

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111560.D
 Acq On : 18 Dec 2018 1:03
 Operator : JU/SJ
 Sample : J6403-41MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMS

Manual Integrations
 APPROVED

Sohil
 12/18/2018 12:49:48 PM

Quant Time: Dec 18 07:10:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132505	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	528901	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	243430	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	367125	20.00	ng	0.00
76) Chrysene-d12	13.95	240	237954	20.00	ng	0.00
87) Perylene-d12	15.39	264	209241	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1059774	133.09	ng	0.01
7) Phenol-d6	6.45	99	1370892	129.43	ng	0.00
23) Nitrobenzene-d5	7.36	82	863264	97.19	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	267409	122.63	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1476880	93.71	ng	0.00
79) Terphenyl-d14	12.90	244	960603	94.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	121476	31.587	ng	94
3) Pyridine	3.31	79	299664	31.024	ng	87
4) n-Nitrosodimethylamine	3.22	42	187174	42.662	ng	80
6) Aniline	6.46	93	191169	14.550	ng	# 1
8) 2-Chlorophenol	6.59	128	360308	37.870	ng	94
9) Benzaldehyde	6.33	77	103064	16.042	ng	99
10) Phenol	6.46	94	478128	40.523	ng	85
11) bis(2-Chloroethyl)ether	6.53	93	321884	34.800	ng	97
12) 1,3-Dichlorobenzene	6.73	146	366622	35.006	ng	98
13) 1,4-Dichlorobenzene	6.81	146	380413	35.785	ng	97
14) 1,2-Dichlorobenzene	6.96	146	359323	35.929	ng	97
15) Benzyl Alcohol	6.94	79	304725	37.810	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	629950	34.882	ng	83
17) 2-Methylphenol	7.06	107	278988	36.436	ng	# 90
18) Hexachloroethane	7.30	117	132789	33.565	ng	91
19) n-Nitroso-di-n-propylamine	7.21	70	246372	35.257	ng	93
20) 3+4-Methylphenols	7.21	107	364810	37.982	ng	# 68
22) Acetophenone	7.20	105	499116	42.274	ng	# 89
24) Nitrobenzene	7.37	77	362118	39.967	ng	94
25) Isophorone	7.61	82	659488	43.883	ng	98
26) 2-Nitrophenol	7.69	139	176657	37.597	ng	97
27) 2,4-Dimethylphenol	7.73	122	325380	47.767	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	415065	40.008	ng	97
29) 2,4-Dichlorophenol	7.94	162	295271	40.605	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	290768	38.197	ng	99
31) Naphthalene	8.09	128	1103060	44.590	ng	97
32) Benzoic acid	7.81	122	20704m	3.517	ng	
33) 4-Chloroaniline	8.14	127	91194	8.290	ng	96
34) Hexachlorobutadiene	8.22	225	159568	38.048	ng	97
35) Caprolactam	8.51	113	94670m	35.065	ng	
36) 4-Chloro-3-methylphenol	8.64	107	315179	39.377	ng	99
37) 2-Methylnaphthalene	8.79	142	708731	42.339	ng	99
38) 1-Methylnaphthalene	8.89	142	665207	41.134	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	265165	39.720	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	85462	24.934	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	188467	39.888	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	195765	38.936	nq	95
46) 1,1'-Biphenyl	9.25	154	791276	38.363	nq	92
47) 2-Chloronaphthalene	9.27	162	613431	39.126	nq	96
48) 2-Nitroaniline	9.37	65	199568	39.203	nq	99
49) Acenaphthylene	9.69	152	992913	42.665	nq	95
50) Dimethylphthalate	9.55	163	956912	54.583	nq	98
51) 2,6-Dinitrotoluene	9.61	165	154604	39.179	nq #	82
52) Acenaphthene	9.86	154	597566	40.626	nq	98
53) 3-Nitroaniline	9.78	138	104583	21.819	nq	92
54) 2,4-Dinitrophenol	9.89	184	12673	8.441	nq	90
55) Dibenzofuran	10.03	168	879463	41.191	nq	97
56) 4-Nitrophenol	9.96	139	194618	58.672	nq	95
57) 2,4-Dinitrotoluene	10.02	165	194850	37.620	nq	98
58) Fluorene	10.37	166	693507	44.782	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	145387	37.010	nq	100
60) Diethylphthalate	10.25	149	703699	39.626	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	289273	38.179	nq	98
62) 4-Nitroaniline	10.39	138	142630	30.060	nq	95
63) Azobenzene	10.53	77	640088	36.562	nq	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	16836	8.123	nq	96
66) n-Nitrosodiphenylamine	10.49	169	570763	45.083	nq	96
67) 4-Bromophenyl-phenylether	10.86	248	168232	42.517	nq	99
68) Hexachlorobenzene	10.93	284	162712	39.976	nq	95
69) Atrazine	11.02	200	165942	45.355	nq	95
70) Pentachlorophenol	11.12	266	153006	61.289	nq	95
71) Phenanthrene	11.34	178	1234706	65.269	nq	95
72) Anthracene	11.39	178	942092	48.696	nq	95
73) Carbazole	11.54	167	759379	37.958	nq	95
74) Di-n-butylphthalate	11.87	149	990242	44.444	nq	95
75) Fluoranthene	12.53	202	1067190	57.665	nq	94
77) Benzidine	12.65	184	266158	30.428	nq	97
78) Pyrene	12.75	202	1012068	60.326	nq	96
80) Butylbenzylphthalate	13.37	149	326339	39.907	nq	93
81) Benzo(a)anthracene	13.94	228	708464	54.756	nq	99
82) 3,3'-Dichlorobenzidine	13.90	252	156907	29.831	nq	97
83) Chrysene	13.98	228	674442	49.482	nq	96
84) Bis(2-ethylhexyl)phthalate	13.93	149	443047	42.419	nq	99
85) Di-n-octyl phthalate	14.54	149	741962	42.115	nq	100
86) Indeno(1,2,3-cd)pyrene	16.81	276	421715	42.870	nq #	91
88) Benzo(b)fluoranthene	14.97	252	686291	56.258	nq	99
89) Benzo(k)fluoranthene	15.00	252	516313	44.294	nq	97
90) Benzo(a)pyrene	15.33	252	570202m	51.833	nq	
91) Dibenzo(a,h)anthracene	16.82	278	323199	37.245	nq	95
92) Benzo(g,h,i)perylene	17.23	276	338269m	39.713	nq	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

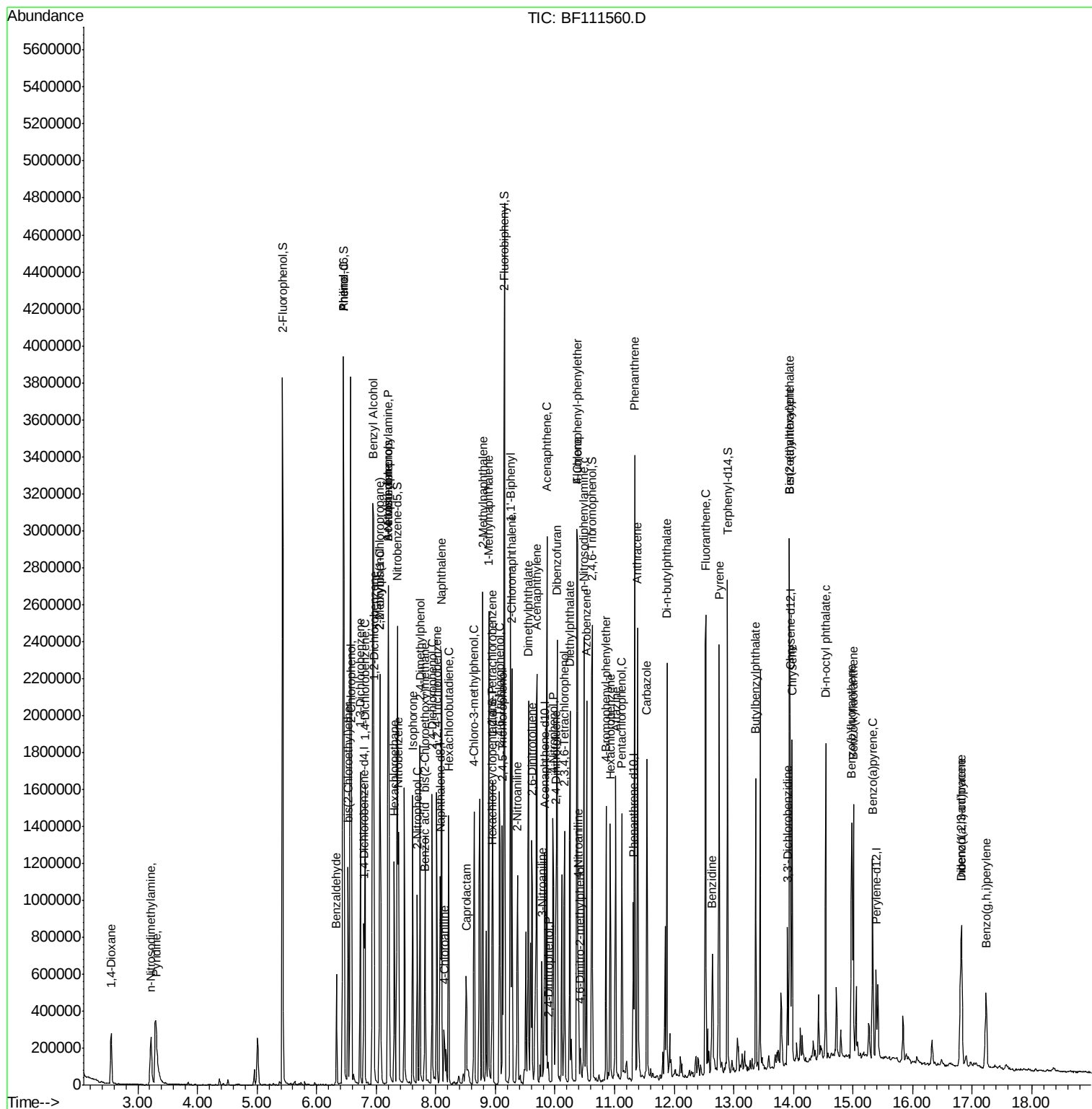
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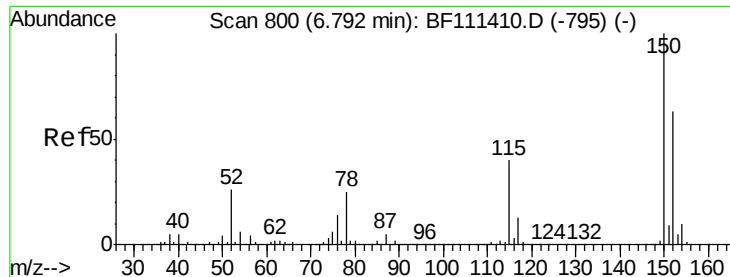
Instrument :
 BNA_F
 ClientSampled :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

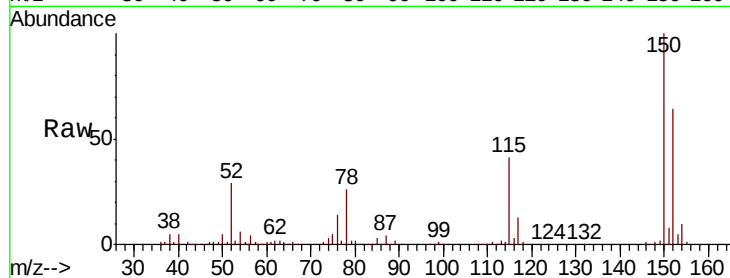
ClientSampled :

TP-6-AMS

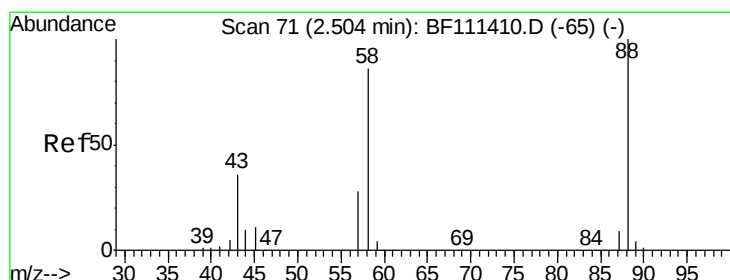
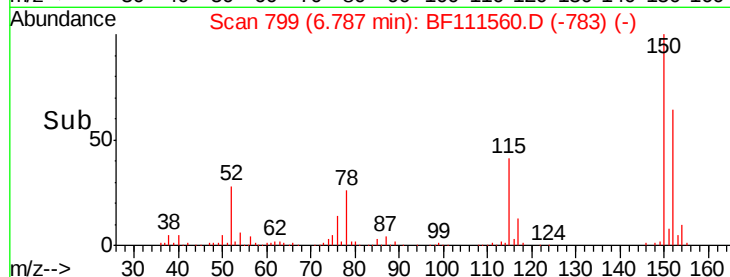
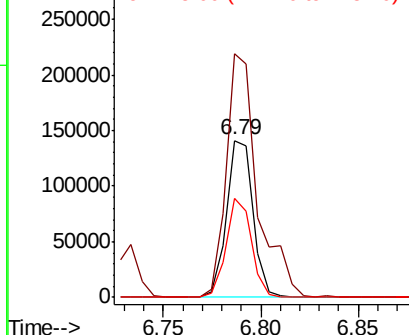
Tot Ion:	152	Resp:	132505
Ion Ratio	Lower	Upper	
152	100		
150	155.2	126.6	189.8
115	62.9	50.7	76.1

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.587 ng

RT: 2.55 min Scan# 79

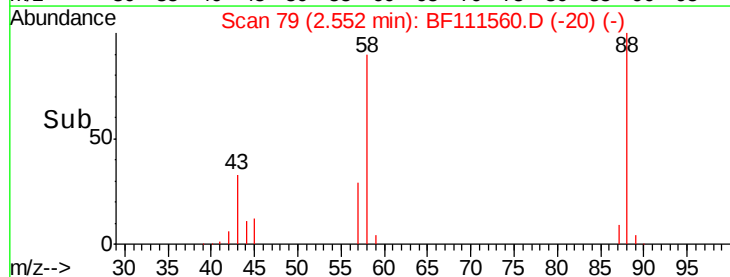
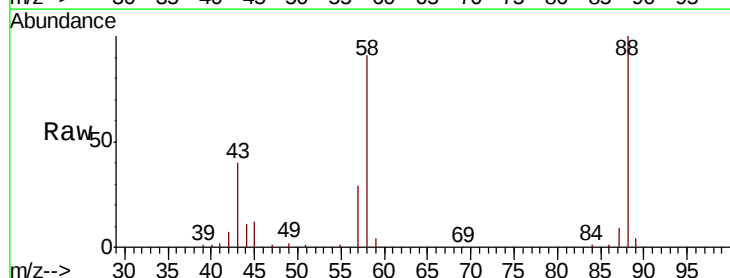
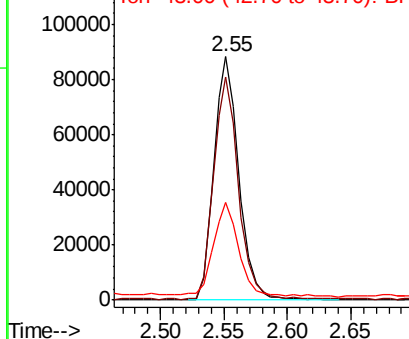
Delta R.T. 0.05 min

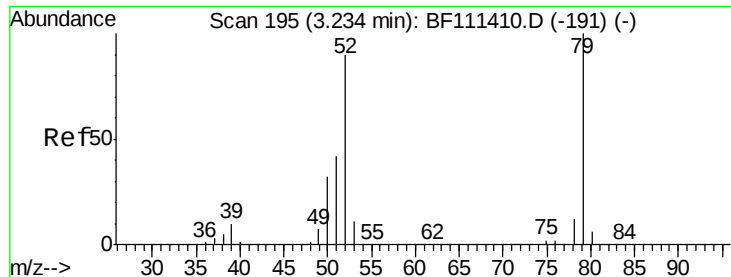
Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Tgt Ion:	88	Resp:	121476
Ion Ratio	Lower	Upper	
88	100		
58	90.2	68.9	103.3
43	37.8	25.8	38.6

Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 31.024 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.08 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

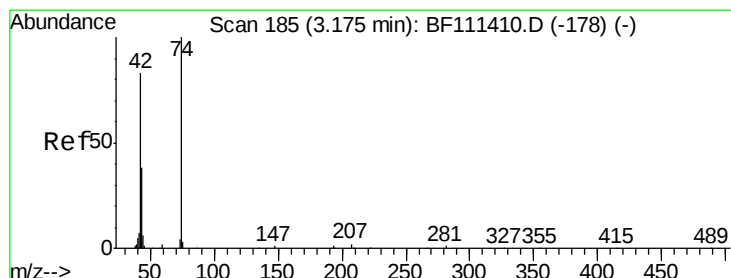
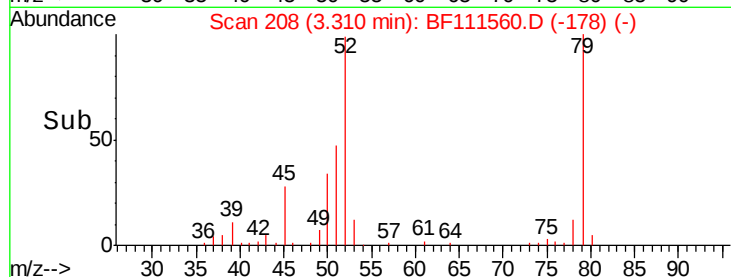
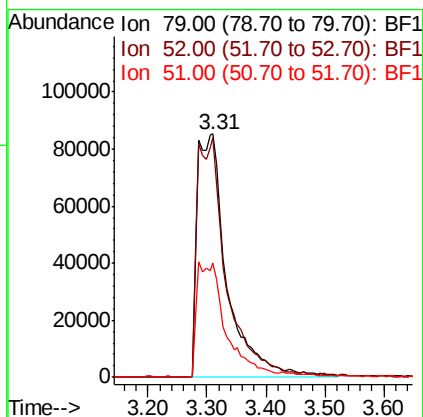
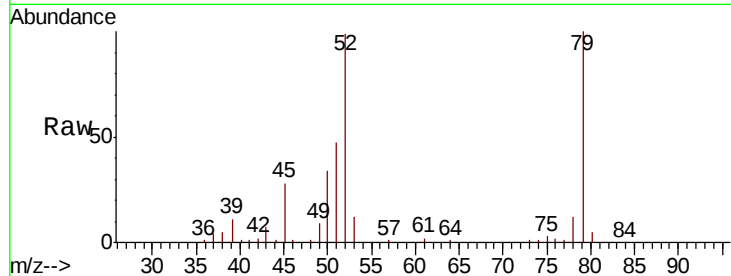
ClientSampleId :

TP-6-AMS

Tot Ion:	79	Resp:	299664
Ion Ratio	Lower	Upper	
79	100		
52	98.6	68.3	102.5
51	47.2	32.6	49.0

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#4

n-Nitrosodimethylamine

Concen: 42.662 ng

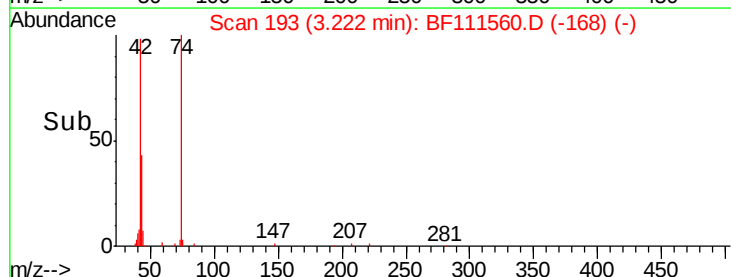
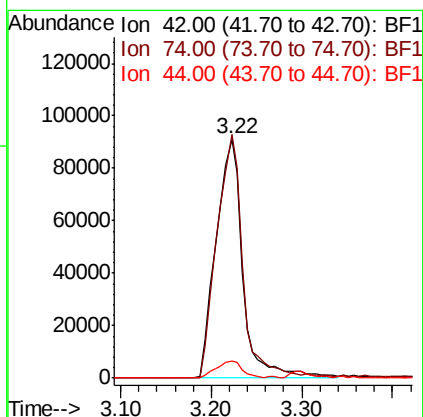
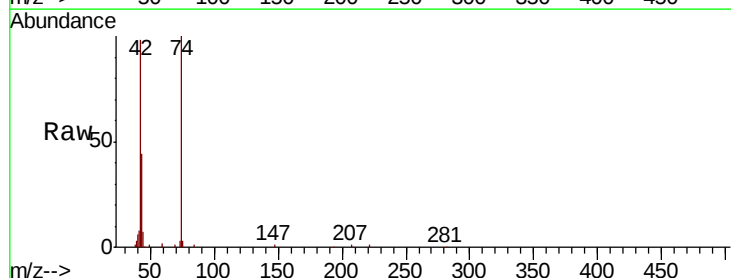
RT: 3.22 min Scan# 193

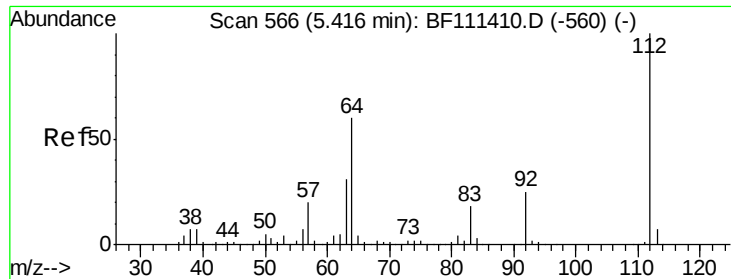
Delta R.T. 0.05 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Tgt Ion:	42	Resp:	187174
Ion Ratio	Lower	Upper	
42	100		
74	102.1	101.5	152.3
44	7.0	6.0	9.0





#5

2-Fluorophenol

Concen: 133.091 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

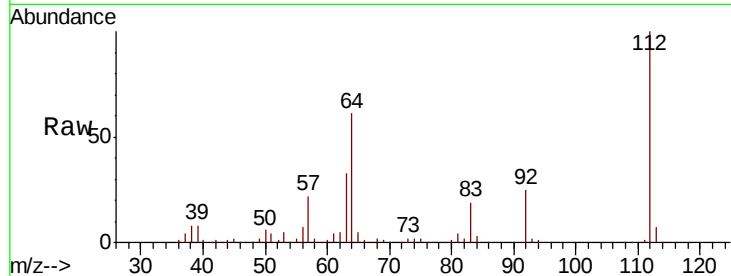
ClientSampleId :

TP-6-AMS

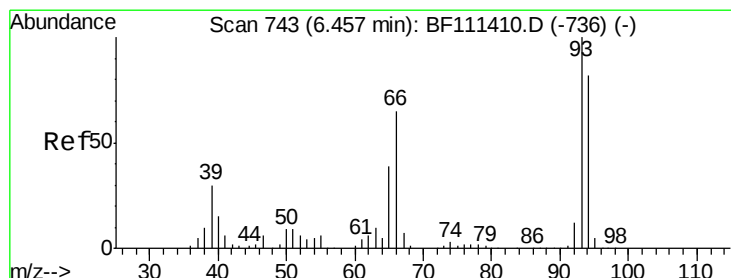
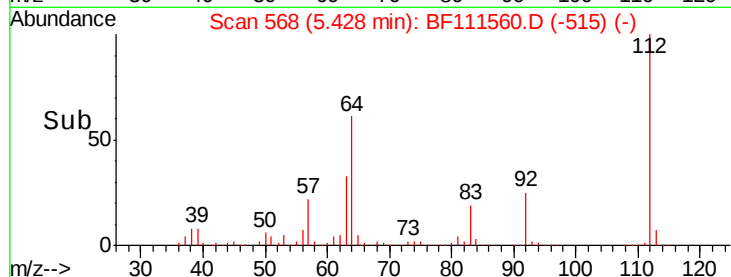
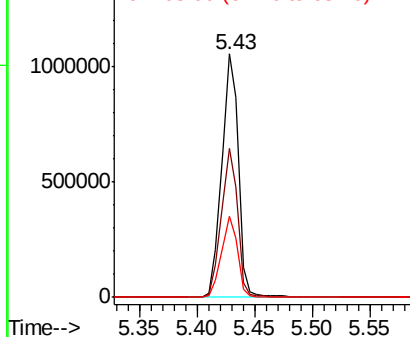
Tot Ion:	112	Resp:	1059774
Ion	Ratio	Lower	Upper
112	100		
64	61.1	51.8	77.6
63	33.1	26.8	40.2

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12/18/2018 12:49:48 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.550 ng

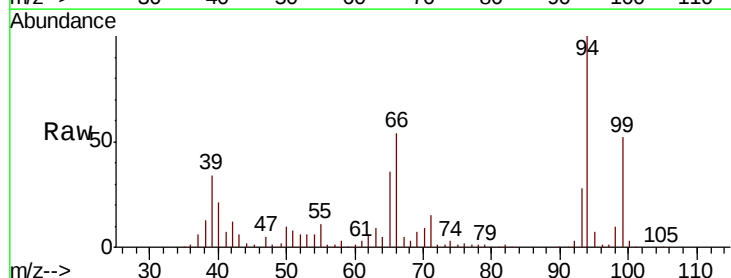
RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

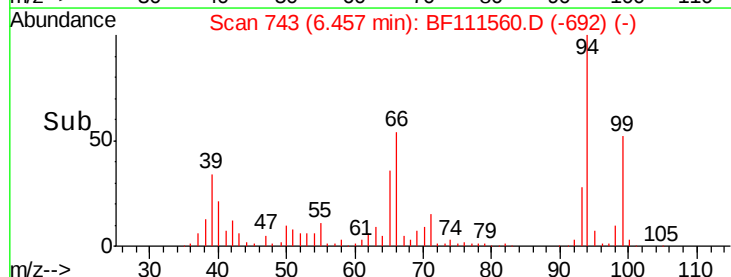
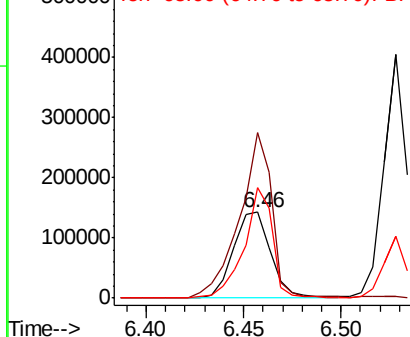
Lab File: BF111560.D

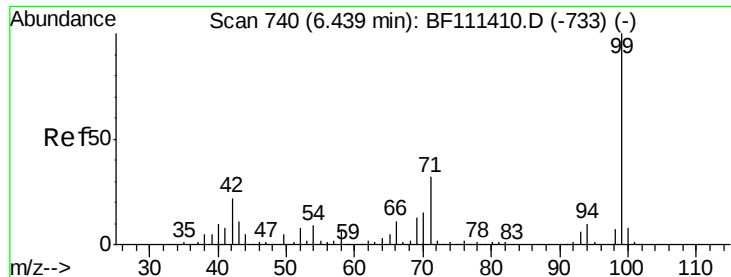
Acq: 18 Dec 2018 1:03

Tgt Ion:	93	Resp:	191169
Ion	Ratio	Lower	Upper
93	100		
66	192.2	33.2	49.8#
65	128.5	17.0	25.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.429 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

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ClientSampleId :

TP-6-AMS

Tot Ion: 99 Resp: 1370892

Ion Ratio Lower Upper

99 100

42 23.5 17.4 26.0

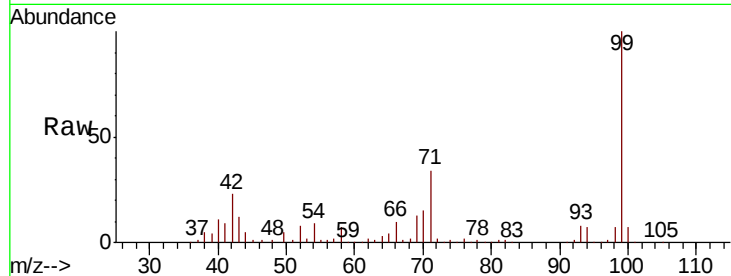
71 34.5 26.1 39.1

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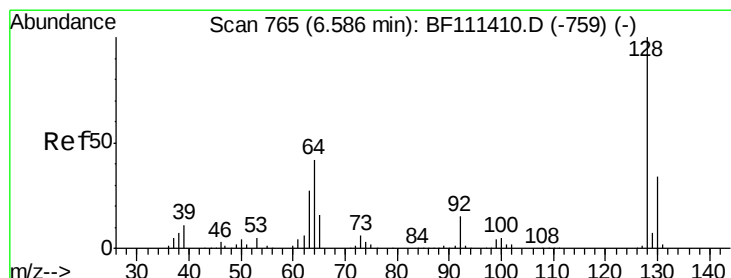
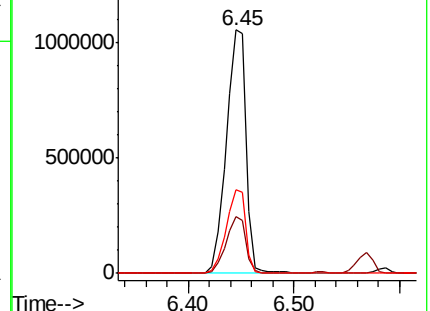
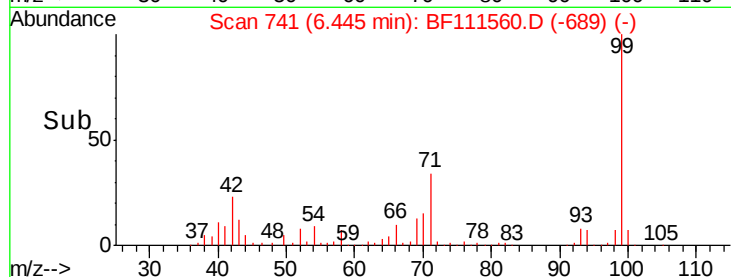
12/18/2018 12:49:48 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.870 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

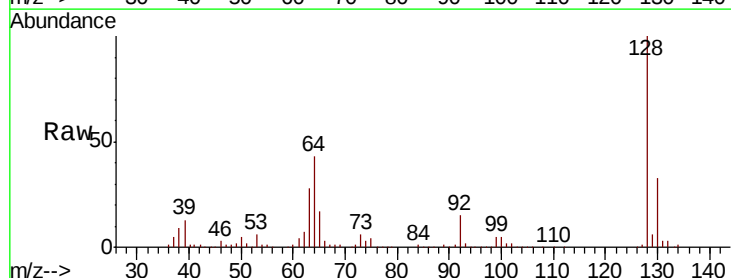
Tgt Ion:128 Resp: 360308

Ion Ratio Lower Upper

128 100

130 32.5 12.7 52.7

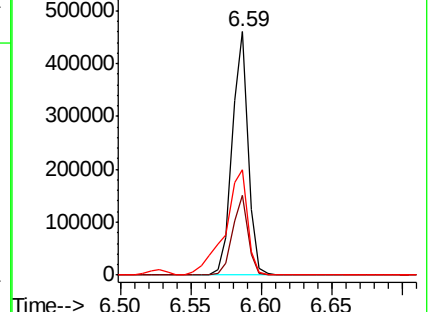
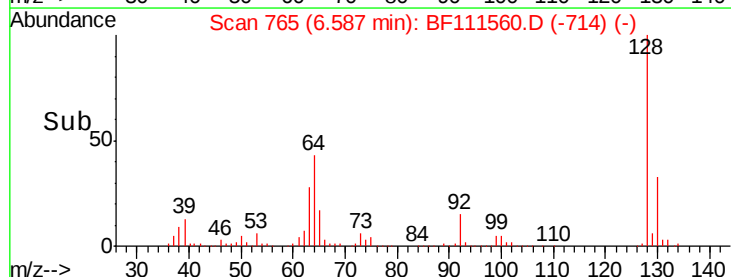
64 43.4 30.0 70.0

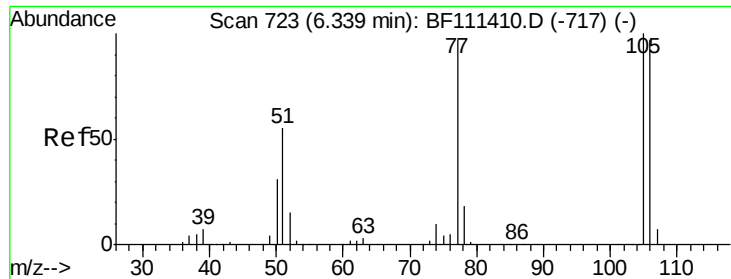


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.042 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

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BNA_F

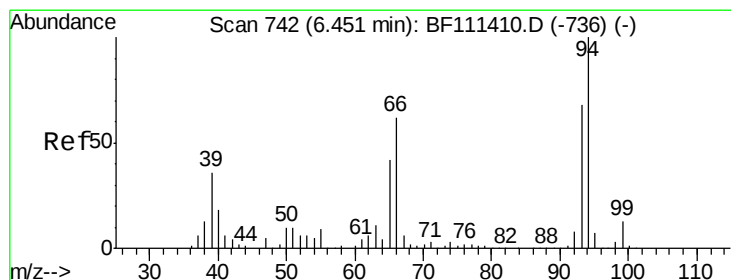
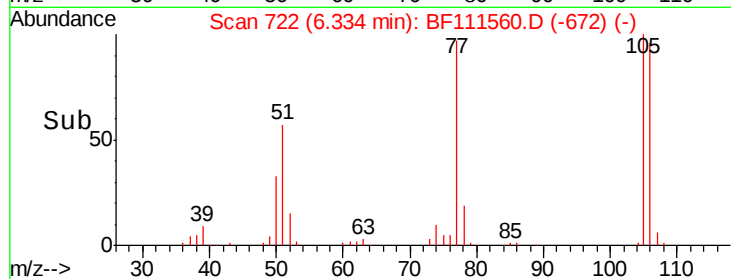
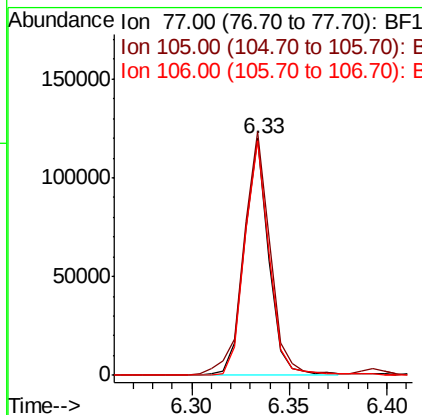
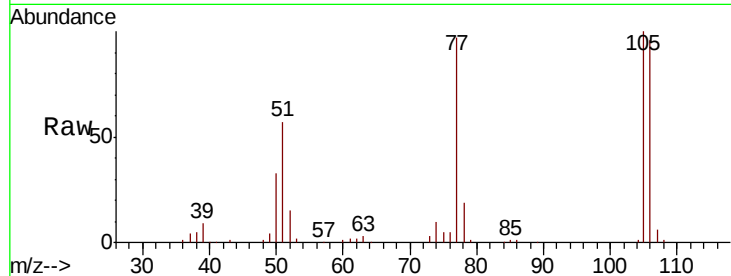
ClientSampleId :

TP-6-AMS

Tot Ion:	77	Resp:	103064
Ion	Ratio	Lower	Upper
77	100		
105	102.8	81.4	121.4
106	99.0	77.9	117.9

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#10

Phenol

Concen: 40.523 ng

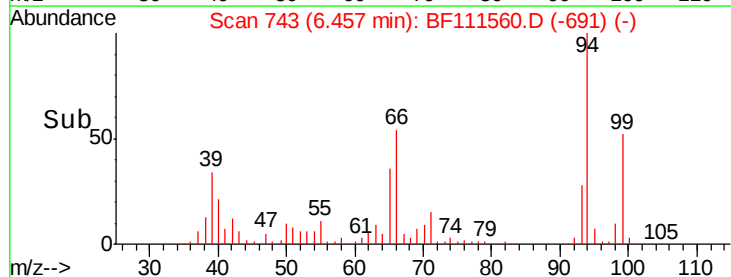
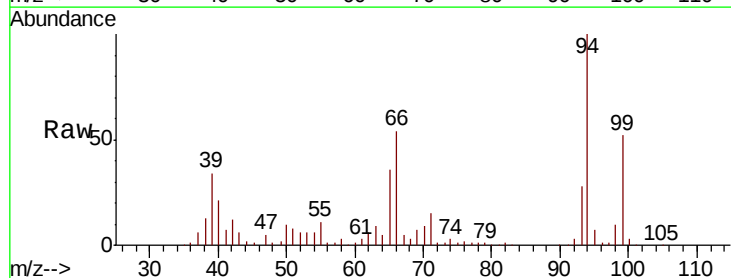
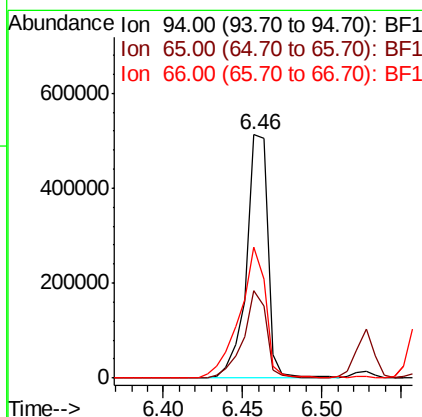
RT: 6.46 min Scan# 743

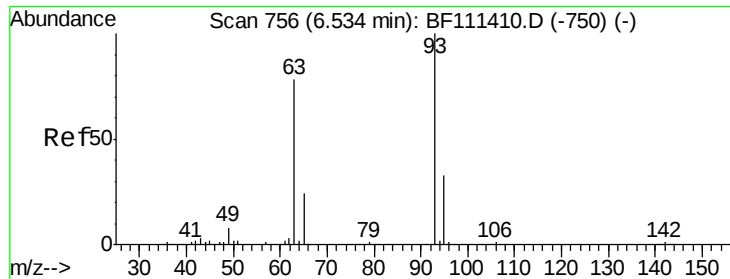
Delta R.T. 0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Tgt Ion:	94	Resp:	478128
Ion	Ratio	Lower	Upper
94	100		
65	35.9	11.7	51.7
66	53.7	21.0	61.0





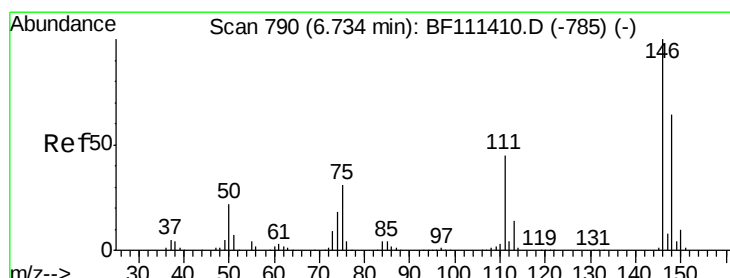
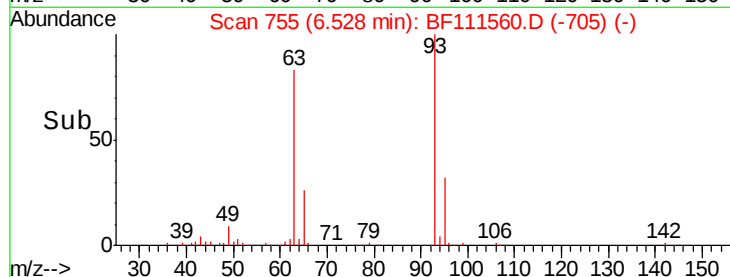
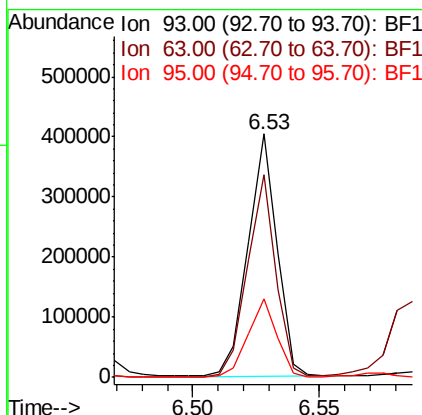
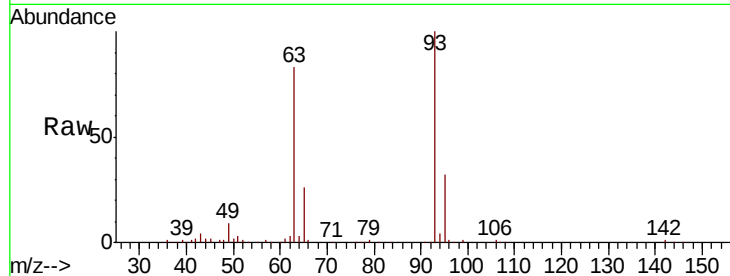
#11
bis(2-Chloroethyl)ether
Concen: 34.800 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.2	60.0	100.0
95	32.4	13.4	53.4

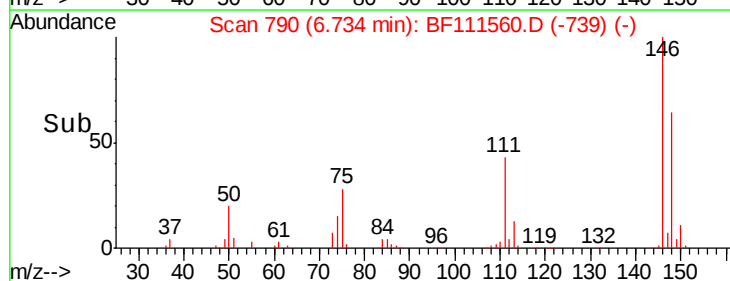
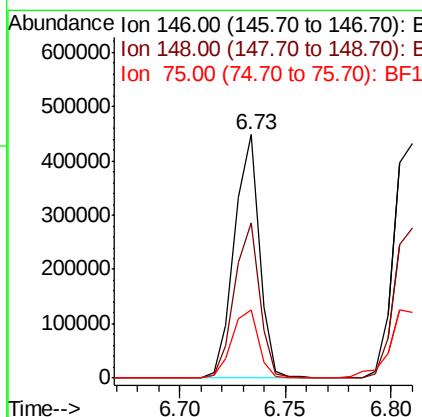
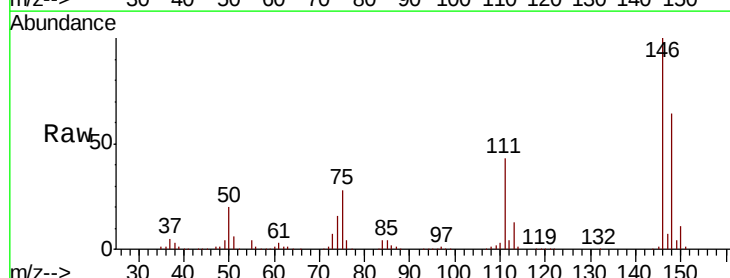
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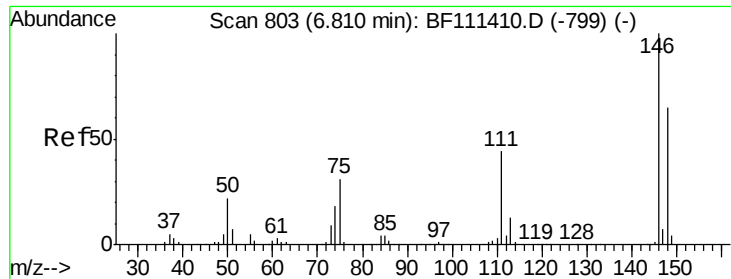
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#12
1,3-Dichlorobenzene
Concen: 35.006 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.1	78.1
75	28.1	23.9	35.9





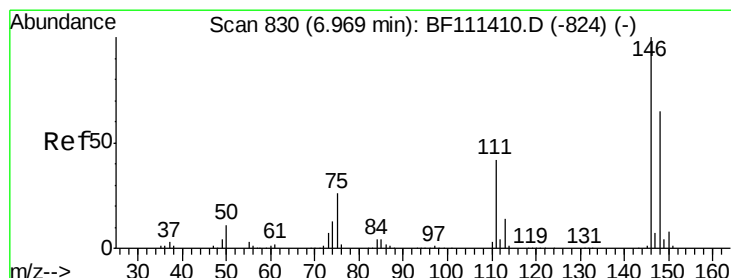
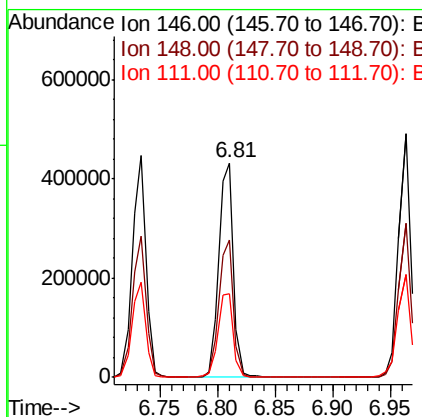
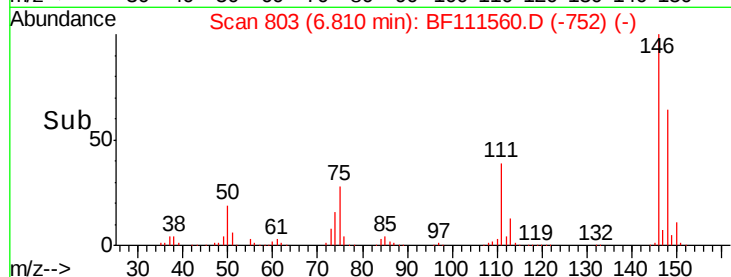
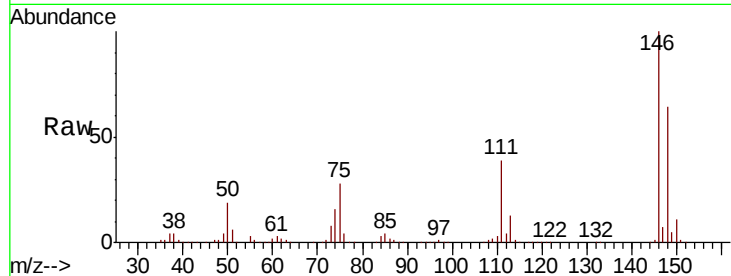
#13
 1,4-Dichlorobenzene
 Concen: 35.785 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.8	79.2
111	39.2	33.4	50.0

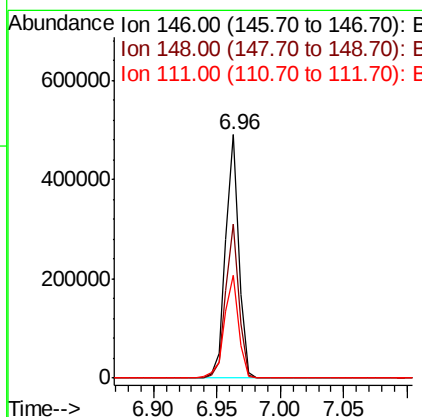
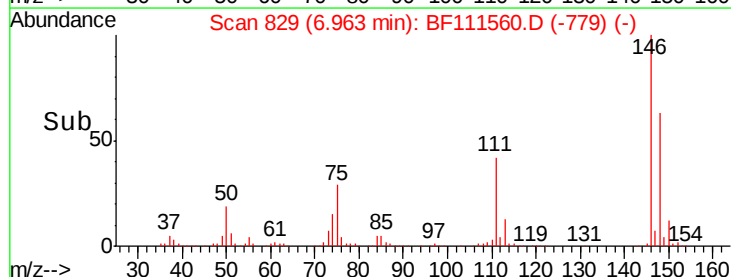
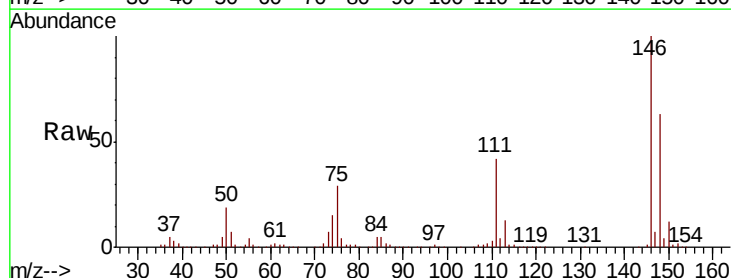
Manual Integrations
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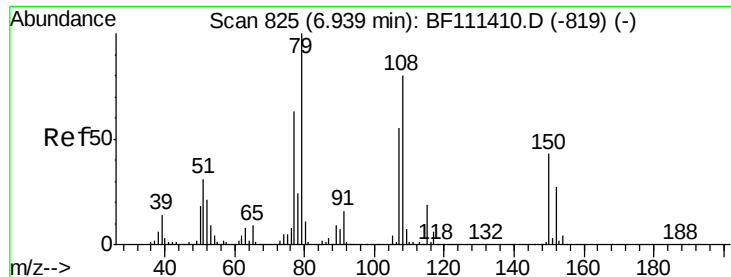
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 35.929 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.9	77.9
111	42.4	36.2	54.4





#15

Benzyl Alcohol

Concen: 37.810 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

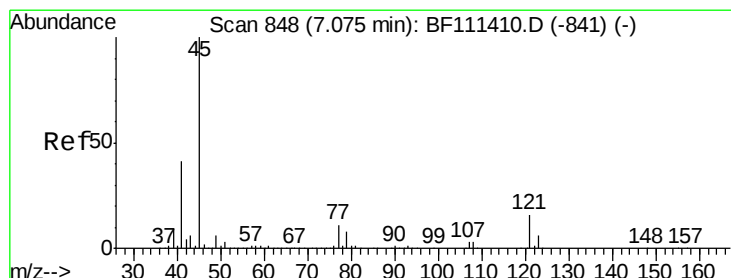
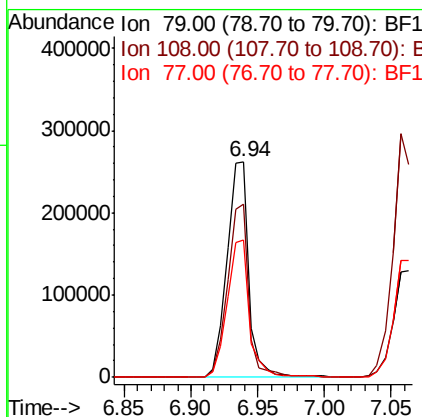
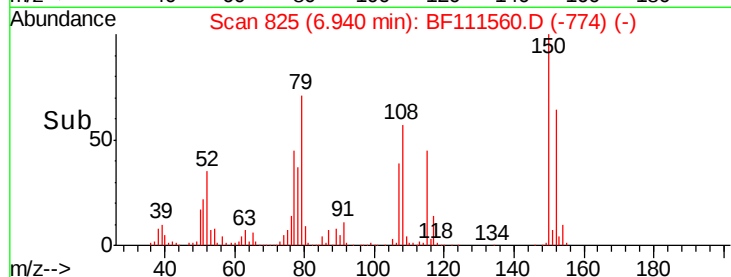
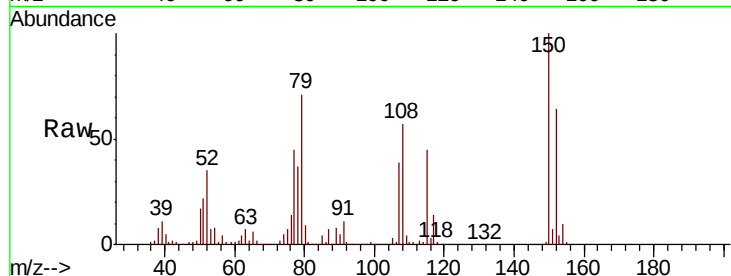
ClientSampled :

TP-6-AMS

Tot Ion:	79	Resp:	304725
Ion Ratio	Lower	Upper	
79	100		
108	80.3	69.4	104.2
77	63.8	49.7	74.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.882 ng

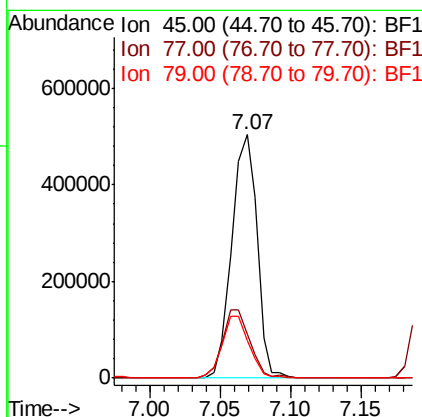
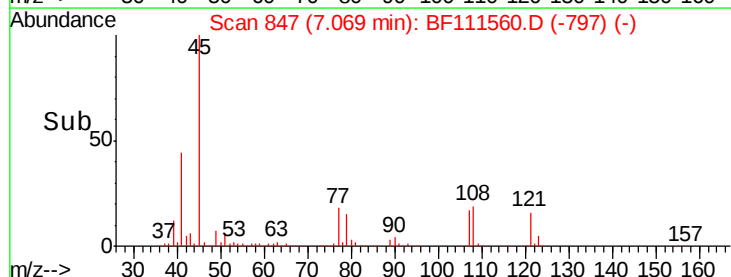
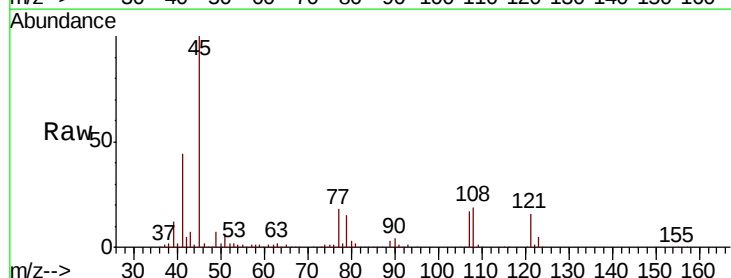
RT: 7.07 min Scan# 847

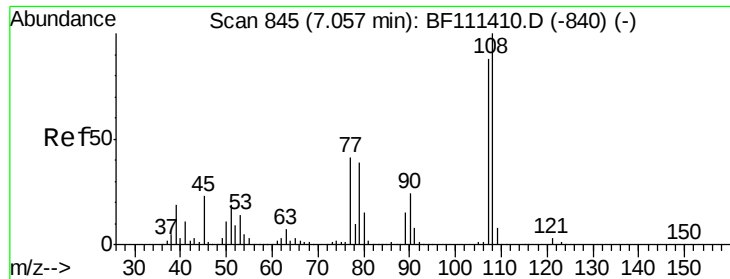
Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Tgt Ion:	45	Resp:	629950
Ion Ratio	Lower	Upper	
45	100		
77	17.8	0.0	31.5
79	15.2	0.0	28.9





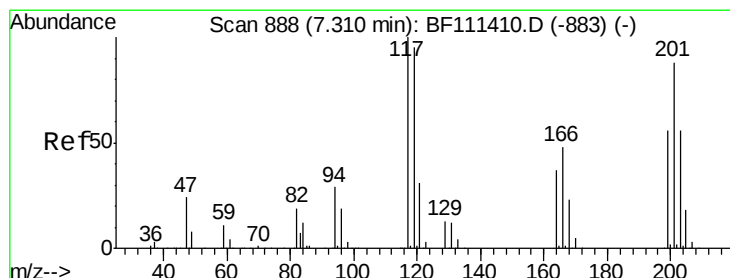
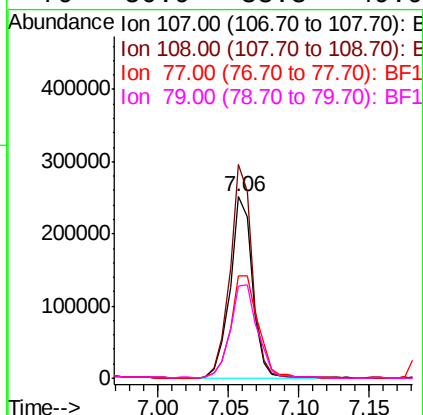
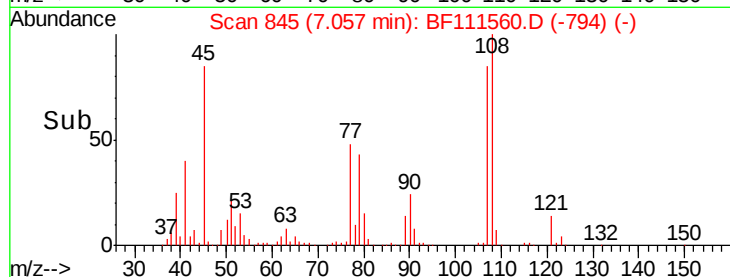
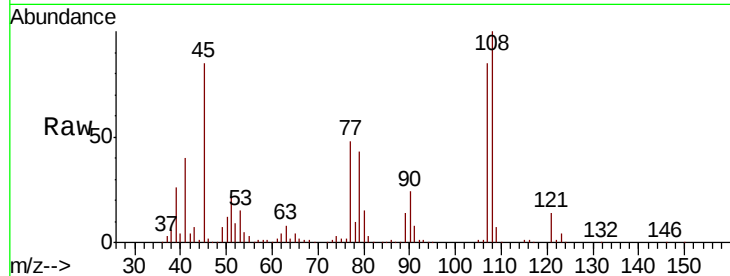
#17
2-Methylphenol
Concen: 36.436 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	117.6	91.0	136.4
77	56.5	33.5	50.3
79	50.9	33.3	49.9

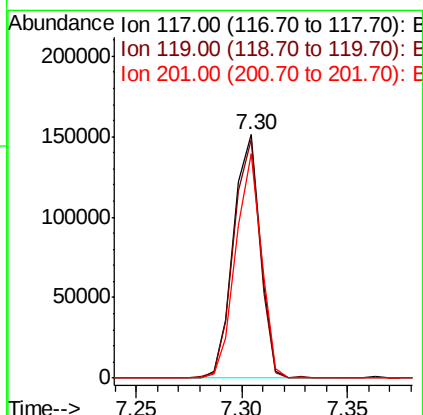
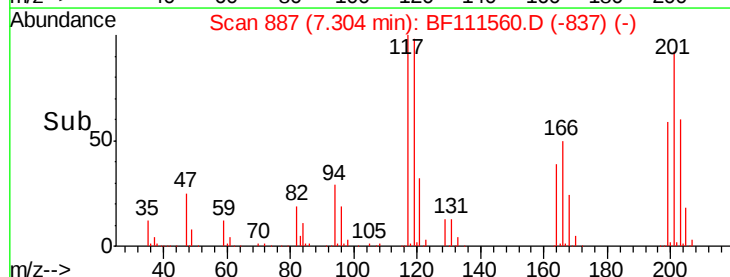
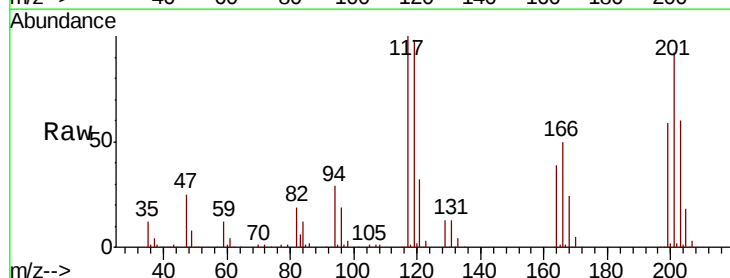
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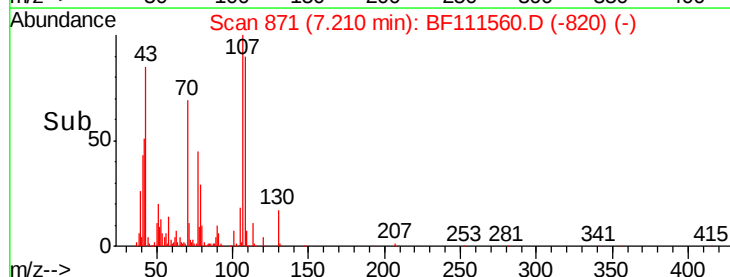
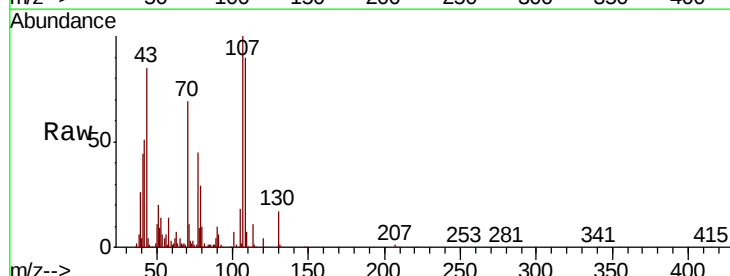
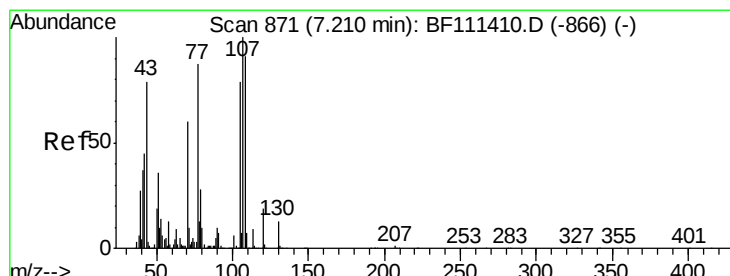
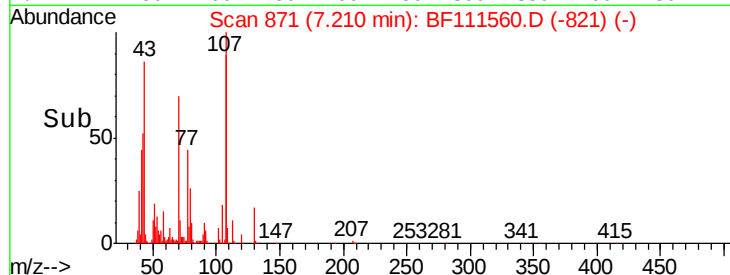
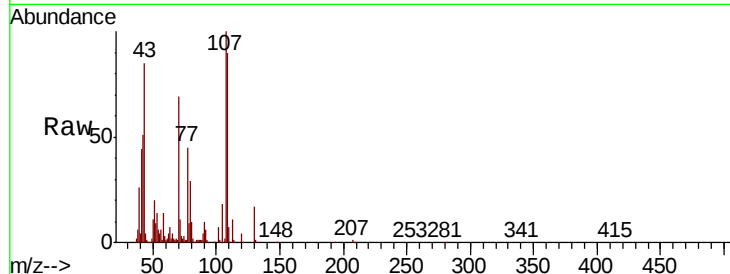
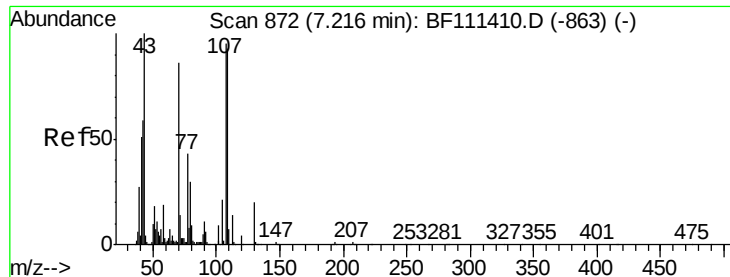
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#18
Hexachloroethane
Concen: 33.565 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	97.8	75.4	113.0
201	92.0	62.4	93.6





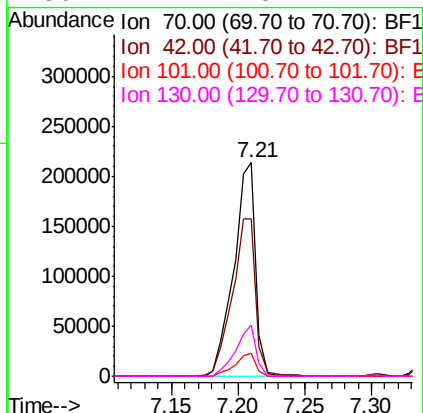
#19
n-Nitroso-di-n-propylamine
Concen: 35.257 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	74.0	53.2	79.8	
101	10.6	8.2	12.4	
130	24.2	18.1	27.1	

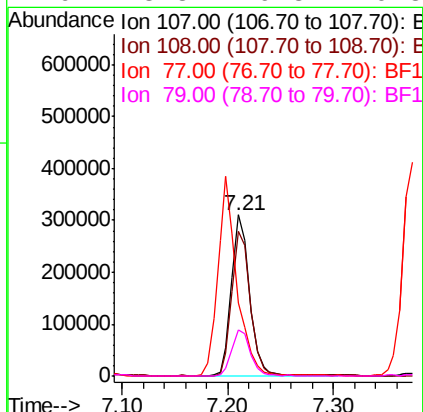
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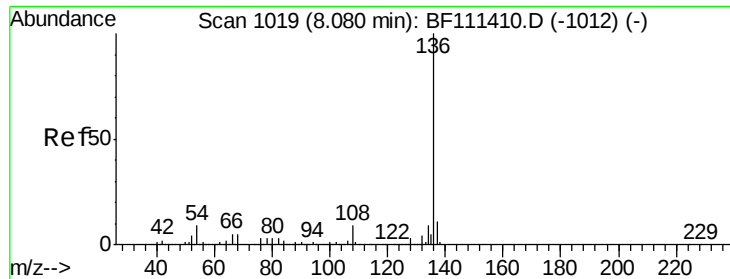
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#20
3+4-Methylphenols
Concen: 37.982 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.7	72.1	112.1	
77	45.1	94.1	134.1#	
79	28.8	9.8	49.8	





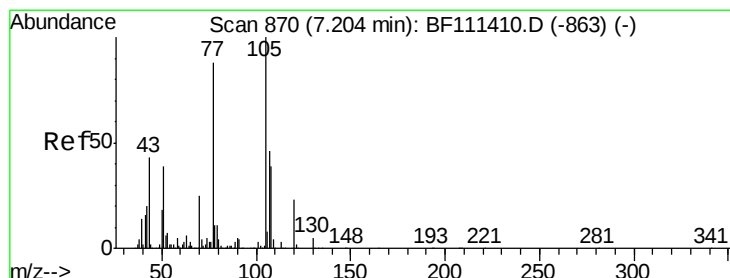
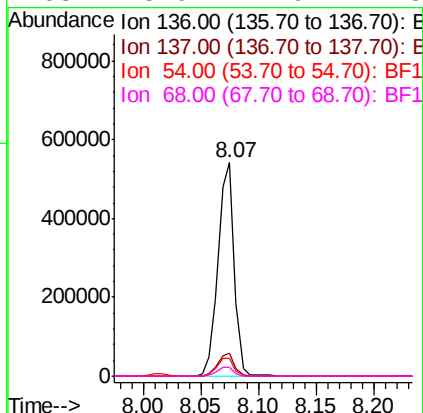
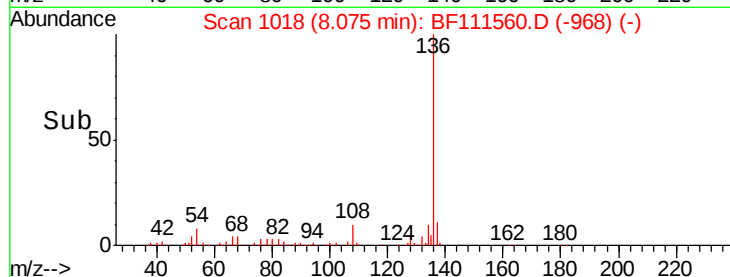
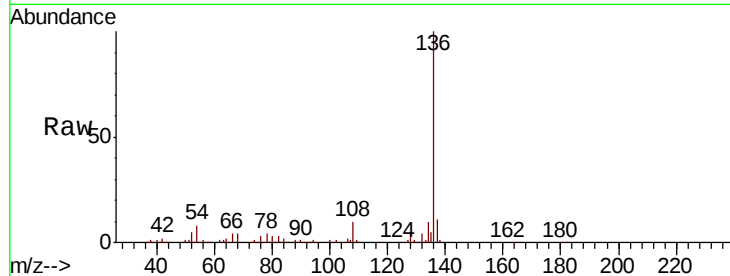
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	528901		
137	10.5		9.1	13.7
54	8.4		7.7	11.5
68	3.9		4.9	7.3#

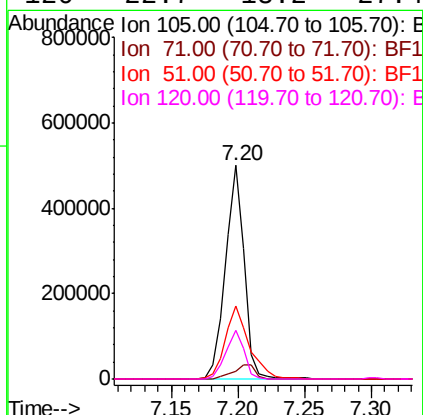
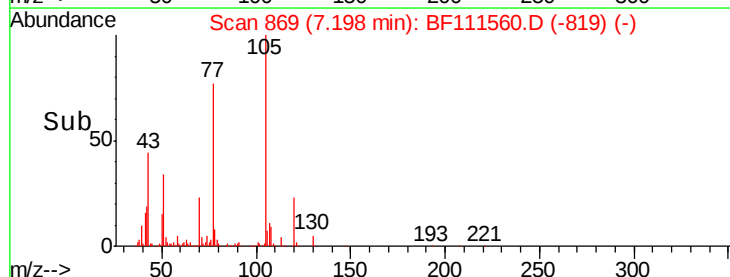
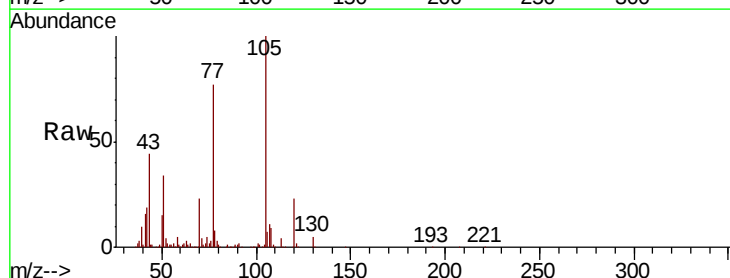
Manual Integrations
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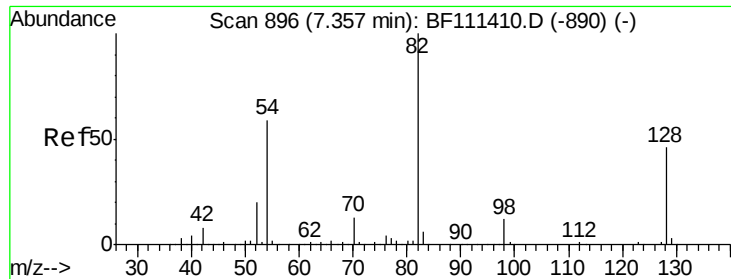
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#22
Acetophenone
Concen: 42.274 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	499116		
71	3.8		3.1	4.7
51	34.2		36.6	54.8#
120	22.7		18.2	27.4





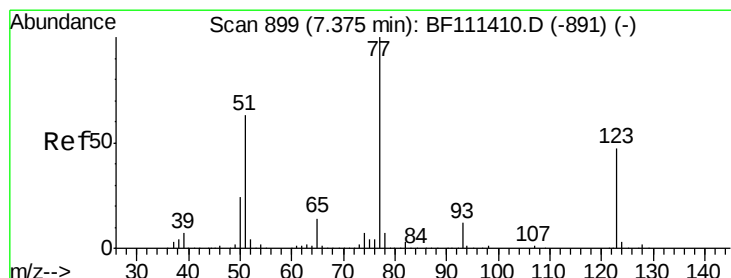
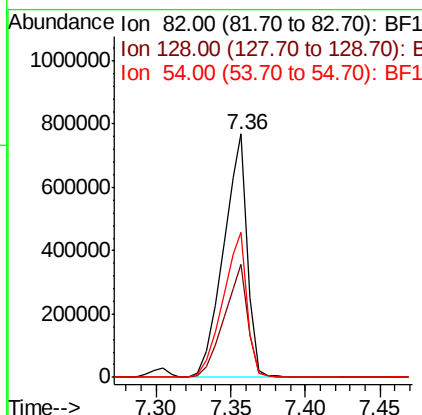
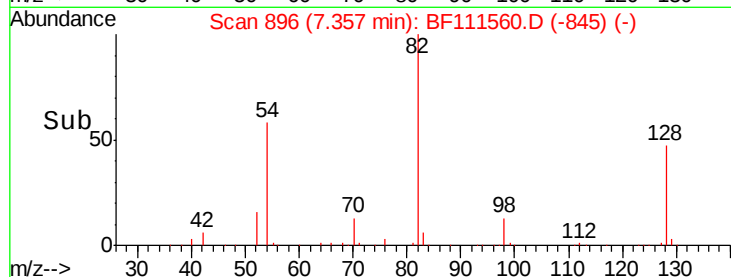
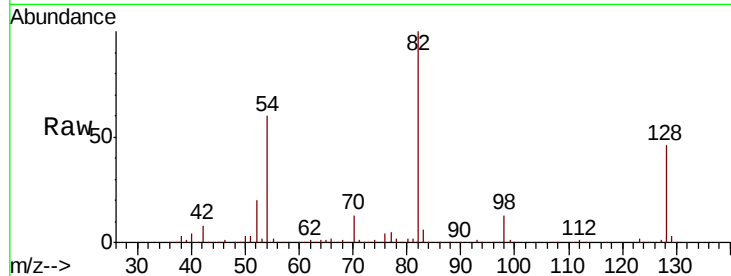
#23
Nitrobenzene-d5
Concen: 97.194 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.4	56.2
54	59.7	47.6	71.4

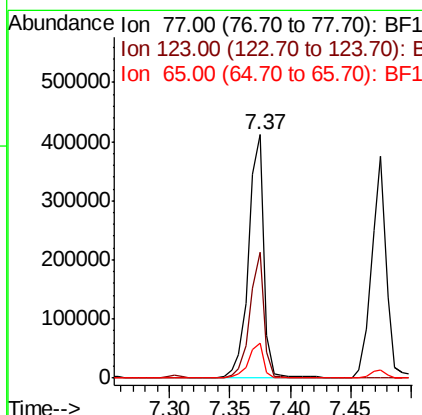
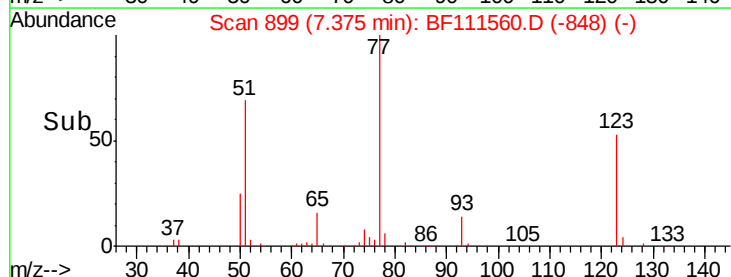
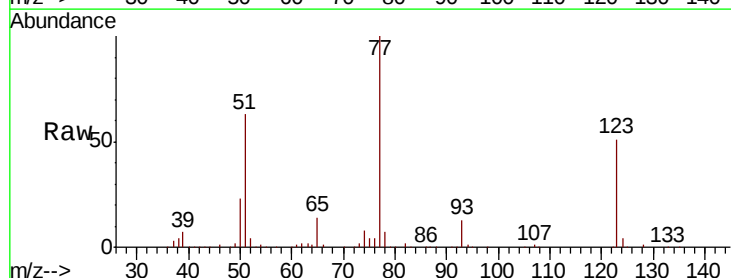
Manual Integrations
APPROVED

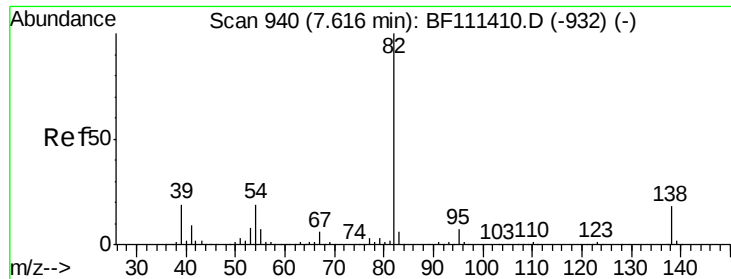
Sohil
12/18/2018 12:49:48 PM



#24
Nitrobenzene
Concen: 39.967 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.5	37.2	55.8
65	14.3	11.5	17.3





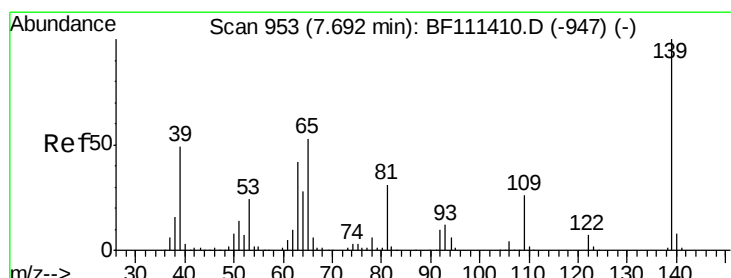
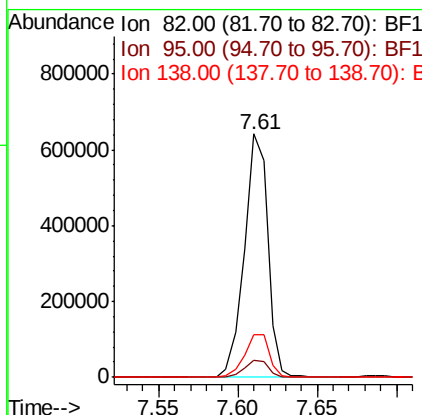
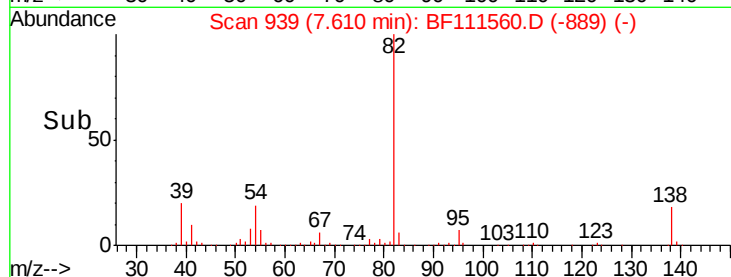
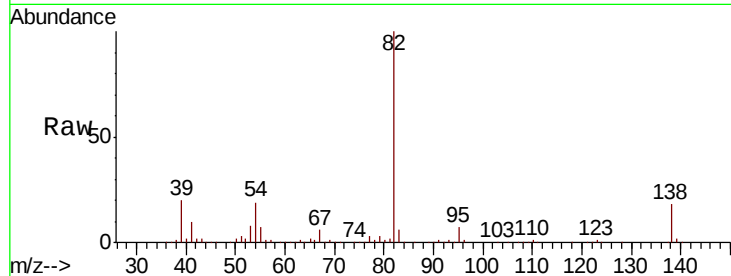
#25
Isophorone
Concen: 43.883 ng
RT: 7.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	659488		
95	7.3		5.4	8.2
138	17.7		15.1	22.7

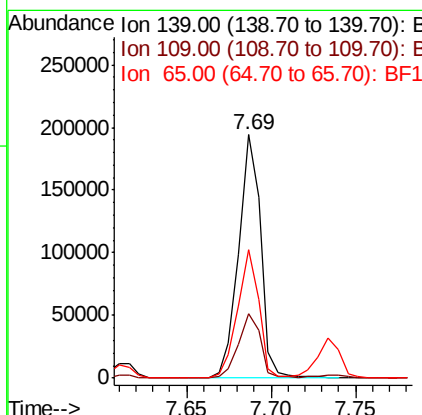
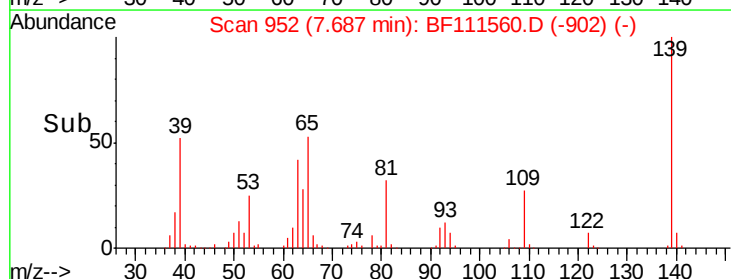
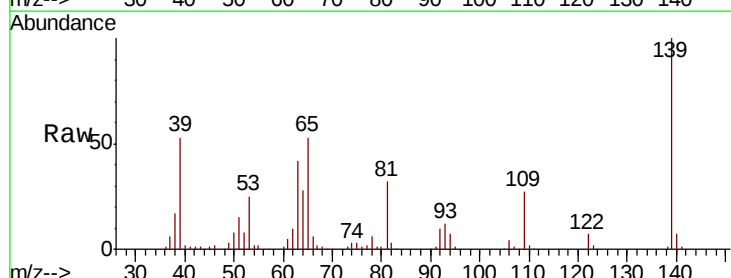
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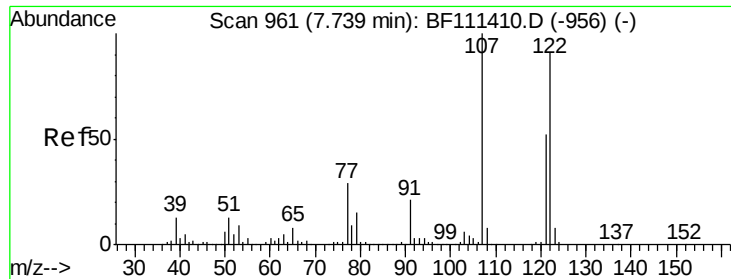
Sohil
12/18/2018 12:49:48 PM



#26
2-Nitrophenol
Concen: 37.597 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	176657		
109	26.7		20.2	30.4
65	52.8		40.7	61.1





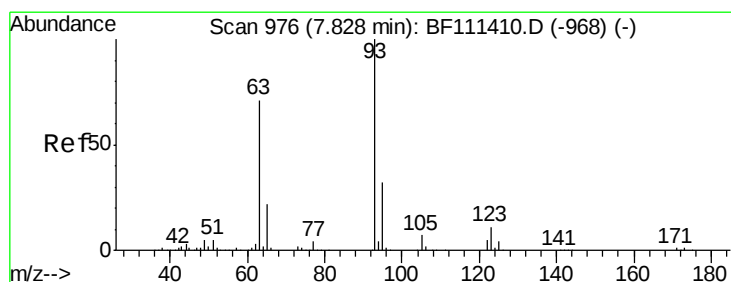
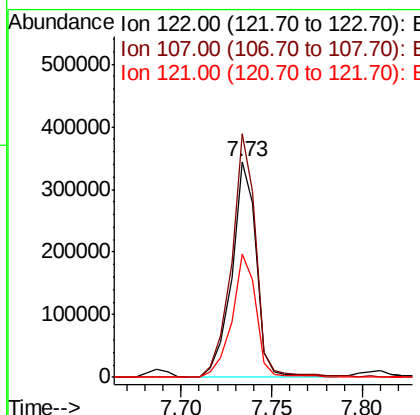
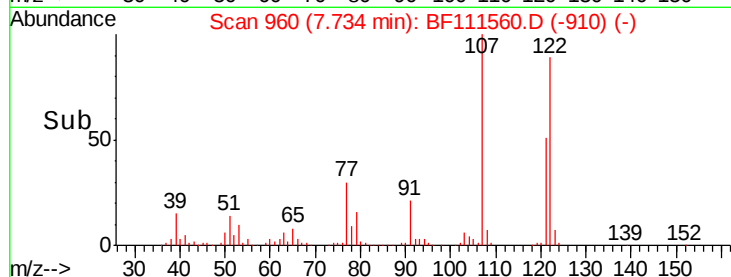
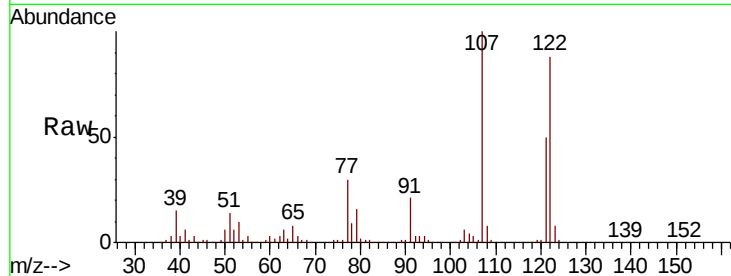
#27
2,4-Dimethylphenol
Concen: 47.767 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampled :
TP-6-AMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	325380		
107	113.0	85.5	128.3	
121	57.0	46.6	70.0	

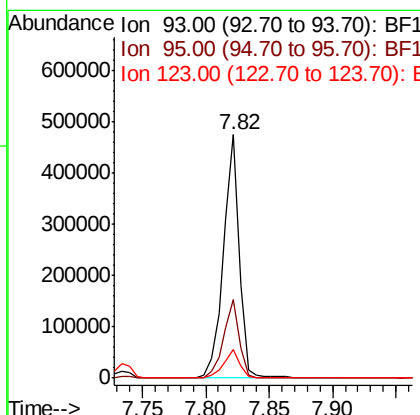
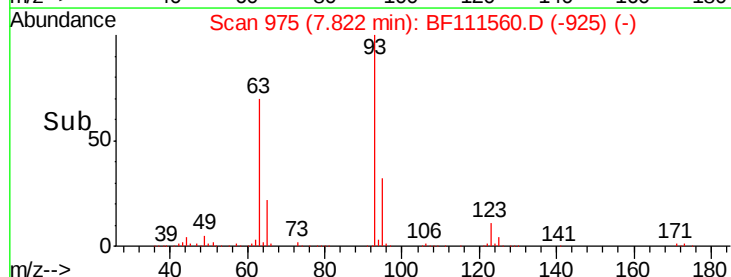
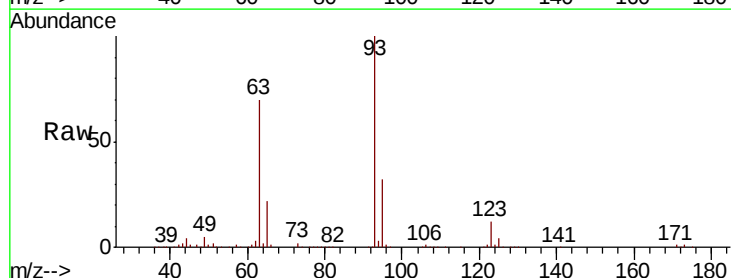
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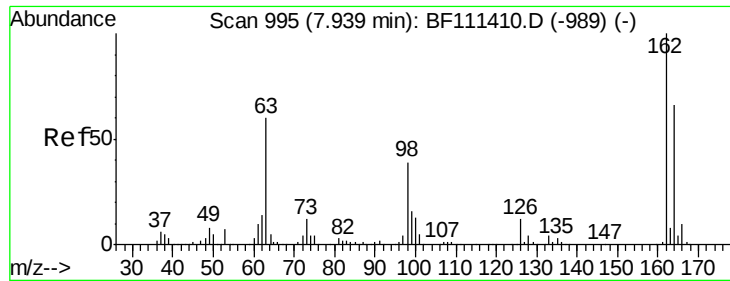
Sohil
12/18/2018 12:49:48 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.008 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	415065		
95	32.3	27.1	40.7	
123	11.6	9.9	14.9	





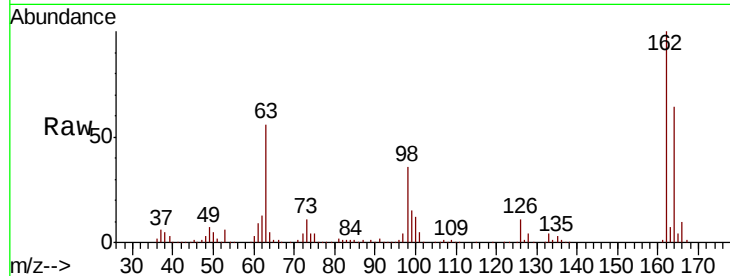
#29
2,4-Dichlorophenol
Concen: 40.605 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.6	44.4	84.4
98	36.2	20.3	60.3

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12/18/2018 12:49:48 PM

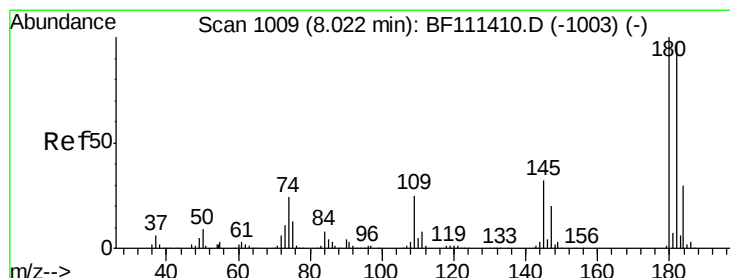
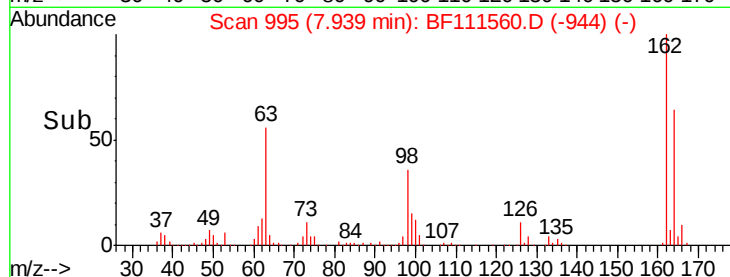
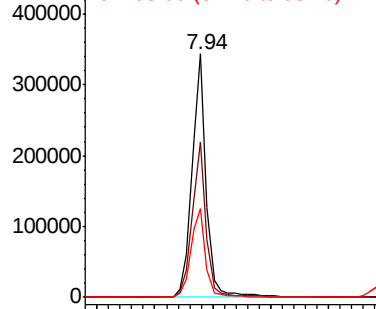


Abundance

Ion 162.00 (161.70 to 162.70): E

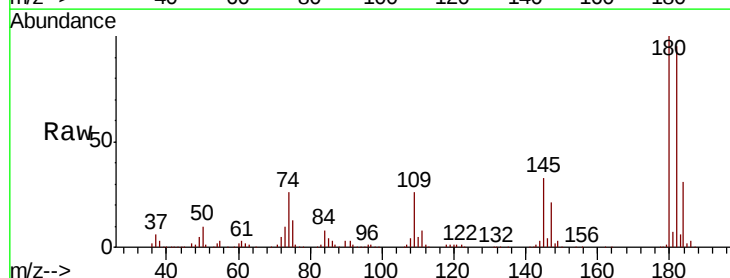
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.197 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.0	75.6	113.4
145	32.7	26.7	40.1

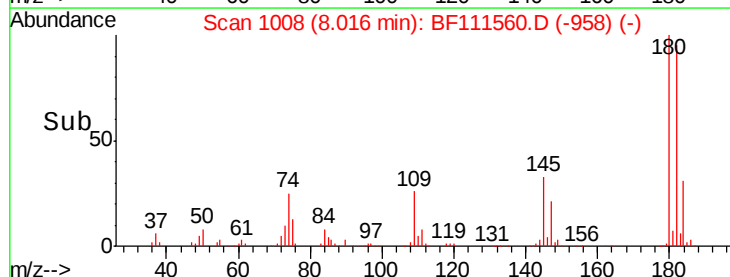
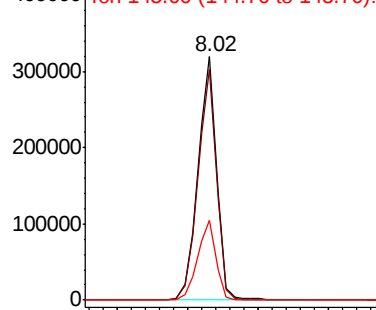


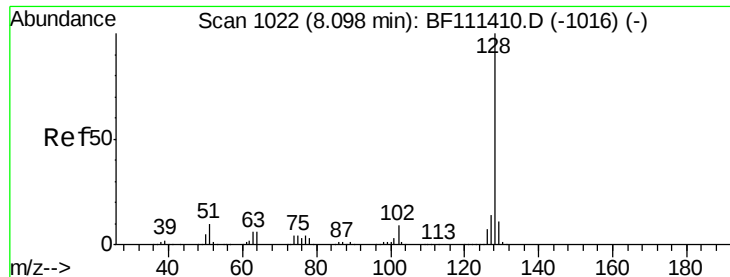
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





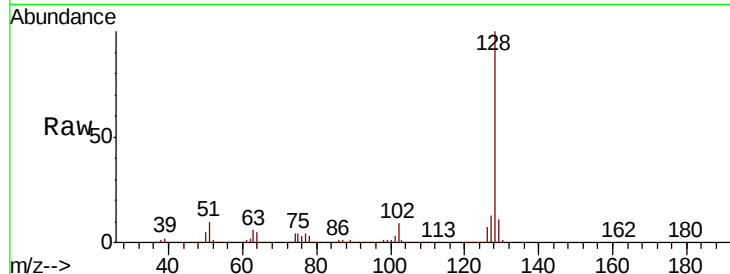
#31
Naphthalene
Concen: 44.590 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

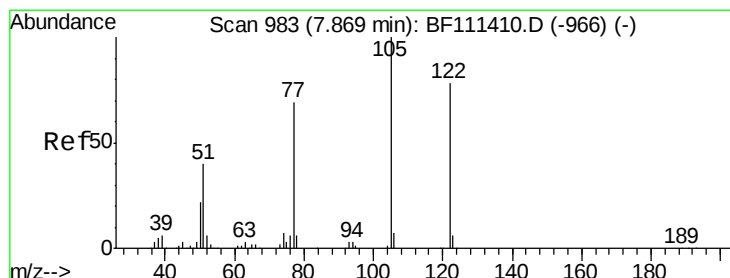
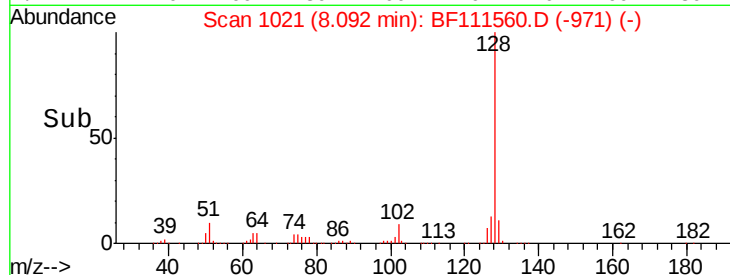
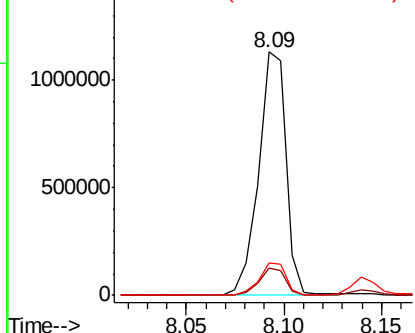
Tot Ion:128 Resp: 1103060
Ion Ratio Lower Upper
128 100
129 11.3 9.8 14.8
127 13.2 12.0 18.0

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12/18/2018 12:49:48 PM

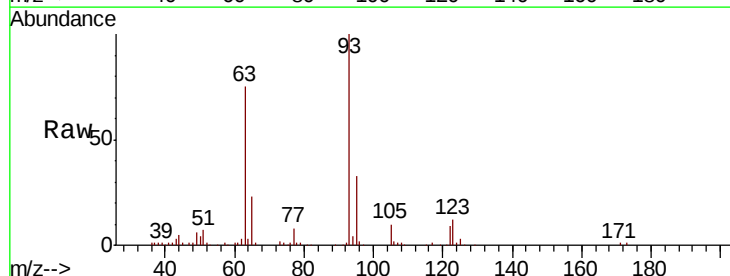


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

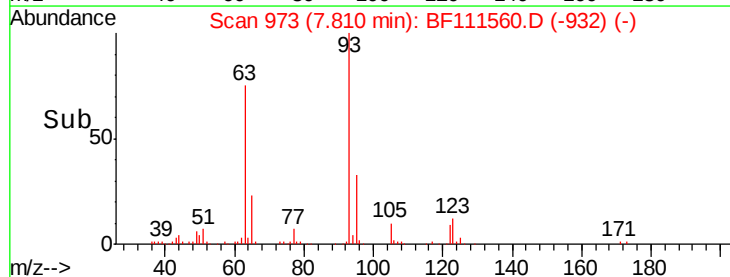
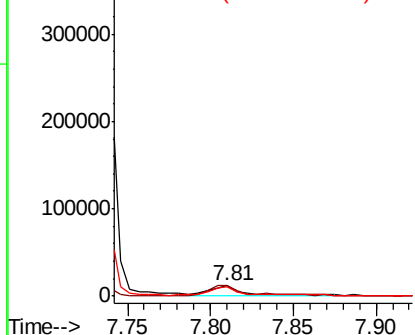


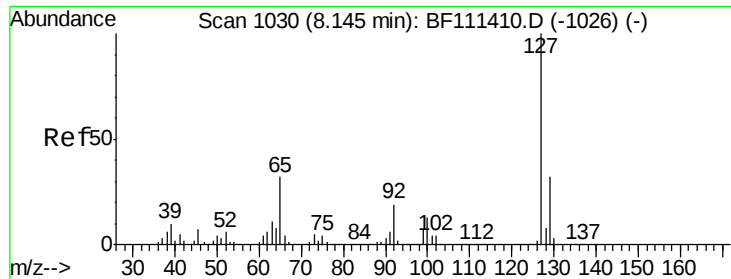
#32
Benzoic acid
Concen: 3.517 ng m
RT: 7.81 min Scan# 973
Delta R.T. -0.06 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion:122 Resp: 20704
Ion Ratio Lower Upper
122 100
105 111.5 97.0 137.0
77 86.6 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





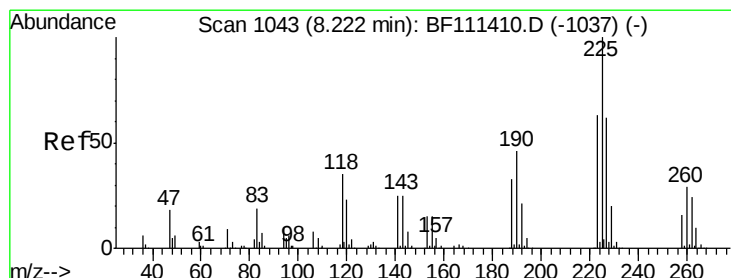
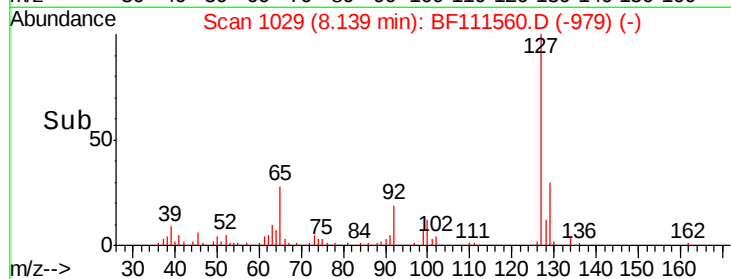
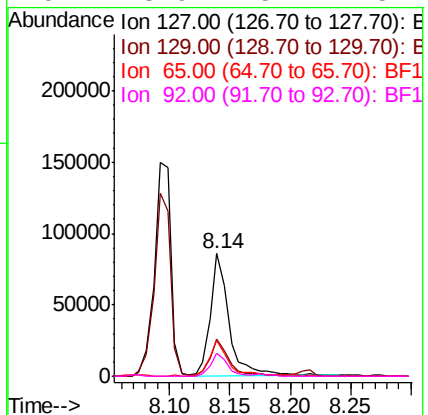
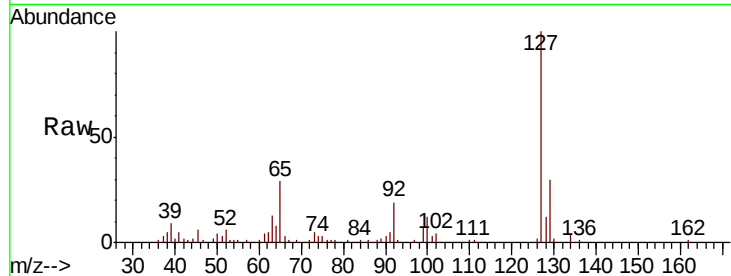
#33
4-Chloroaniline
Concen: 8.290 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		91194		
129	30.2	26.6	39.8		
65	29.2	25.7	38.5		
92	18.9	15.4	23.2		

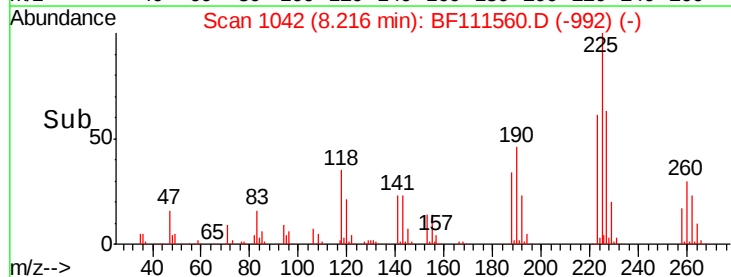
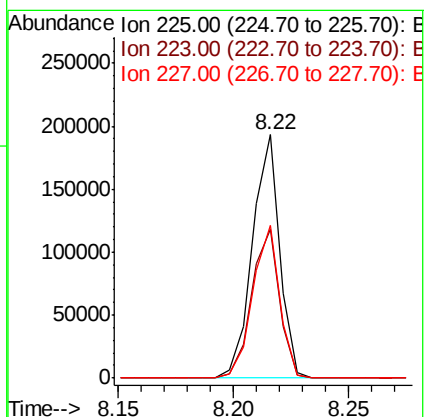
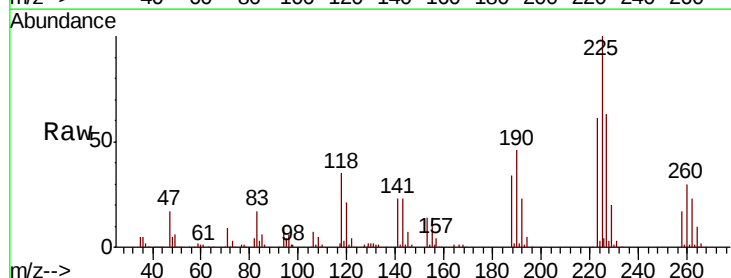
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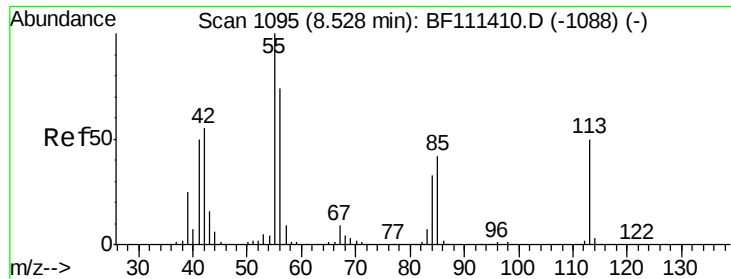
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12/18/2018 12:49:48 PM



#34
Hexachlorobutadiene
Concen: 38.048 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		159568		
223	61.2	50.7	76.1		
227	62.9	52.6	78.8		





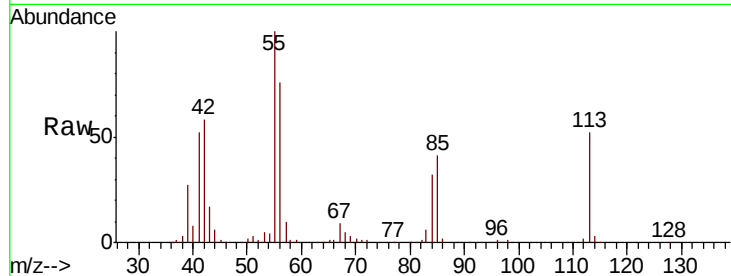
#35
Caprolactam
Concen: 35.065 ng/ml
RT: 8.51 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	193.3	184.1	224.1
56	146.6	126.0	166.0

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12/18/2018 12:49:48 PM

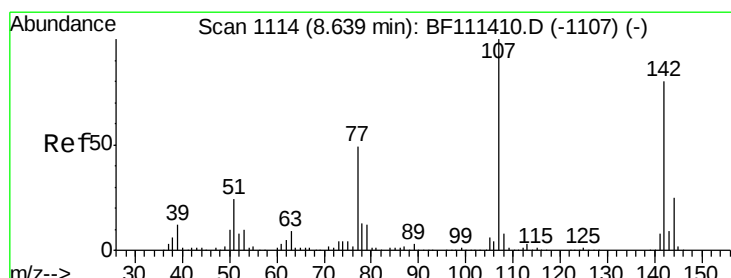
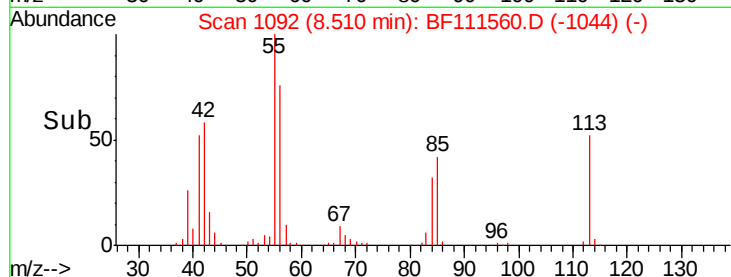
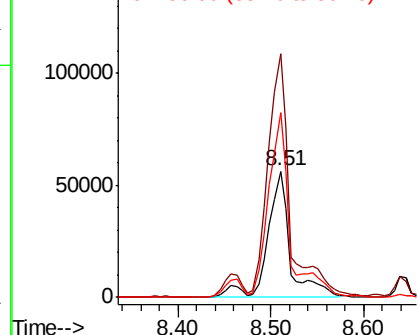


Abundance

Ion 113.00 (112.70 to 113.70): E

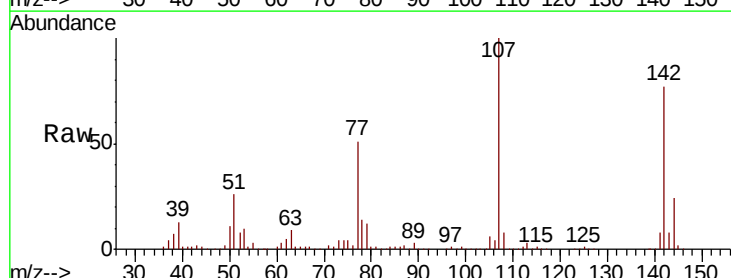
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 39.377 ng/ml
RT: 8.64 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.8	29.6
142	77.3	62.3	93.5

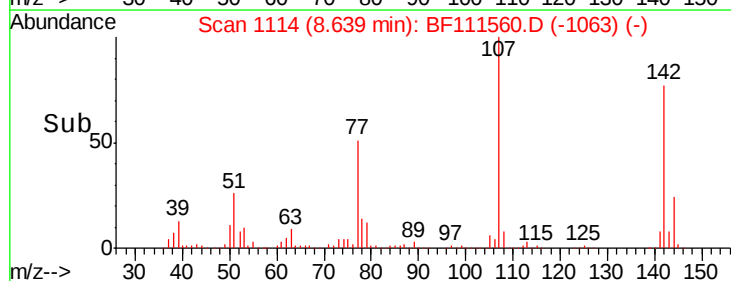
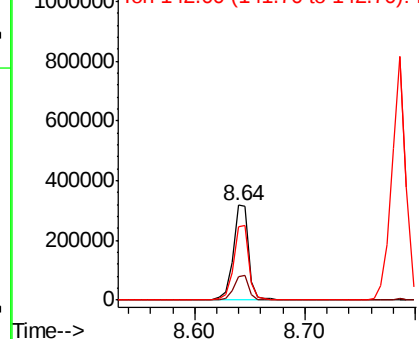


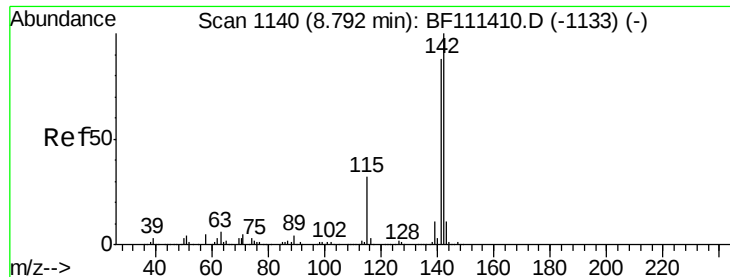
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





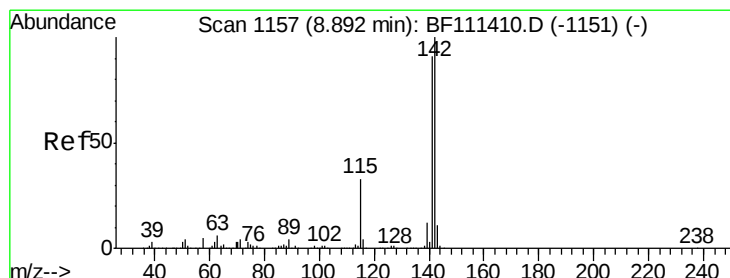
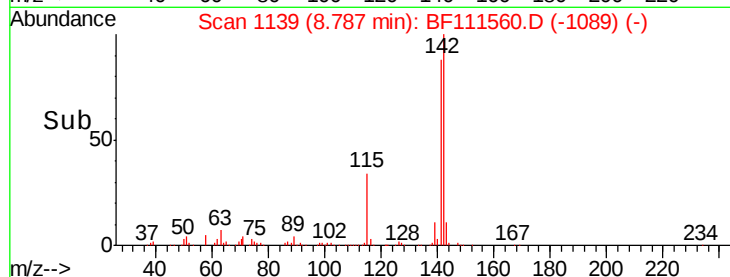
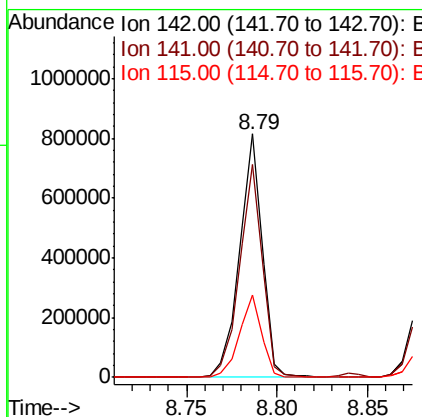
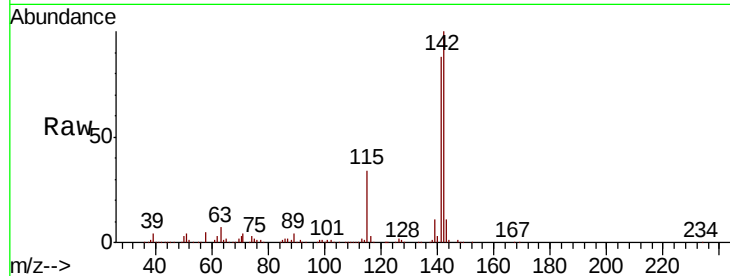
#37
2-Methylnaphthalene
Concen: 42.339 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.6	105.8
115	33.9	27.0	40.6

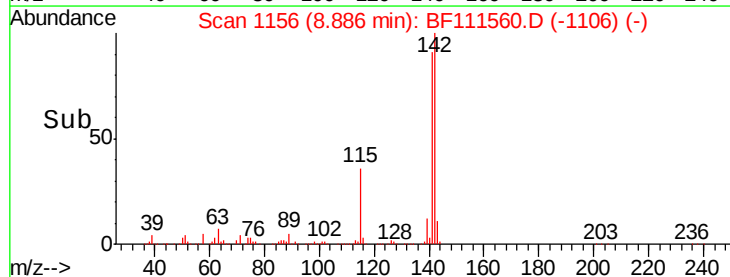
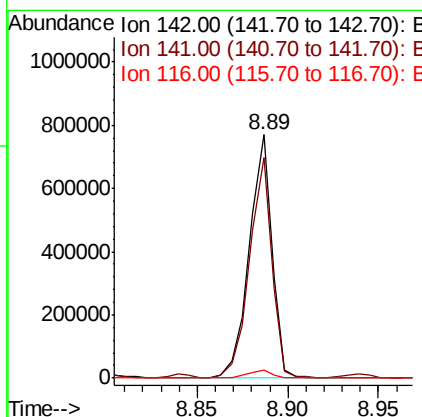
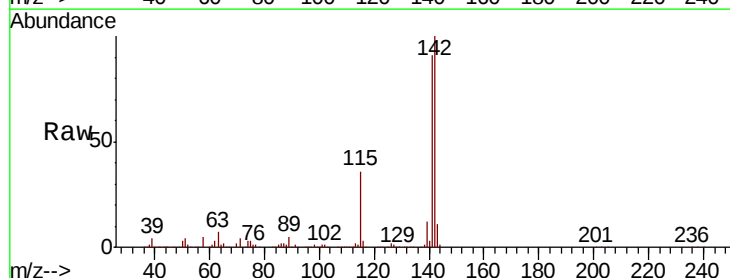
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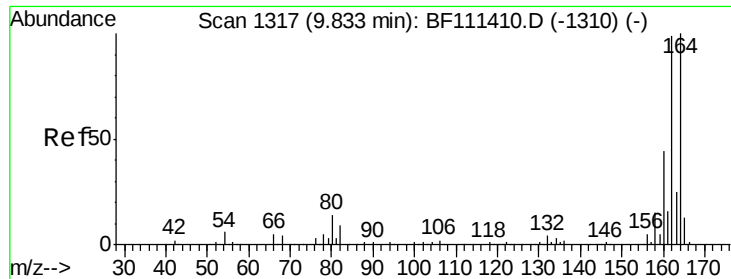
Sohil
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#38
1-Methylnaphthalene
Concen: 41.134 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.2	111.4
116	3.5	2.9	4.3





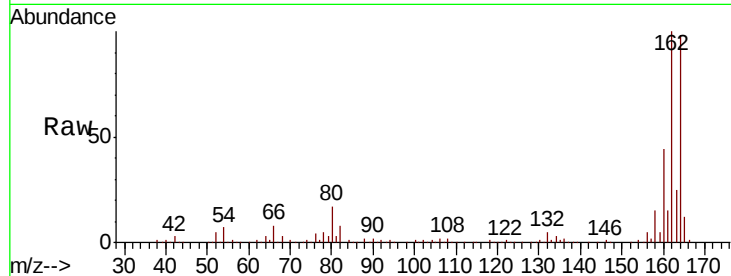
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	243430		
162	102.0	81.4	122.0	
160	44.8	35.7	53.5	

Manual Integrations
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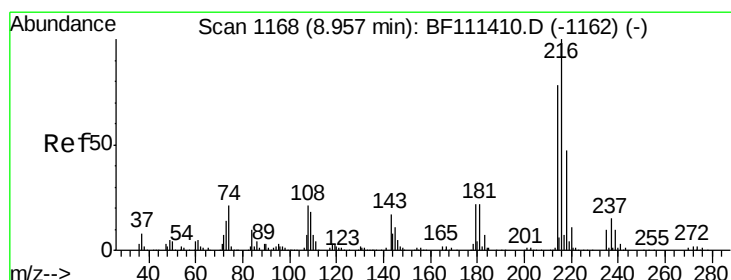
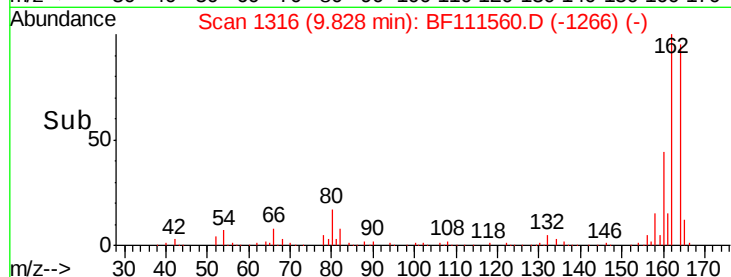
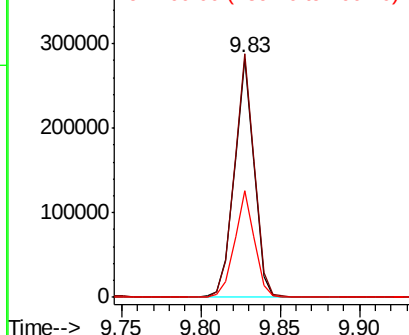


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.720 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	265165		
214	78.5	63.8	95.8	
179	22.8	17.9	26.9	
108	20.4	18.4	27.6	

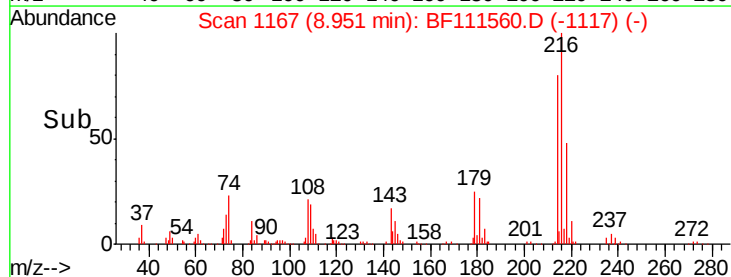
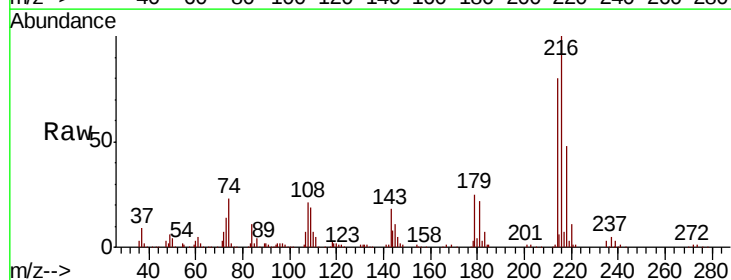
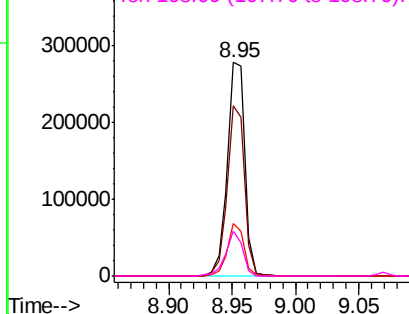
Abundance

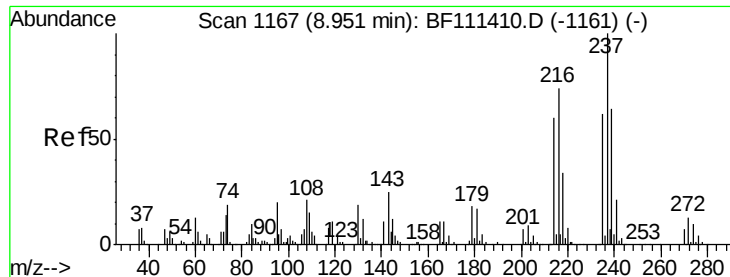
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 24.934 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

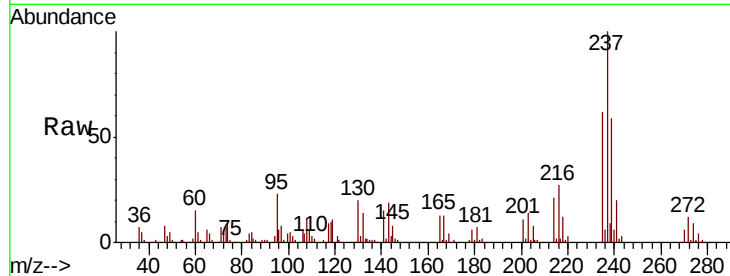
ClientSampleId :

TP-6-AMS

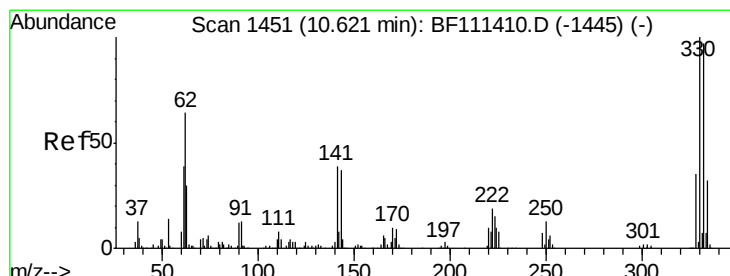
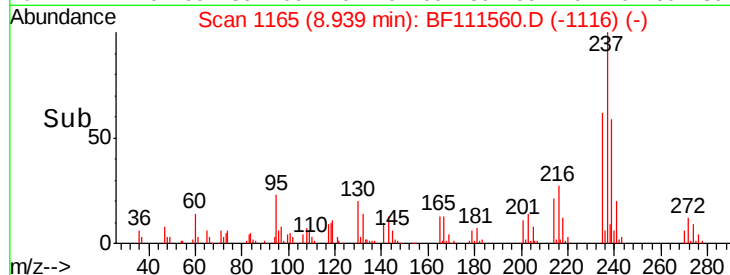
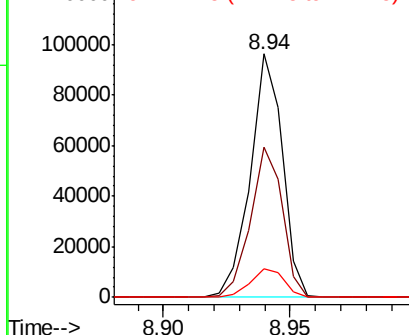
Tot Ion:	237	Resp:	85462
Ion Ratio	Lower	Upper	
237	100		
235	61.6	43.1	83.1
272	11.7	0.0	33.0

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 122.630 ng

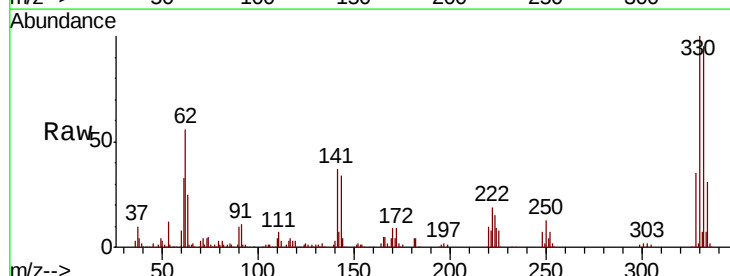
RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

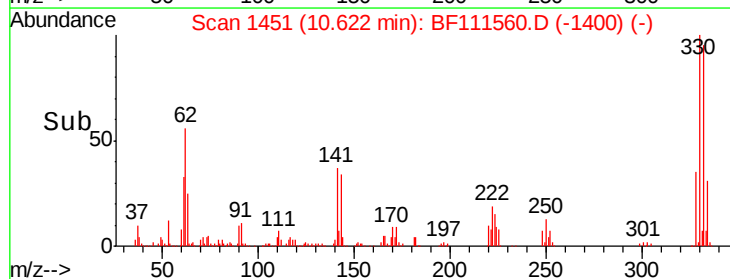
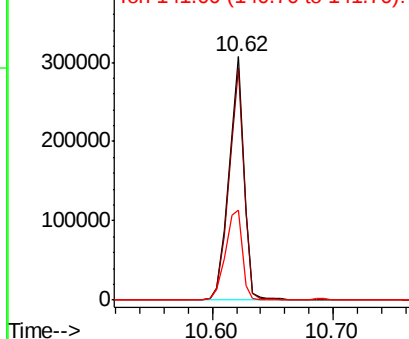
Lab File: BF111560.D

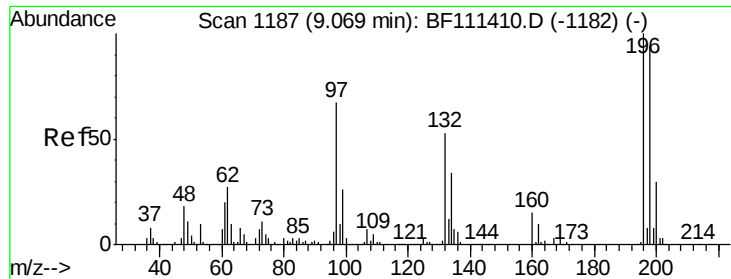
Acq: 18 Dec 2018 1:03

Tgt Ion:	330	Resp:	267409
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.0	114.0
141	41.6	31.0	46.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





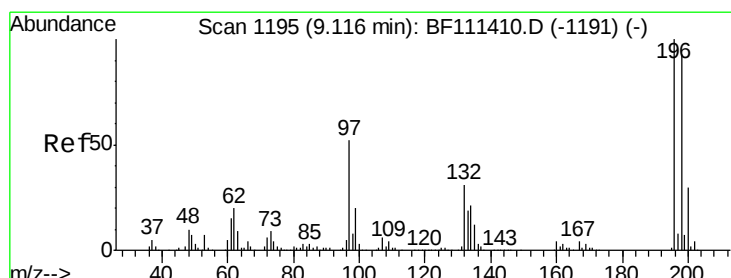
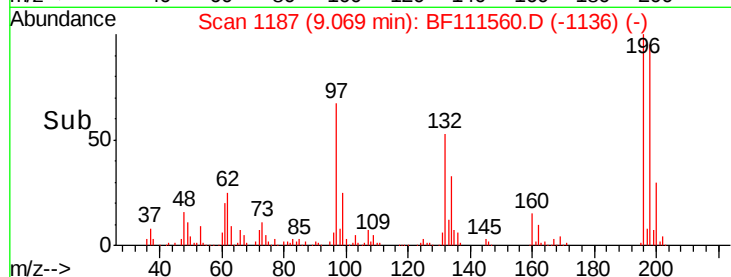
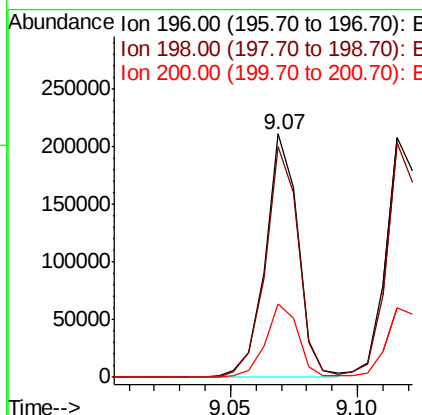
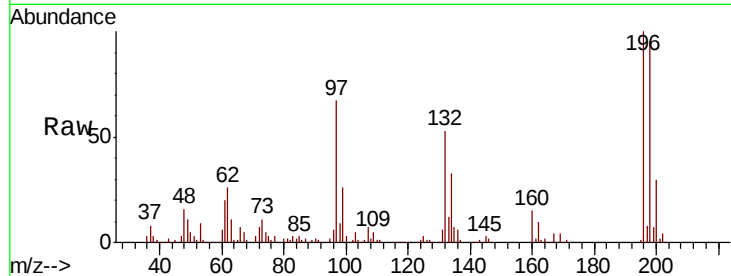
#43
2,4,6-Trichlorophenol
Concen: 39.888 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampled :
TP-6-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	188467		
198	94.8	76.3	114.5	
200	30.2	24.9	37.3	

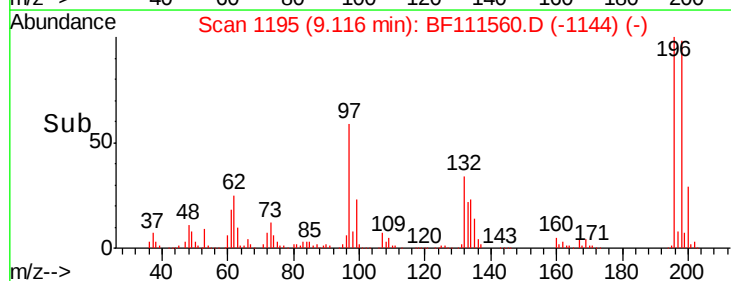
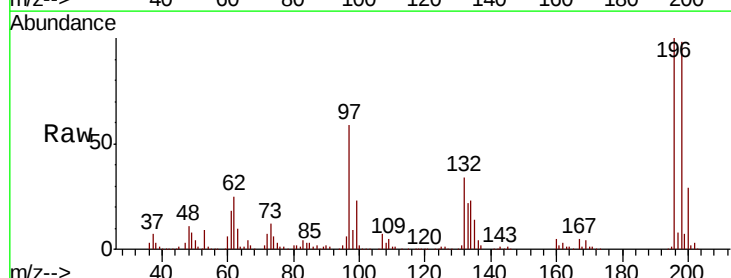
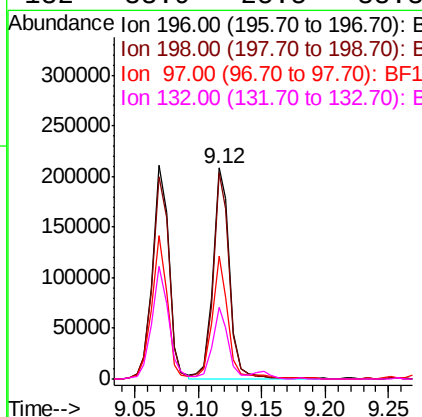
Manual Integrations
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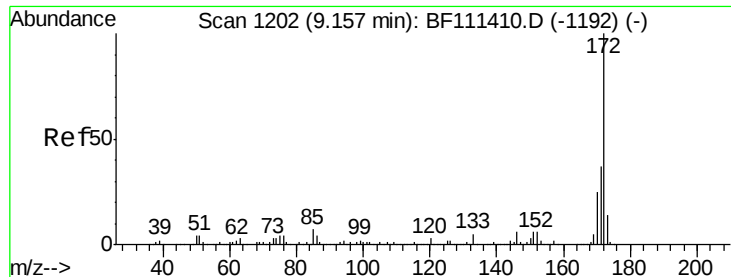
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#44
2,4,5-Trichlorophenol
Concen: 38.936 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	195765		
198	97.9	72.9	109.3	
97	58.5	45.3	67.9	
132	33.9	25.5	38.3	





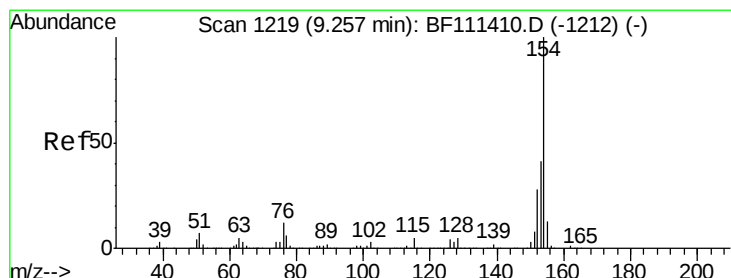
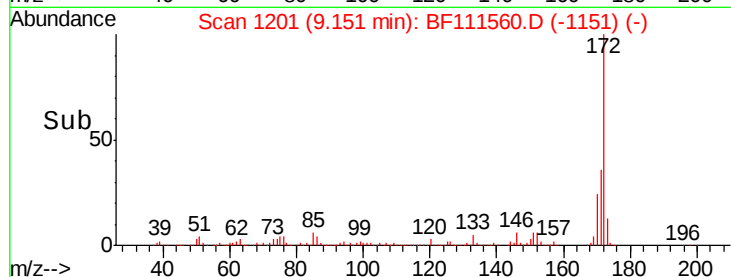
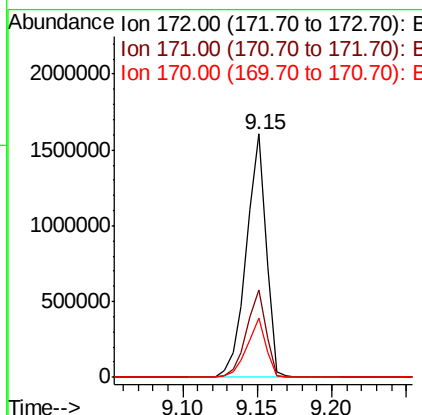
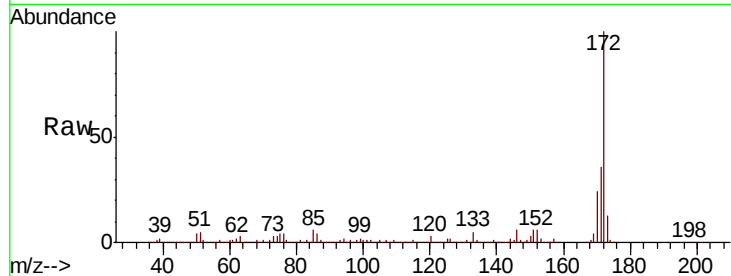
#45
2-Fluorobiphenyl
Concen: 93.713 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	33.0	49.4
170	24.3	22.3	33.5

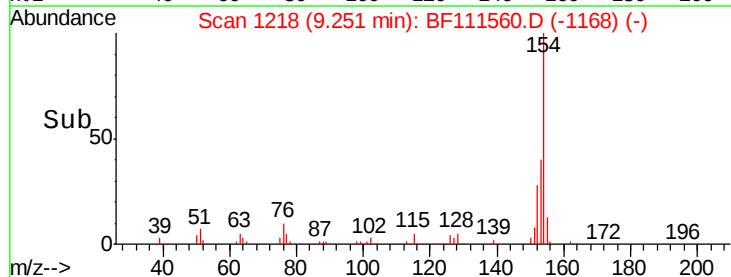
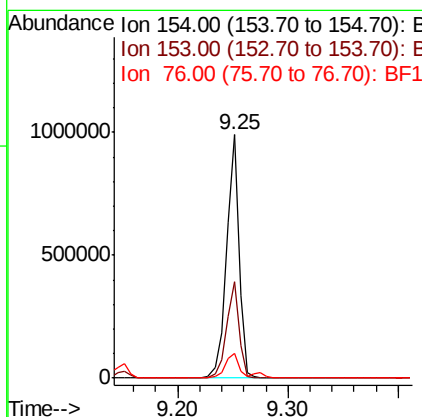
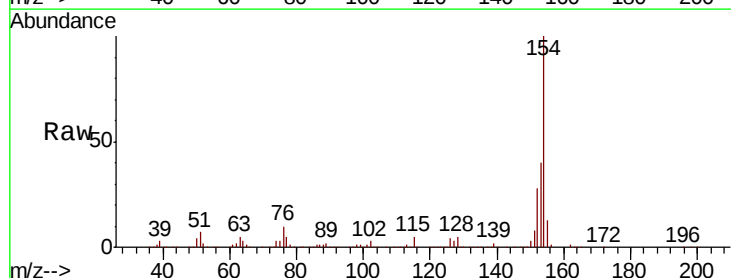
Manual Integrations
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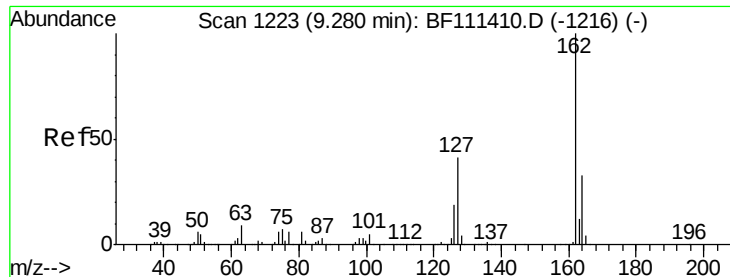
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#46
1,1'-Biphenyl
Concen: 38.363 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	23.7	63.7
76	10.1	0.0	35.0





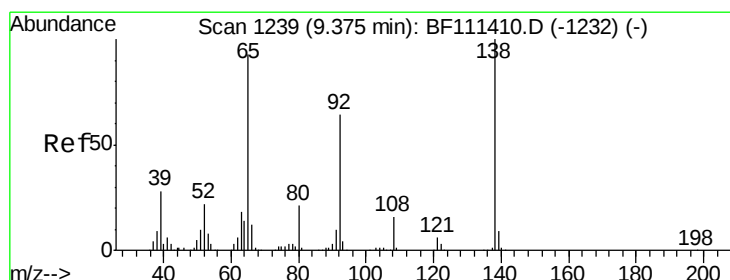
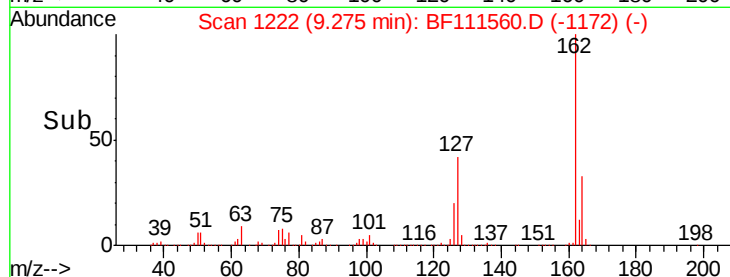
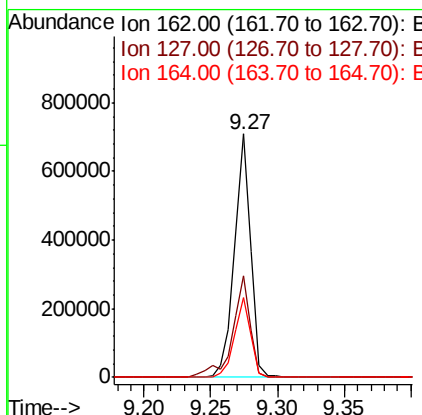
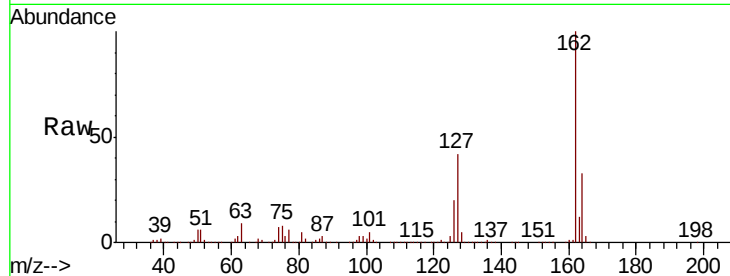
#47
 2-Chloronaphthalene
 Concen: 39.126 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	41.6	35.0	52.4		
164	32.9	28.4	42.6		

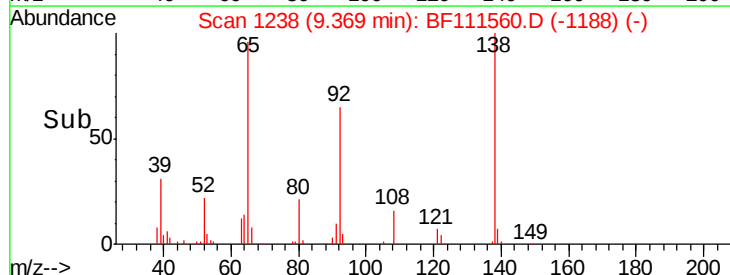
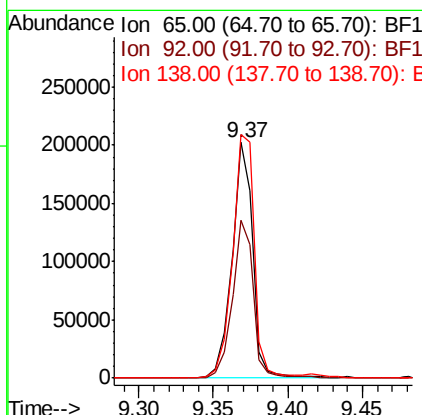
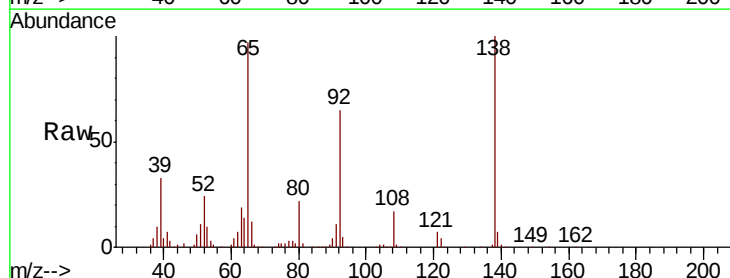
Manual Integrations
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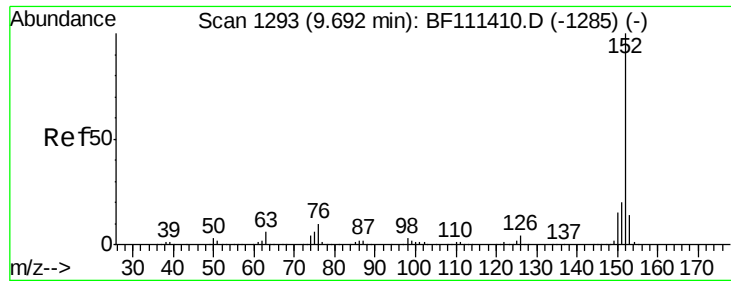
Sohil
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#48
 2-Nitroaniline
 Concen: 39.203 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	67.2	53.5	80.3		
138	103.4	80.9	121.3		





#49

Acenaphthylene

Concen: 42.665 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

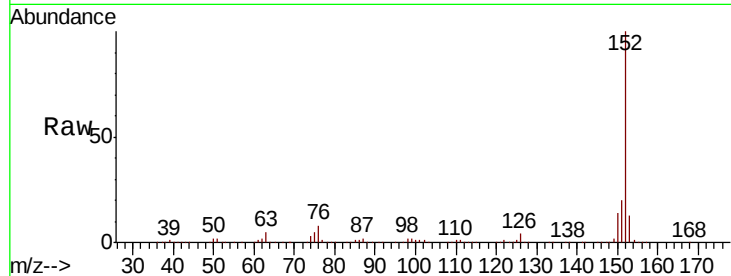
ClientSampled :

TP-6-AMS

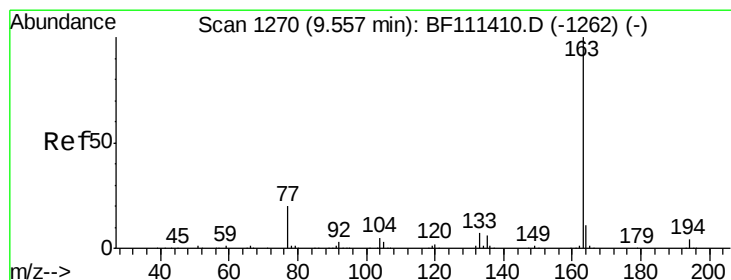
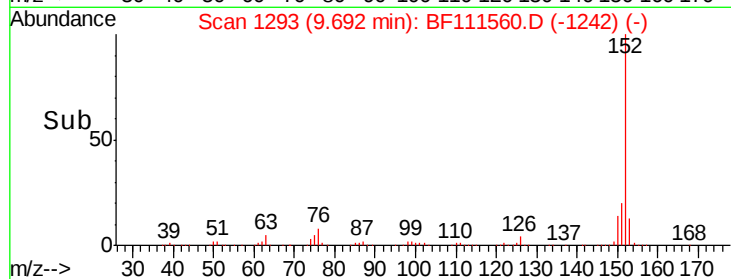
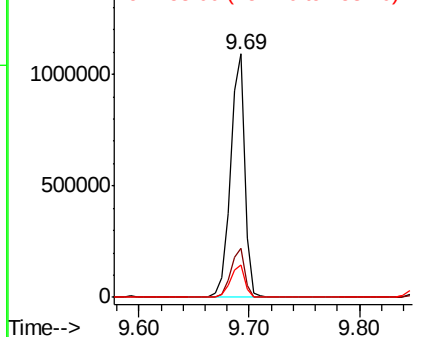
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		992913		
151	19.9	18.0	27.0		
153	13.1	12.3	18.5		

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.583 ng

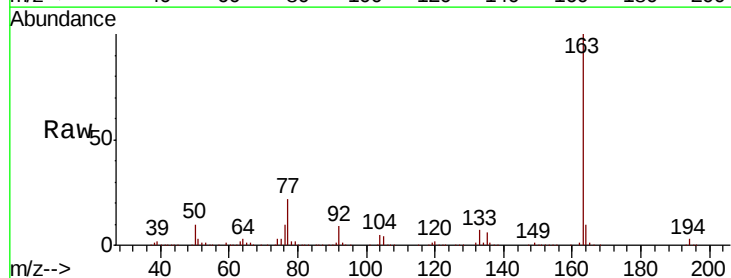
RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

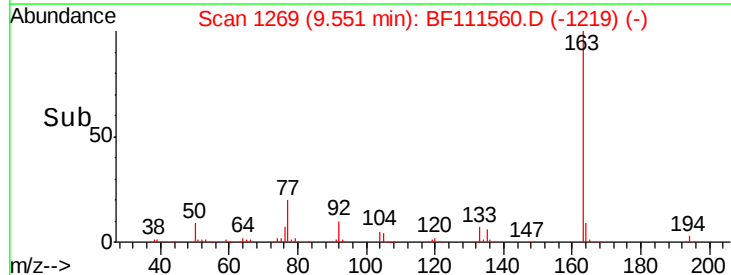
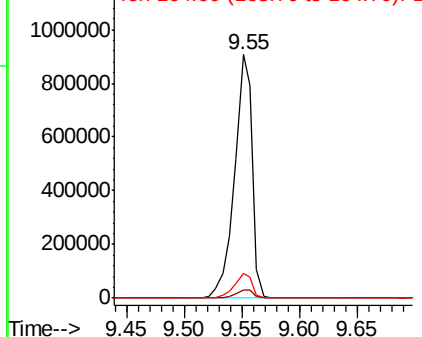
Lab File: BF111560.D

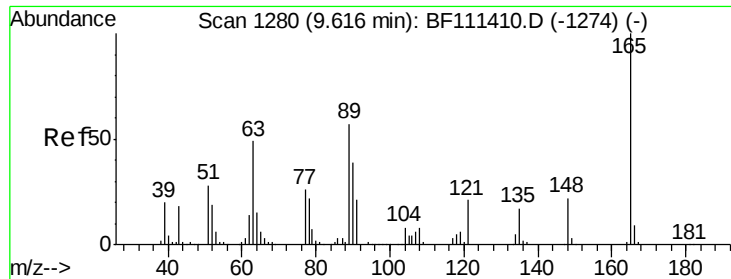
Acq: 18 Dec 2018 1:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		956912		
194	3.3	3.0	4.6		
164	10.3	8.9	13.3		



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





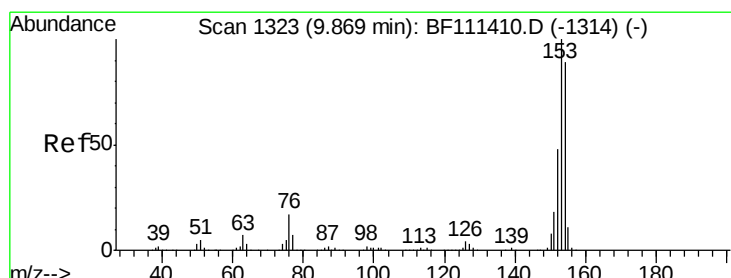
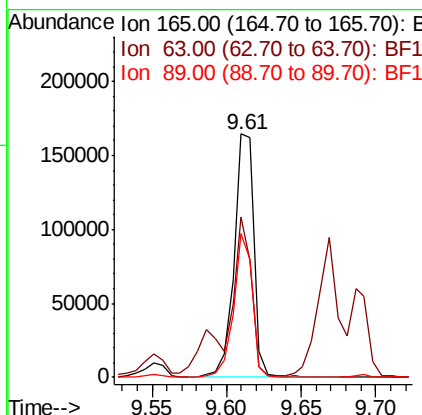
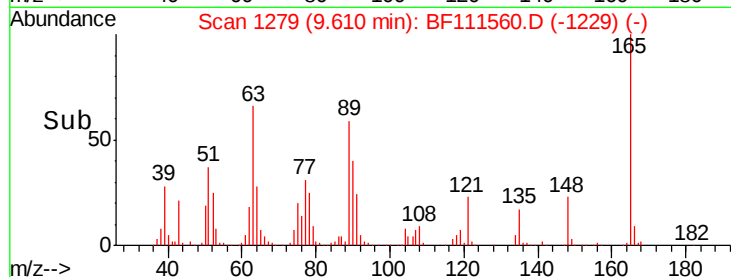
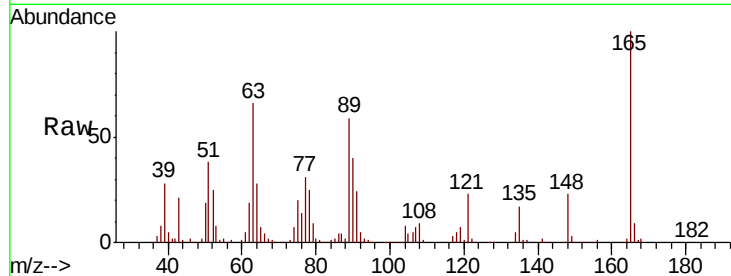
#51
2,6-Dinitrotoluene
Concen: 39.179 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	154604		
63	66.0		40.5	60.7#
89	58.8		40.0	60.0

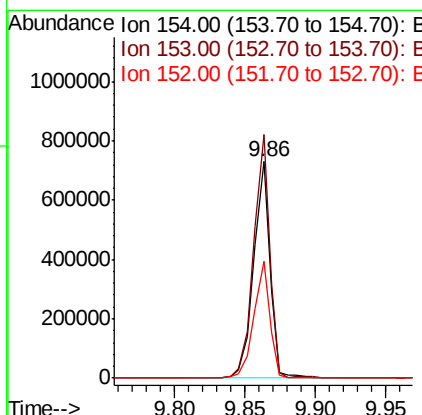
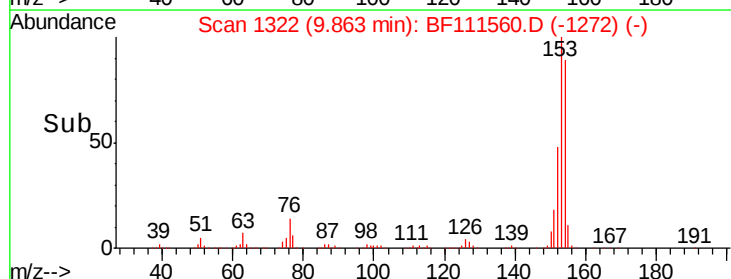
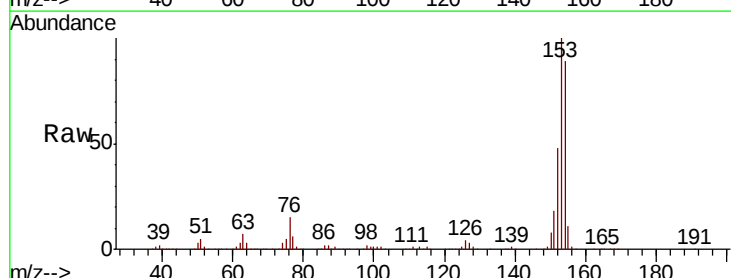
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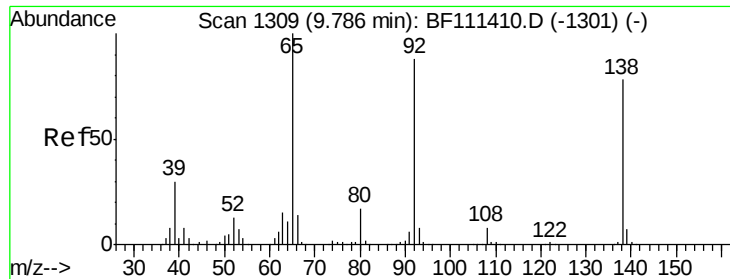
Sohil
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#52
Acenaphthene
Concen: 40.626 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	597566		
153	112.6		87.8	131.8
152	54.2		43.4	65.2





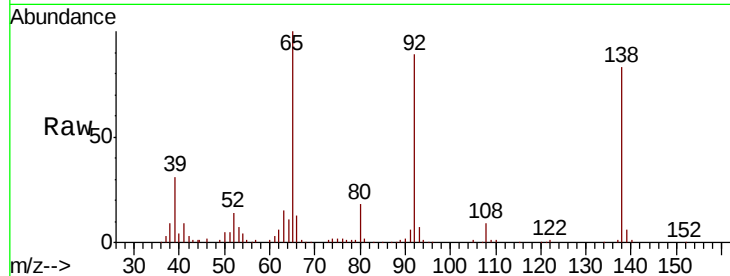
#53
3-Nitroaniline
Concen: 21.819 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	104583		
108	10.3	8.2	12.4	
92	107.1	93.4	140.2	

Manual Integrations
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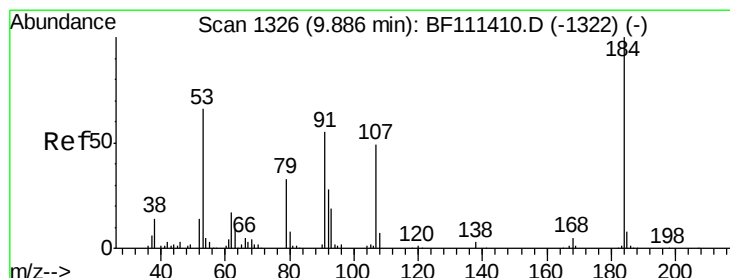
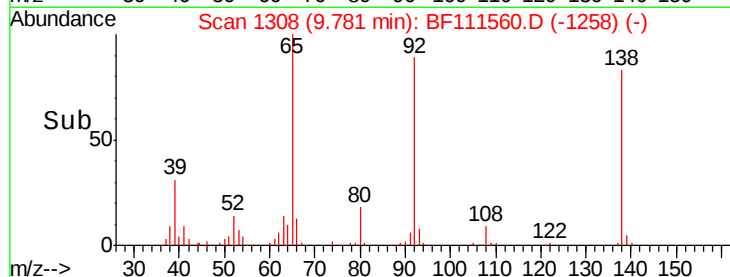
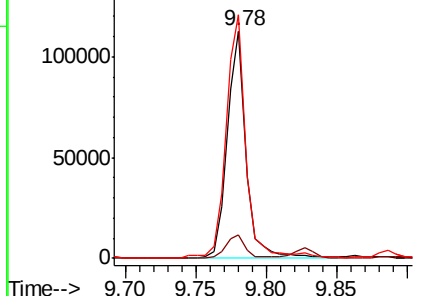


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 8.441 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

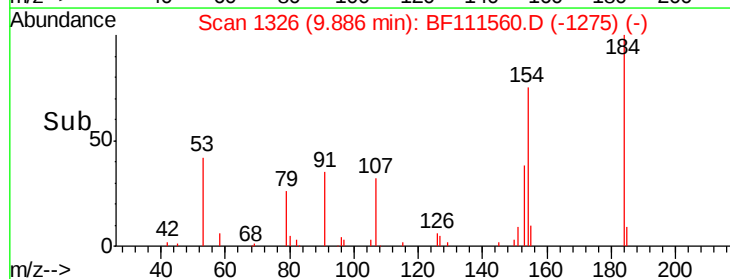
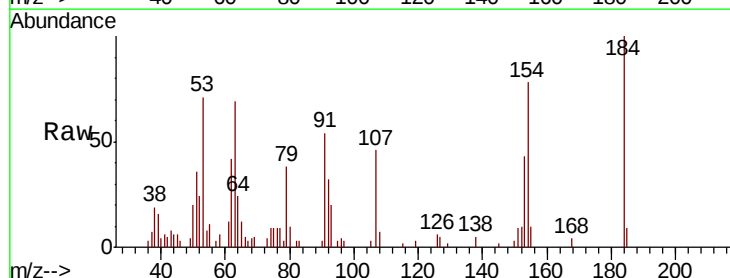
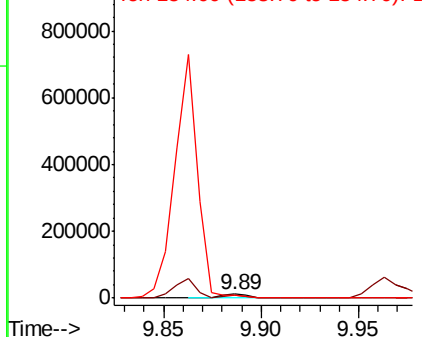
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	12673		
63	69.0	62.3	93.5	
154	77.9	56.2	84.2	

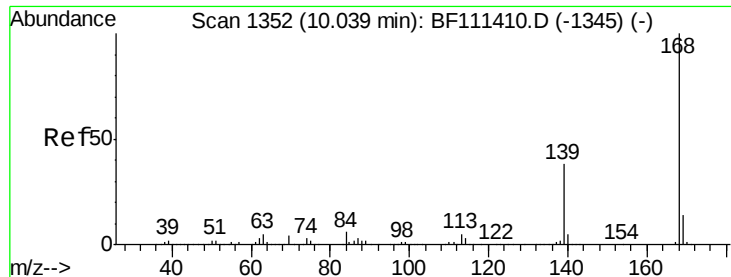
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





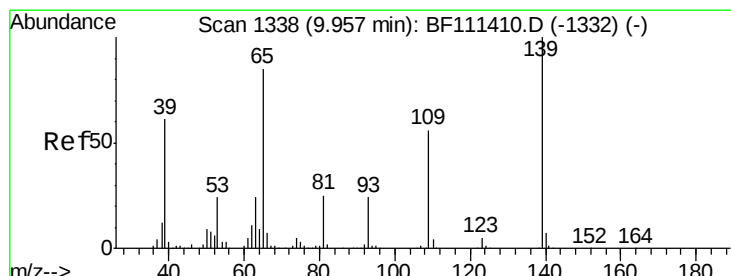
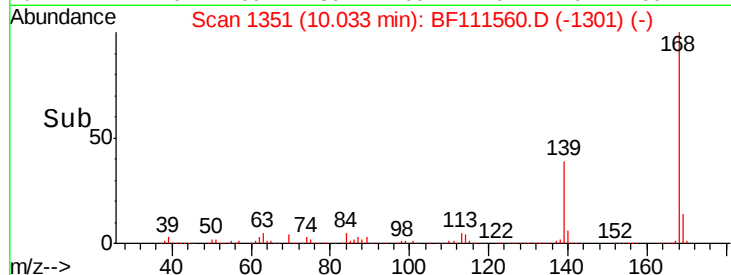
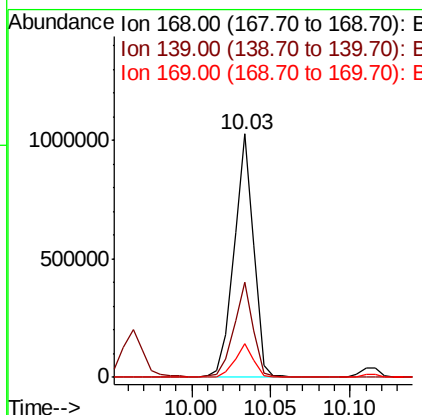
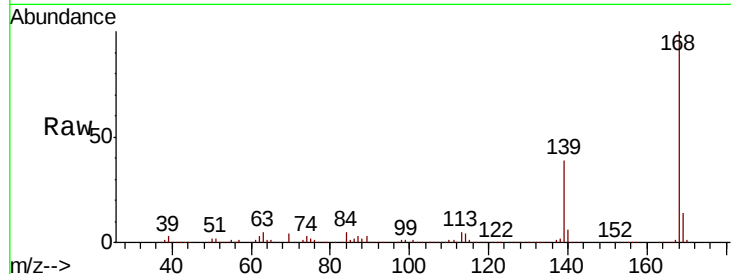
#55
Dibenzenofuran
Concen: 41.191 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	879463		
139	39.0		32.6	49.0
169	13.6		11.8	17.6

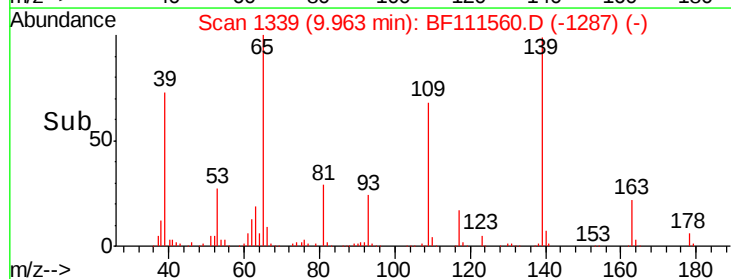
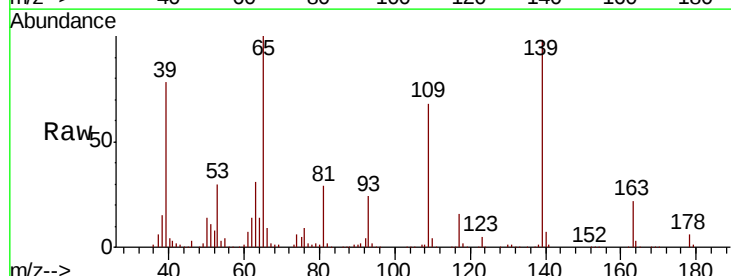
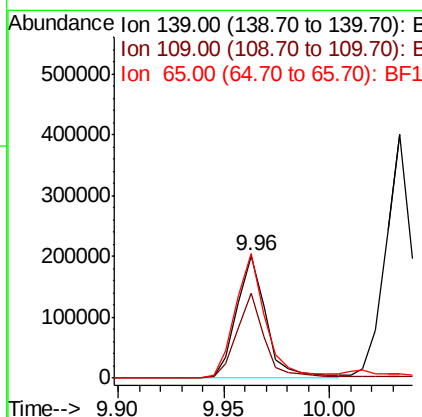
Manual Integrations
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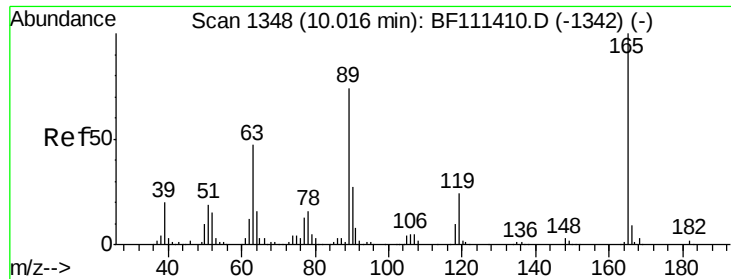
Sohil
12/18/2018 12:49:48 PM



#56
4-Nitrophenol
Concen: 58.672 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	194618		
109	69.0		41.8	81.8
65	102.1		79.6	119.6





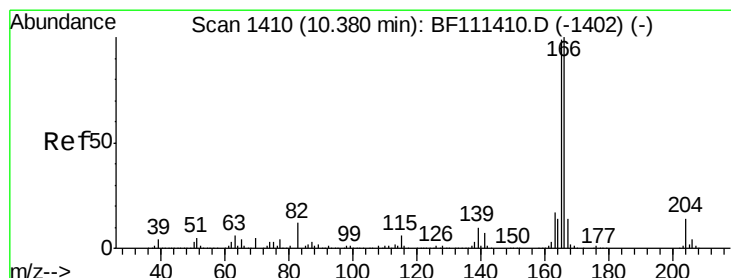
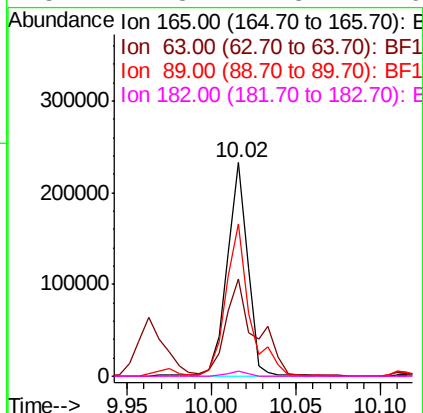
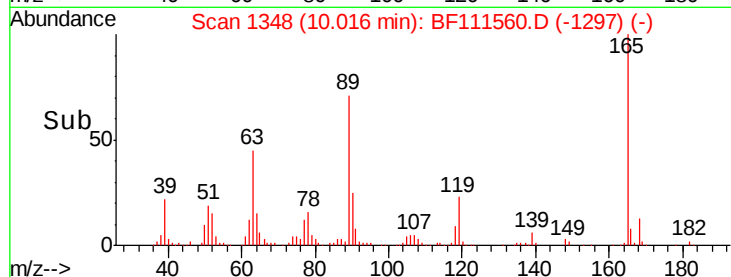
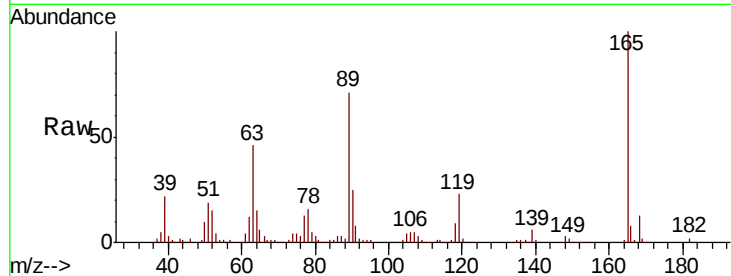
#57
2,4-Dinitrotoluene
Concen: 37.620 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.6	34.6	52.0
89	71.2	56.2	84.4
182	2.3	1.8	2.6

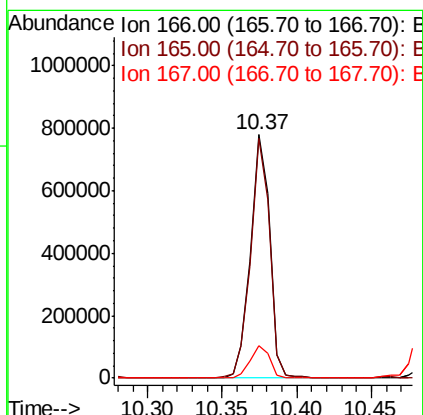
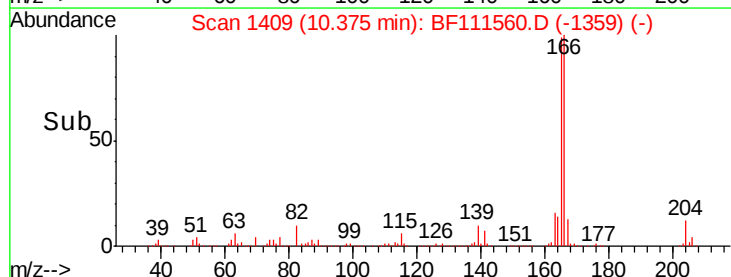
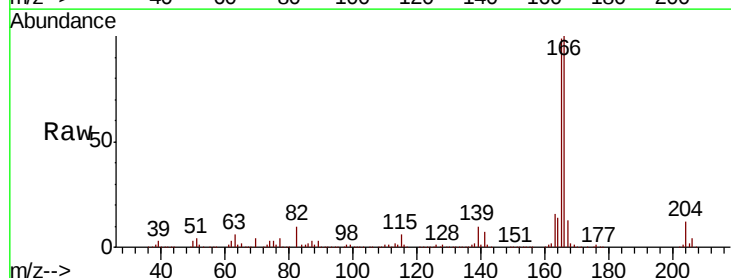
Manual Integrations
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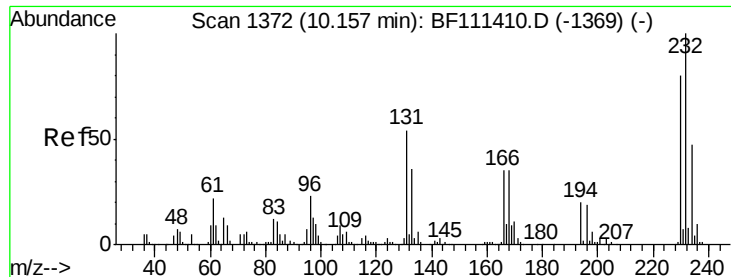
Sohil
12/18/2018 12:49:48 PM



#58
Fluorene
Concen: 44.782 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.4	117.6
167	13.4	11.2	16.8





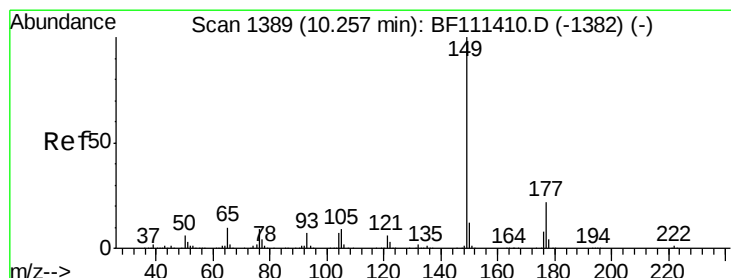
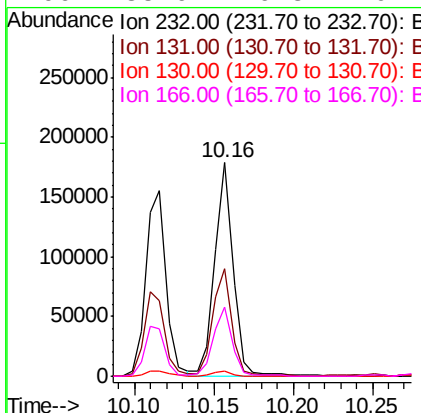
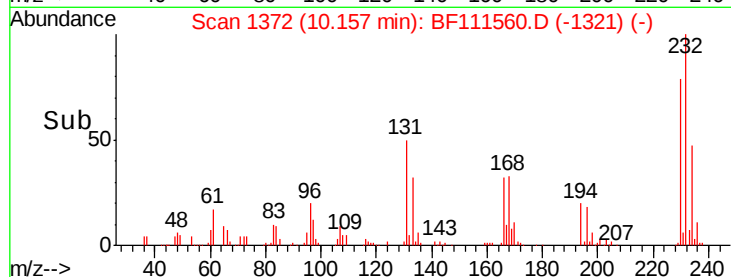
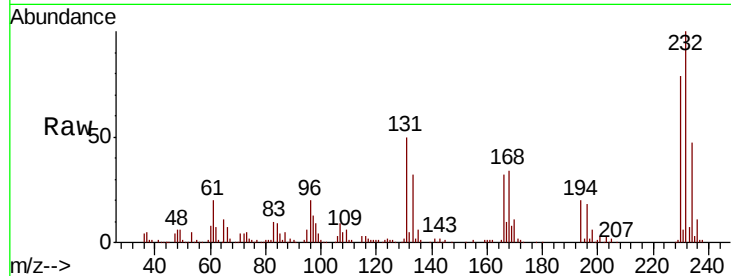
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.010 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampled :
TP-6-AMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	145387		
131	51.6	40.9	61.3	
130	2.5	2.0	3.0	
166	33.6	26.8	40.2	

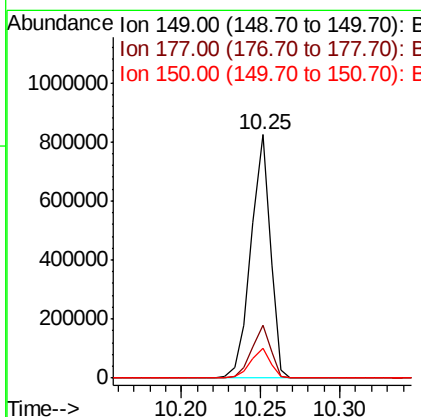
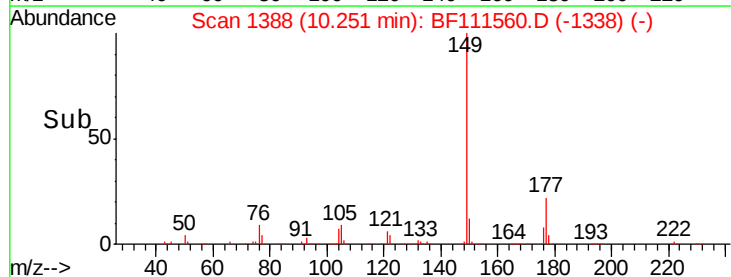
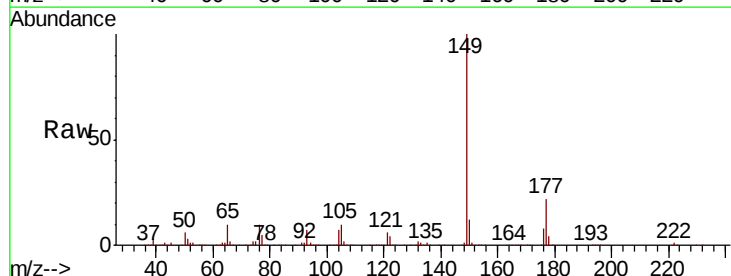
Manual Integrations
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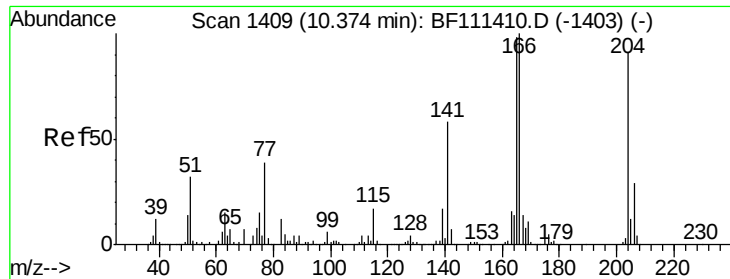
Sohil
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#60
Diethylphthalate
Concen: 39.626 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	703699		
177	21.7	18.3	27.5	
150	12.5	10.6	15.8	





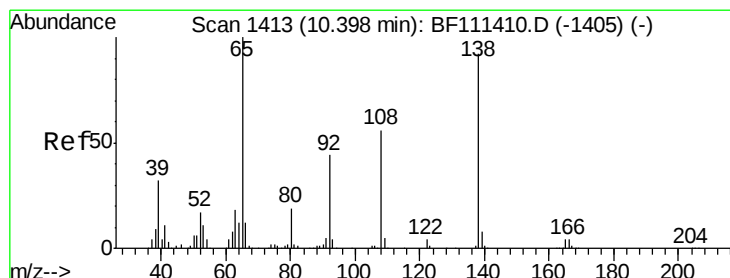
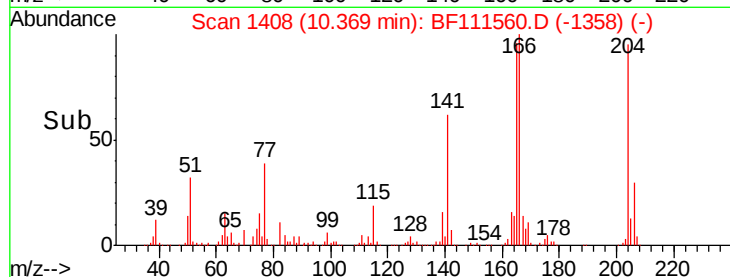
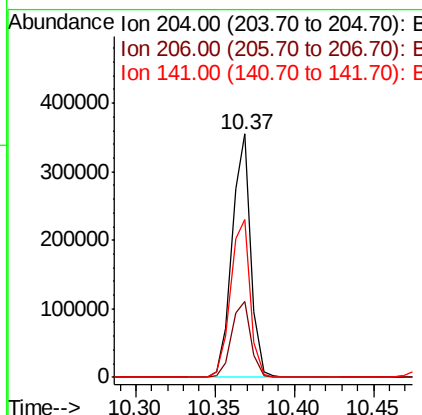
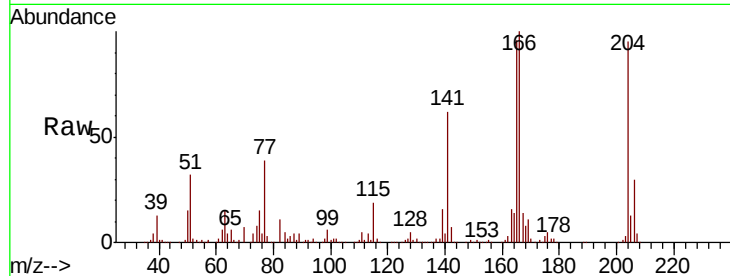
#61
 4-Chlorophenyl-phenylether
 Concen: 38.179 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMS

Tot Ion:	204	Resp:	289273
Ion Ratio	Lower	Upper	
204	100		
206	31.4	26.6	39.8
141	64.6	52.6	78.8

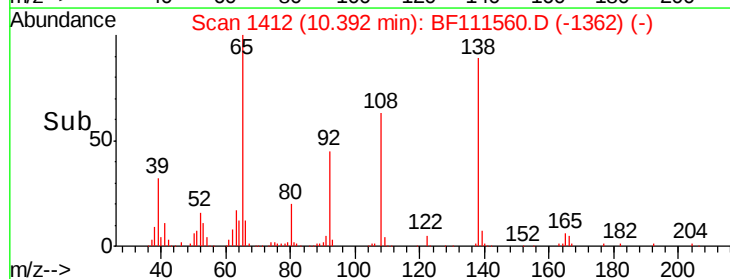
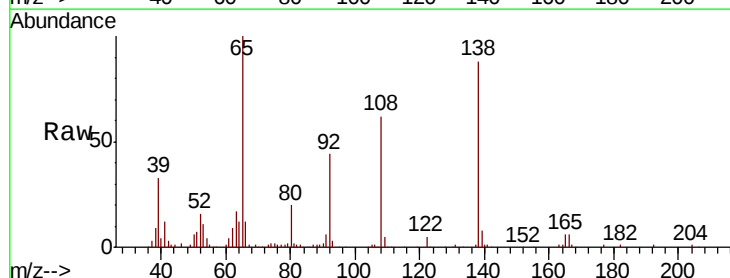
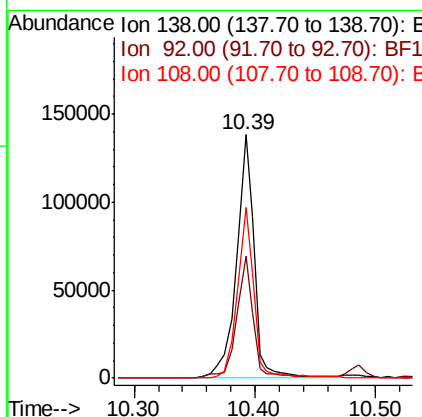
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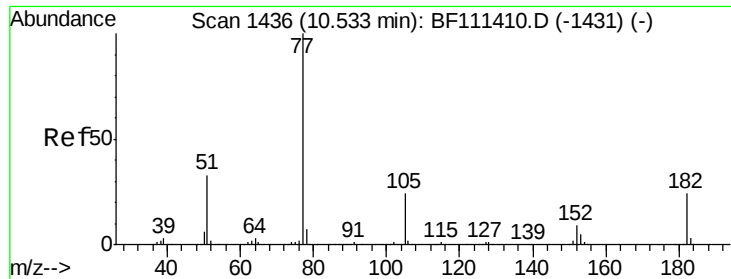
Sohil
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#62
 4-Nitroaniline
 Concen: 30.060 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Tgt Ion:	138	Resp:	142630
Ion Ratio	Lower	Upper	
138	100		
92	50.1	29.9	69.9
108	70.3	43.2	83.2





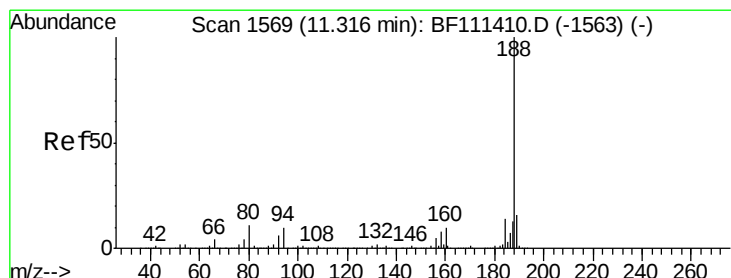
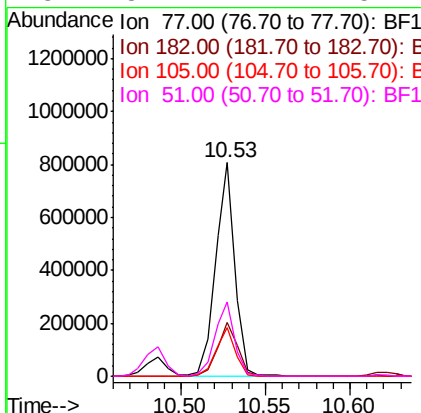
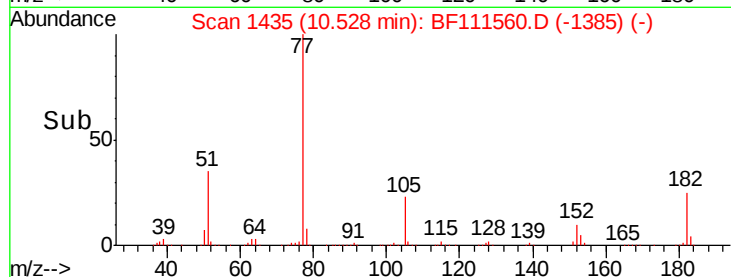
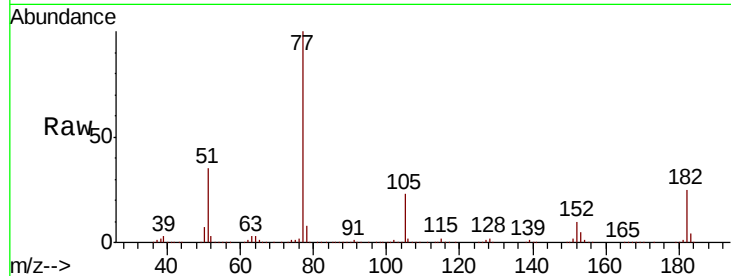
#63
Azobenzene
Concen: 36.562 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	25.4	4.9	44.9		
105	22.9	6.0	46.0		
51	34.7	14.7	54.7		

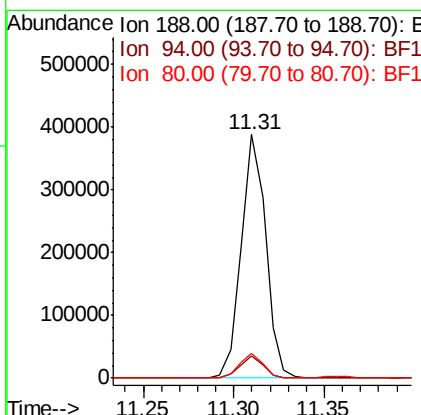
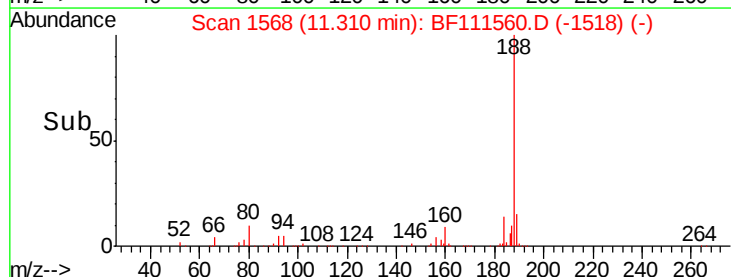
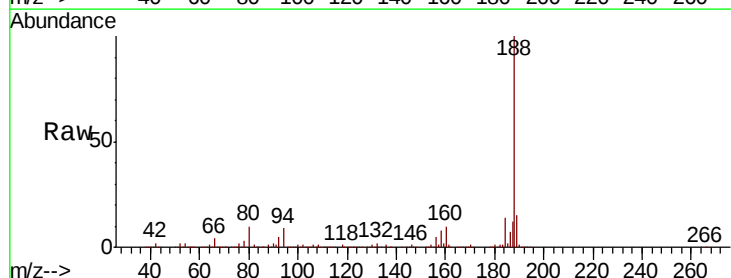
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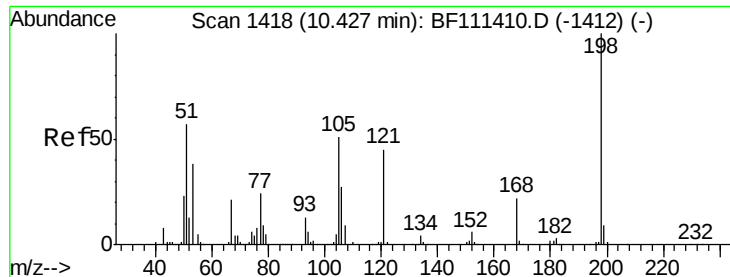
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.3	9.6	14.4#		
80	10.1	9.8	14.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 8.123 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

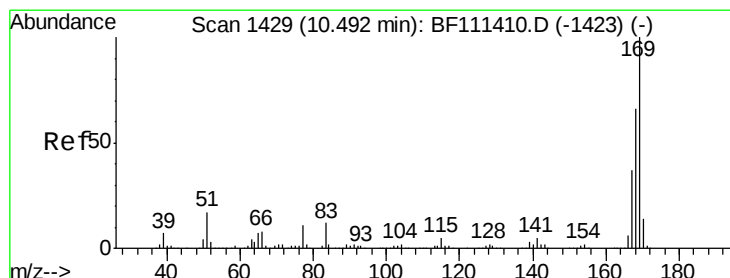
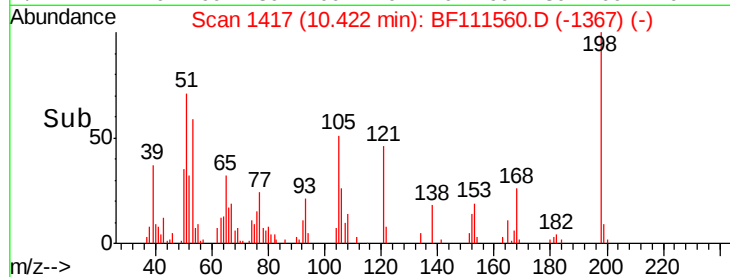
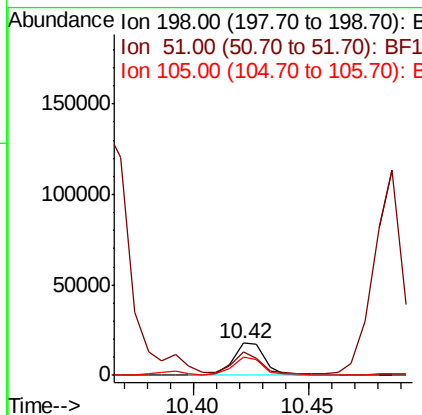
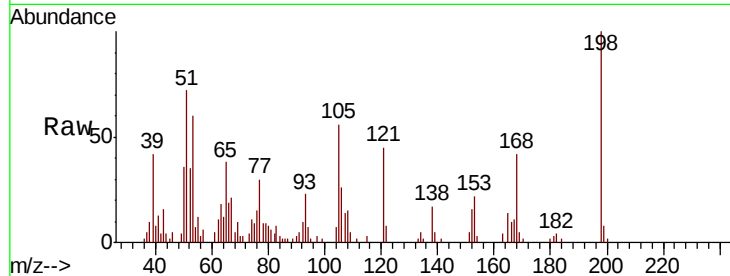
ClientSampleId :

TP-6-AMS

Tot Ion:	198	Resp:	16836
Ion Ratio	Lower	Upper	
198	100		
51	72.2	48.0	88.0
105	56.2	34.0	74.0

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12/18/2018 12:49:48 PM



#66

n-Nitrosodiphenylamine

Concen: 45.083 ng

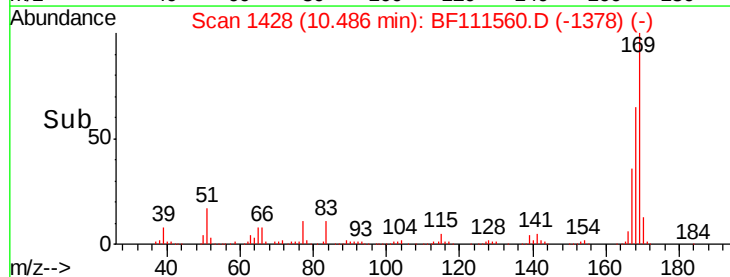
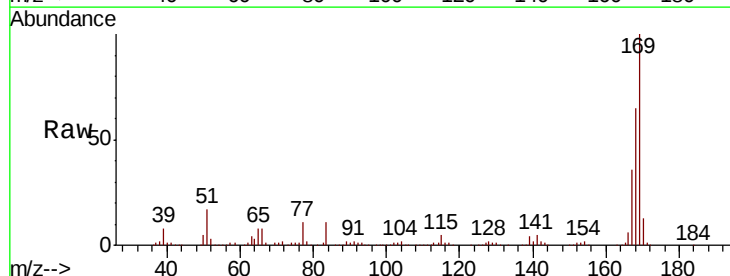
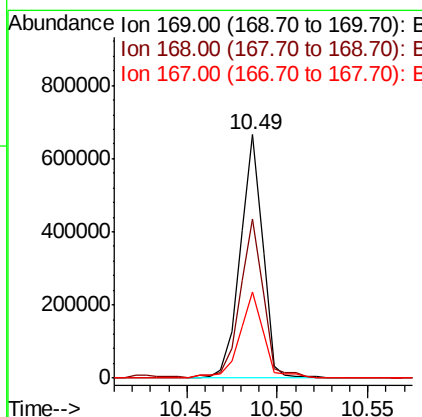
RT: 10.49 min Scan# 1428

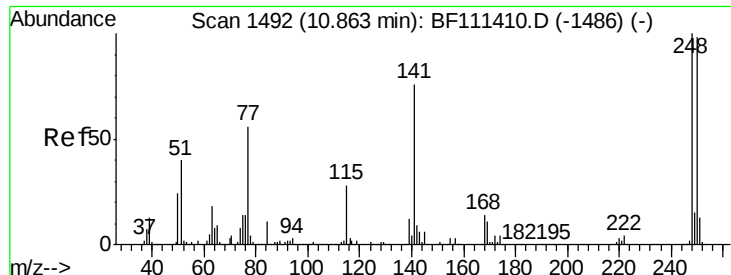
Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Tgt Ion:	169	Resp:	570763
Ion Ratio	Lower	Upper	
169	100		
168	65.4	54.4	81.6
167	35.6	30.5	45.7





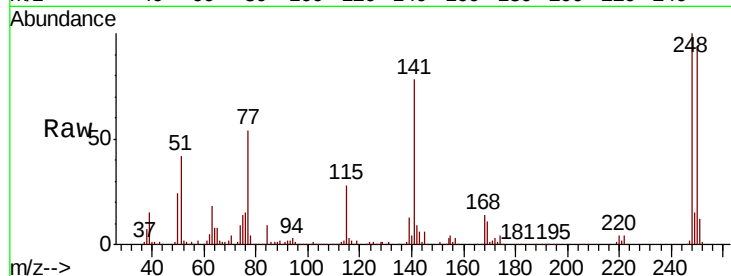
#67
4-Bromophenyl-phenylether
Concen: 42.517 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampled :
TP-6-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.4	77.0	115.4
141	78.0	63.0	94.6

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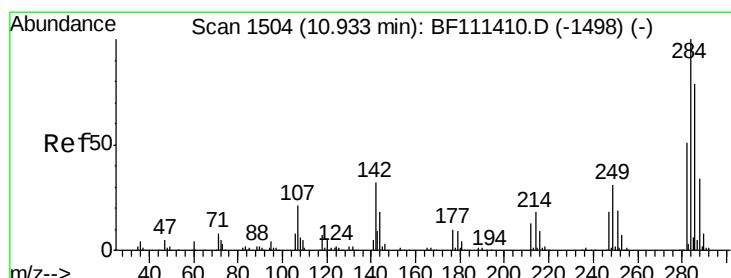
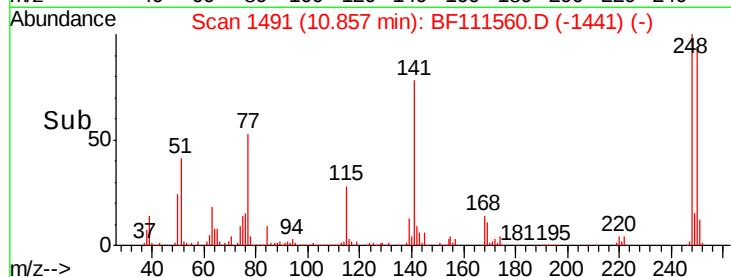
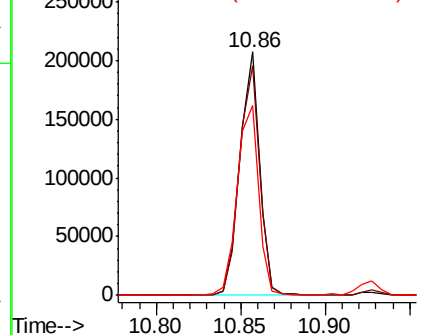


Abundance

Ion 248.00 (247.70 to 248.70): E

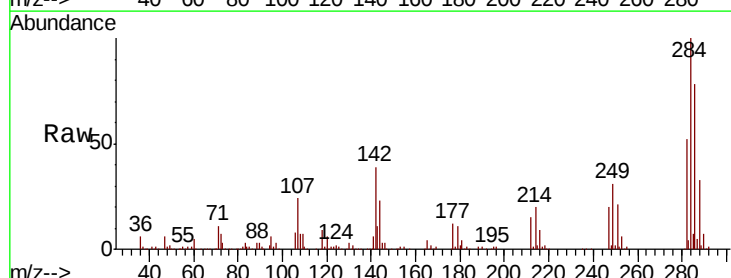
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.976 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.9	27.4	41.2
249	30.9	24.4	36.6

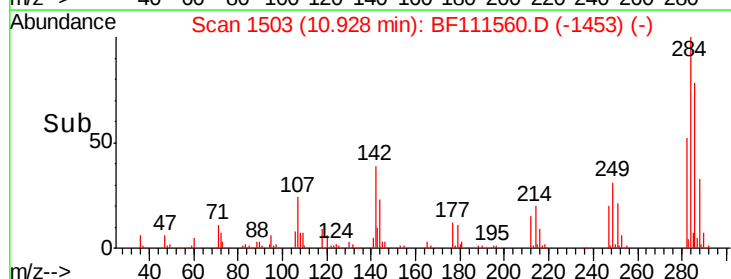
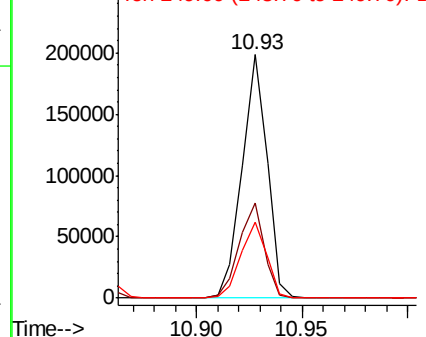


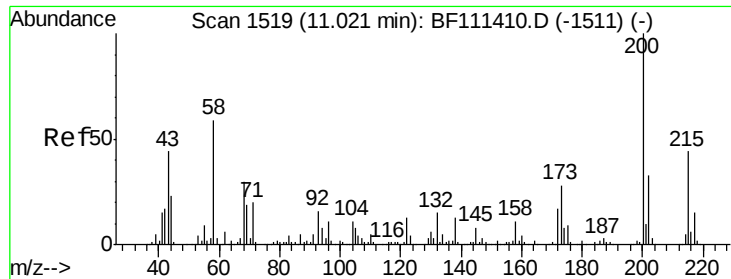
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





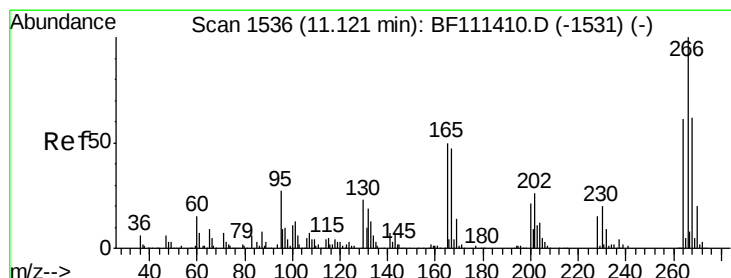
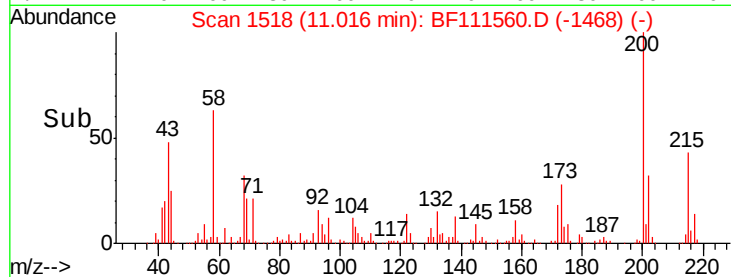
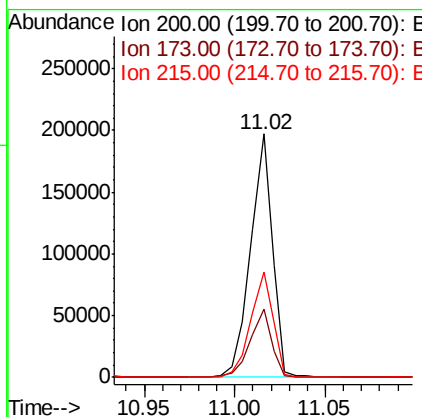
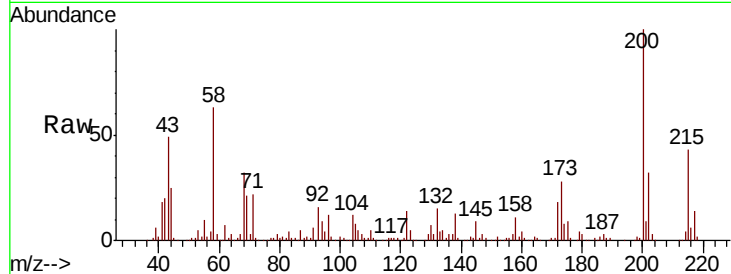
#69
Atrazine
Concen: 45.355 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampled :
TP-6-AMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.3	10.1	50.1
215	43.4	26.9	66.9

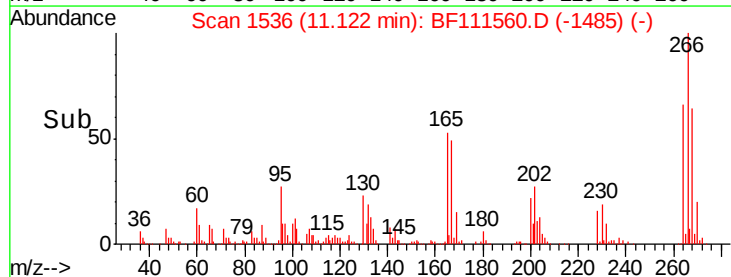
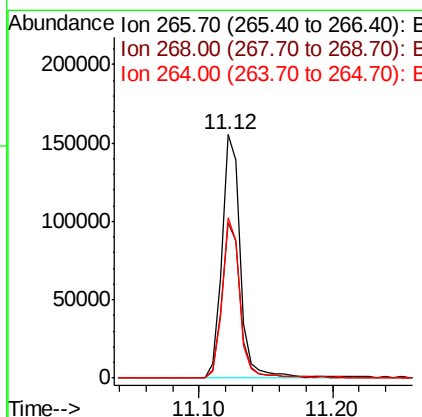
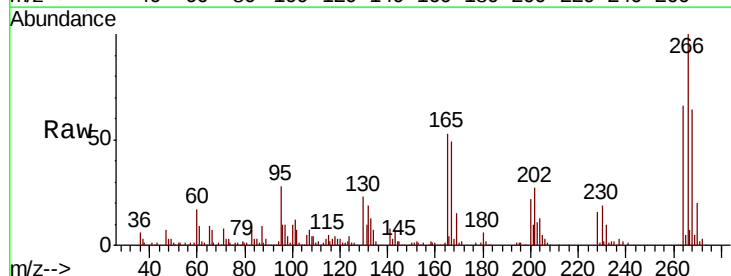
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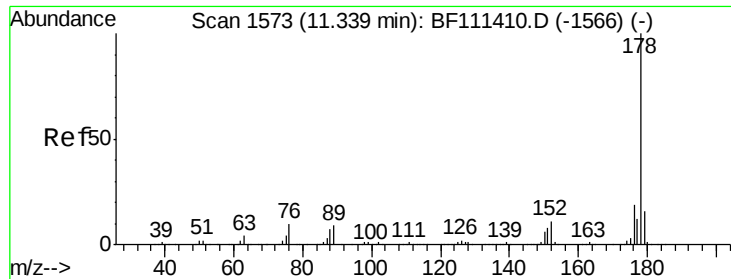
Sohil
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#70
Pentachlorophenol
Concen: 61.289 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.8	47.9	71.9
264	65.9	49.1	73.7





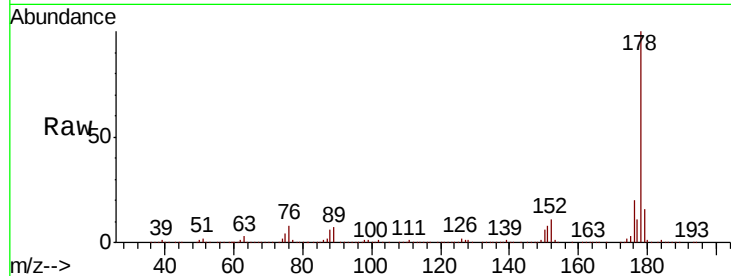
#71
Phenanthrene
Concen: 65.269 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

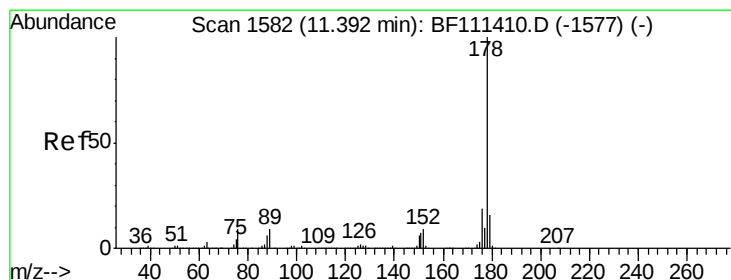
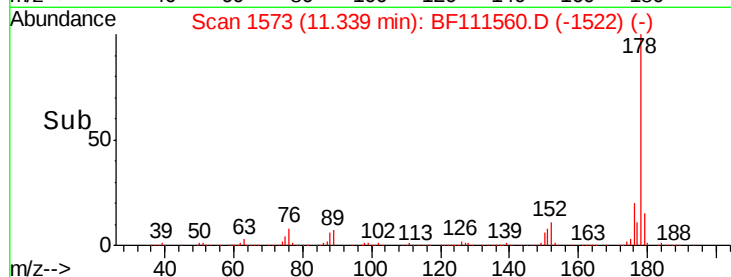
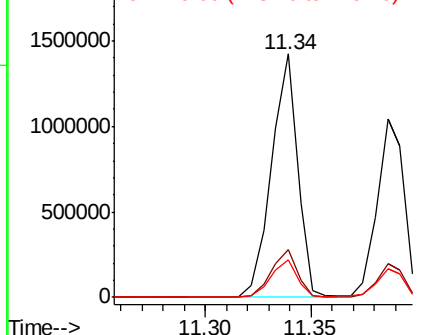
Tot Ion:178 Resp: 1234706
Ion Ratio Lower Upper
178 100
176 19.5 18.1 27.1
179 15.7 14.0 21.0

Manual Integrations
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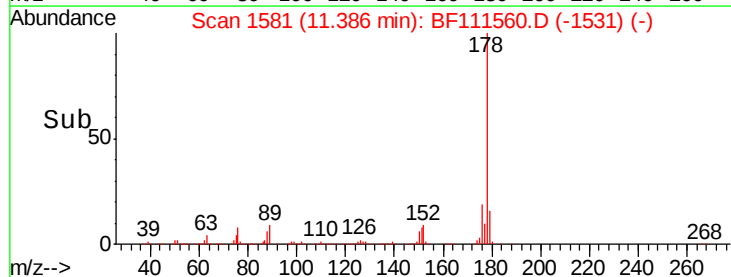
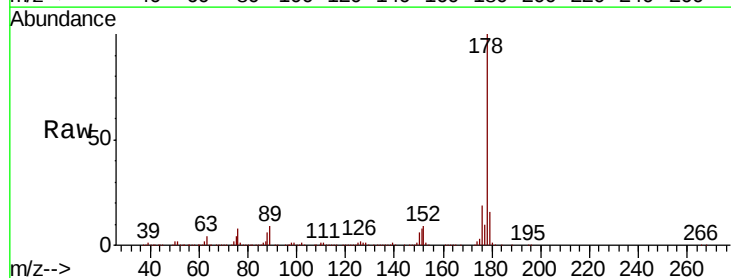
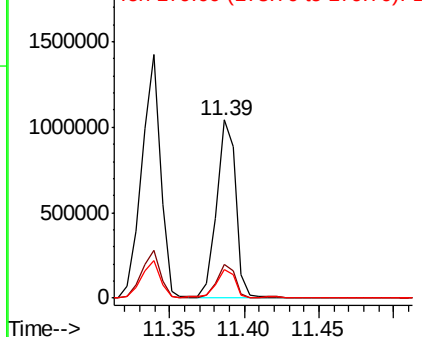
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

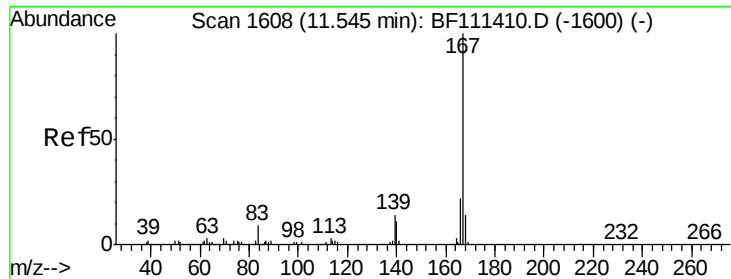


#72
Anthracene
Concen: 48.696 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion:178 Resp: 942092
Ion Ratio Lower Upper
178 100
176 18.6 17.2 25.8
179 15.7 13.8 20.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





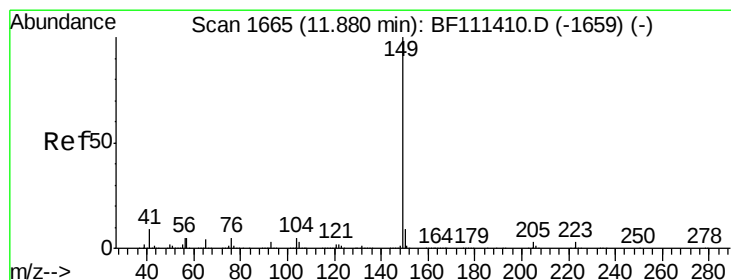
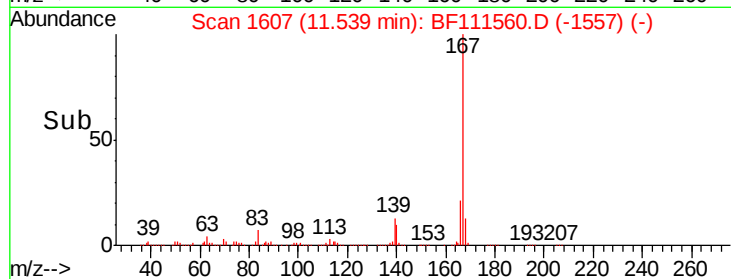
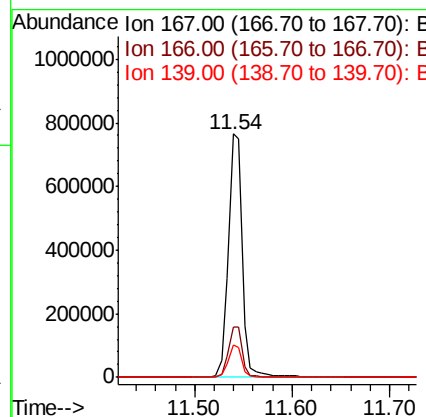
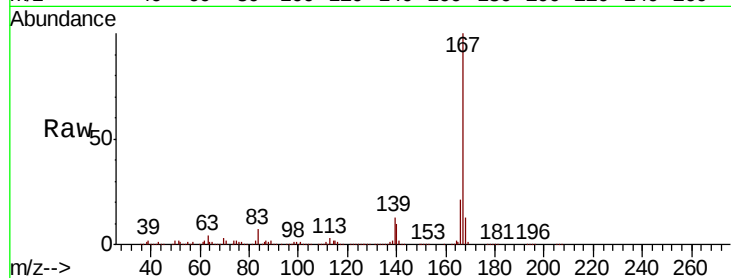
#73
 Carbazole
 Concen: 37.958 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	19.3	28.9
139	13.3	11.9	17.9

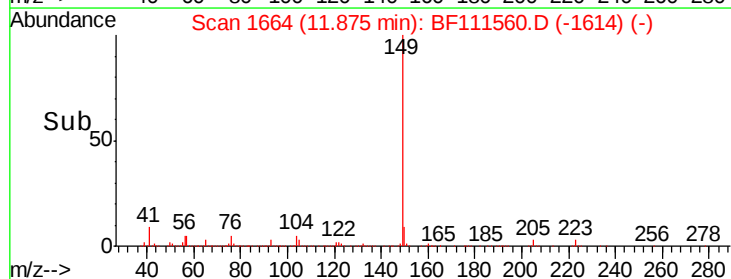
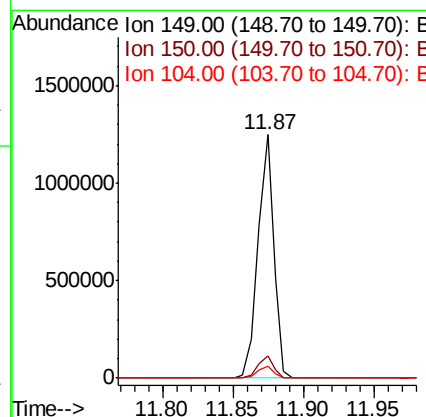
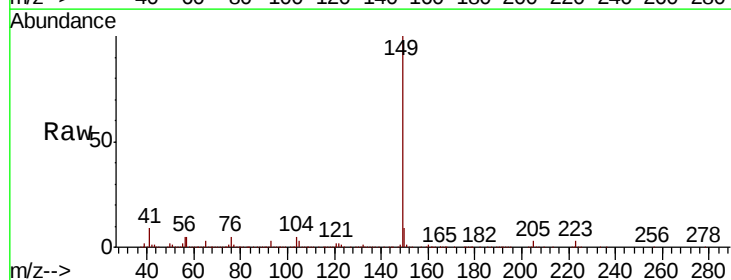
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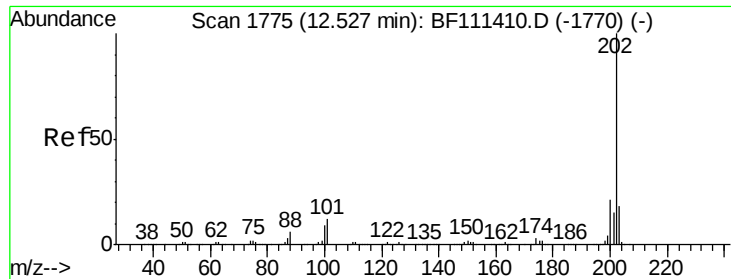
Sohil
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#74
 Di-n-butylphthalate
 Concen: 44.444 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	8.8	13.2
104	4.6	4.5	6.7





#75

Fluoranthene

Concen: 57.665 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

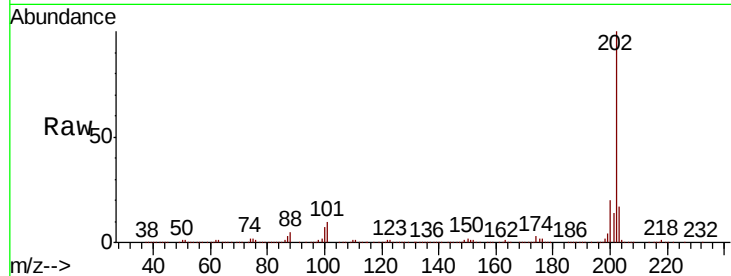
ClientSampled :

TP-6-AMS

Tot Ion:	202	Resp:	1067190
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	33.8
203	16.9	0.0	38.6

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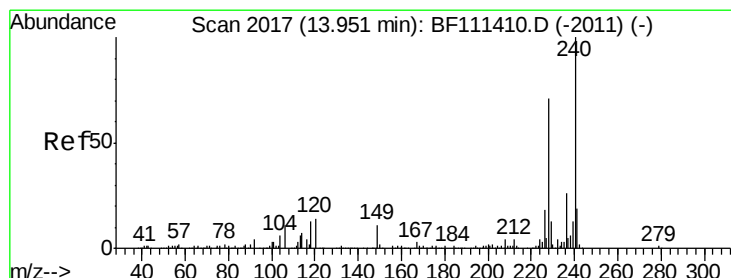
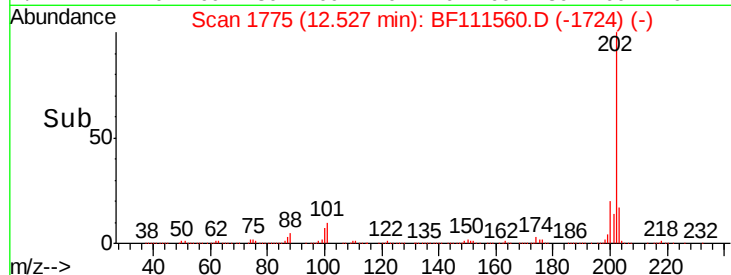
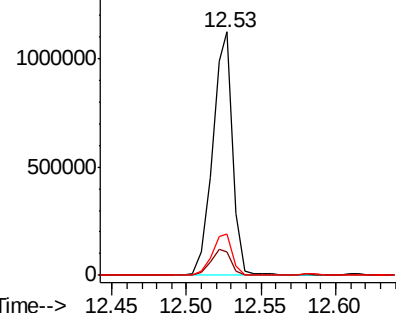
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

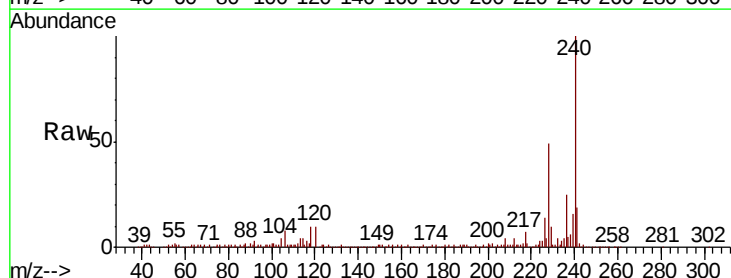
RT: 13.95 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

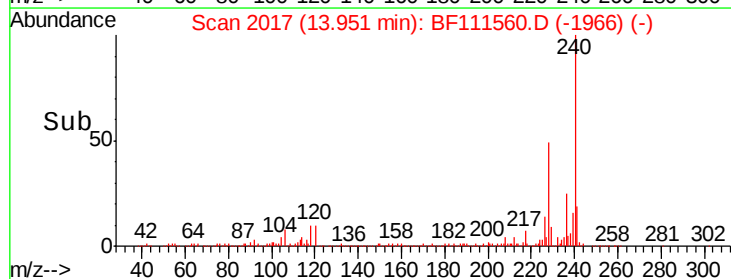
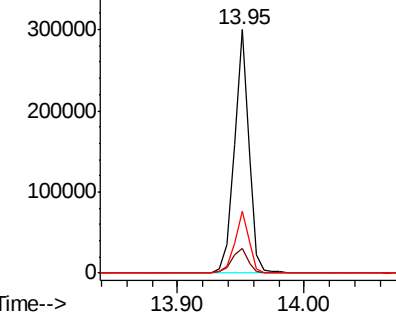
Tgt Ion:	240	Resp:	237954
Ion Ratio	Lower	Upper	
240	100		
120	10.2	12.2	18.2#
236	25.4	20.2	30.2

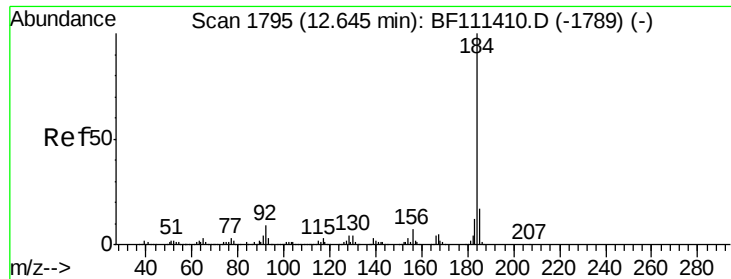


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.428 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

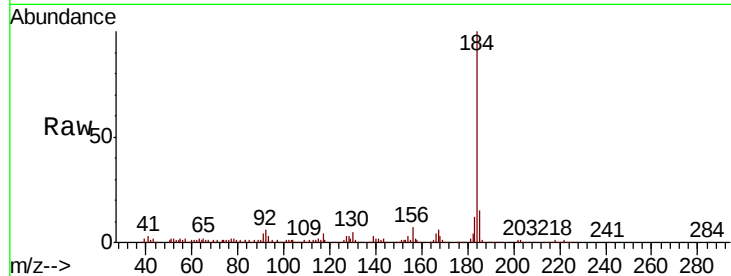
ClientSampleId :

TP-6-AMS

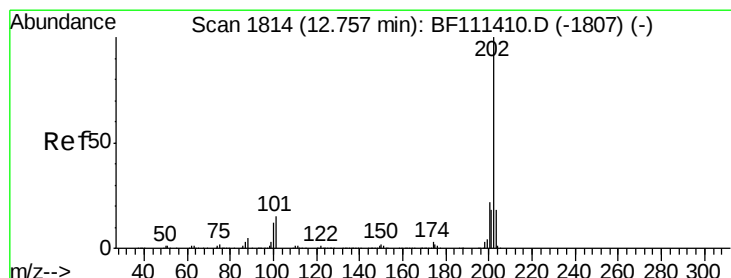
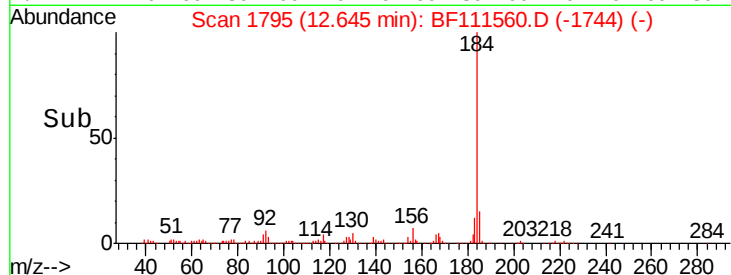
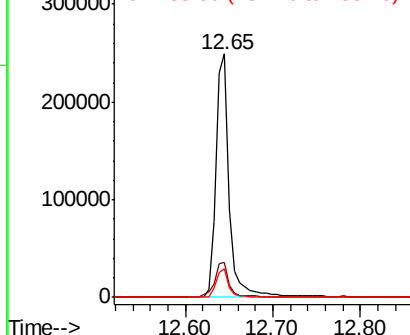
Tot Ion:	184	Resp:	266158
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.0	19.6
183	11.8	9.3	13.9

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 60.326 ng

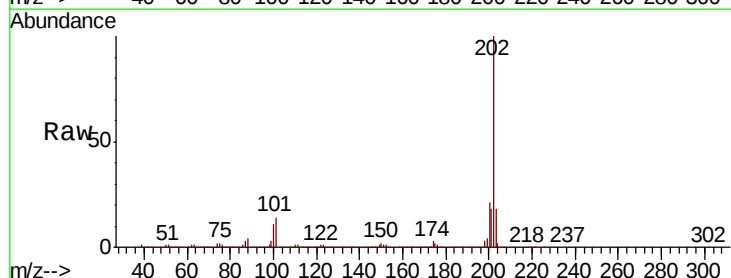
RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

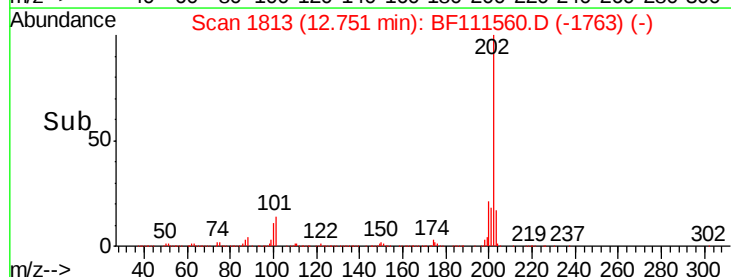
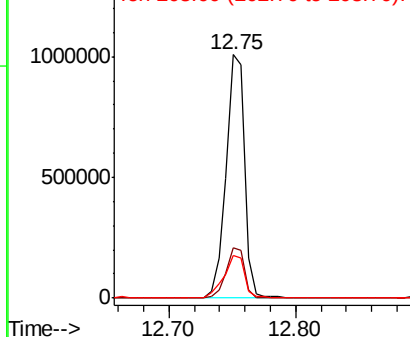
Lab File: BF111560.D

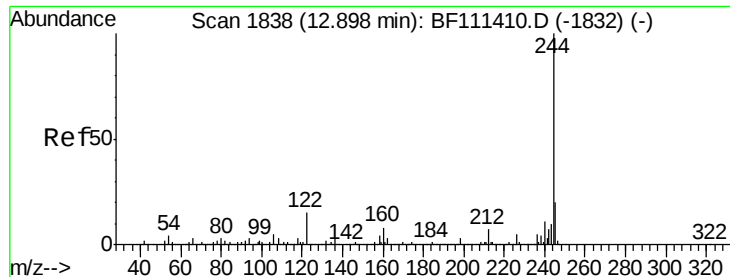
Acq: 18 Dec 2018 1:03

Tgt Ion:	202	Resp:	1012068
Ion Ratio	Lower	Upper	
202	100		
200	20.9	19.0	28.4
203	17.7	15.2	22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.797 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

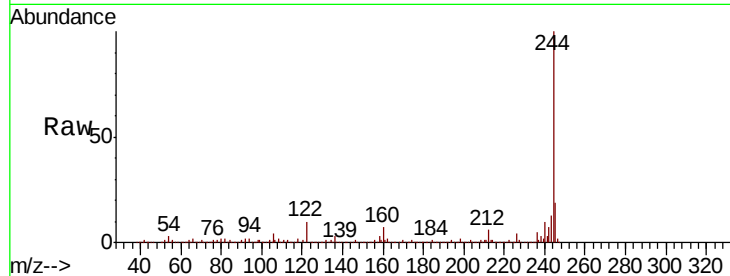
ClientSampleId :

TP-6-AMS

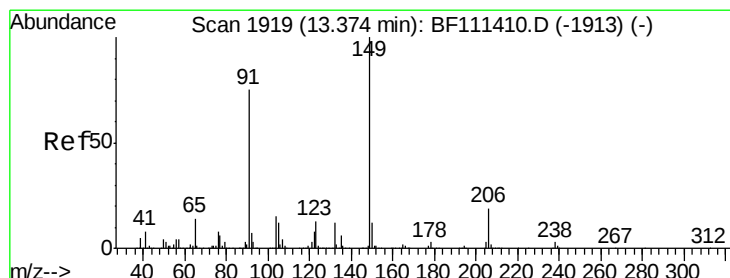
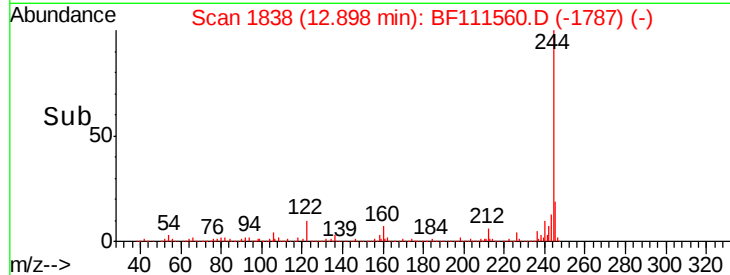
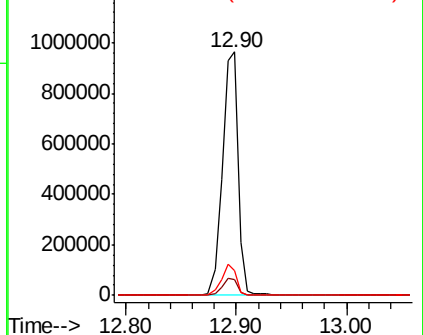
Tot Ion:	244	Resp:	960603
Ion Ratio		Lower	Upper
244	100		
212	6.4	5.7	8.5
122	10.3	13.1	19.7

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.907 ng

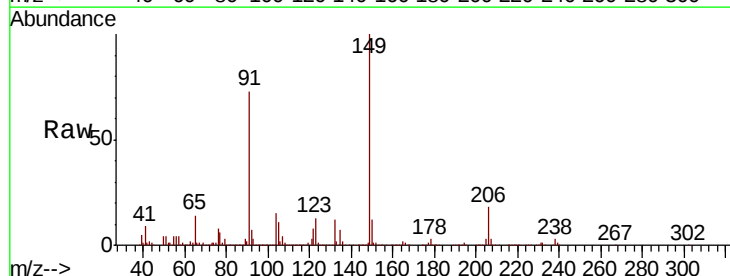
RT: 13.37 min Scan# 1918

Delta R.T. -0.01 min

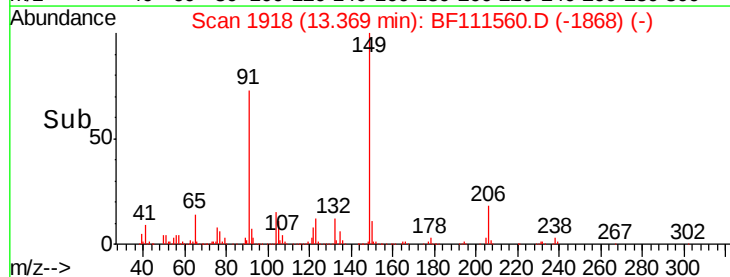
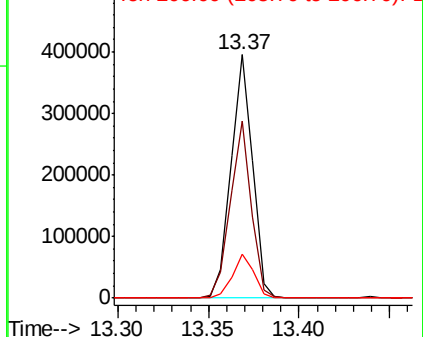
Lab File: BF111560.D

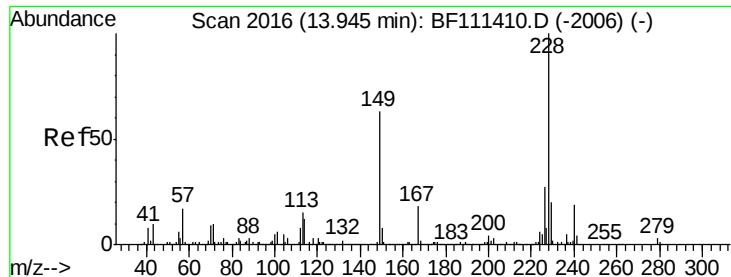
Acq: 18 Dec 2018 1:03

Tgt Ion:	149	Resp:	326339
Ion Ratio		Lower	Upper
149	100		
91	72.7	63.8	95.6
206	18.1	15.1	22.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 54.756 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

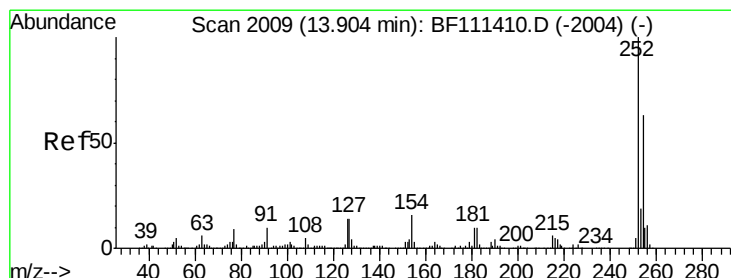
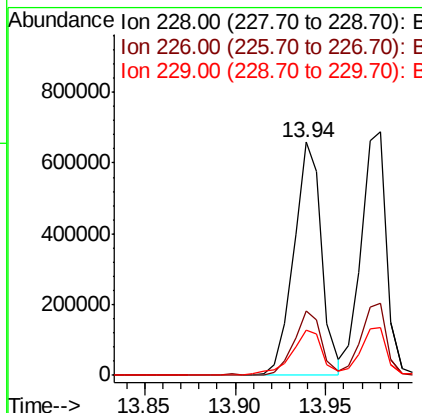
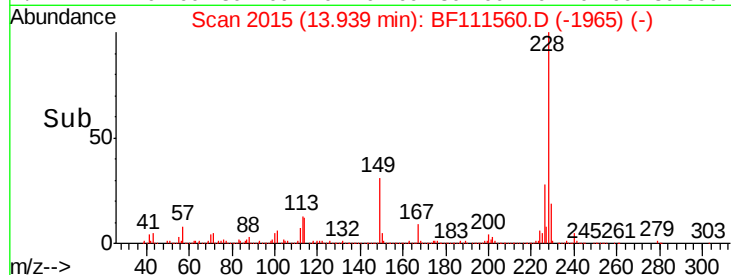
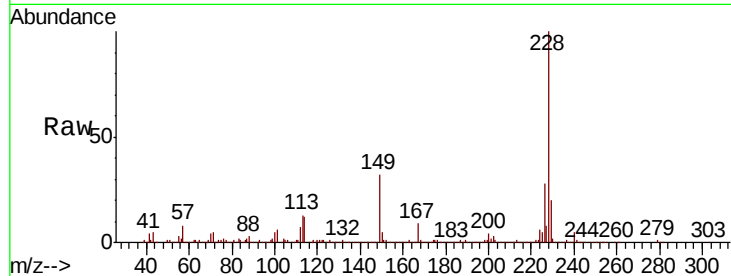
ClientSampleId :

TP-6-AMS

Tot Ion:	228	Resp:	708464
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.6	34.0
229	19.6	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 29.831 ng

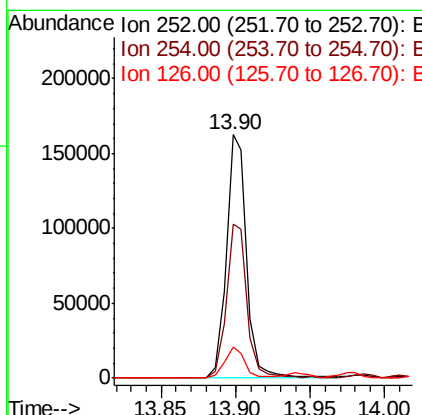
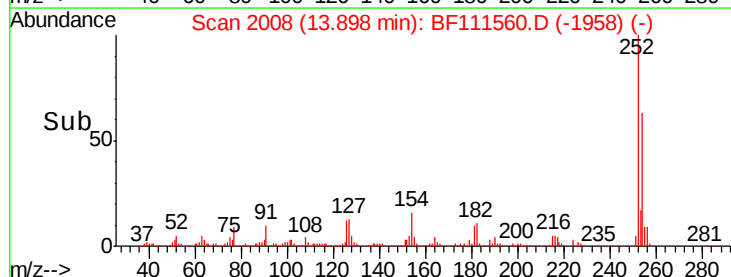
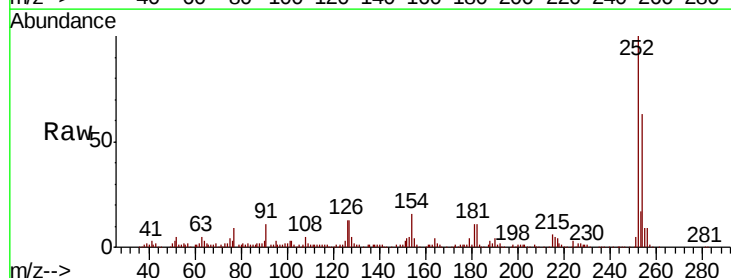
RT: 13.90 min Scan# 2008

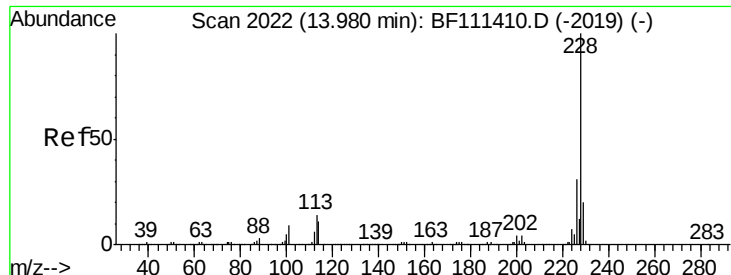
Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Tgt Ion:	252	Resp:	156907
Ion Ratio	Lower	Upper	
252	100		
254	63.2	52.7	79.1
126	12.6	11.1	16.7





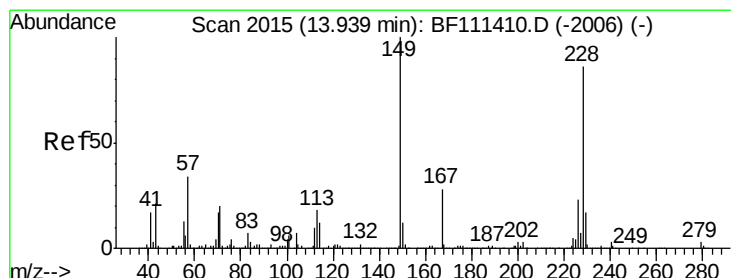
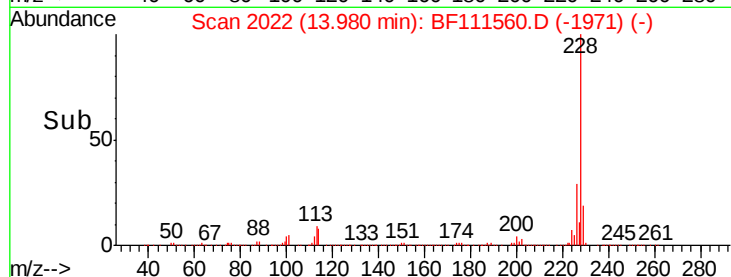
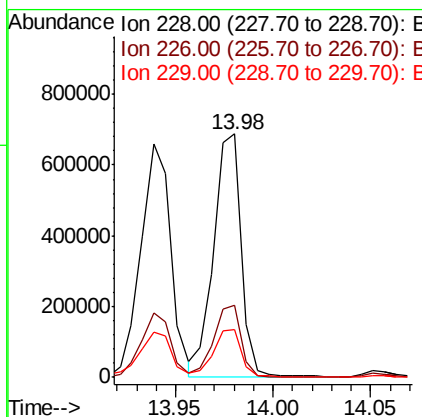
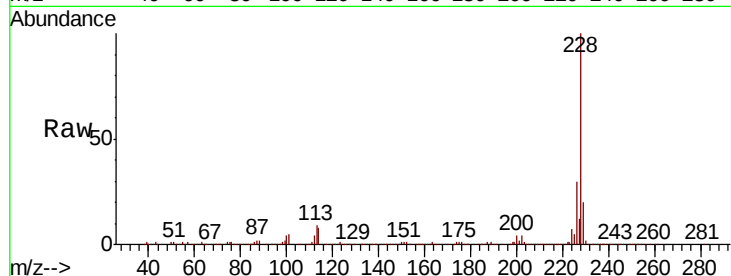
#83
Chrysene
Concen: 49.482 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.3	37.9
229	19.7	17.2	25.8

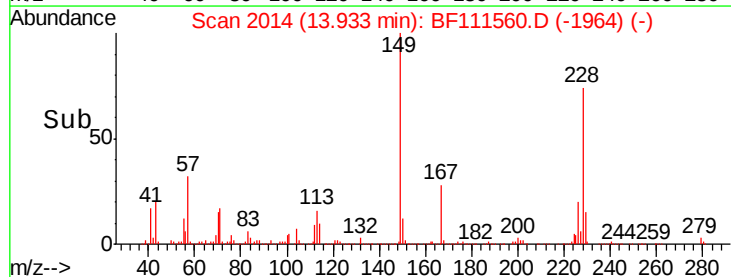
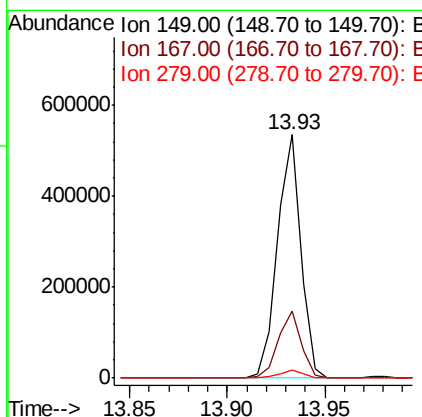
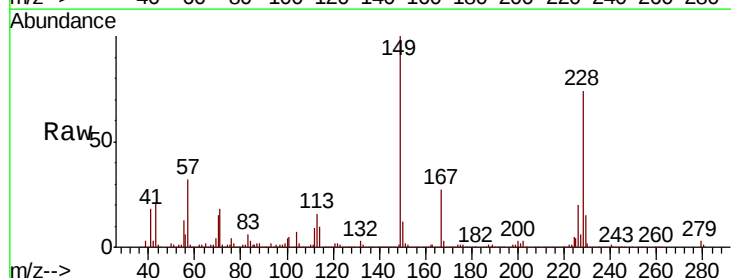
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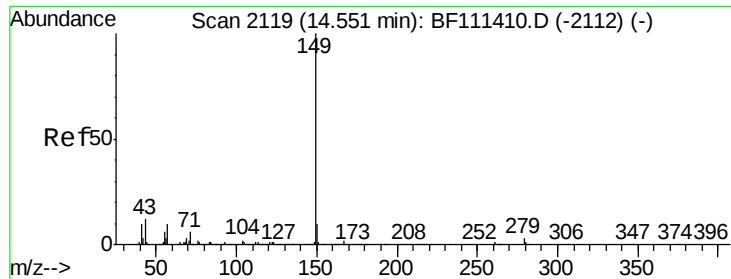
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.419 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.5	33.7
279	3.4	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 42.115 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

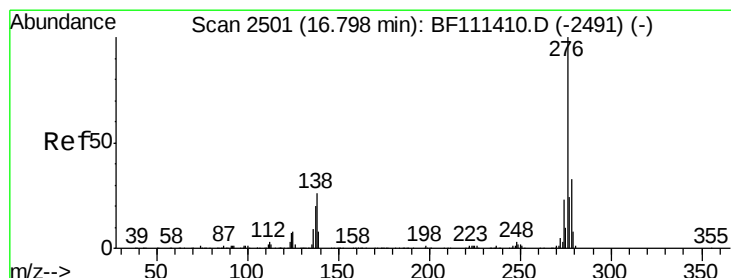
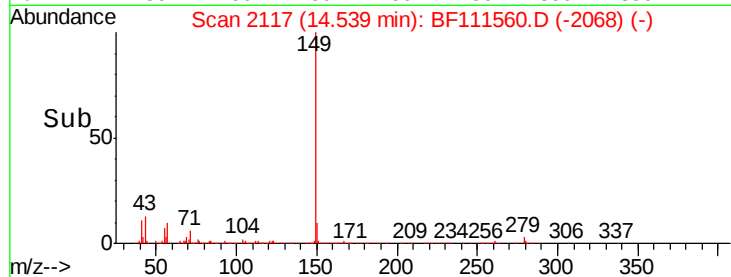
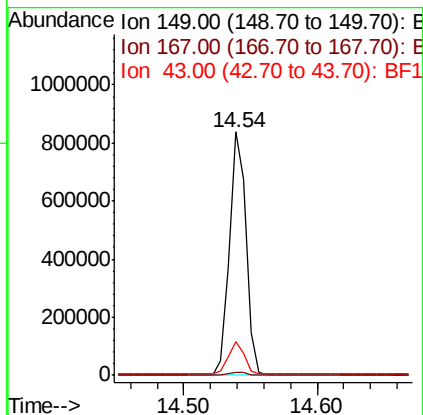
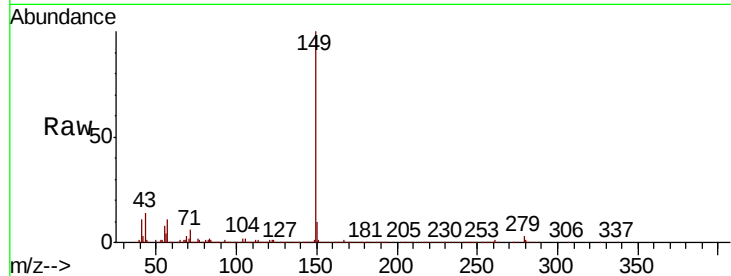
ClientSampleId :

TP-6-AMS

Tot Ion:	149	Resp:	741962
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	13.5	10.9	16.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 42.870 ng

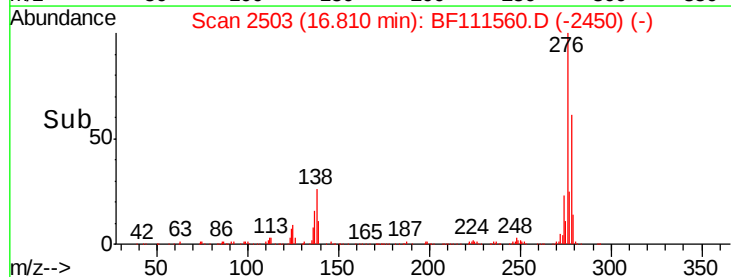
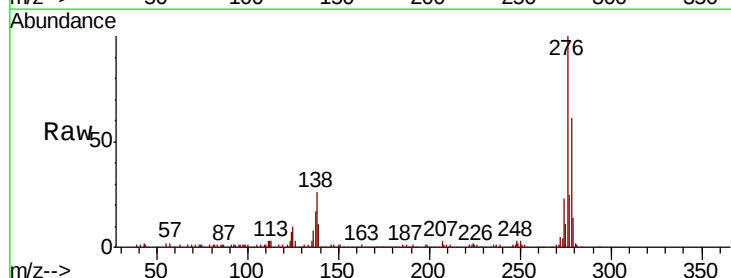
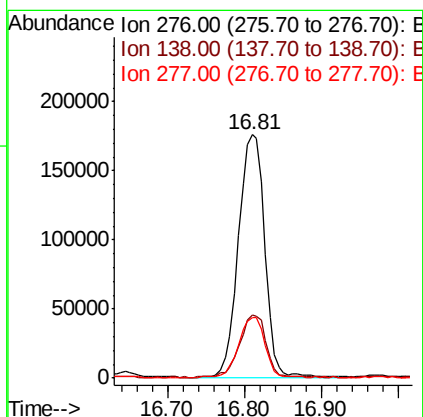
RT: 16.81 min Scan# 2503

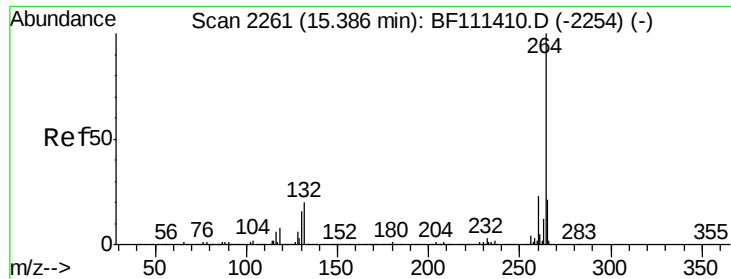
Delta R.T. 0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Tgt Ion:	276	Resp:	421715
Ion Ratio	Lower	Upper	
276	100		
138	25.9	27.8	41.6#
277	24.8	20.1	30.1





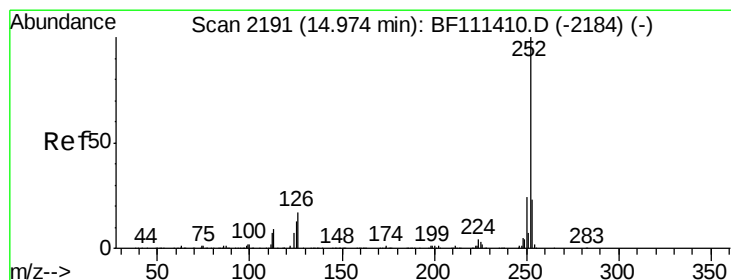
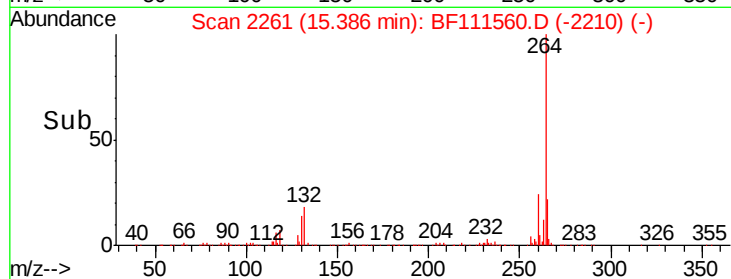
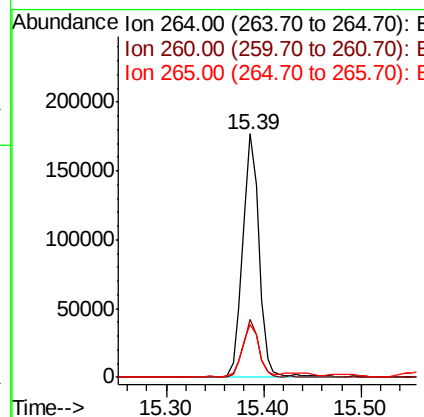
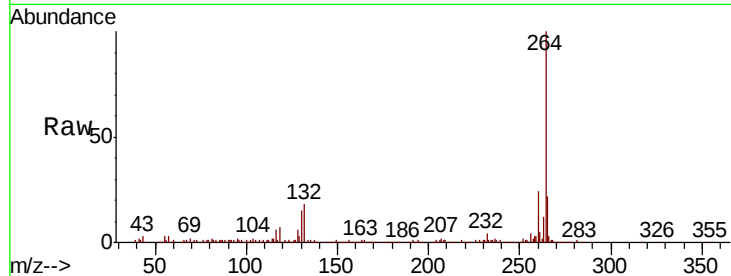
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	21.9	17.7	26.5

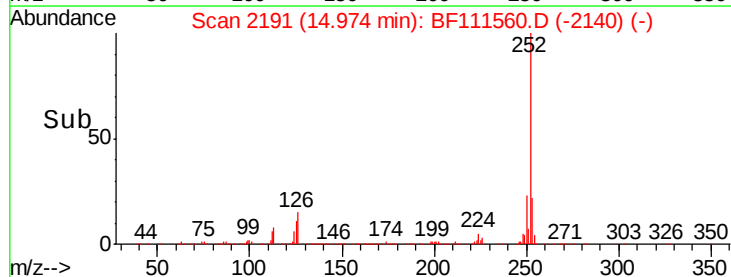
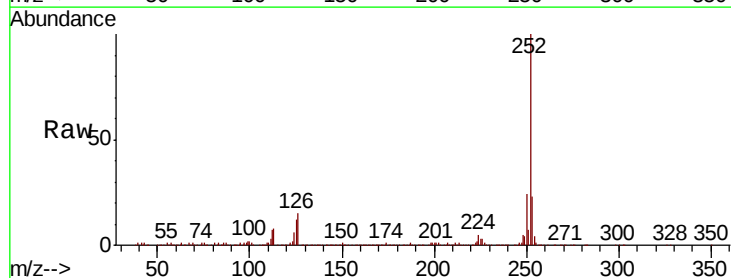
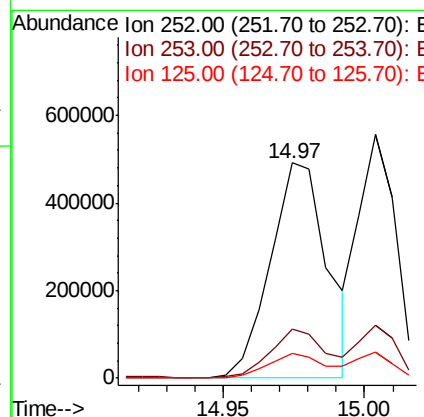
Manual Integrations
APPROVED

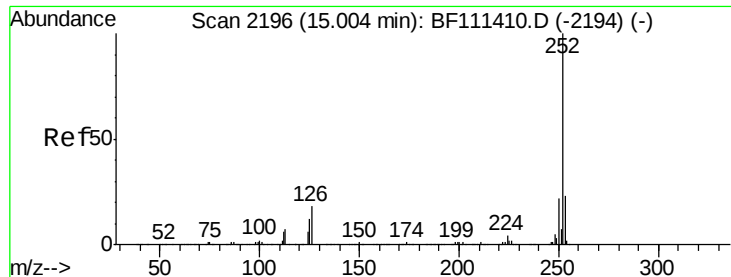
Sohil
12/18/2018 12:49:48 PM



#88
Benzo(b)fluoranthene
Concen: 56.258 ng
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	11.7	10.4	15.6





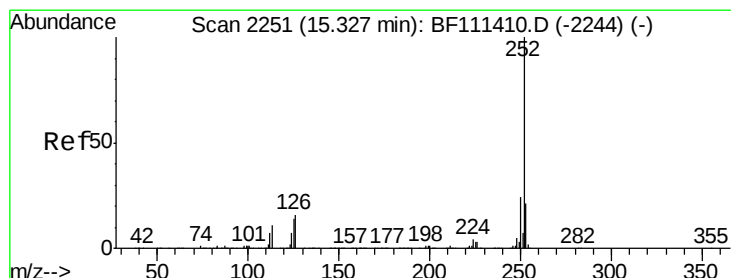
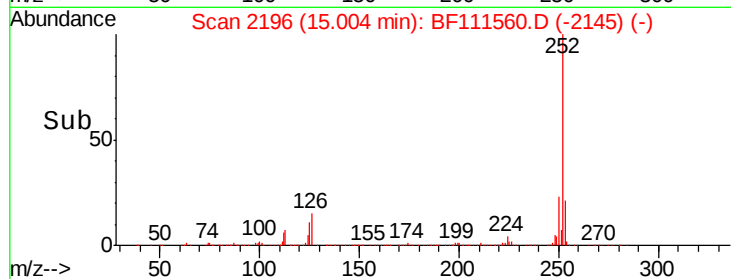
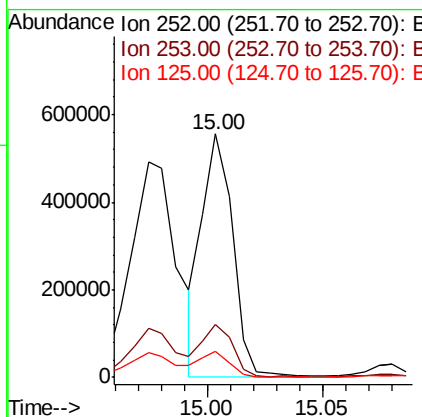
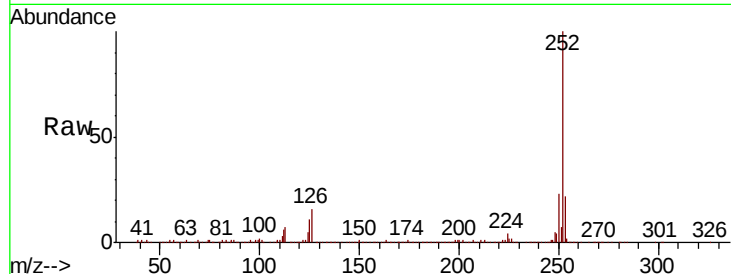
#89
Benzo(k)fluoranthene
Concen: 44.294 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	516313		
253	21.5	18.1	27.1	
125	10.7	9.8	14.8	

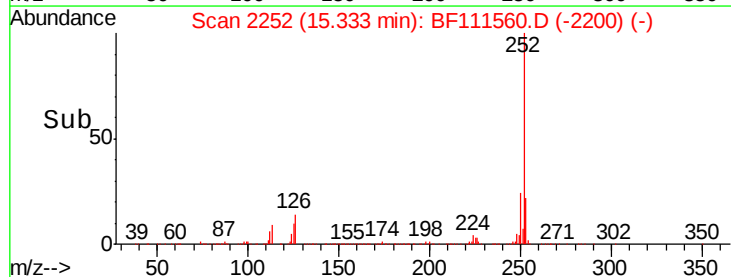
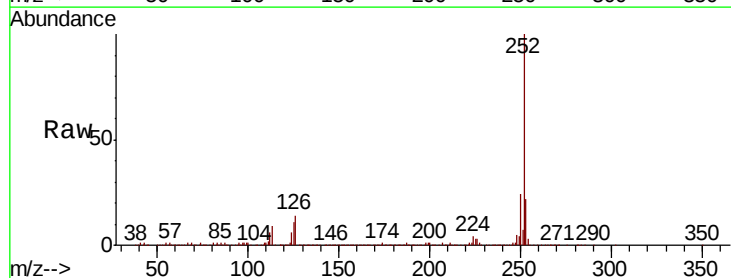
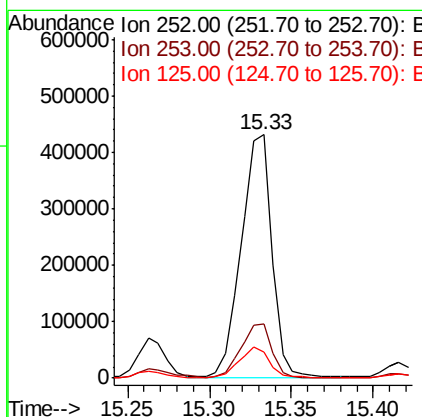
Manual Integrations
APPROVED

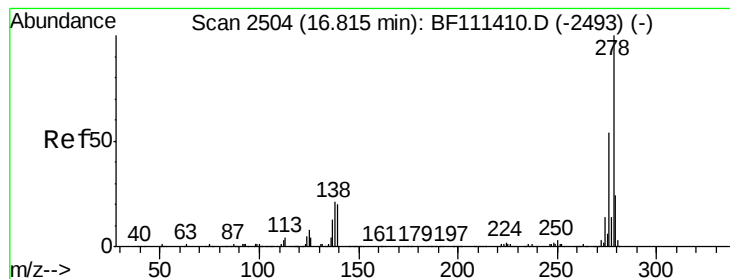
Sohil
12/18/2018 12:49:48 PM



#90
Benzo(a)pyrene
Concen: 51.833 ng m
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	570202		
253	22.1	17.8	26.8	
125	10.5	12.3	18.5	





#91

Dibenzo(a,h)anthracene

Concen: 37.245 ng

RT: 16.82 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

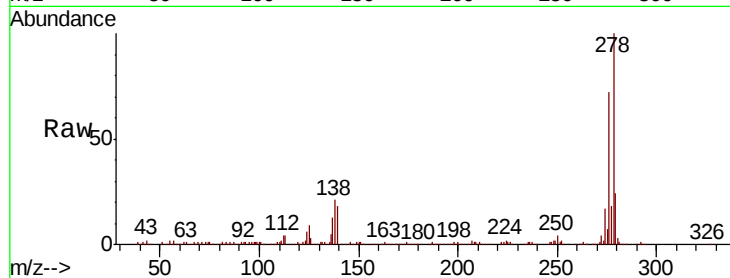
ClientSampled :

TP-6-AMS

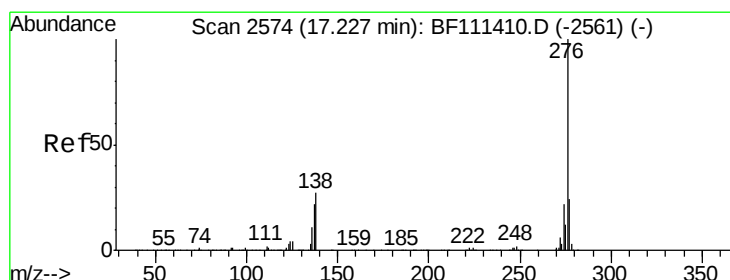
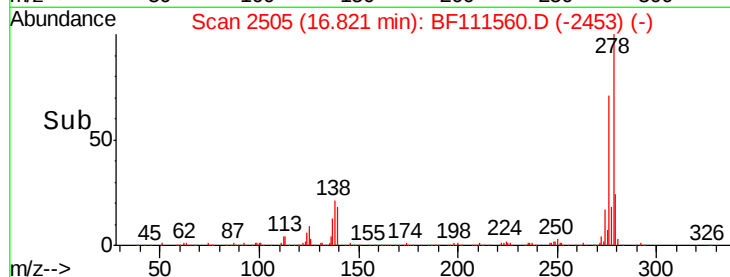
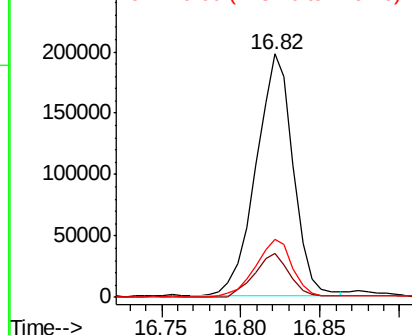
Tot Ion:	278	Resp:	323199
Ion Ratio	Lower	Upper	
278	100		
139	18.3	18.2	27.4
279	24.0	19.0	28.6

Manual Integrations
APPROVED

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12/18/2018 12:49:48 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.713 ng m

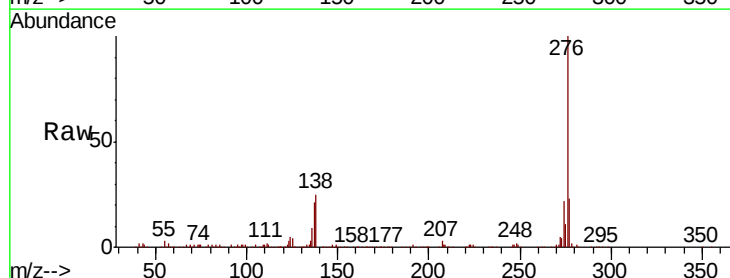
RT: 17.23 min Scan# 2575

Delta R.T. 0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Tgt Ion:	276	Resp:	338269
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.2	28.8
138	24.8	24.9	37.3#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

