

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111561.D
 Acq On : 18 Dec 2018 1:31
 Operator : JU/SJ
 Sample : J6403-41MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMSD

Manual Integrations
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Sohil
 12/18/2018 12:49:50 PM

Quant Time: Dec 18 07:12:02 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	216354	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	874681	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	398407	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	603433	20.00	ng	0.00
76) Chrysene-d12	13.95	240	396275	20.00	ng	0.00
87) Perylene-d12	15.39	264	368272	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1178940	90.68	ng	0.01
7) Phenol-d6	6.45	99	1968983	113.85	ng	0.00
23) Nitrobenzene-d5	7.36	82	1226961	83.53	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	362742	101.64	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1969047	76.34	ng	0.00
79) Terphenyl-d14	12.89	244	1361898	80.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	119189	18.981	ng	96
3) Pyridine	3.30	79	344698	21.856	ng	92
4) n-Nitrosodimethylamine	3.22	42	203371	28.389	ng	87
6) Aniline	6.46	93	217237	10.126	ng	# 1
8) 2-Chlorophenol	6.59	128	540456	34.790	ng	94
9) Benzaldehyde	6.33	77	164131	15.647	ng	98
10) Phenol	6.46	94	729871	37.885	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	517045	34.236	ng	98
12) 1,3-Dichlorobenzene	6.73	146	553013	32.339	ng	98
13) 1,4-Dichlorobenzene	6.81	146	557907	32.142	ng	98
14) 1,2-Dichlorobenzene	6.96	146	527675	32.315	ng	97
15) Benzyl Alcohol	6.93	79	442946	33.661	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	924638	31.357	ng	83
17) 2-Methylphenol	7.06	107	436292	34.897	ng	# 94
18) Hexachloroethane	7.30	117	195085	30.201	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	367748	32.231	ng	96
20) 3+4-Methylphenols	7.21	107	563761	35.948	ng	# 66
22) Acetophenone	7.20	105	740415	37.920	ng	# 86
24) Nitrobenzene	7.37	77	538658	35.949	ng	92
25) Isophorone	7.61	82	1010238	40.648	ng	98
26) 2-Nitrophenol	7.69	139	269424	34.672	ng	98
27) 2,4-Dimethylphenol	7.73	122	485275	43.077	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	657437	38.318	ng	98
29) 2,4-Dichlorophenol	7.94	162	439398	36.538	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	430734	34.215	ng	98
31) Naphthalene	8.09	128	1544550	37.754	ng	97
32) Benzoic acid	7.80	122	21428m	2.201	ng	
33) 4-Chloroaniline	8.14	127	110085	6.051	ng	95
34) Hexachlorobutadiene	8.22	225	227421	32.790	ng	98
35) Caprolactam	8.51	113	149620m	33.510	ng	
36) 4-Chloro-3-methylphenol	8.64	107	461057	34.831	ng	100
37) 2-Methylnaphthalene	8.79	142	1025924	37.059	ng	98
38) 1-Methylnaphthalene	8.89	142	958178	35.827	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	382482	35.007	ng	98

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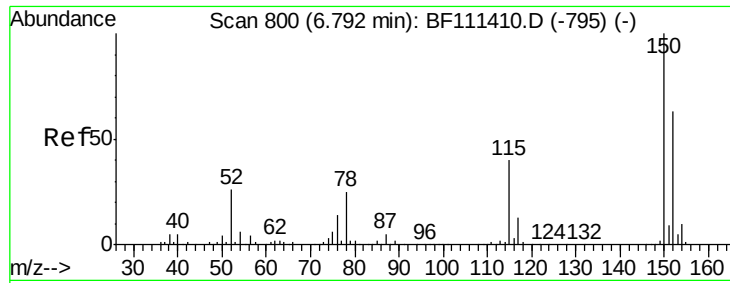
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	116168	20.709	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	280244	36.240	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	291904	35.474	ng	97
46) 1,1'-Biphenyl	9.25	154	1145692	33.939	ng	94
47) 2-Chloronaphthalene	9.27	162	893446	34.819	ng	97
48) 2-Nitroaniline	9.37	65	294252	35.318	ng	94
49) Acenaphthylene	9.69	152	1424541	37.401	ng	95
50) Dimethylphthalate	9.55	163	1311399	45.705	ng	98
51) 2,6-Dinitrotoluene	9.61	165	227086	35.161	ng	93
52) Acenaphthene	9.86	154	811289	33.700	ng	98
53) 3-Nitroaniline	9.78	138	164384	20.955	ng	92
54) 2,4-Dinitrophenol	9.89	184	11413	4.645	ng	89
55) Dibenzofuran	10.03	168	1221121	34.946	ng	96
56) 4-Nitrophenol	9.96	139	298874	55.053	ng	91
57) 2,4-Dinitrotoluene	10.02	165	281852	33.250	ng	97
58) Fluorene	10.37	166	920641	36.324	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	216949	33.744	ng	97
60) Diethylphthalate	10.25	149	1000164	34.413	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	408406	32.935	ng	96
62) 4-Nitroaniline	10.39	138	217079	27.954	ng	93
63) Azobenzene	10.53	77	950288	33.166	ng	95
65) 4,6-Dinitro-2-methylphenol	10.42	198	23766	6.976	ng	92
66) n-Nitrosodiphenylamine	10.49	169	823243	39.562	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	249696	38.392	ng	98
68) Hexachlorobenzene	10.93	284	242222	36.206	ng	99
69) Atrazine	11.02	200	239482	39.822	ng	98
70) Pentachlorophenol	11.12	266	224987	54.830	ng	95
71) Phenanthrene	11.33	178	1312229	42.202	ng	94
72) Anthracene	11.39	178	1242768	39.082	ng	95
73) Carbazole	11.54	167	1089077	33.120	ng	95
74) Di-n-butylphthalate	11.87	149	1442799	39.397	ng	# 96
75) Fluoranthene	12.52	202	1222381	40.185	ng	98
77) Benzidine	12.64	184	396328	27.207	ng	98
78) Pyrene	12.75	202	1212549	43.400	ng	96
80) Butylbenzylphthalate	13.37	149	484793	35.599	ng	93
81) Benzo(a)anthracene	13.94	228	916250	42.523	ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	251699	28.735	ng	98
83) Chrysene	13.97	228	905403	39.888	ng	96
84) Bis(2-ethylhexyl)phthalate	13.93	149	639583	36.771	ng	99
85) Di-n-octyl phthalate	14.54	149	1135359	38.698	ng	96
86) Indeno(1,2,3-cd)pyrene	16.81	276	636541	38.856	ng	97
88) Benzo(b)fluoranthene	14.97	252	868248	40.439	ng	100
89) Benzo(k)fluoranthene	15.00	252	842628	41.072	ng	100
90) Benzo(a)pyrene	15.33	252	811370	41.906	ng	98
91) Dibenzo(a,h)anthracene	16.82	278	516861	33.841	ng	96
92) Benzo(g,h,i)perylene	17.23	276	519760	34.670	ng	95

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



#1

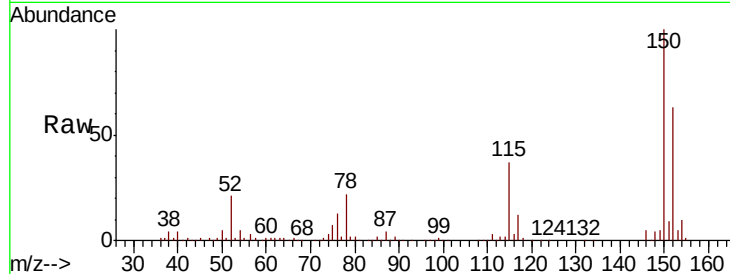
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampled :
TP-6-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.6	189.8
115	58.8	50.7	76.1

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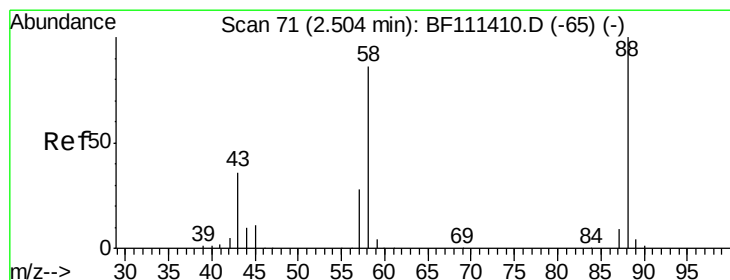
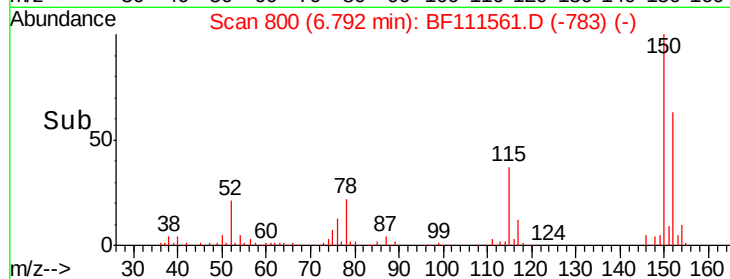
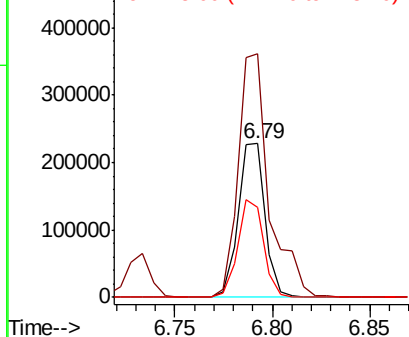


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

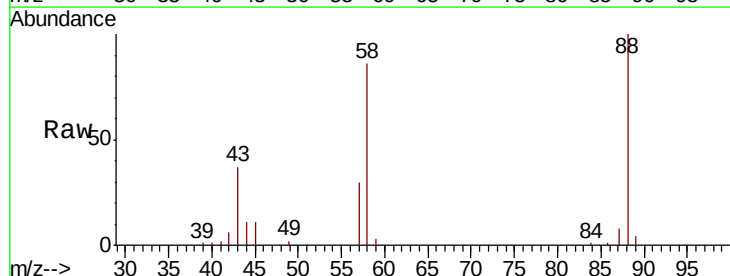
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 18.981 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.05 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.4	68.9	103.3
43	37.2	25.8	38.6

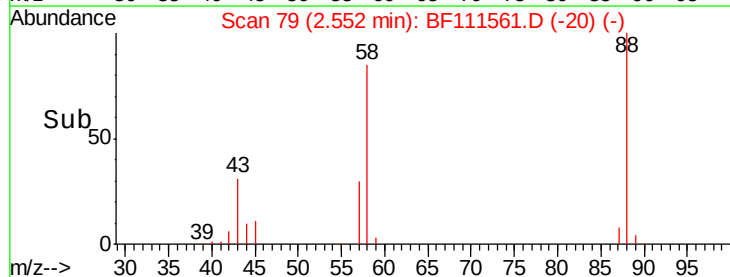
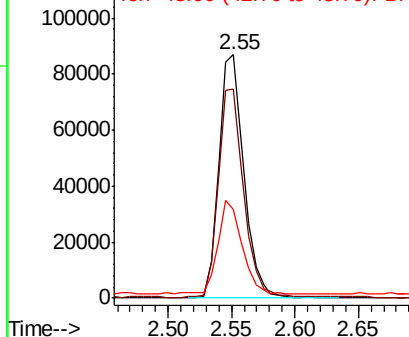


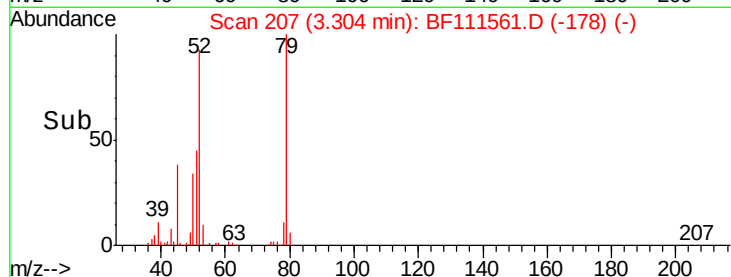
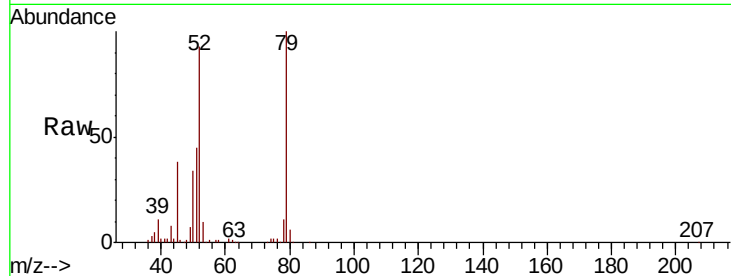
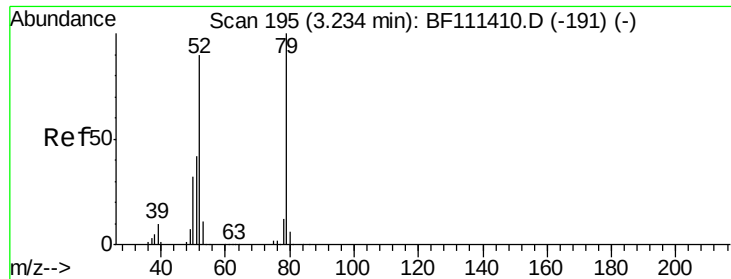
Abundance

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





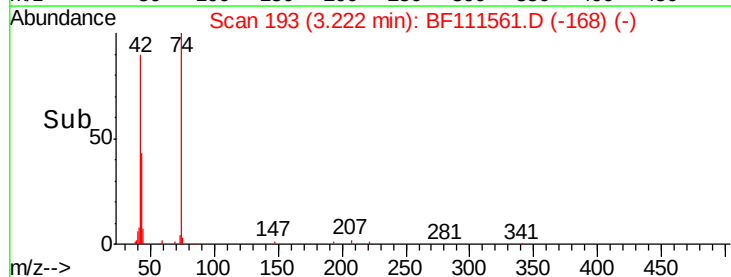
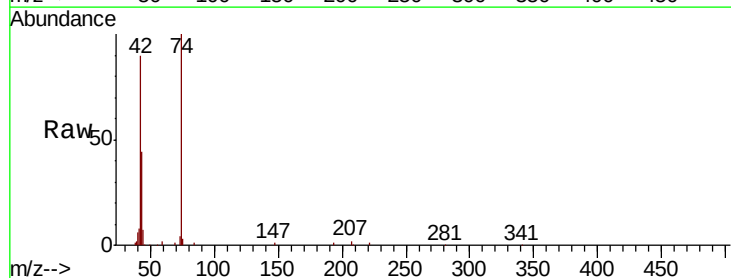
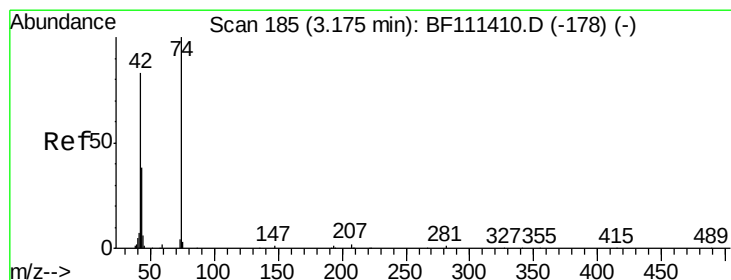
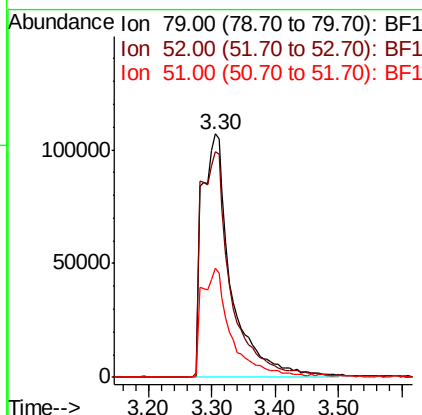
#3
 Pvrindine
 Concen: 21.856 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.07 min
 Lab File: BF111561.D
 Acq: 18 Dec 2018 1:31

Tot Ion	Ratio	Lower	Upper
79	100		
52	93.0	68.3	102.5
51	44.6	32.6	49.0

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMSD

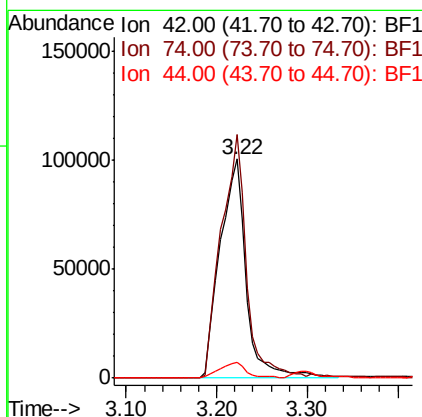
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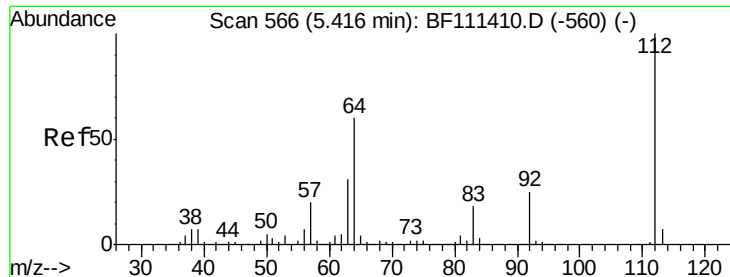
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#4
 n-Nitrosodimethylamine
 Concen: 28.389 ng
 RT: 3.22 min Scan# 193
 Delta R.T. 0.05 min
 Lab File: BF111561.D
 Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.1	101.5	152.3
44	7.3	6.0	9.0





#5

2-Fluorophenol

Concen: 90.677 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Instrument :

BNA_F

ClientSampled :

TP-6-AMSD

Tot Ion: 112 Resp: 1178940

Ion Ratio Lower Upper

112 100

64 60.0 51.8 77.6

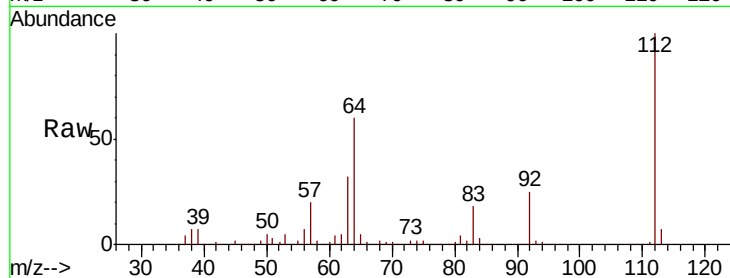
63 32.1 26.8 40.2

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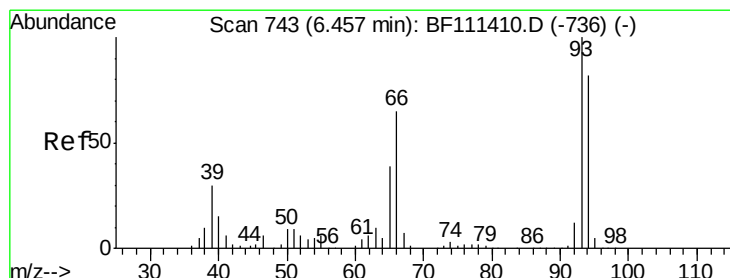
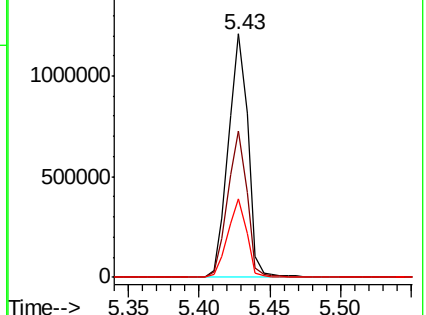
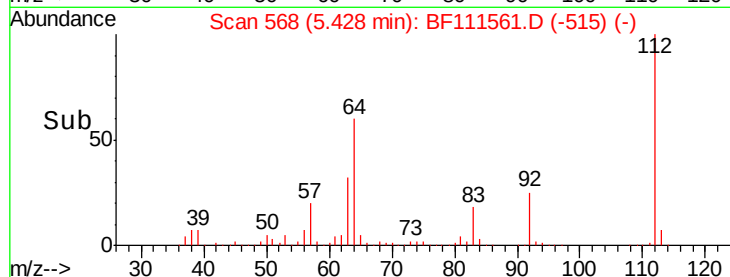
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Abundance Ion 112.00 (111.70 to 112.70): BF111410.D (-560) (-)

Ion 64.00 (63.70 to 64.70): BF111410.D (-560) (-)

Ion 63.00 (62.70 to 63.70): BF111410.D (-560) (-)



#6

Aniline

Concen: 10.126 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

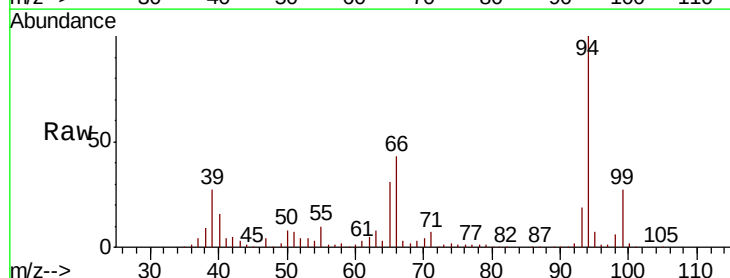
Tgt Ion: 93 Resp: 217237

Ion Ratio Lower Upper

93 100

66 229.0 33.2 49.8#

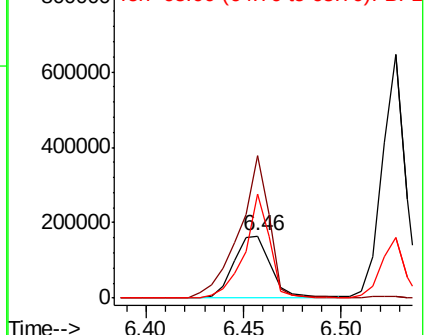
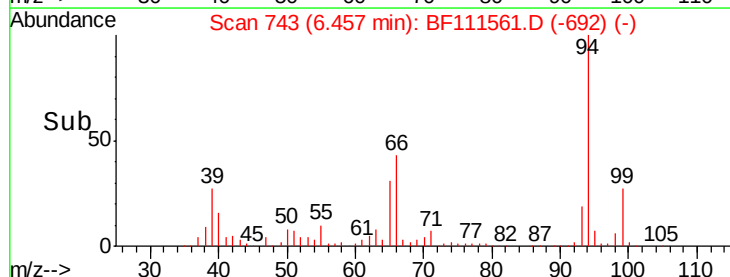
65 167.2 17.0 25.4#

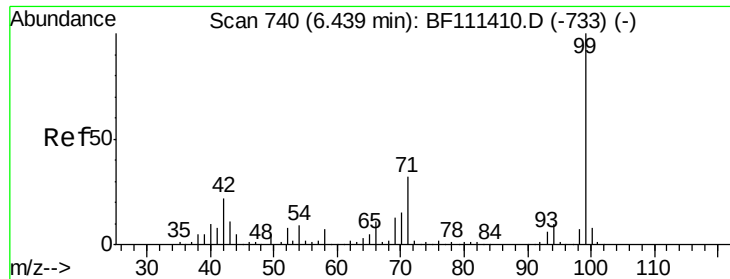


Abundance Ion 93.00 (92.70 to 93.70): BF111410.D (-736) (-)

Ion 66.00 (65.70 to 66.70): BF111410.D (-736) (-)

Ion 65.00 (64.70 to 65.70): BF111410.D (-736) (-)





#7

Phenol-d6

Concen: 113.851 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Instrument :

BNA_F

ClientSampleId :

TP-6-AMSD

Tot Ion: 99 Resp: 1968983

Ion Ratio Lower Upper

99 100

42 20.1 17.4 26.0

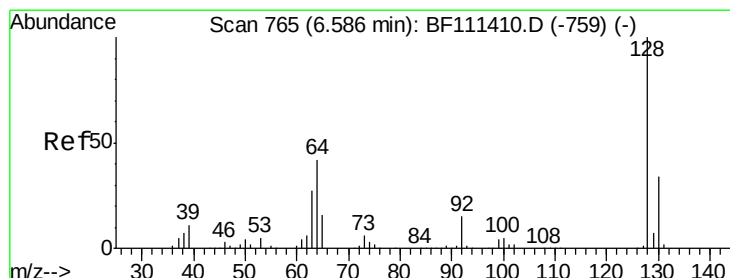
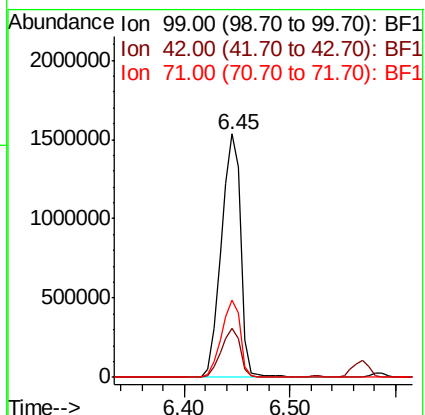
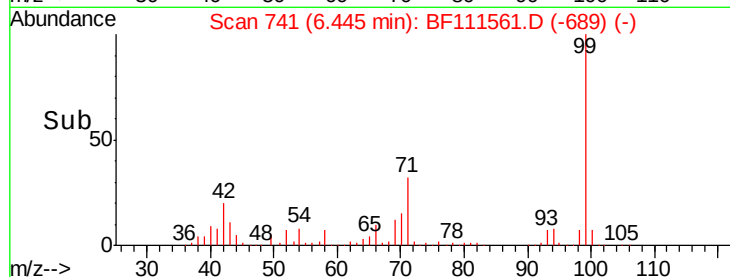
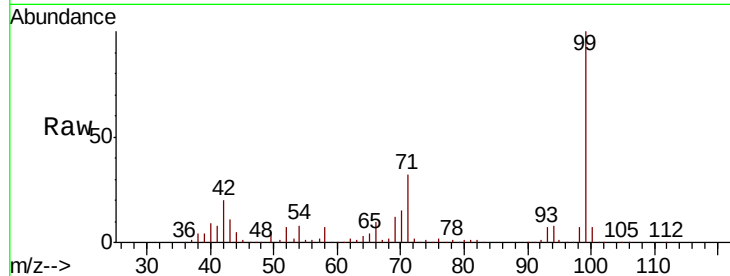
71 31.6 26.1 39.1

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#8

2-Chlorophenol

Concen: 34.790 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

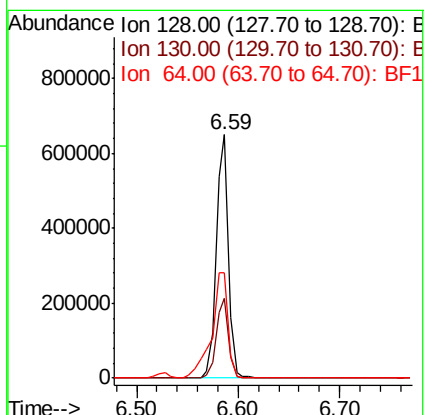
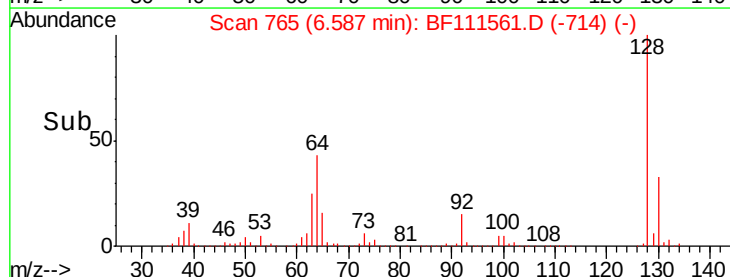
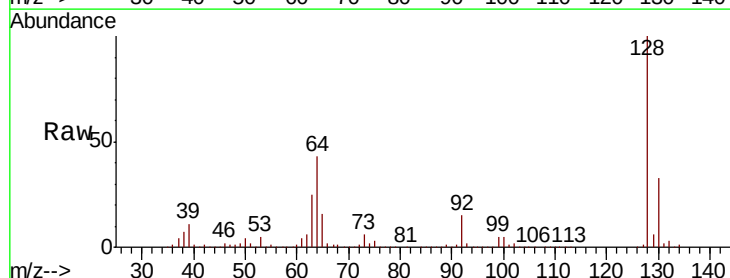
Tgt Ion: 128 Resp: 540456

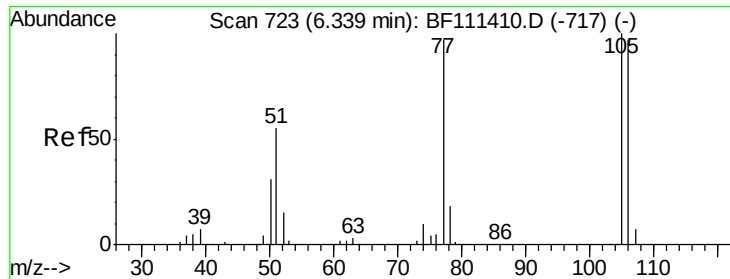
Ion Ratio Lower Upper

128 100

130 33.0 12.7 52.7

64 43.2 30.0 70.0





#9

Benzaldehyde

Concen: 15.647 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Instrument :

BNA_F

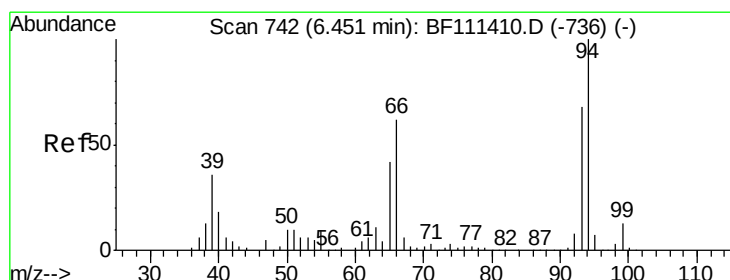
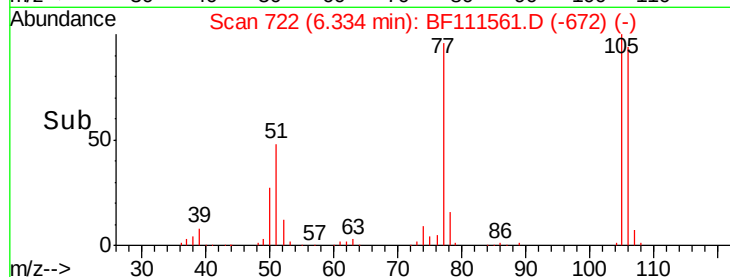
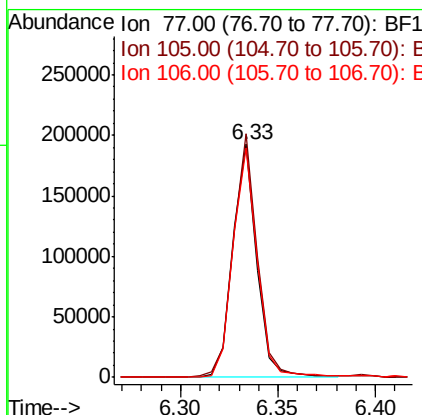
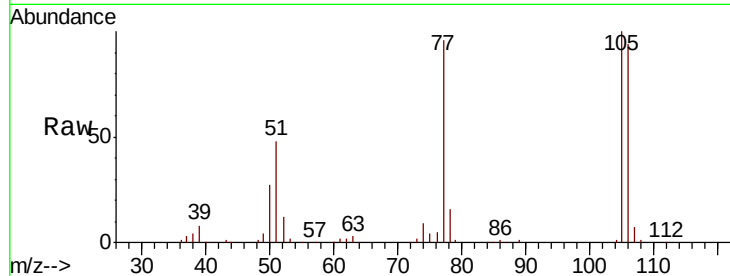
ClientSampled :

TP-6-AMSD

Tot Ion:	77	Resp:	164131
Ion Ratio	Lower	Upper	
77	100		
105	104.4	81.4	121.4
106	98.5	77.9	117.9

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#10

Phenol

Concen: 37.885 ng

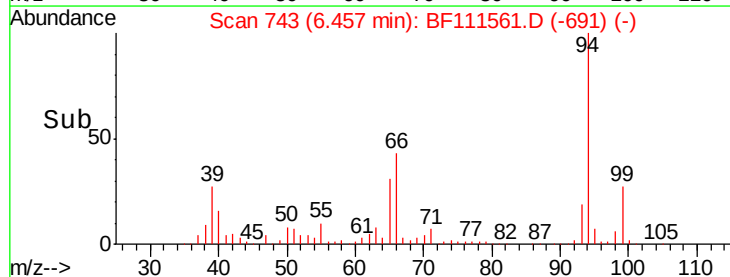
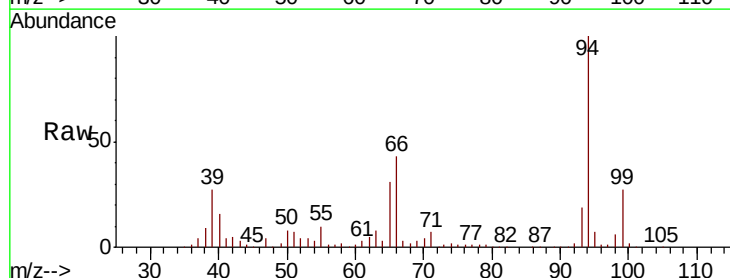
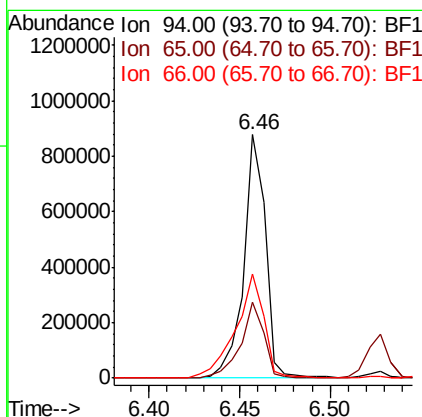
RT: 6.46 min Scan# 743

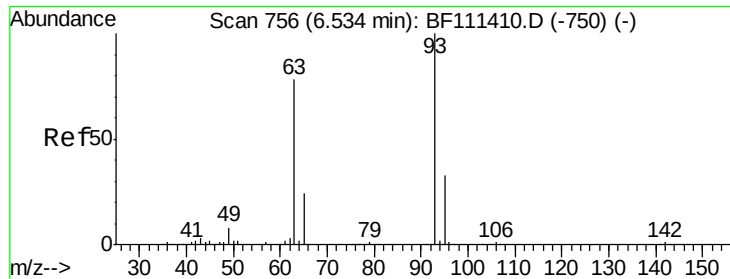
Delta R.T. 0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Tgt Ion:	94	Resp:	729871
Ion Ratio	Lower	Upper	
94	100		
65	31.4	11.7	51.7
66	43.0	21.0	61.0





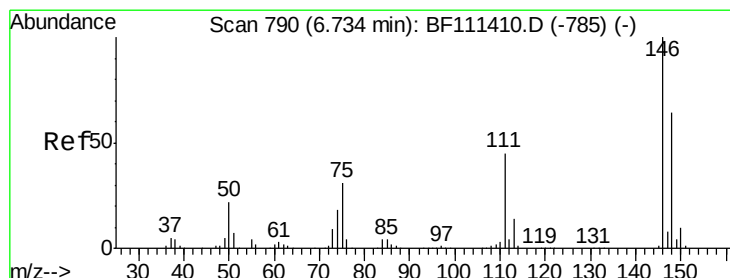
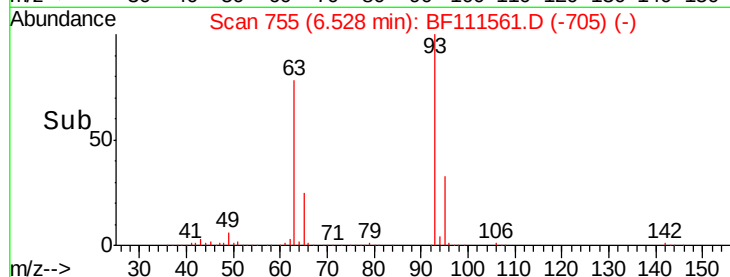
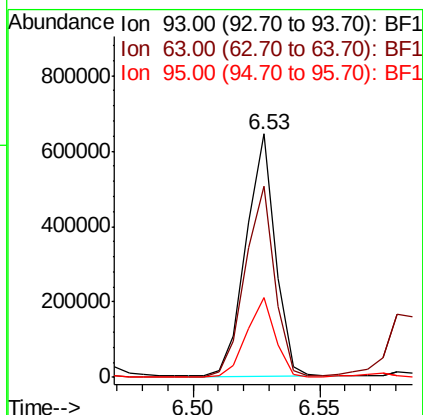
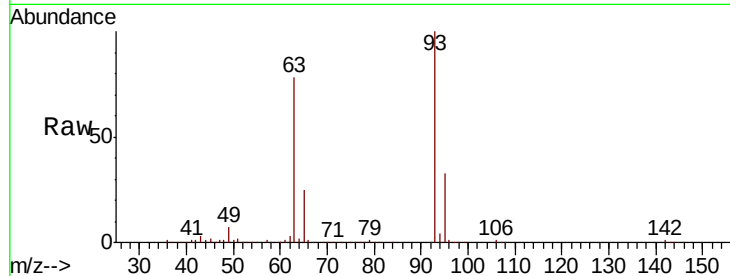
#11
bis(2-Chloroethyl)ether
Concen: 34.236 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
TP-6-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.5	60.0	100.0
95	32.6	13.4	53.4

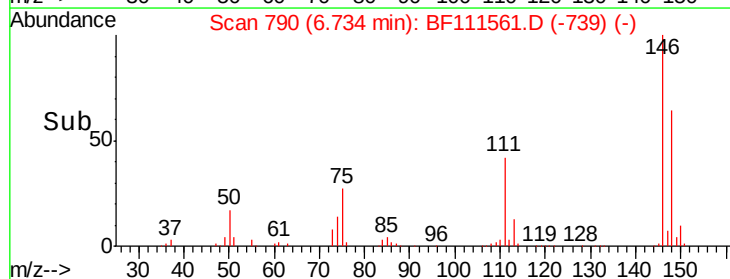
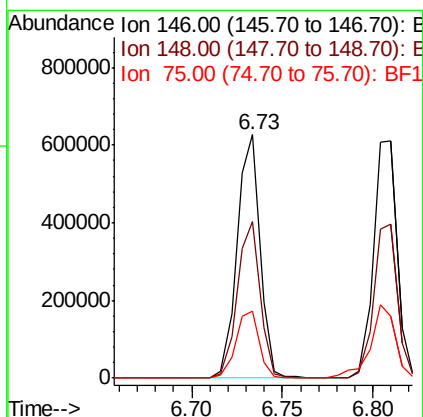
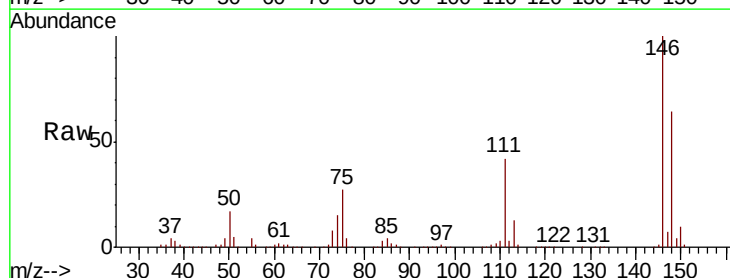
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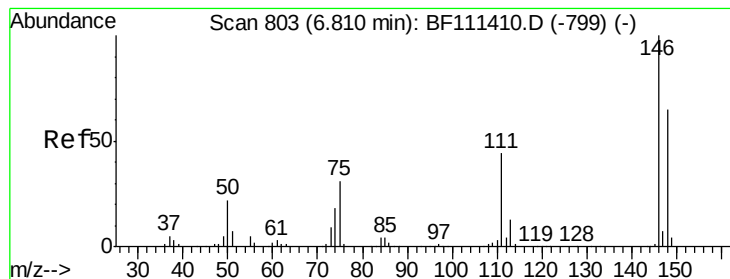
Sohil
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#12
1,3-Dichlorobenzene
Concen: 32.339 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.1	78.1
75	27.3	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 32.142 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Instrument :

BNA_F

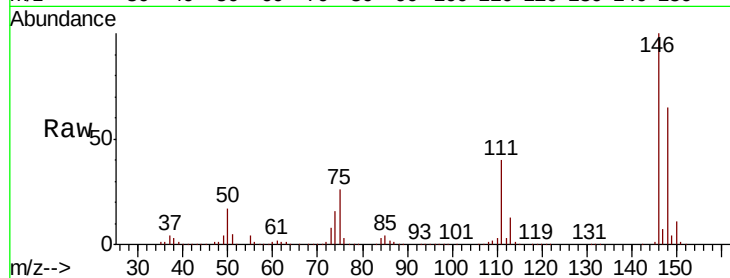
ClientSampled :

TP-6-AMSD

Tot Ion:	146	Resp:	557907
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.8	79.2
111	40.1	33.4	50.0

Manual Integrations
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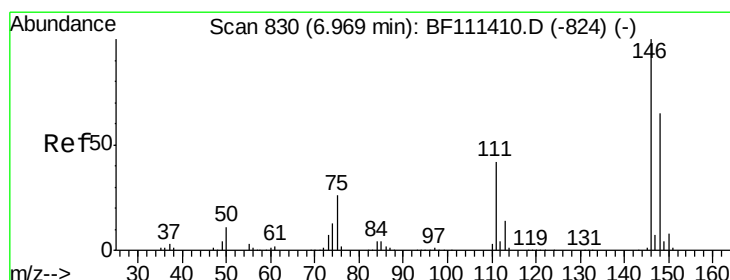
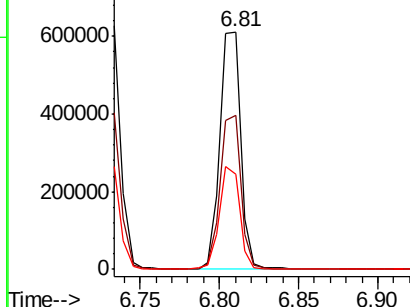
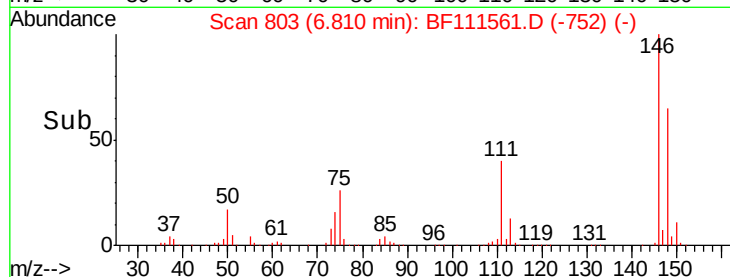


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.315 ng

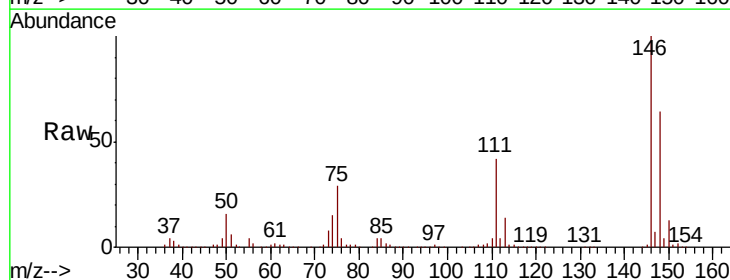
RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Tgt Ion:	146	Resp:	527675
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.9	77.9
111	42.3	36.2	54.4

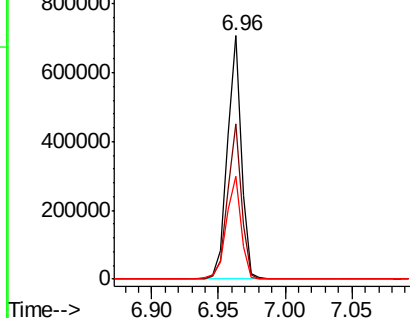
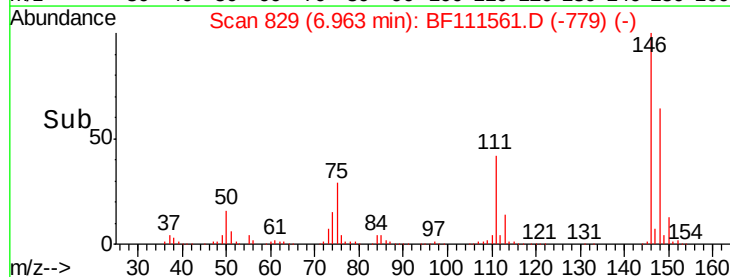


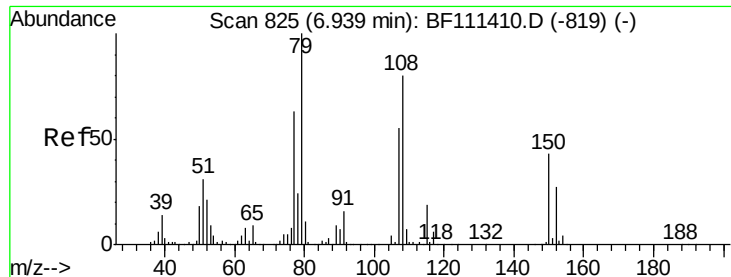
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





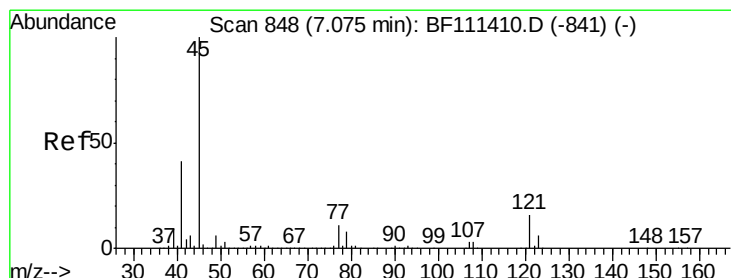
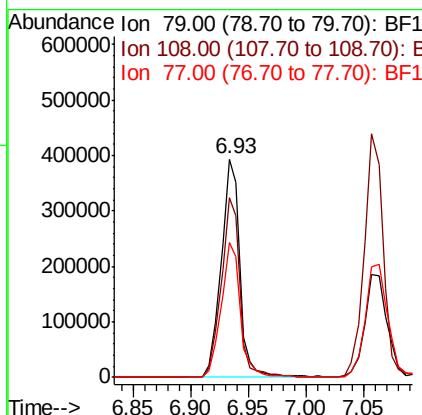
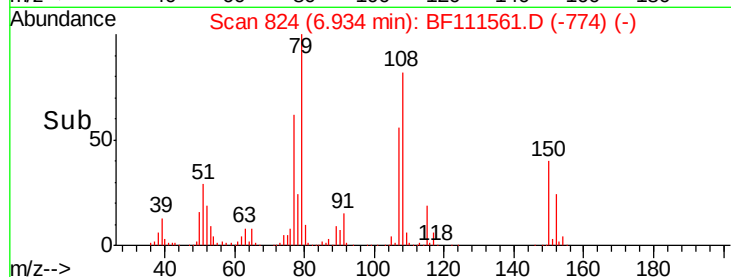
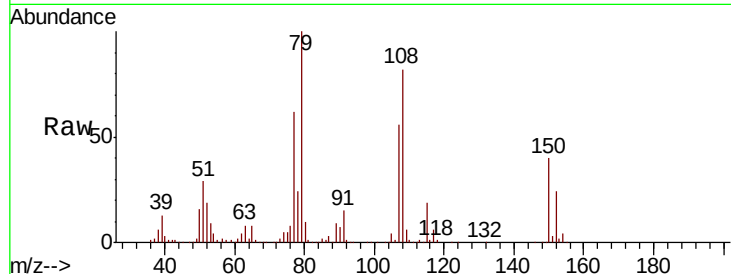
#15
Benzyl Alcohol
Concen: 33.661 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampled :
TP-6-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.5	69.4	104.2
77	61.8	49.7	74.5

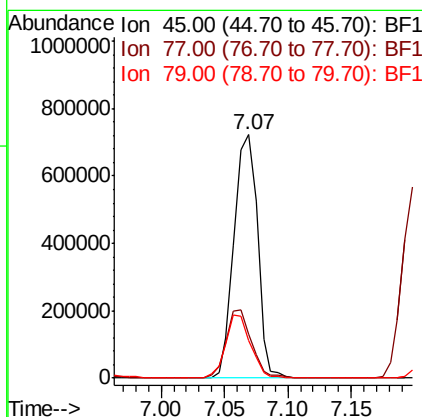
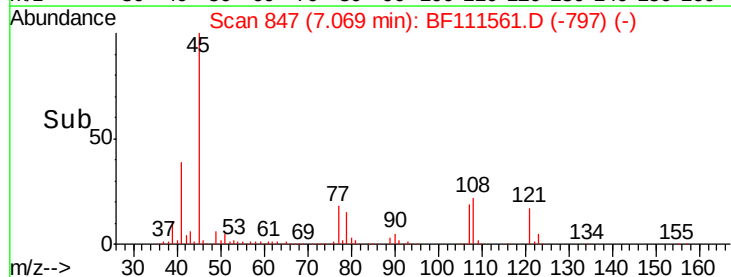
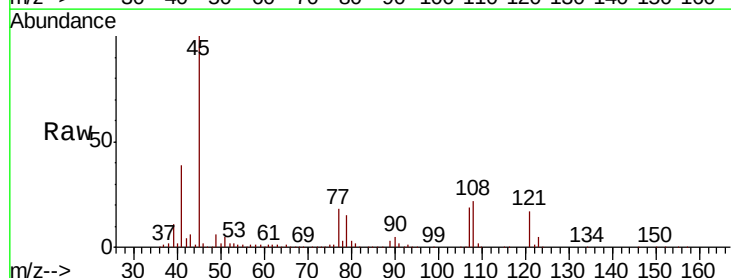
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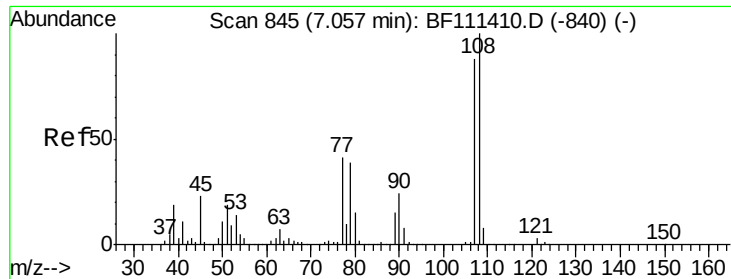
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 31.357 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.1	0.0	31.5
79	15.3	0.0	28.9





#17

2-Methylphenol

Concen: 34.897 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Instrument :

BNA_F

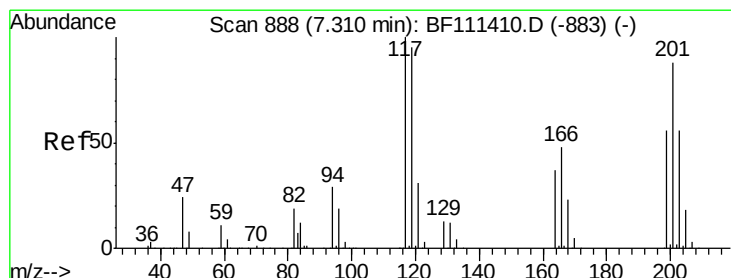
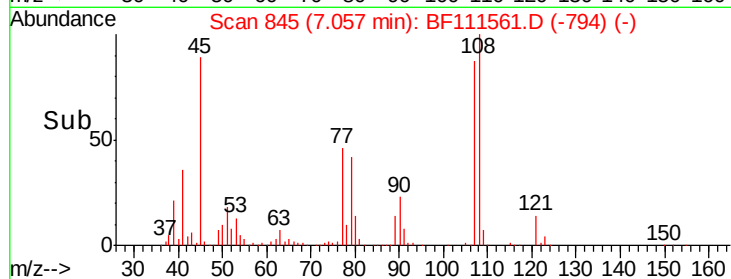
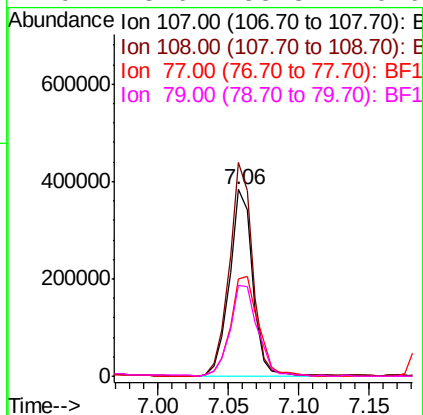
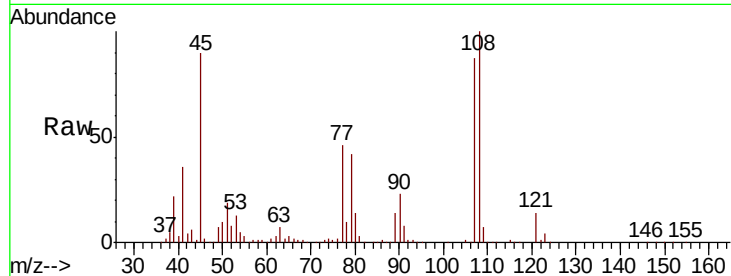
ClientSampleId :

TP-6-AMSD

Tot Ion:	107	Resp:	436292
Ion Ratio	Lower	Upper	
107	100		
108	114.4	91.0	136.4
77	52.2	33.5	50.3
79	48.6	33.3	49.9

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#18

Hexachloroethane

Concen: 30.201 ng

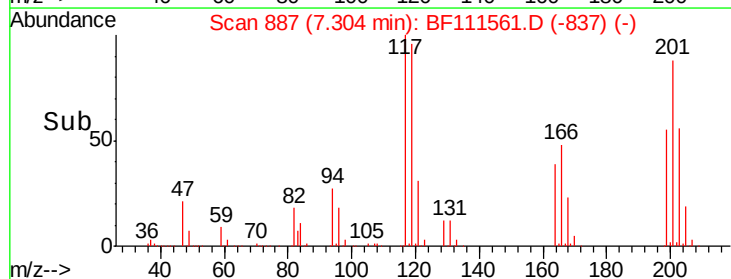
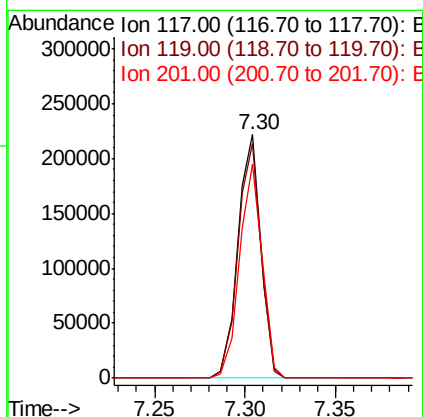
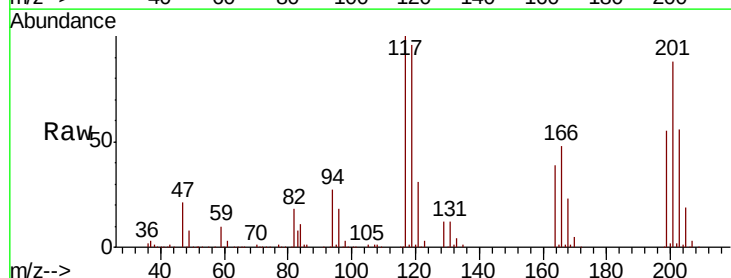
RT: 7.30 min Scan# 887

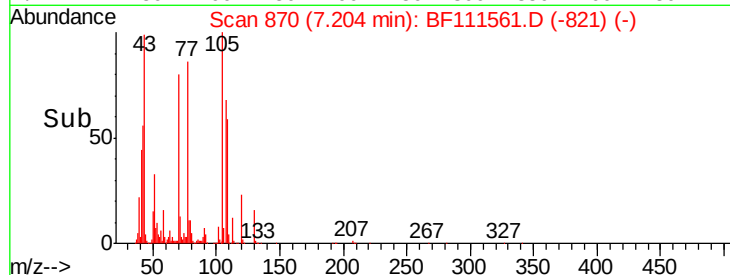
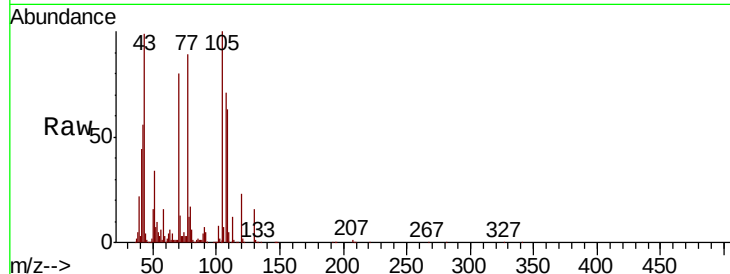
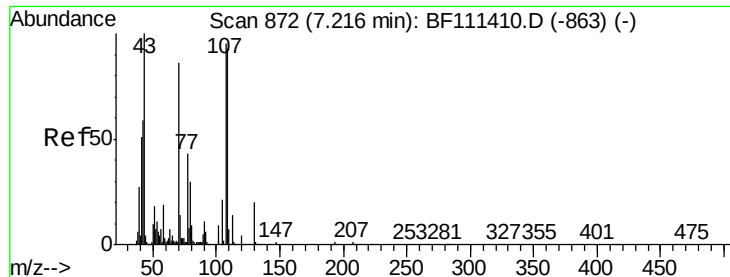
Delta R.T. -0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Tgt Ion:	117	Resp:	195085
Ion Ratio	Lower	Upper	
117	100		
119	96.4	75.4	113.0
201	87.8	62.4	93.6





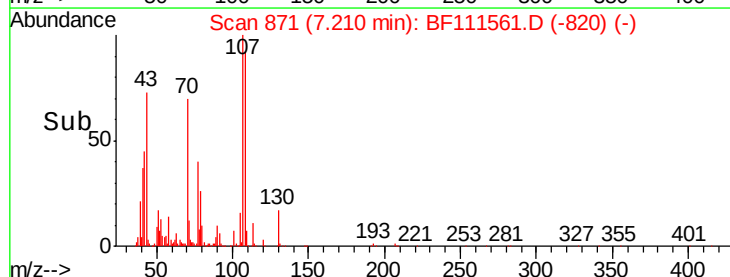
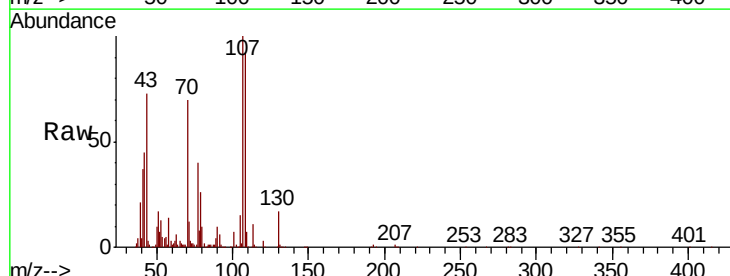
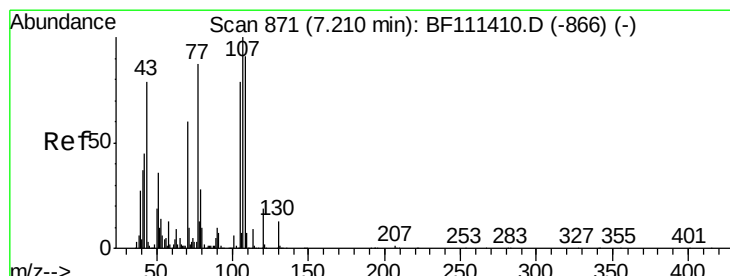
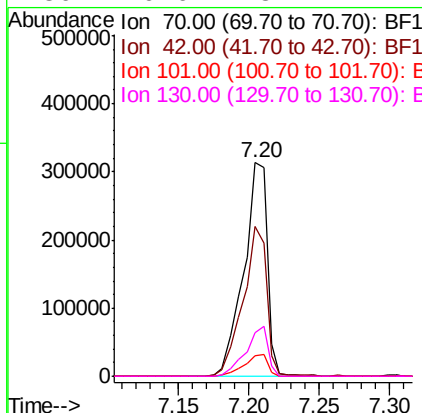
#19
n-Nitroso-di-n-propylamine
Concen: 32.231 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
TP-6-AMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.8	53.2	79.8
101	9.8	8.2	12.4
130	20.6	18.1	27.1

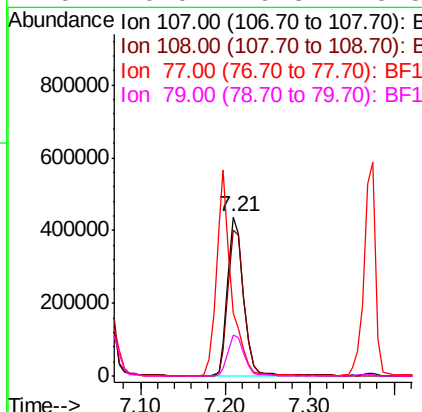
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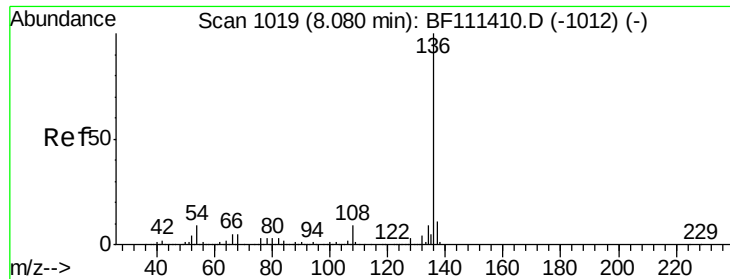
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#20
3+4-Methylphenols
Concen: 35.948 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	72.1	112.1
77	39.7	94.1	134.1#
79	26.0	9.8	49.8





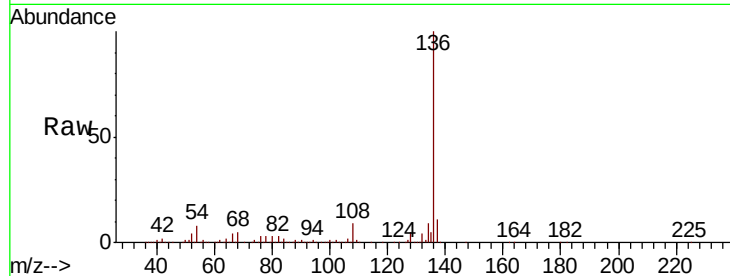
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
TP-6-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	874681		
137	10.6		9.1	13.7
54	8.1		7.7	11.5
68	5.3		4.9	7.3

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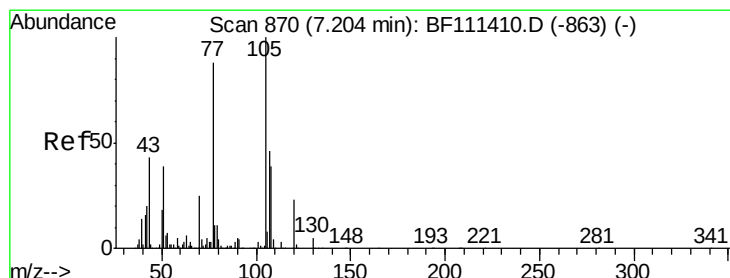
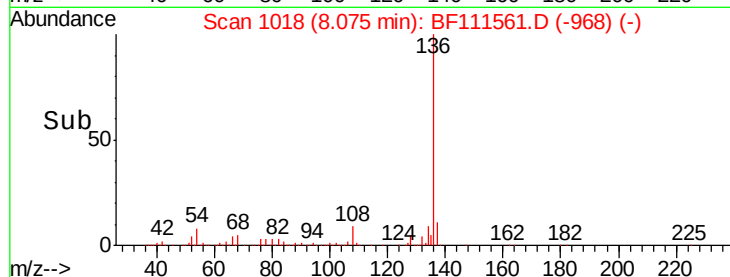
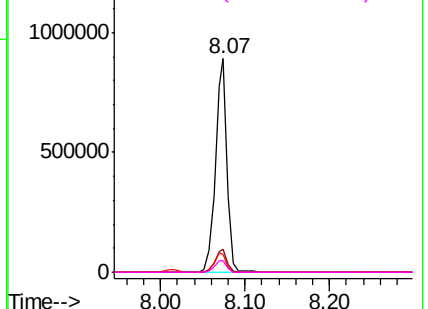
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.920 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	740415		
71	3.9		3.1	4.7
51	30.9		36.6	54.8#
120	23.1		18.2	27.4

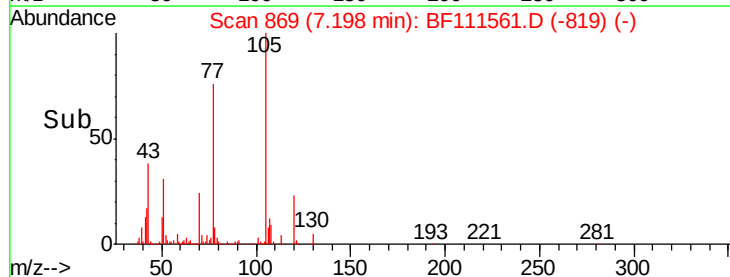
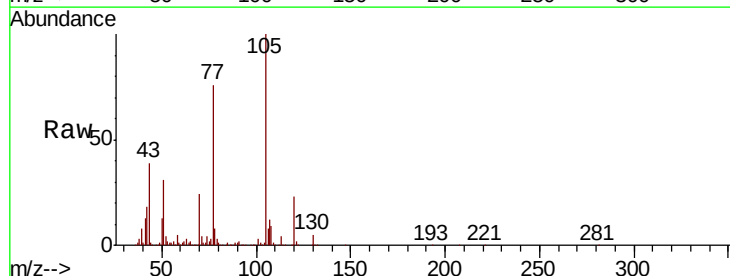
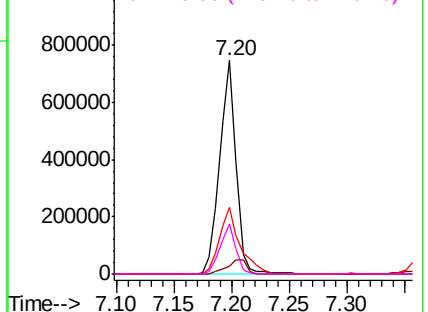
Abundance

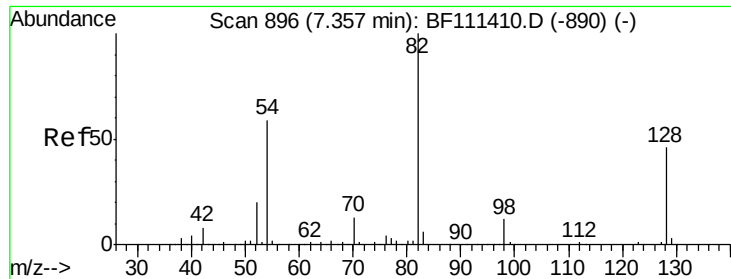
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





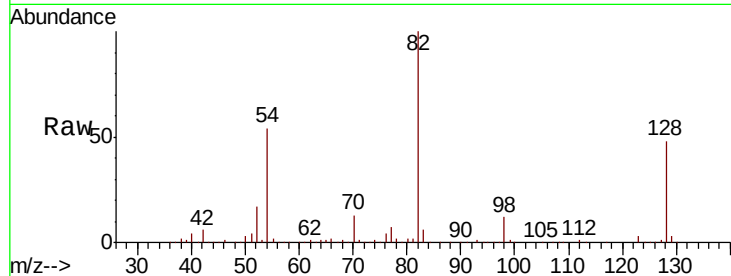
#23
Nitrobenzene-d5
Concen: 83.532 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
TP-6-AMSD

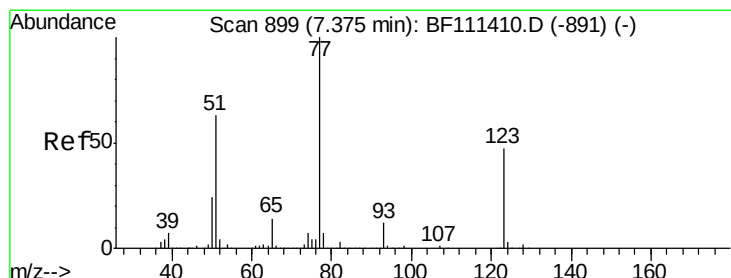
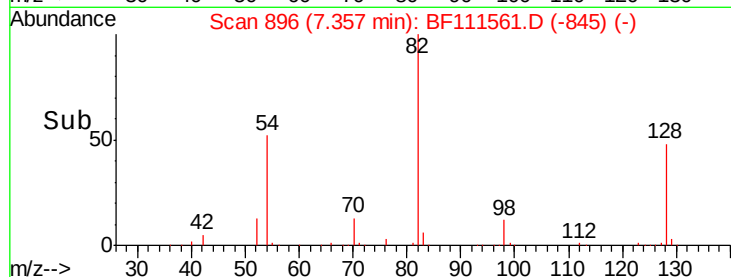
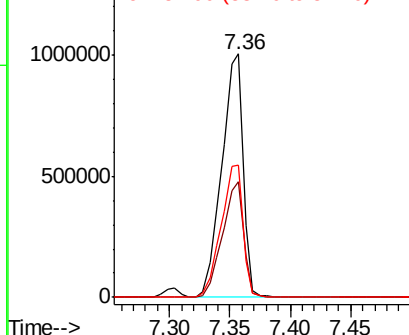
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.4	56.2
54	54.1	47.6	71.4

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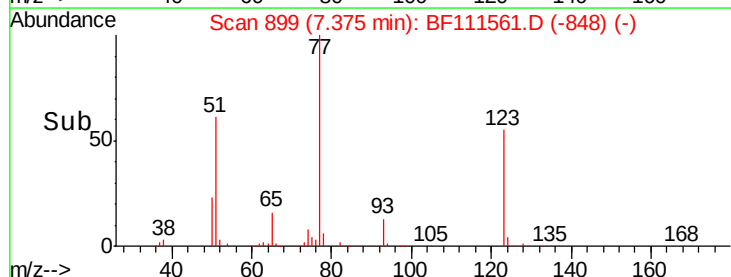
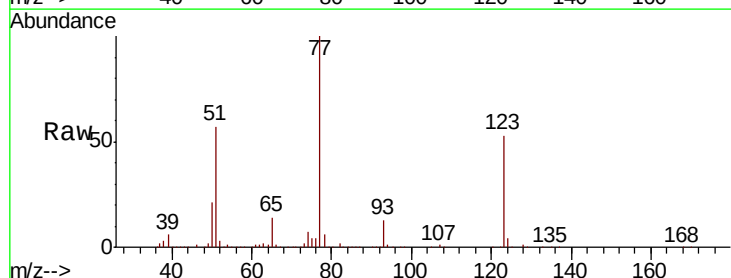
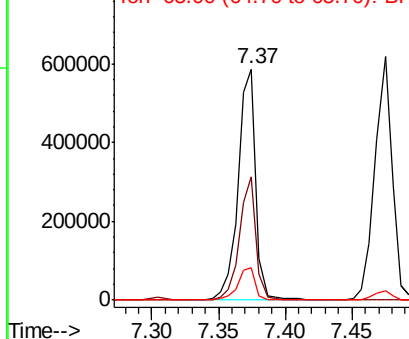
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

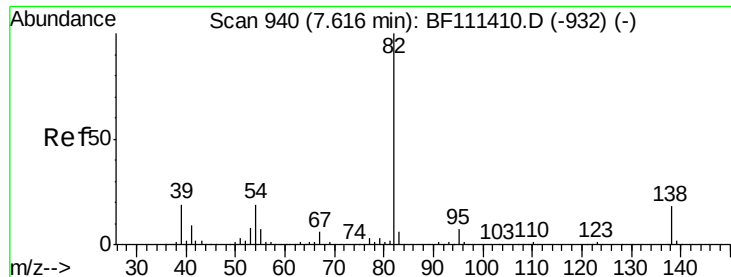


#24
Nitrobenzene
Concen: 35.949 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.3	37.2	55.8
65	14.0	11.5	17.3

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.648 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Instrument :

BNA_F

ClientSampleId :

TP-6-AMSD

Tot Ion: 82 Resp: 1010238

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

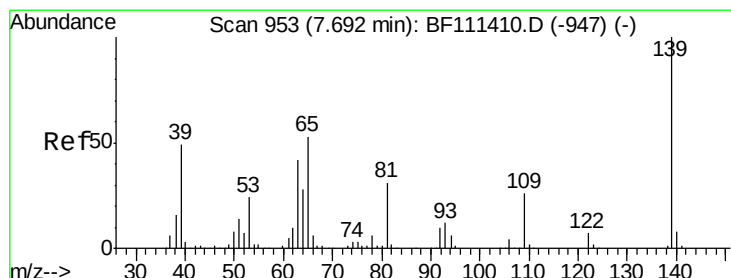
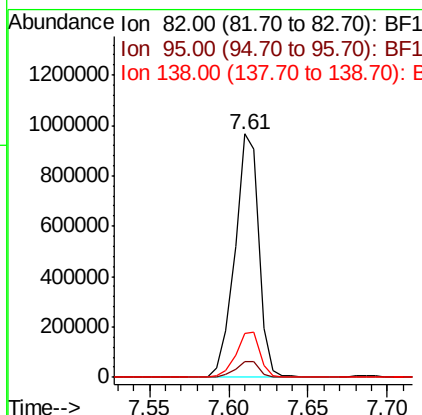
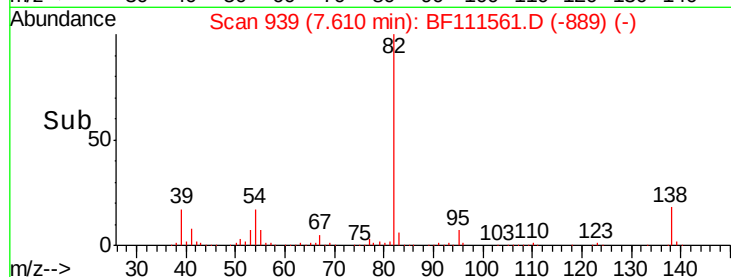
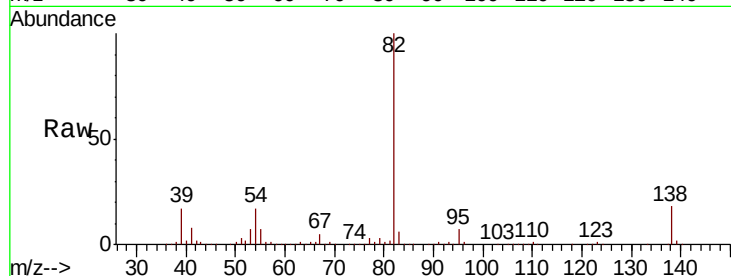
138 17.9 15.1 22.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 34.672 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

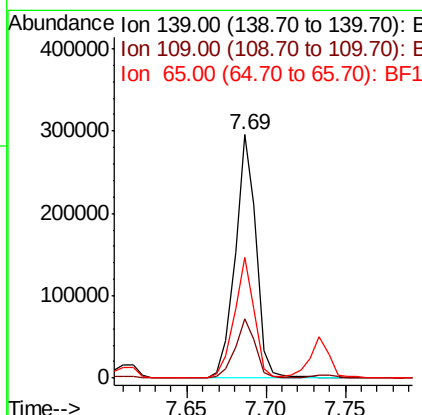
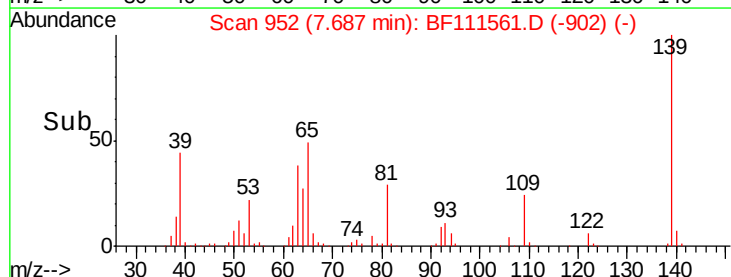
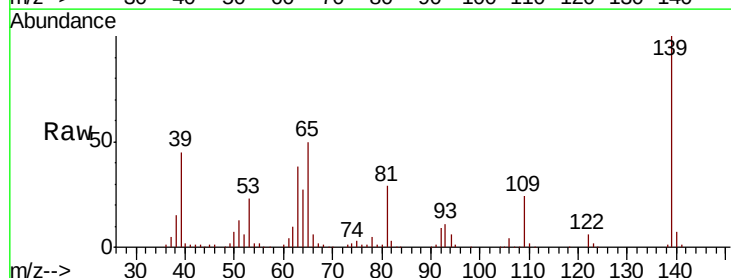
Tgt Ion: 139 Resp: 269424

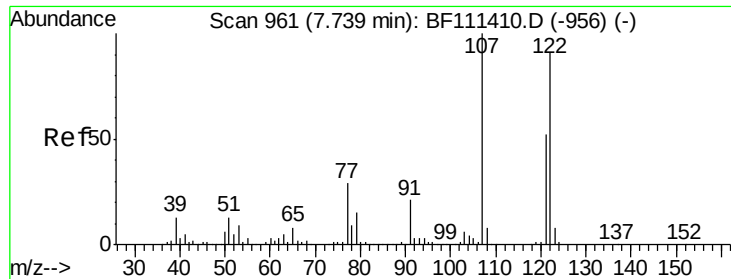
Ion Ratio Lower Upper

139 100

109 24.4 20.2 30.4

65 49.6 40.7 61.1





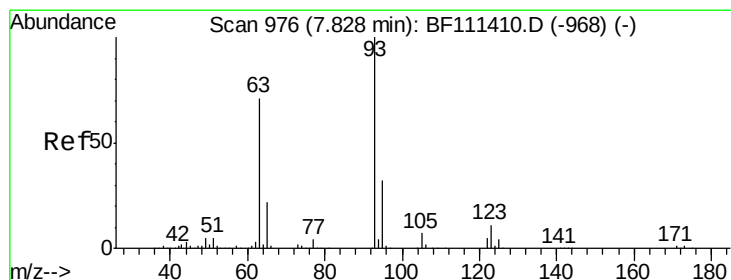
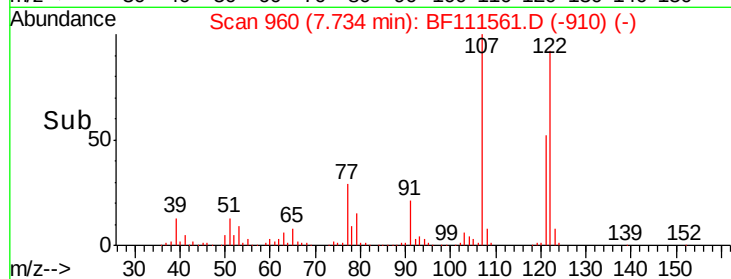
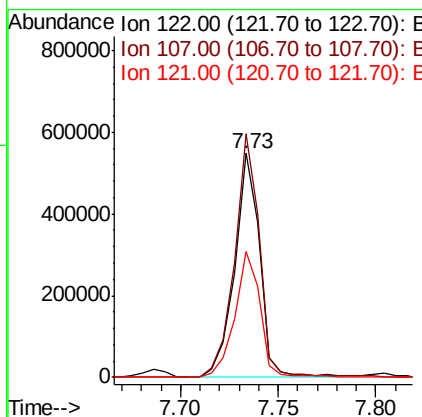
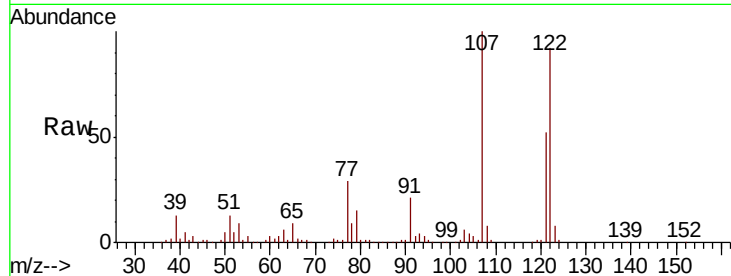
#27
 2,4-Dimethylphenol
 Concen: 43.077 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF111561.D
 Acq: 18 Dec 2018 1:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	485275		
107	108.5	85.5	128.3	
121	56.2	46.6	70.0	

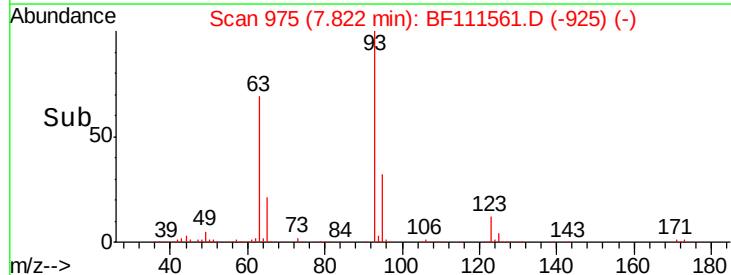
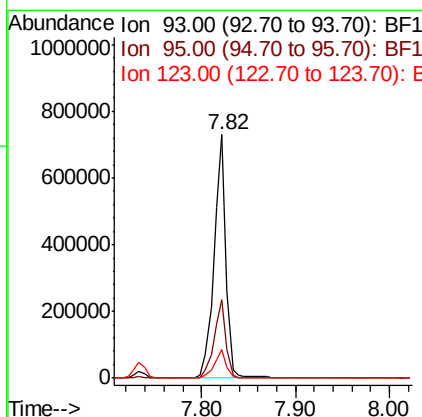
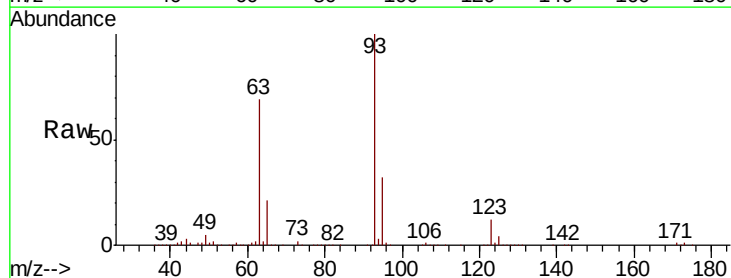
Manual Integrations
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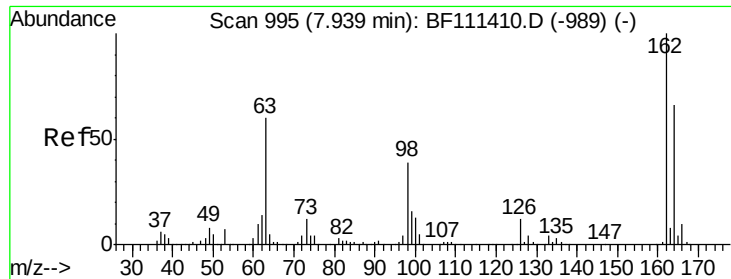
Sohil
 12/18/2018 12:49:50 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.318 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF111561.D
 Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	657437		
95	32.5	27.1	40.7	
123	11.9	9.9	14.9	





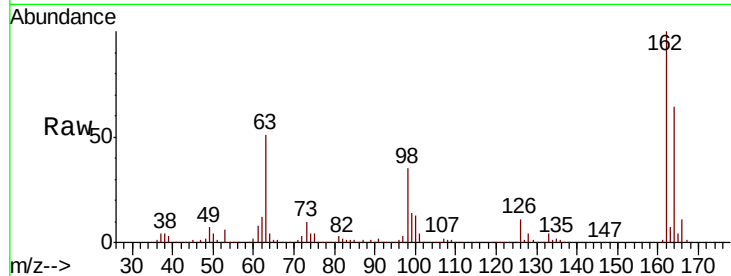
#29
2,4-Dichlorophenol
Concen: 36.538 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampled :
TP-6-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	439398		
164	63.8	44.4	84.4	
98	35.4	20.3	60.3	

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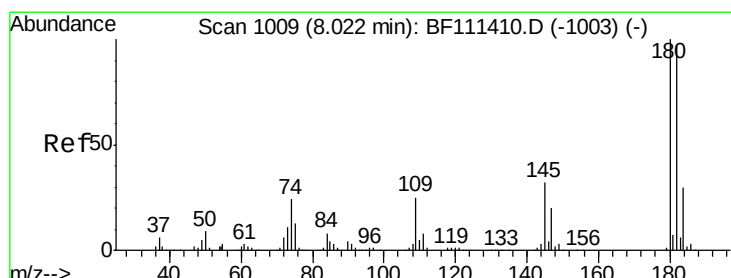
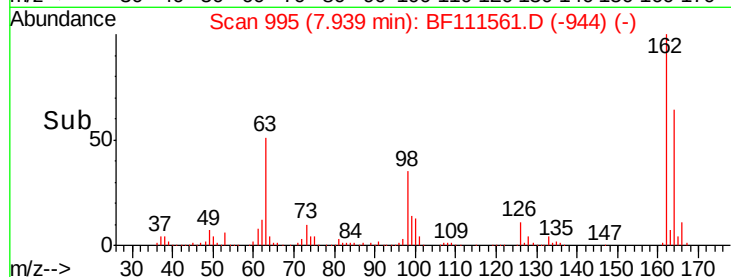
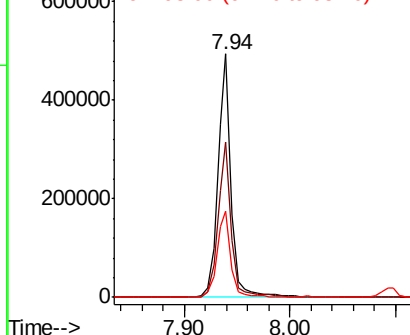


Abundance

Ion 162.00 (161.70 to 162.70): E

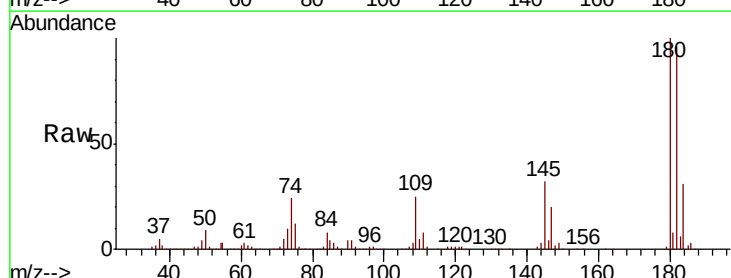
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 34.215 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	430734		
182	95.8	75.6	113.4	
145	32.3	26.7	40.1	

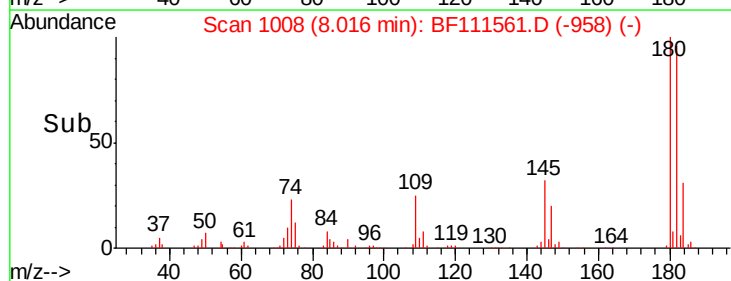
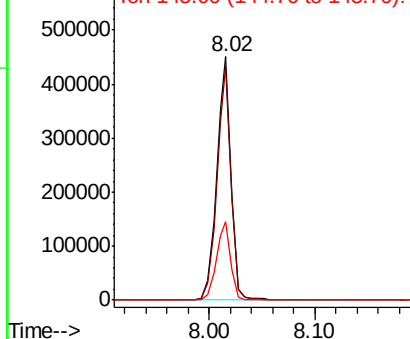


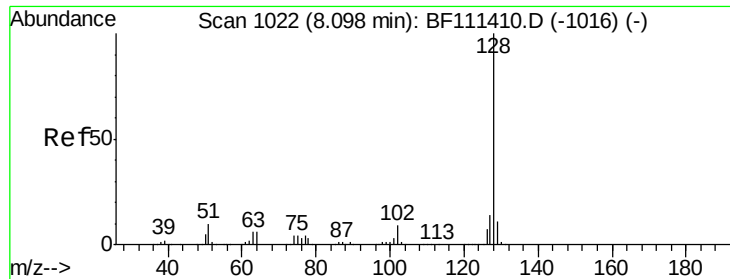
Abundance

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





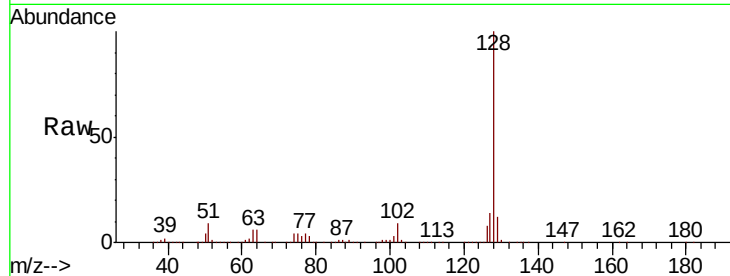
#31
Naphthalene
Concen: 37.754 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
TP-6-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.8
127	13.7	12.0	18.0

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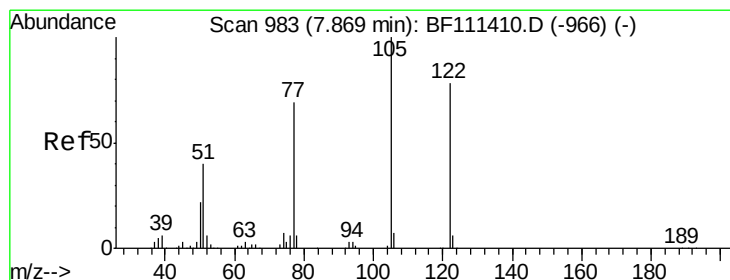
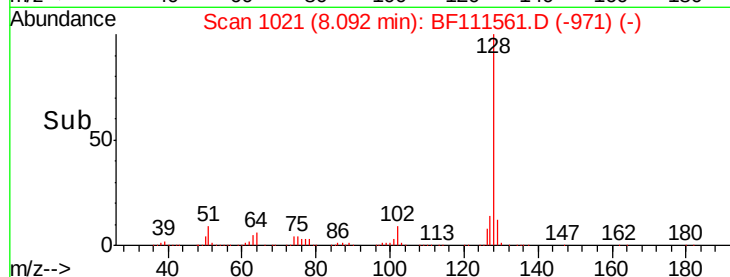
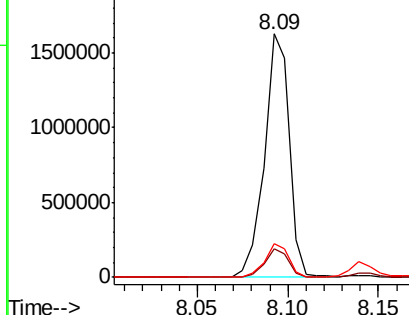


Abundance

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: 2.201 ng m
RT: 7.80 min Scan# 972
Delta R.T. -0.06 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

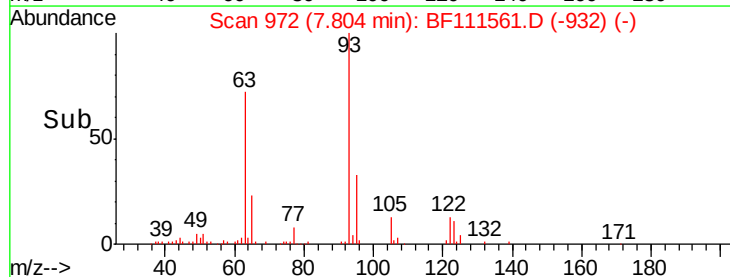
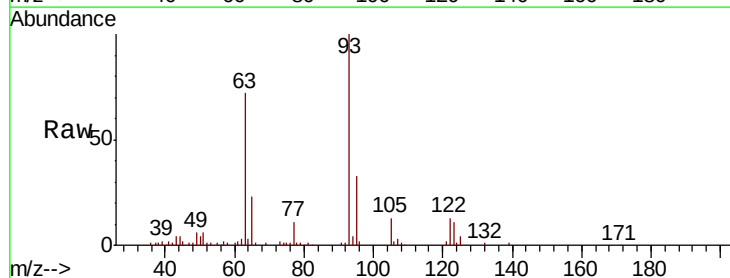
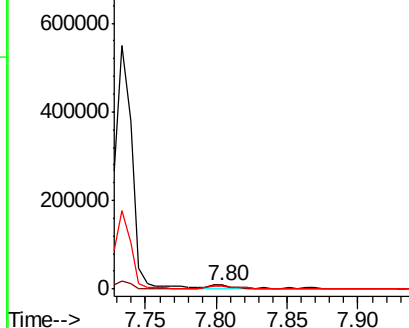
Tgt Ion	Ratio	Lower	Upper
122	100		
105	101.0	97.0	137.0
77	82.1	65.7	105.7

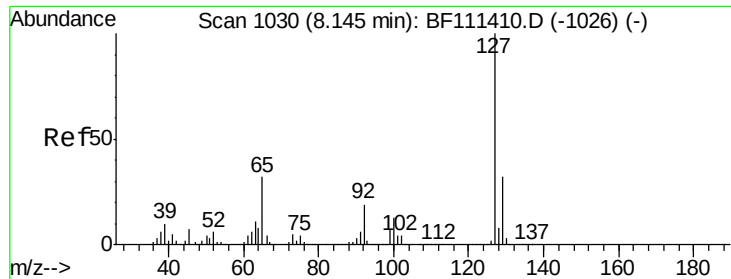
Abundance

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





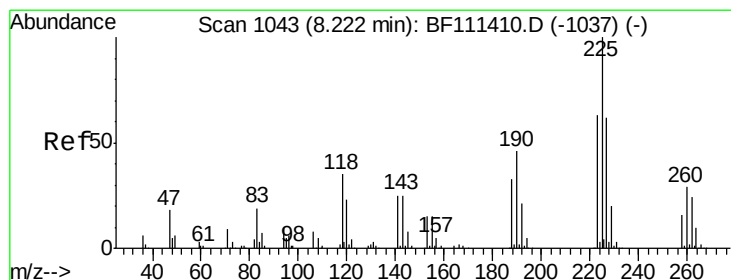
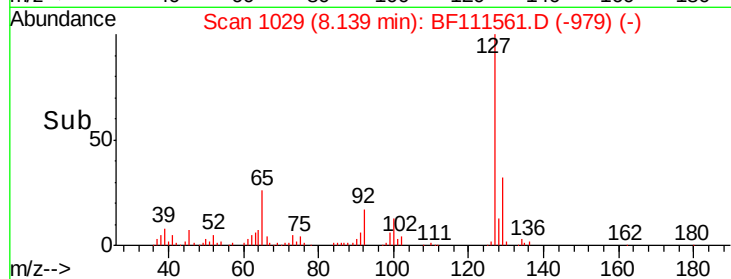
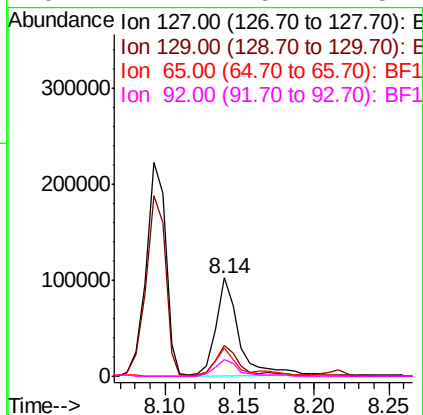
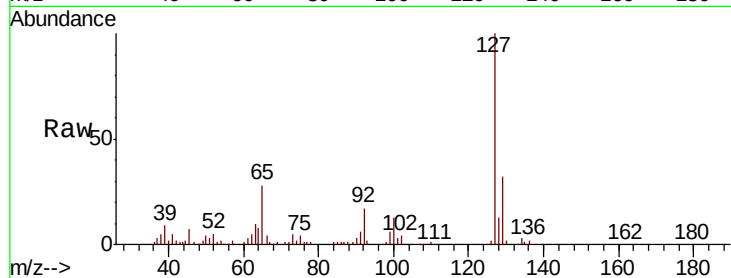
#33
4-Chloroaniline
Concen: 6.051 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
TP-6-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		110085		
129	31.9	26.6	39.8		
65	28.1	25.7	38.5		
92	17.4	15.4	23.2		

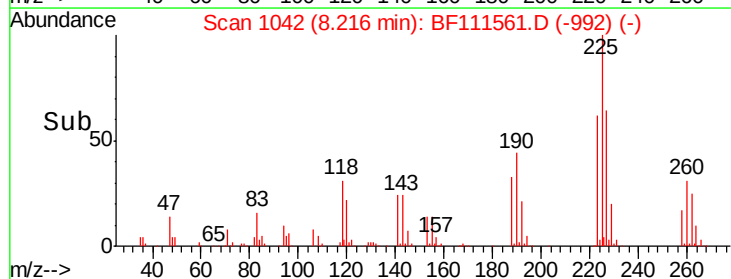
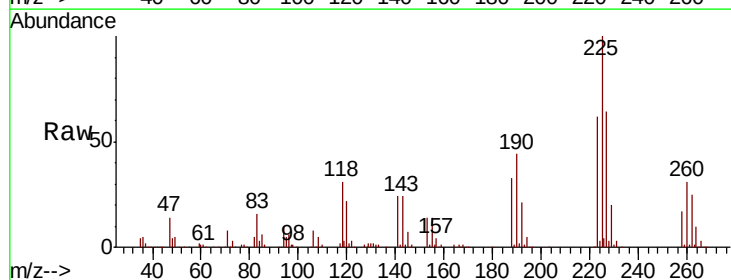
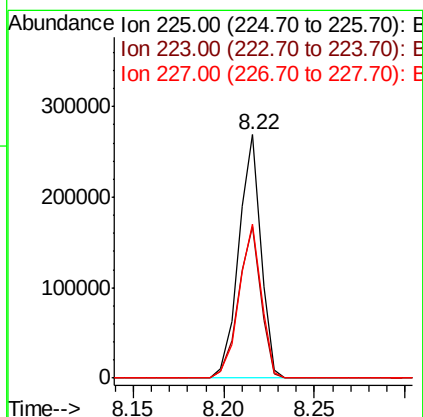
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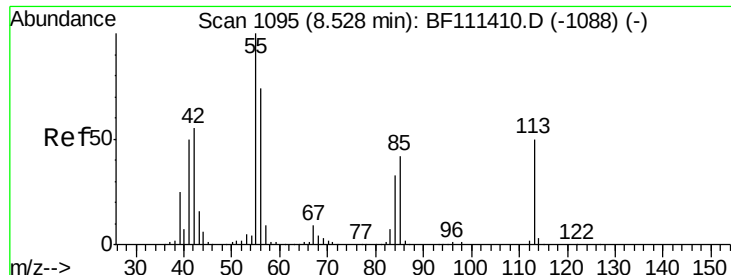
Sohil
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#34
Hexachlorobutadiene
Concen: 32.790 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		227421		
223	62.3	50.7	76.1		
227	63.5	52.6	78.8		





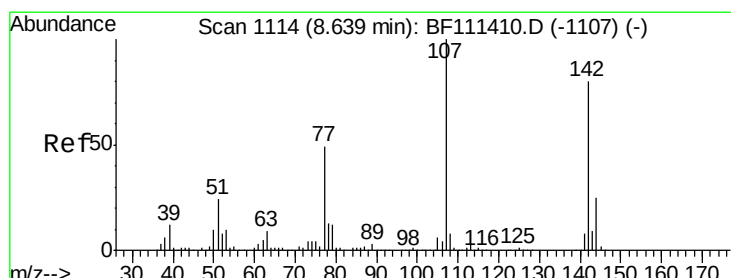
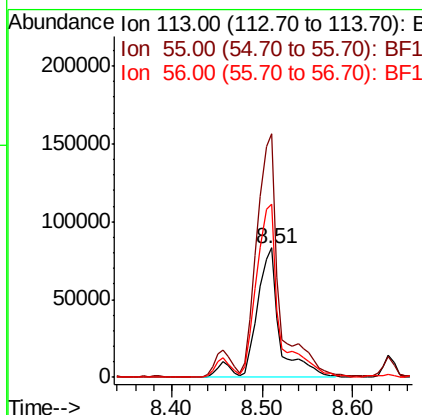
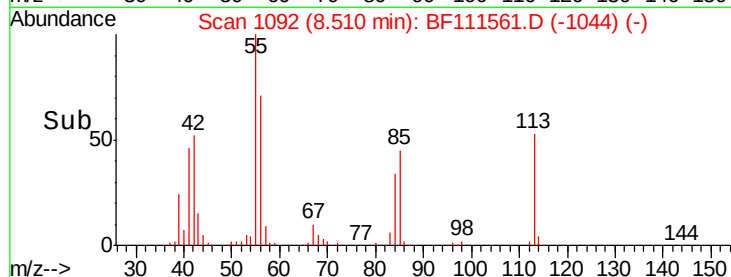
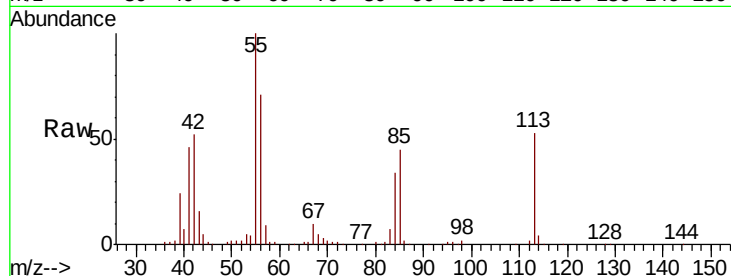
#35
 Caprolactam
 Concen: 33.510 ng/ml
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.02 min
 Lab File: BF111561.D
 Acq: 18 Dec 2018 1:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	188.6	184.1	224.1
56	133.8	126.0	166.0

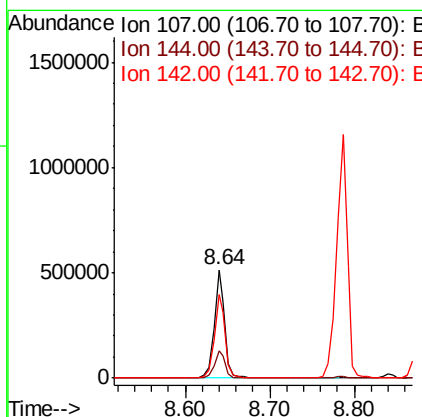
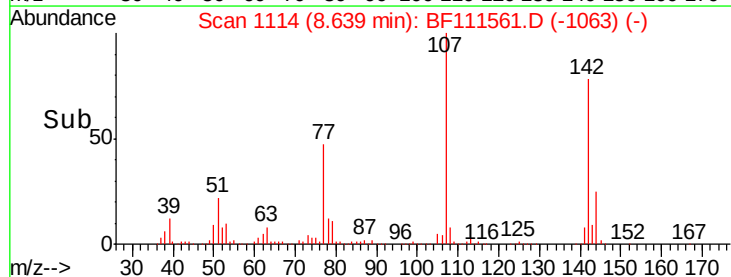
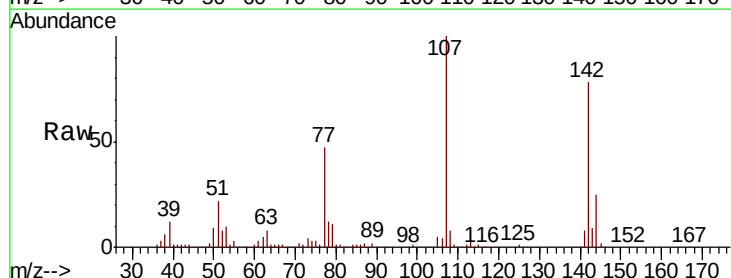
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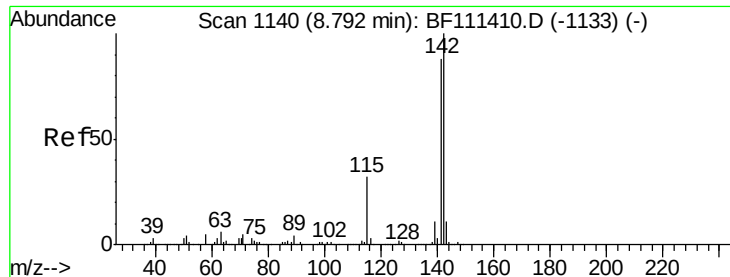
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 34.831 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF111561.D
 Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.8	29.6
142	77.7	62.3	93.5





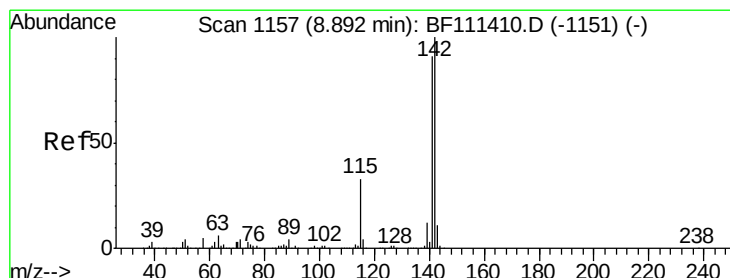
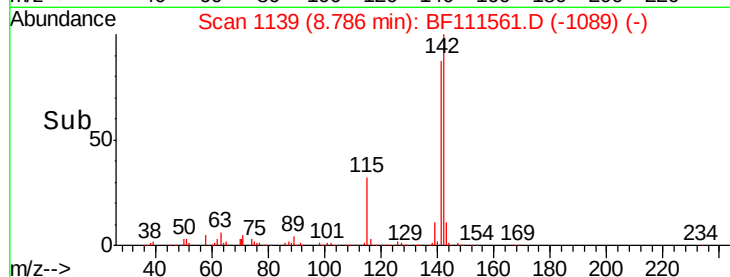
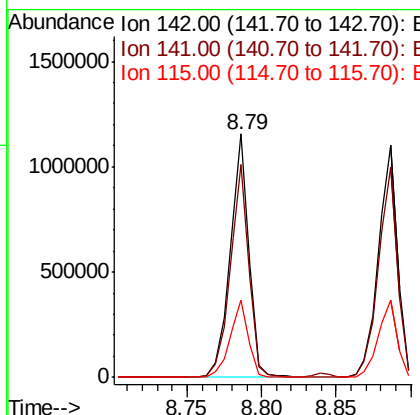
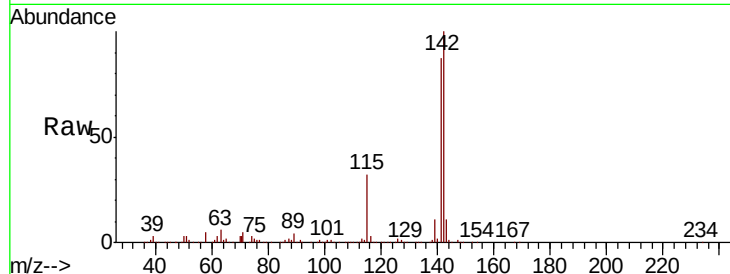
#37
2-Methylnaphthalene
Concen: 37.059 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
TP-6-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.6	105.8
115	31.9	27.0	40.6

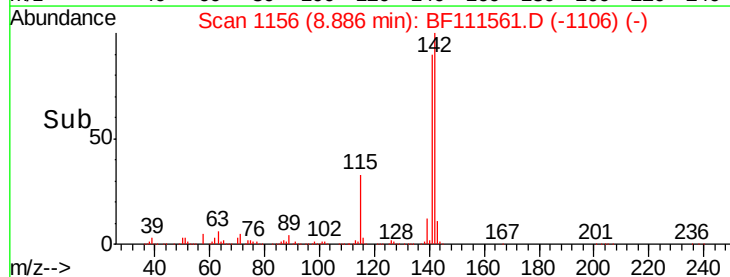
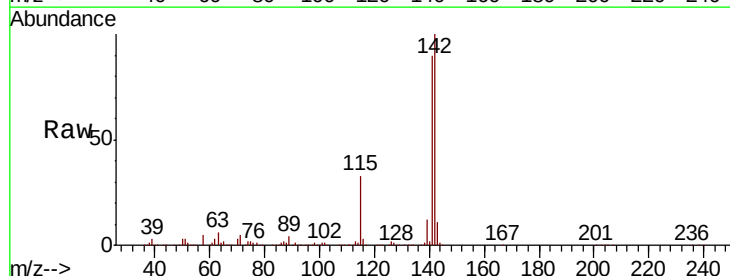
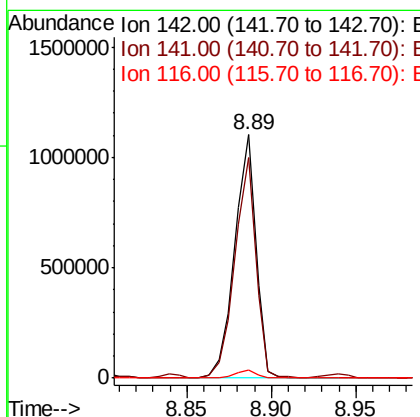
Manual Integrations
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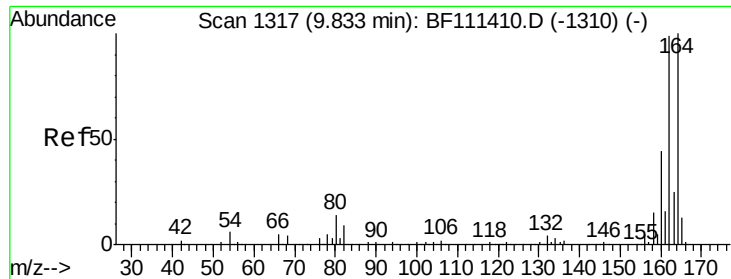
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#38
1-Methylnaphthalene
Concen: 35.827 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	74.2	111.4
116	3.4	2.9	4.3





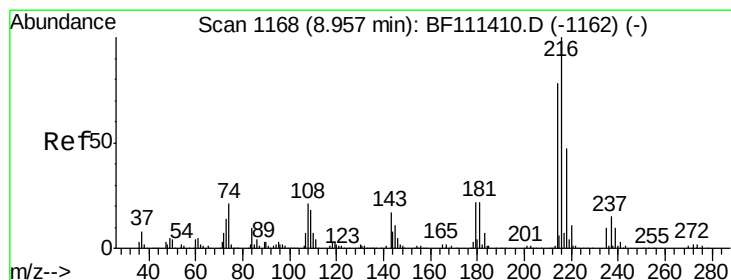
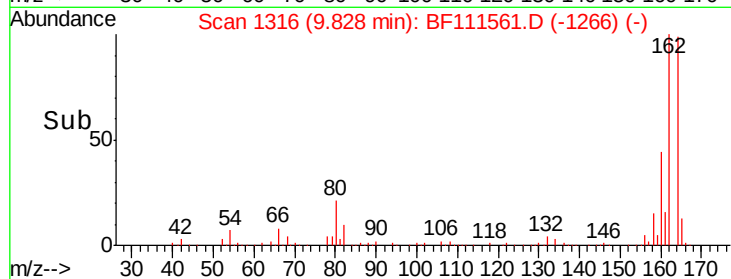
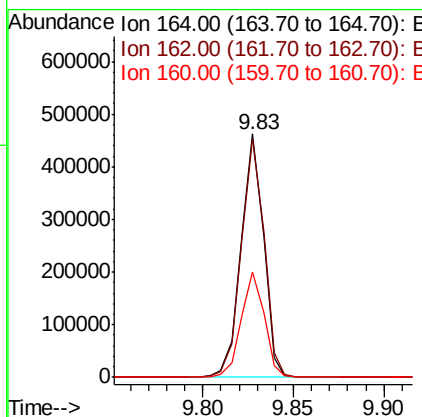
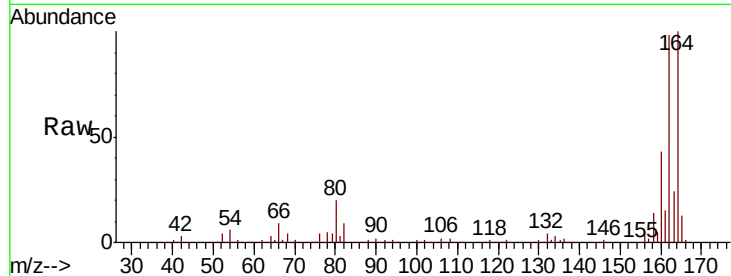
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111561.D
 Acq: 18 Dec 2018 1:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	398407		
162	97.8		81.4	122.0
160	43.3		35.7	53.5

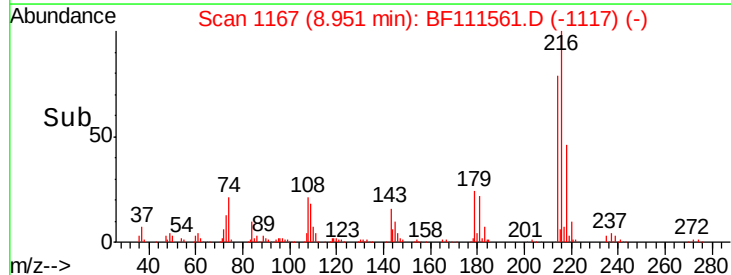
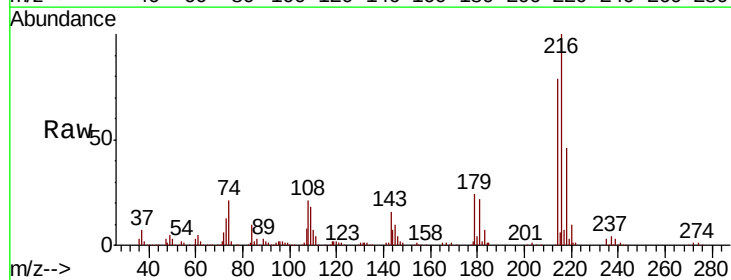
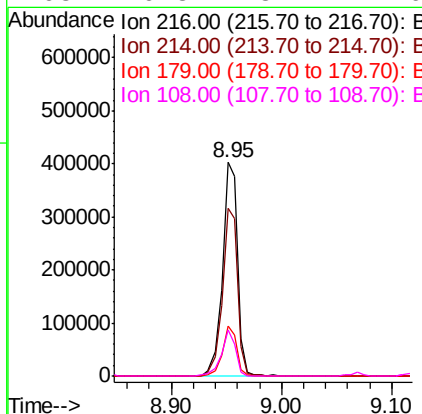
Manual Integrations
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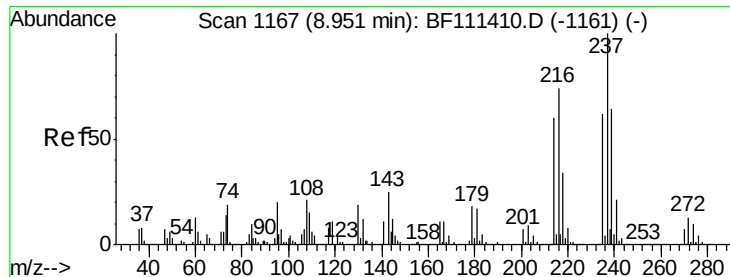
Sohil
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.007 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF111561.D
 Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	382482		
214	79.0		63.8	95.8
179	22.0		17.9	26.9
108	20.3		18.4	27.6





#41

Hexachlorocyclopentadiene

Concen: 20.709 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Instrument :

BNA_F

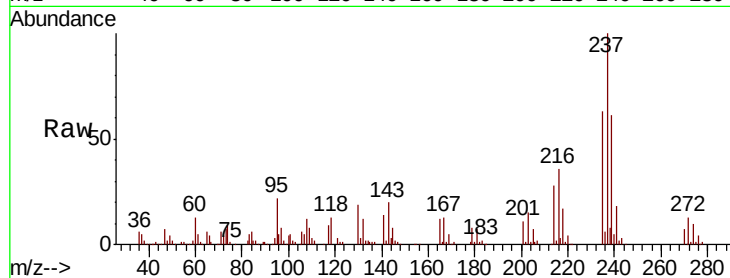
ClientSampleId :

TP-6-AMSD

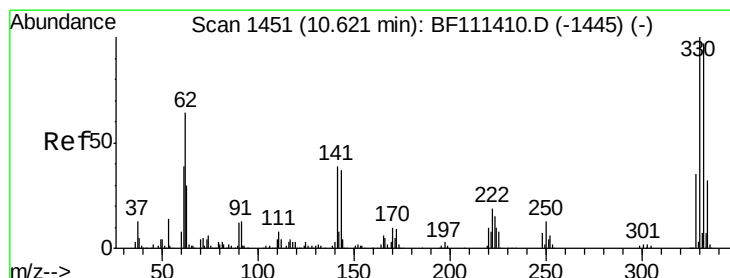
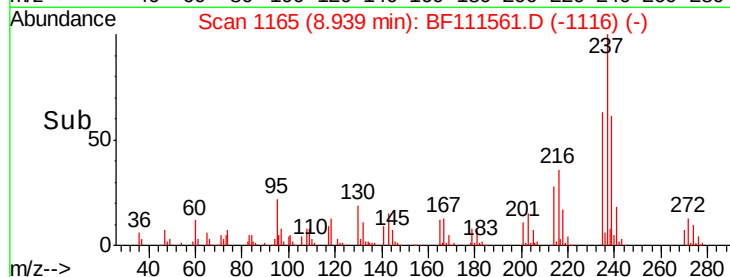
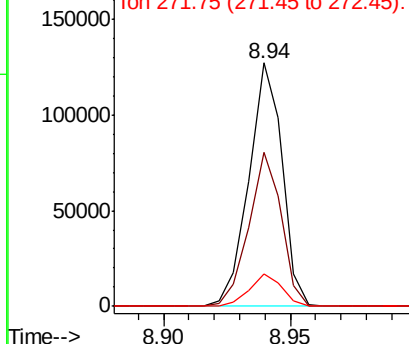
Tot Ion:	237	Resp:	116168
Ion Ratio		Lower	Upper
237	100		
235	63.1	43.1	83.1
272	13.4	0.0	33.0

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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: 101.640 ng

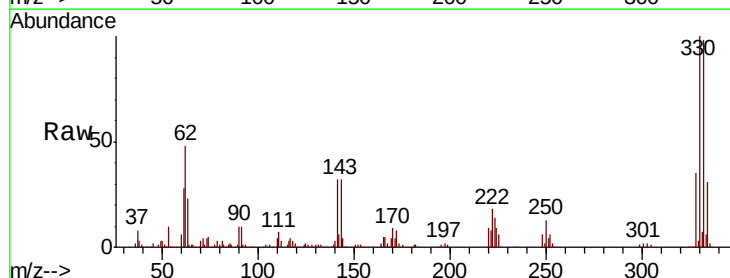
RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

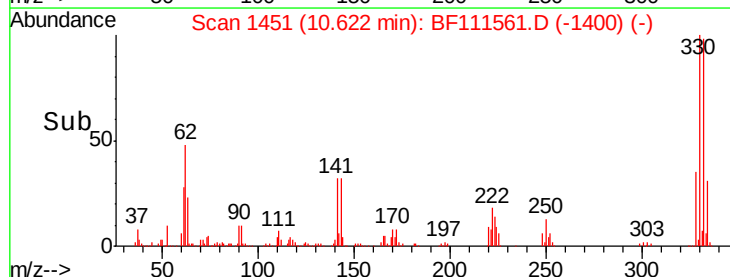
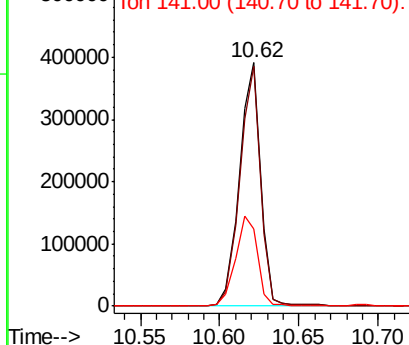
Lab File: BF111561.D

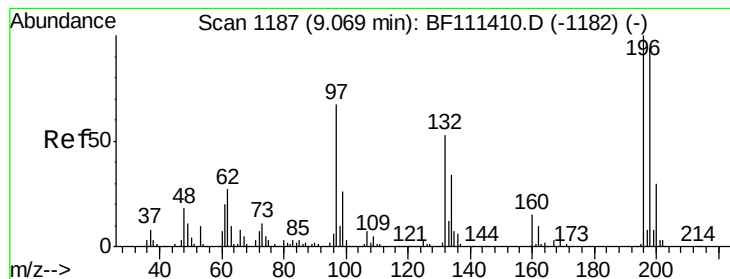
Acq: 18 Dec 2018 1:31

Tgt Ion:	330	Resp:	362742
Ion Ratio		Lower	Upper
330	100		
332	96.4	76.0	114.0
141	38.7	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: 36.240 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Instrument :

BNA_F

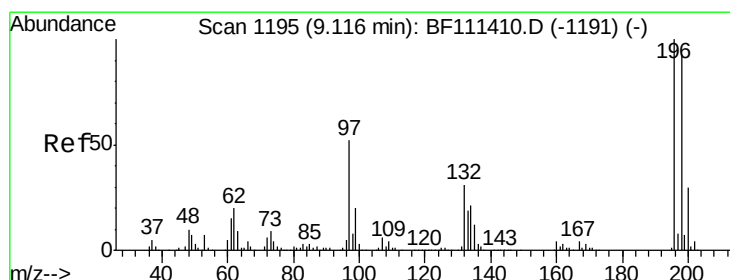
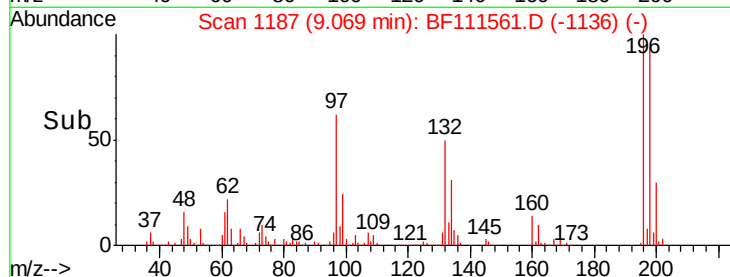
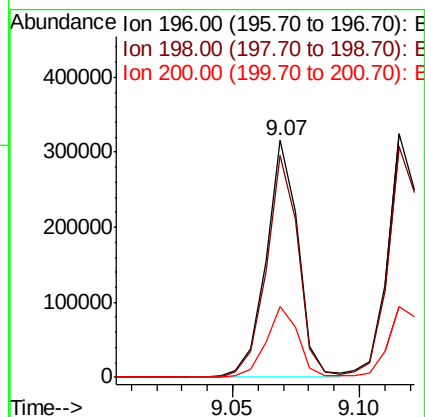
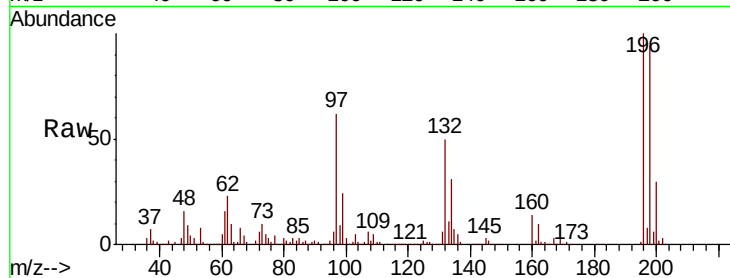
ClientSampled :

TP-6-AMSD

Tot Ion:	196	Resp:	280244
Ion Ratio	Lower	Upper	
196	100		
198	93.6	76.3	114.5
200	29.7	24.9	37.3

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#44

2,4,5-Trichlorophenol

Concen: 35.474 ng

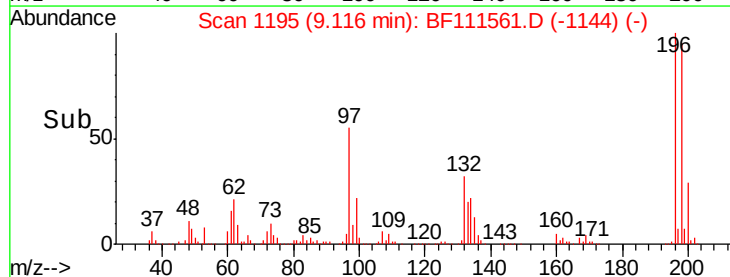
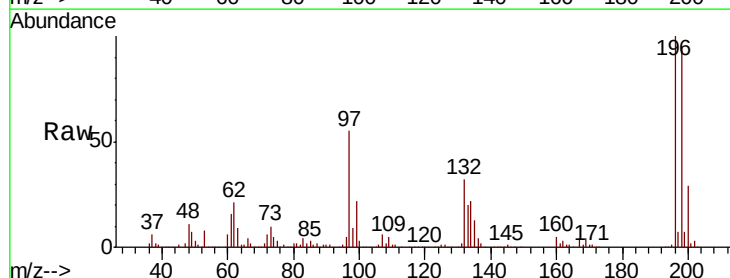
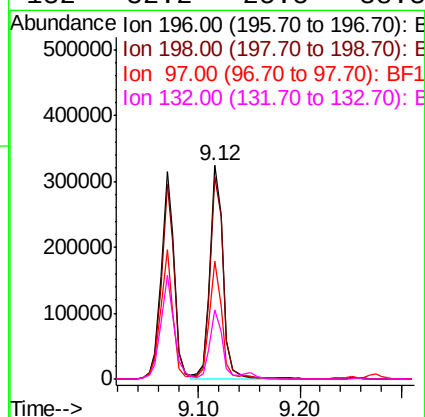
RT: 9.12 min Scan# 1195

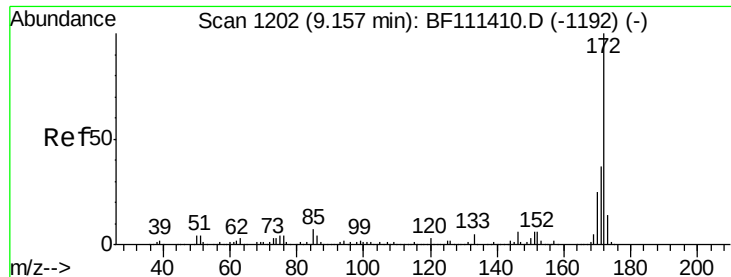
Delta R.T. 0.00 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Tgt Ion:	196	Resp:	291904
Ion Ratio	Lower	Upper	
196	100		
198	94.9	72.9	109.3
97	55.0	45.3	67.9
132	32.2	25.5	38.3





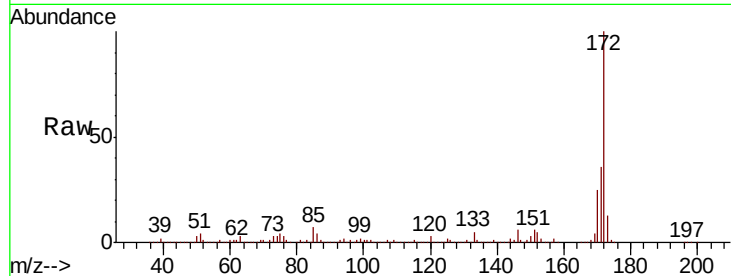
#45
2-Fluorobiphenyl
Concen: 76.341 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
TP-6-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	33.0	49.4
170	24.9	22.3	33.5

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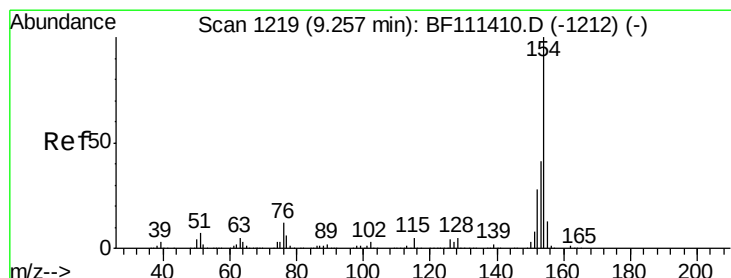
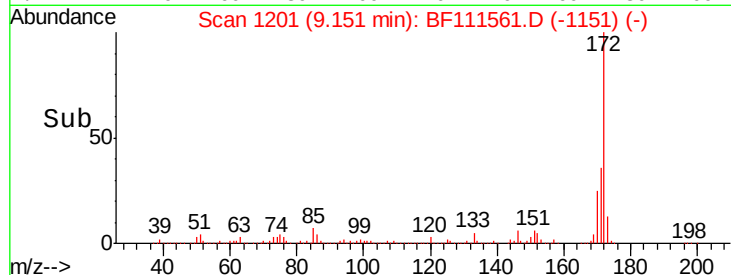
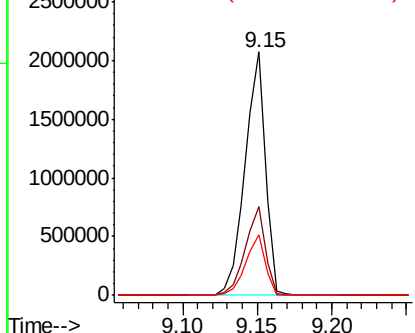


Abundance

Ion 172.00 (171.70 to 172.70): E

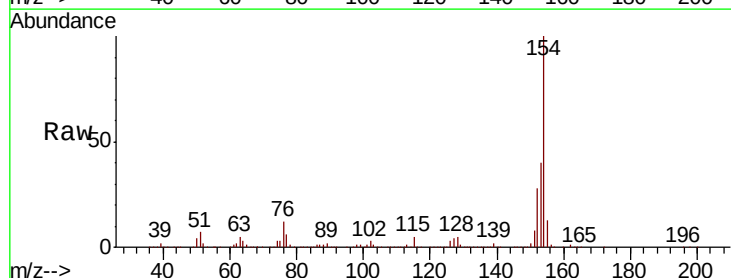
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 33.939 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	23.7	63.7
76	12.1	0.0	35.0

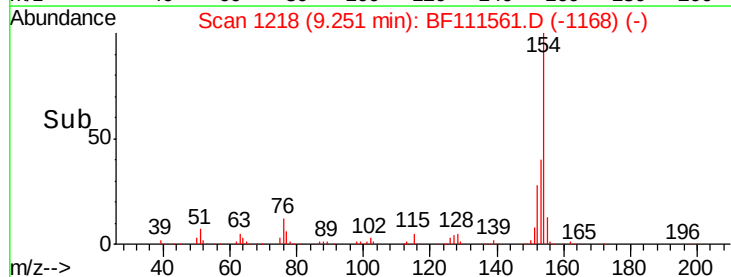
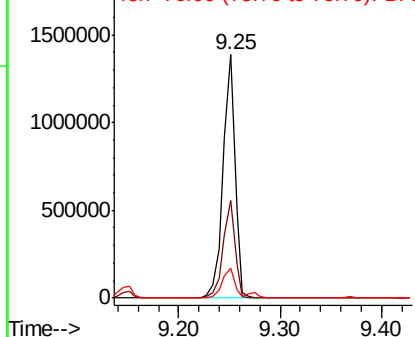


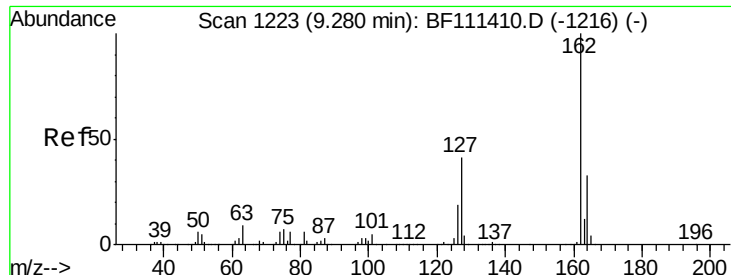
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





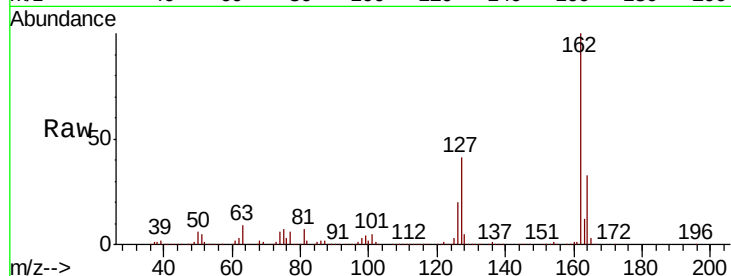
#47
2-Chloronaphthalene
Concen: 34.819 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
TP-6-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	893446		
127	41.4		35.0	52.4
164	33.5		28.4	42.6

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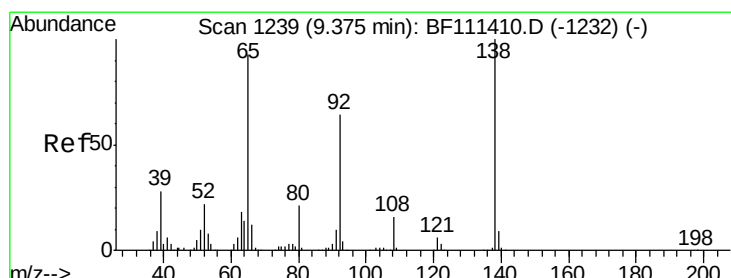
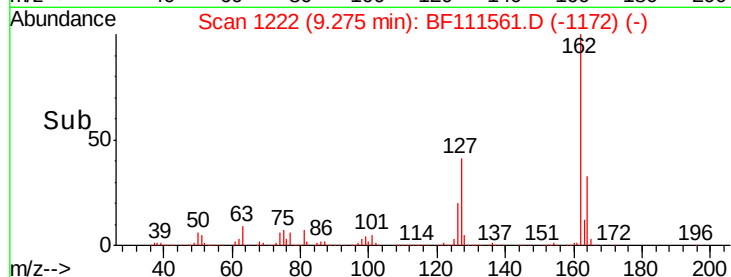
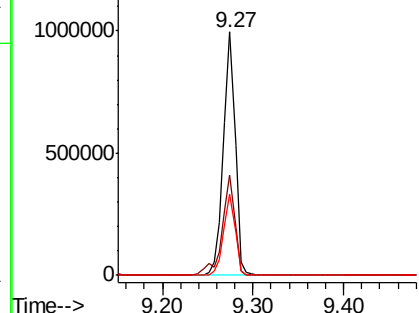


Abundance

Ion 162.00 (161.70 to 162.70): E

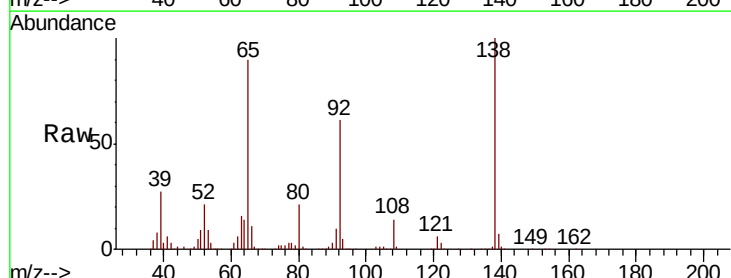
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 35.318 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	294252		
92	67.9		53.5	80.3
138	110.5		80.9	121.3

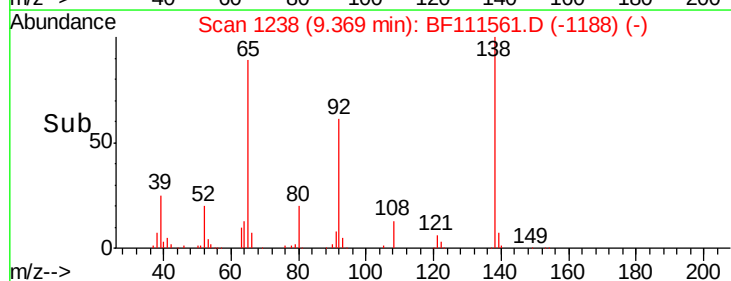
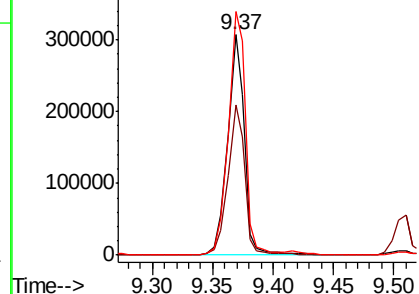


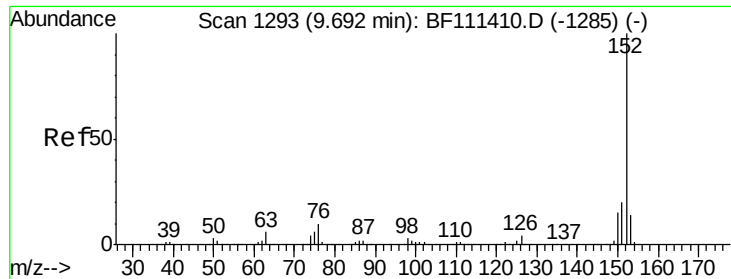
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.401 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Instrument :

BNA_F

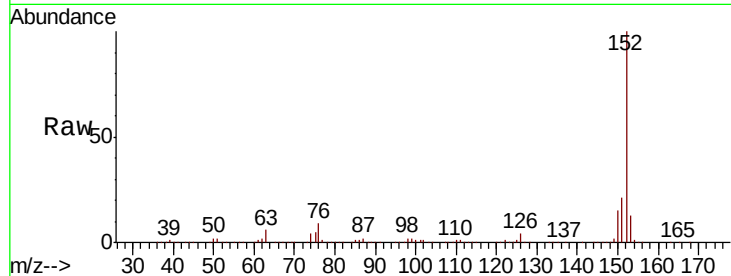
ClientSampleId :

TP-6-AMSD

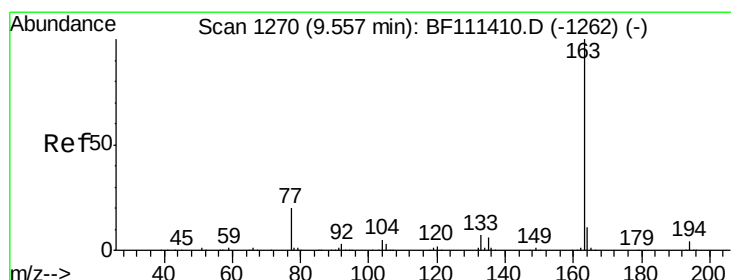
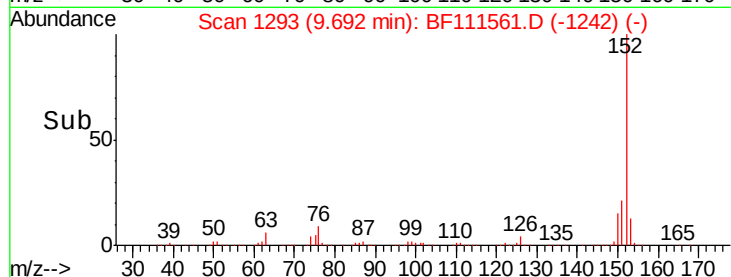
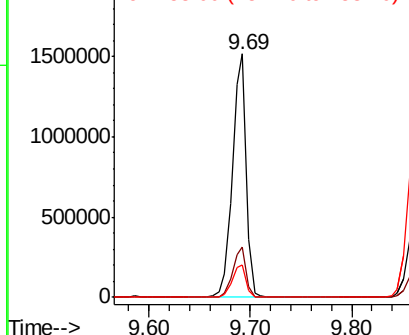
Tot Ion:	152	Resp:	1424541
Ion	Ratio	Lower	Upper
152	100		
151	20.6	18.0	27.0
153	13.1	12.3	18.5

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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: 45.705 ng

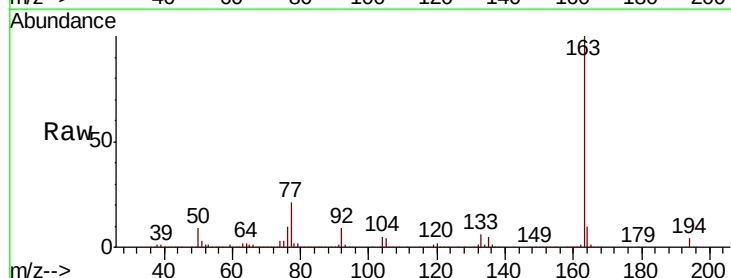
RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

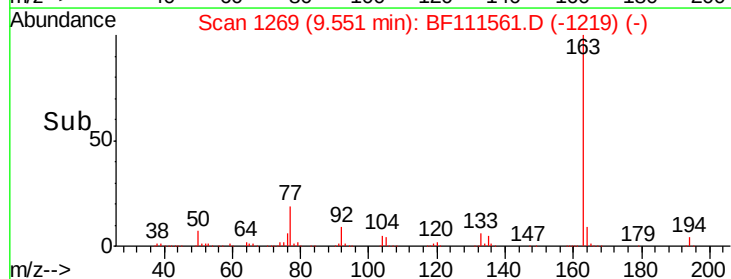
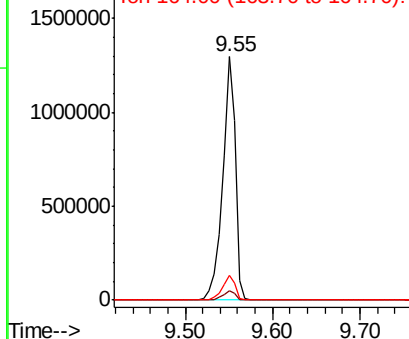
Lab File: BF111561.D

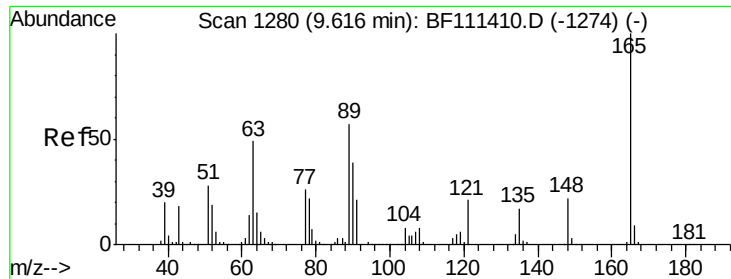
Acq: 18 Dec 2018 1:31

Tgt Ion:	163	Resp:	1311399
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.4	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: 35.161 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Instrument :

BNA_F

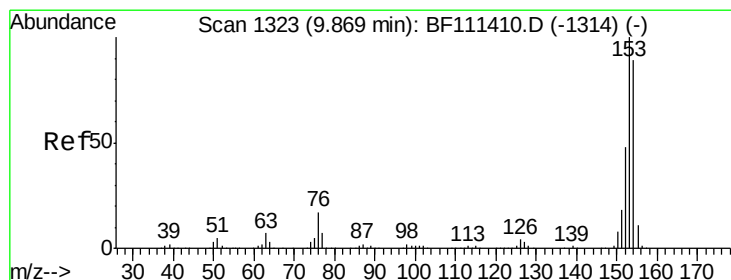
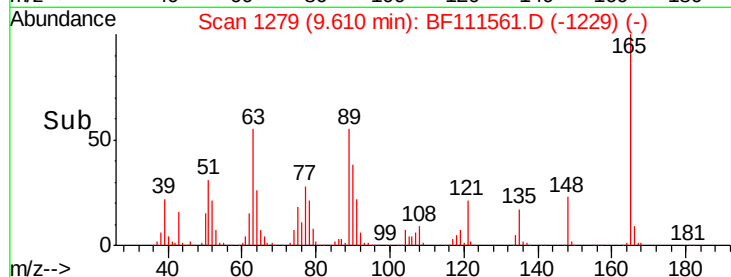
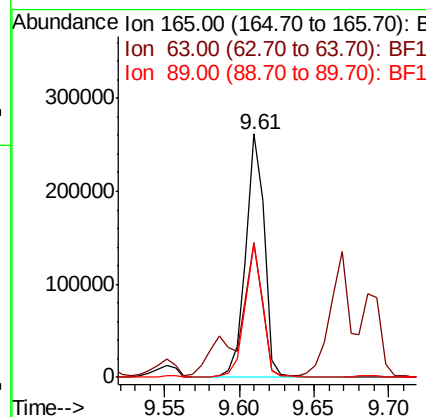
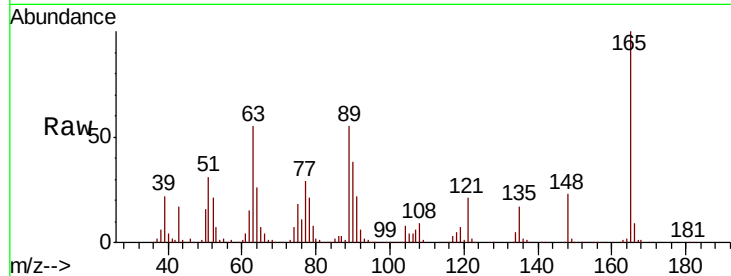
ClientSampleId :

TP-6-AMSD

Tot Ion:	165	Resp:	227086
Ion Ratio	Lower	Upper	
165	100		
63	55.2	40.5	60.7
89	54.7	40.0	60.0

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#52

Acenaphthene

Concen: 33.700 ng

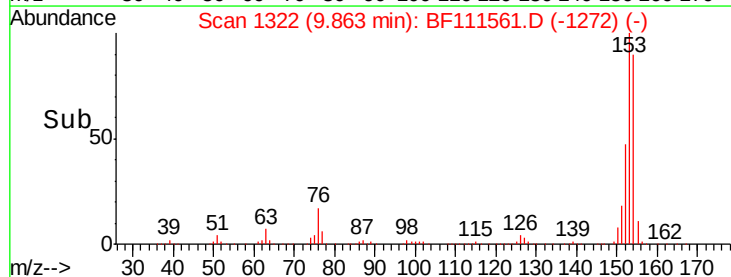
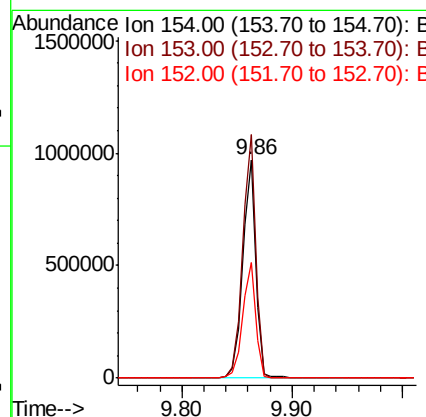
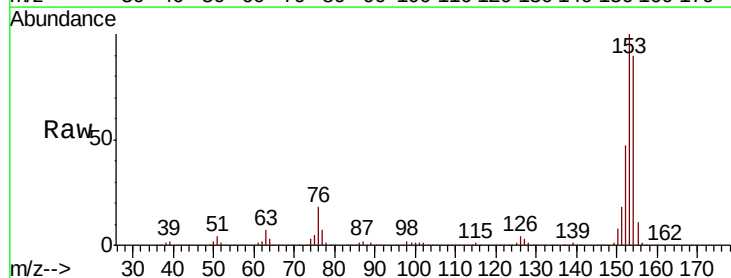
RT: 9.86 min Scan# 1322

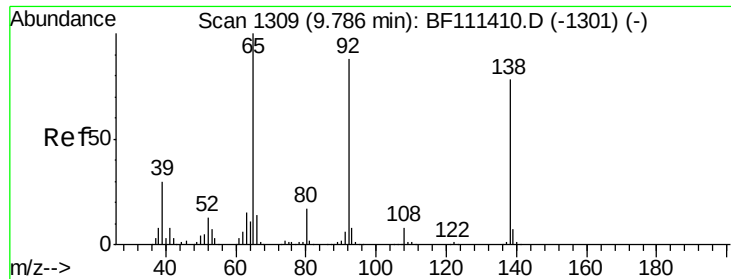
Delta R.T. -0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Tgt Ion:	154	Resp:	811289
Ion Ratio	Lower	Upper	
154	100		
153	111.5	87.8	131.8
152	52.7	43.4	65.2





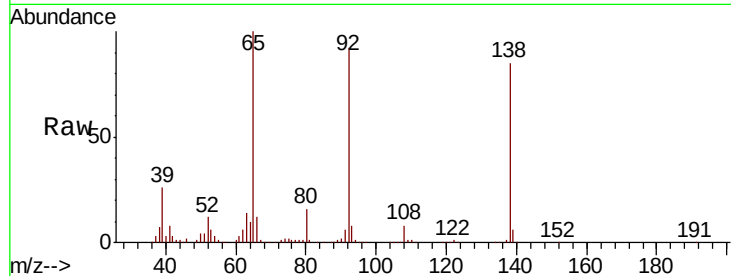
#53
3-Nitroaniline
Concen: 20.955 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
TP-6-AMSD

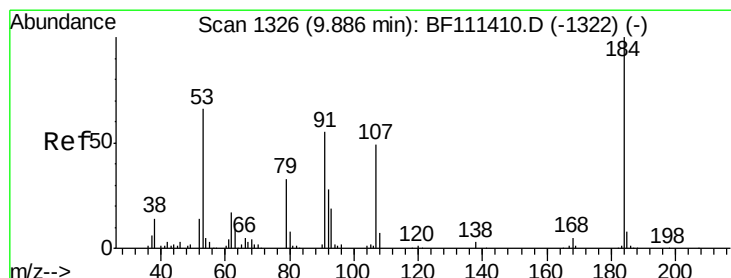
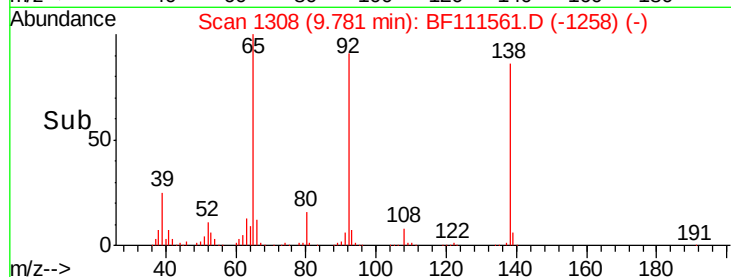
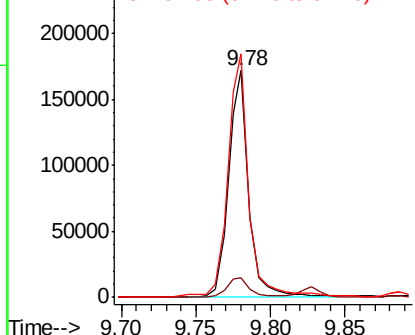
Tot Ion	Ratio	Lower	Upper
138	100		
108	8.9	8.2	12.4
92	107.4	93.4	140.2

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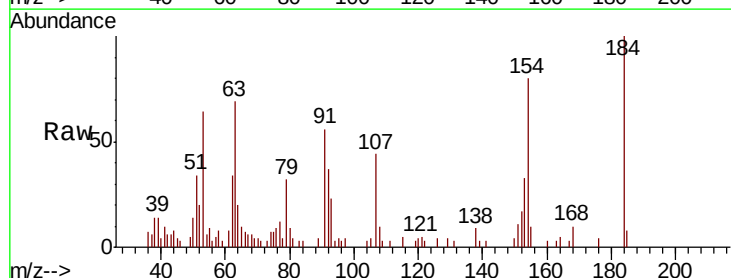


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

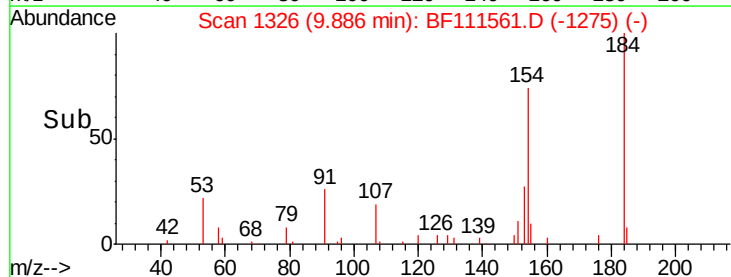
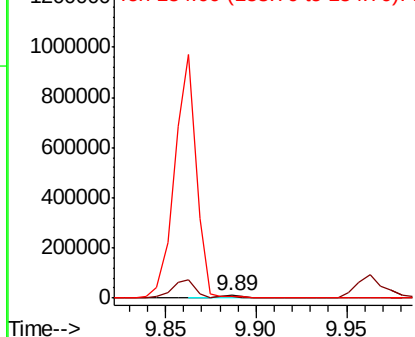


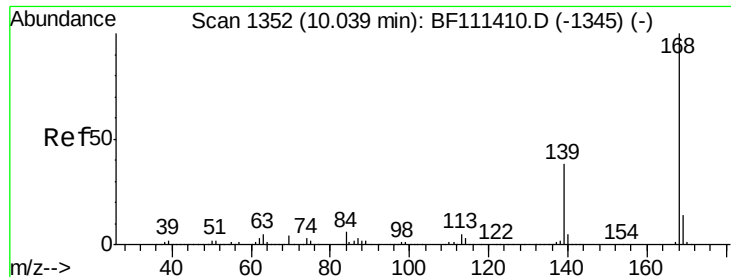
#54
2,4-Dinitrophenol
Concen: 4.645 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.6	62.3	93.5
154	79.7	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





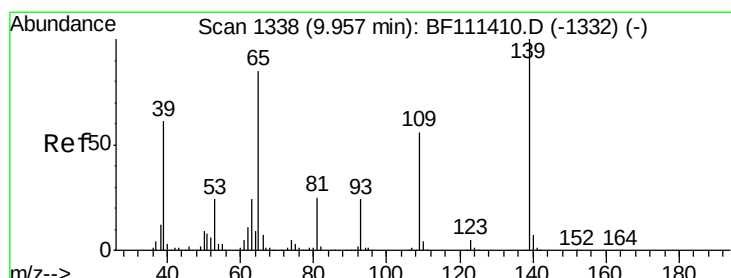
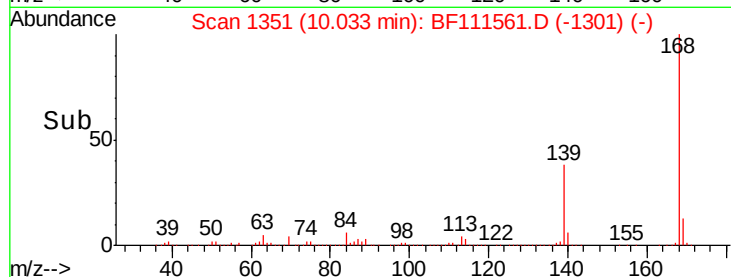
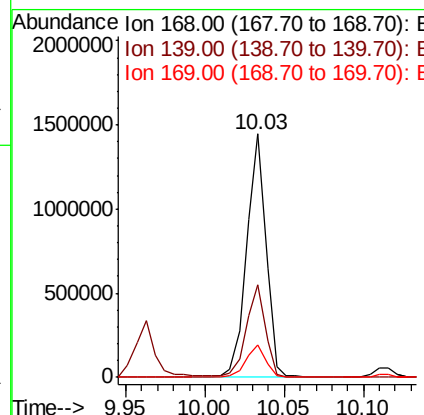
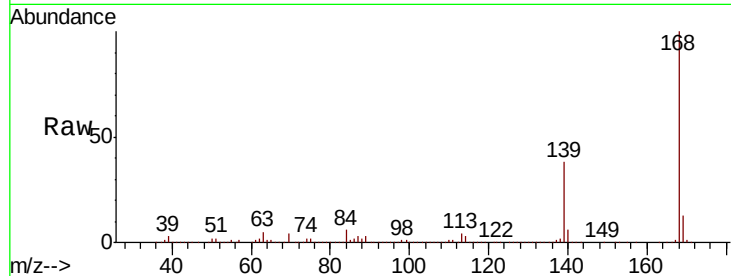
#55
Dibenzenofuran
Concen: 34.946 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
TP-6-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	32.6	49.0
169	13.5	11.8	17.6

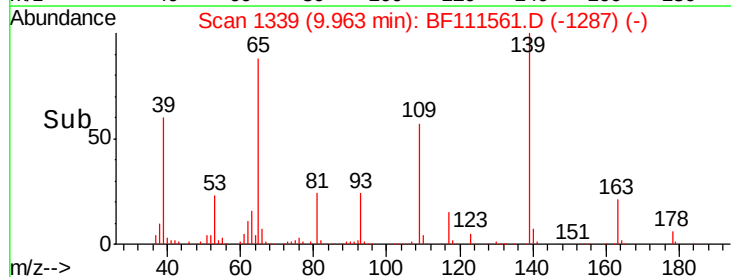
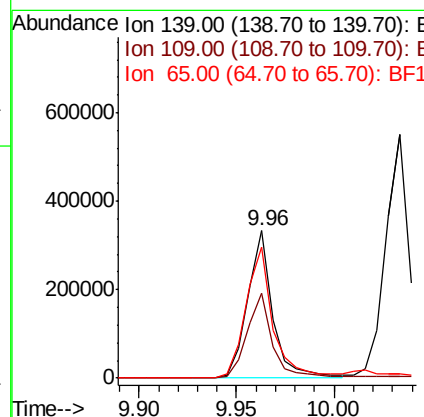
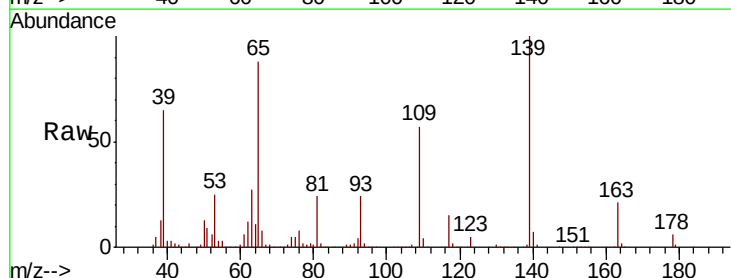
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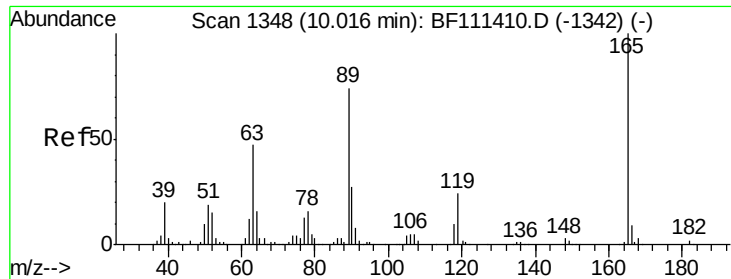
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#56
4-Nitrophenol
Concen: 55.053 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	57.4	41.8	81.8
65	88.5	79.6	119.6





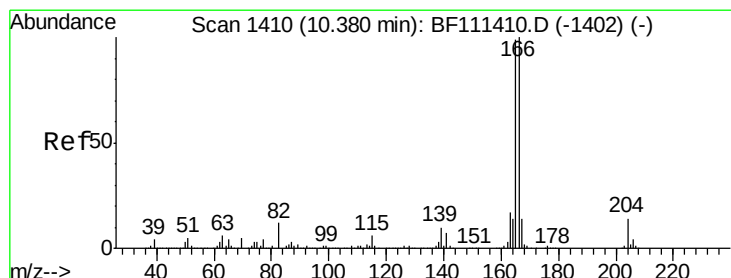
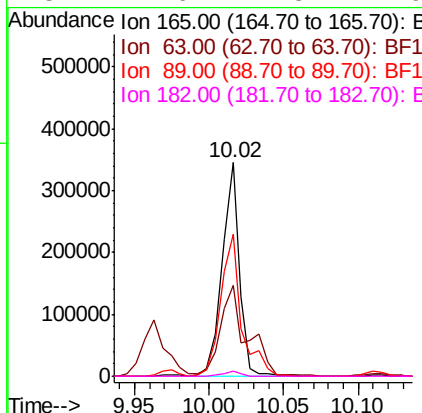
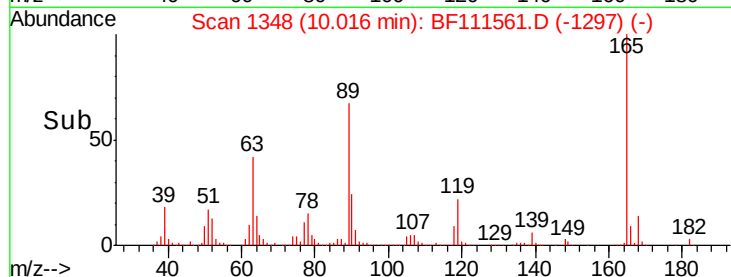
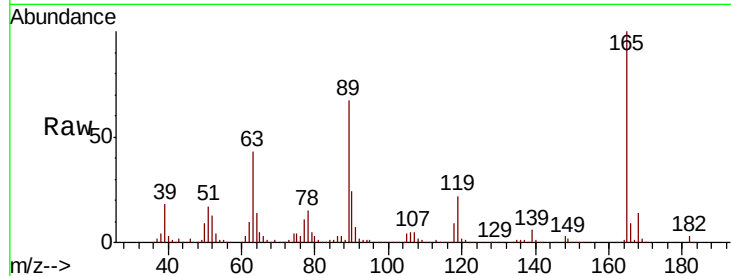
#57
2,4-Dinitrotoluene
Concen: 33.250 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
TP-6-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		281852		
63	42.5	34.6	52.0		
89	66.7	56.2	84.4		
182	2.6	1.8	2.6		

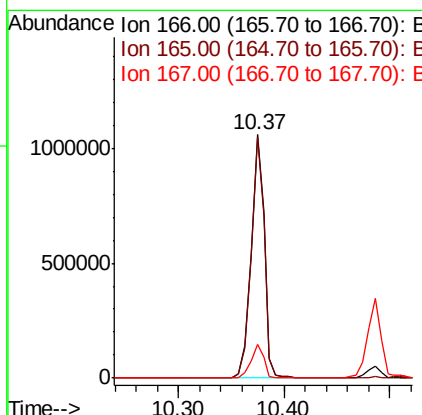
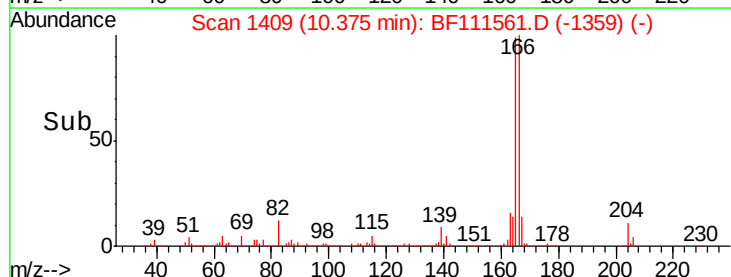
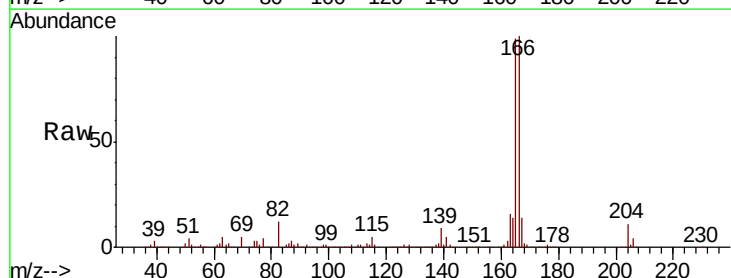
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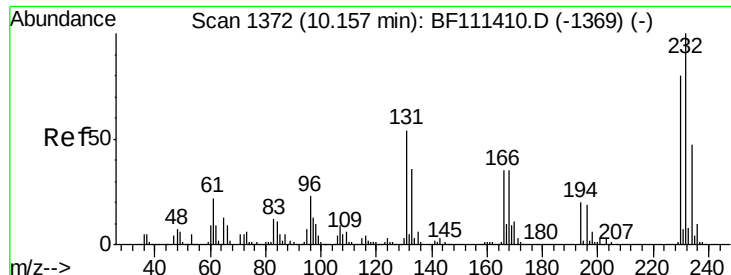
Sohil
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#58
Fluorene
Concen: 36.324 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		920641		
165	98.9	78.4	117.6		
167	13.6	11.2	16.8		





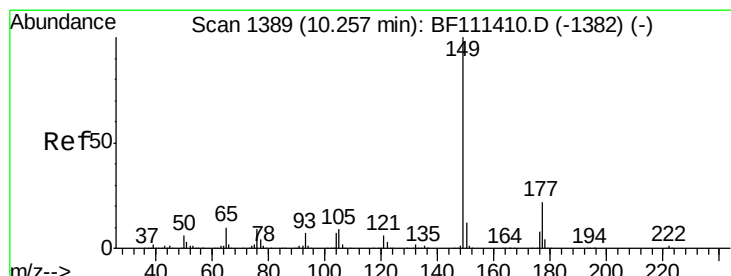
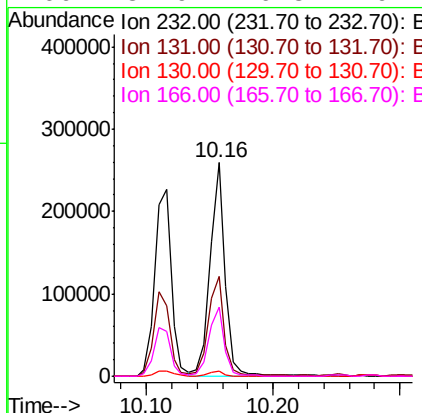
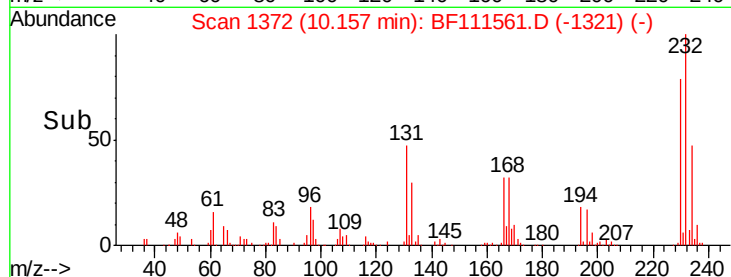
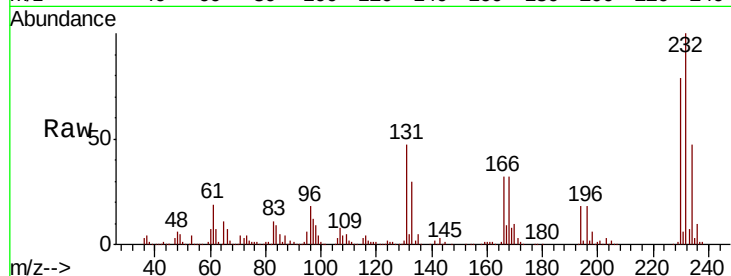
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.744 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BF111561.D
 Acq: 18 Dec 2018 1:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMSD

Tot Ion:	232	Resp:	216949
Ion Ratio	Lower	Upper	
232	100		
131	48.7	40.9	61.3
130	2.3	2.0	3.0
166	32.9	26.8	40.2

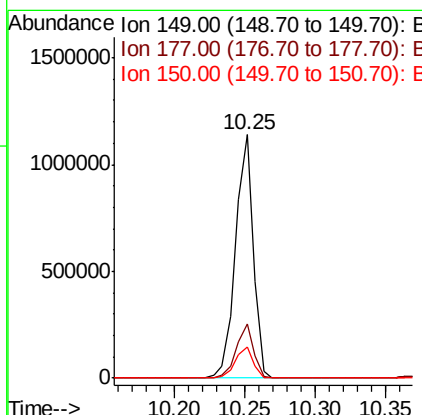
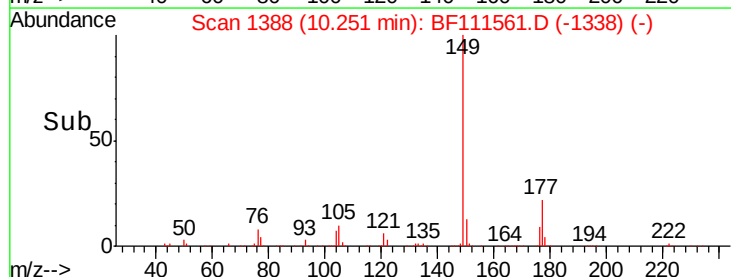
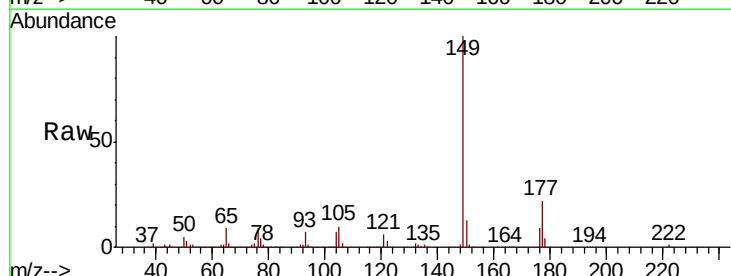
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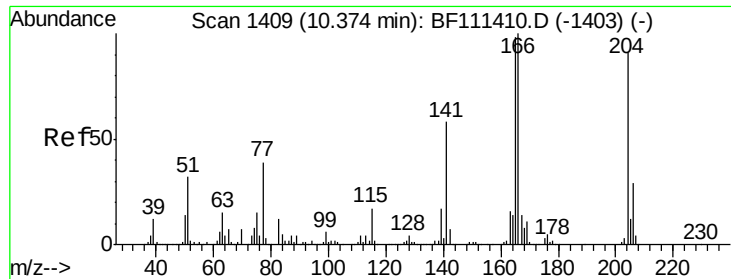
Sohil
 12/18/2018 12:49:50 PM



#60
 Diethylphthalate
 Concen: 34.413 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF111561.D
 Acq: 18 Dec 2018 1:31

Tgt Ion:	149	Resp:	1000164
Ion Ratio	Lower	Upper	
149	100		
177	22.4	18.3	27.5
150	12.7	10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 32.935 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Instrument :

BNA_F

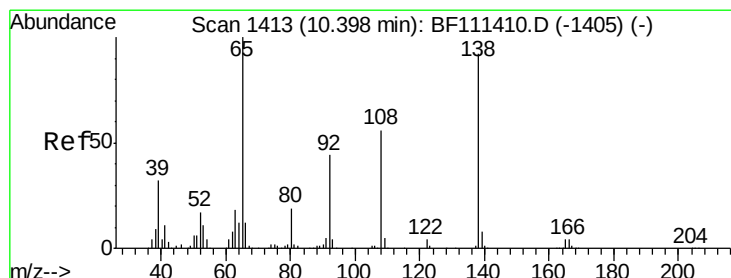
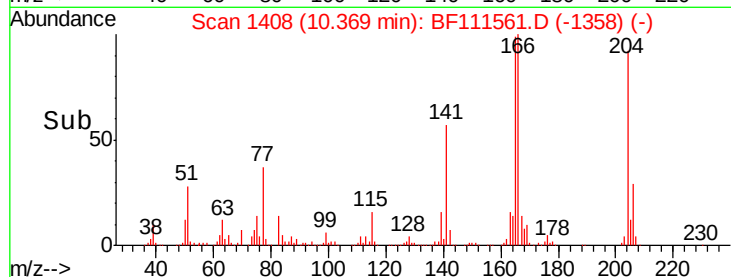
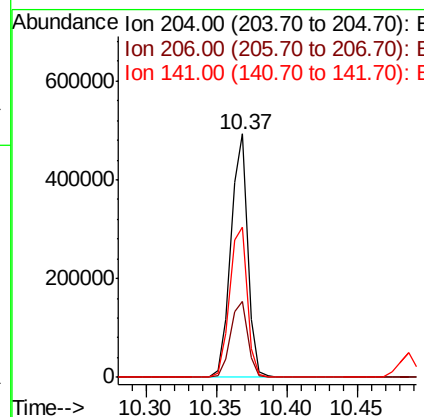
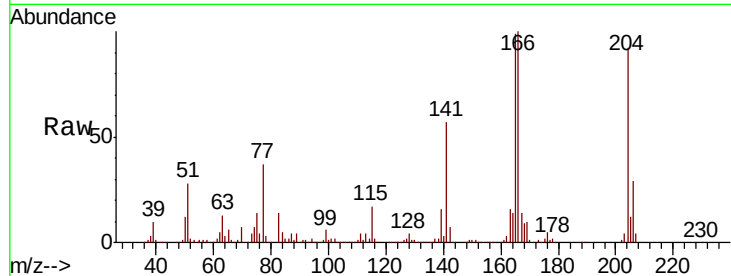
ClientSampled :

TP-6-AMSD

Tot Ion:	204	Resp:	408406
Ion Ratio	Lower	Upper	
204	100		
206	31.4	26.6	39.8
141	61.7	52.6	78.8

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#62

4-Nitroaniline

Concen: 27.954 ng

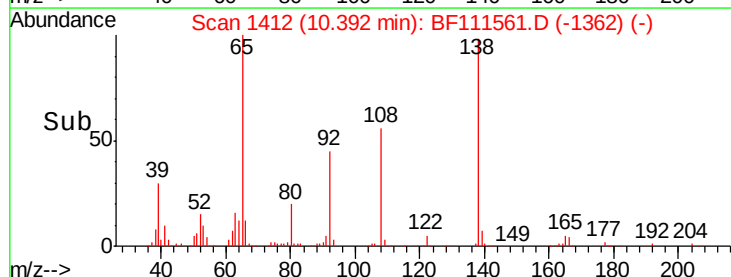
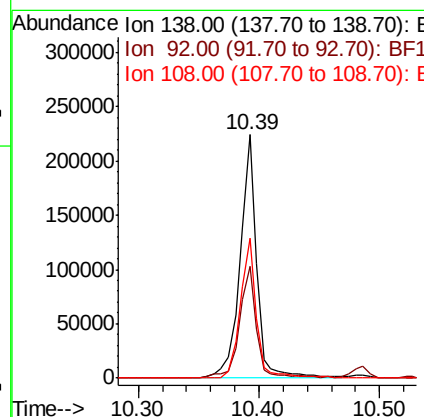
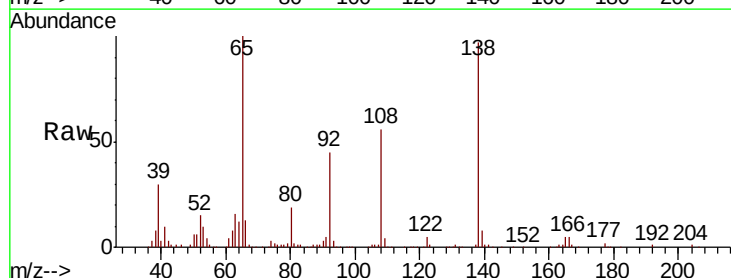
RT: 10.39 min Scan# 1412

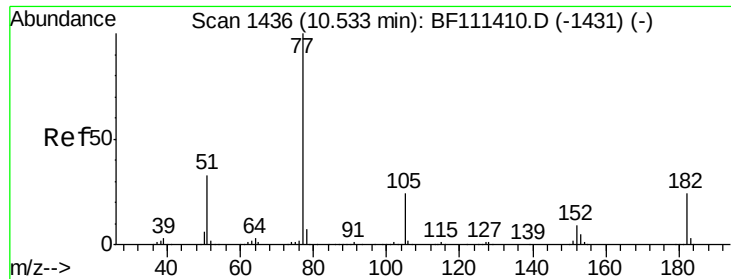
Delta R.T. -0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Tgt Ion:	138	Resp:	217079
Ion Ratio	Lower	Upper	
138	100		
92	46.1	29.9	69.9
108	57.5	43.2	83.2





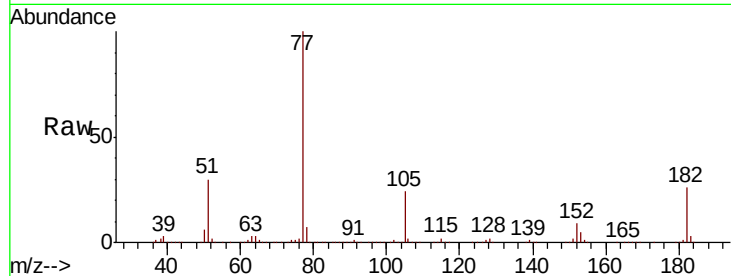
#63
Azobenzene
Concen: 33.166 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
TP-6-AMSD

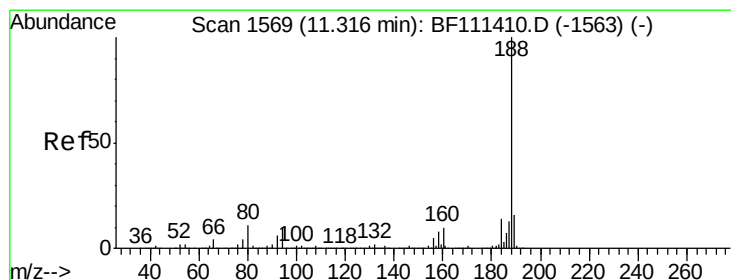
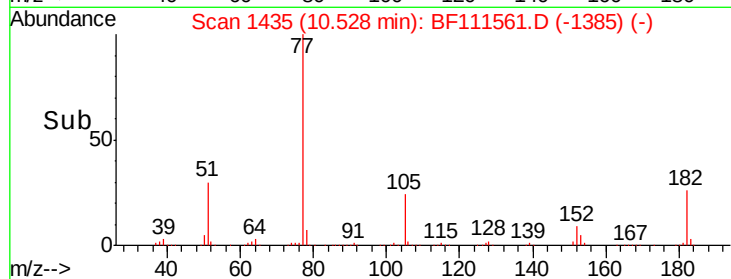
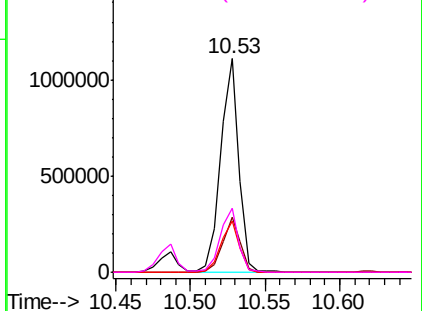
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	25.6	4.9	44.9		
105	24.1	6.0	46.0		
51	30.1	14.7	54.7		

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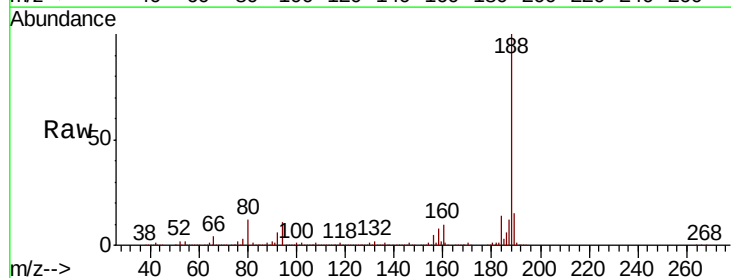


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

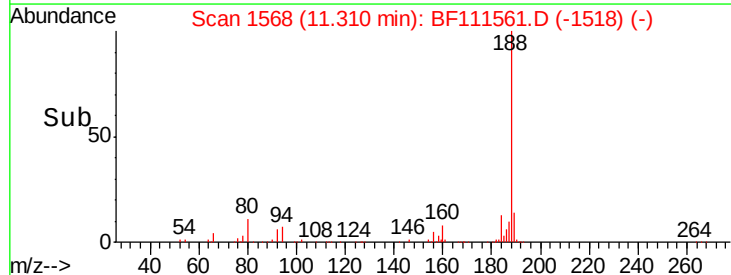
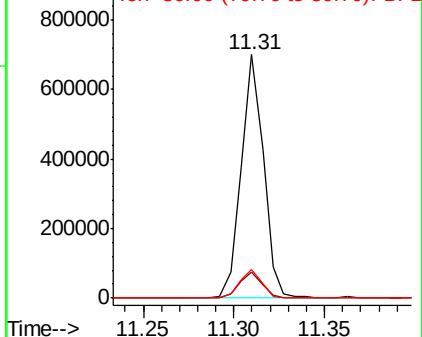


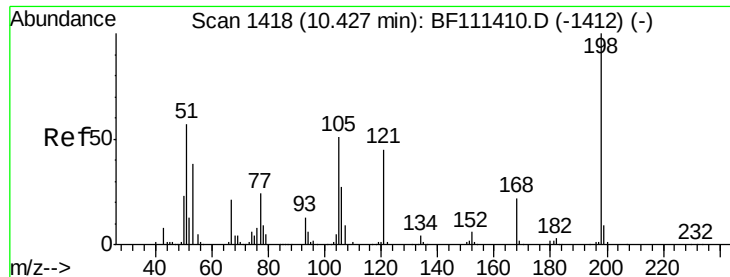
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.9	9.6	14.4		
80	11.6	9.8	14.6		



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





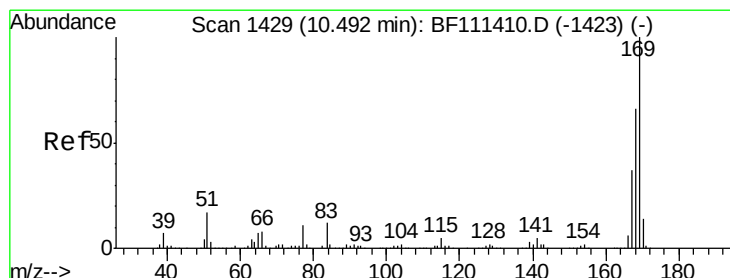
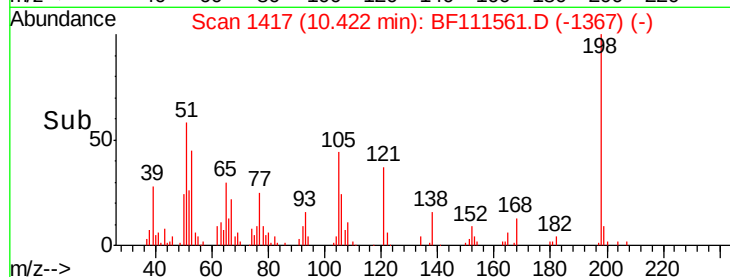
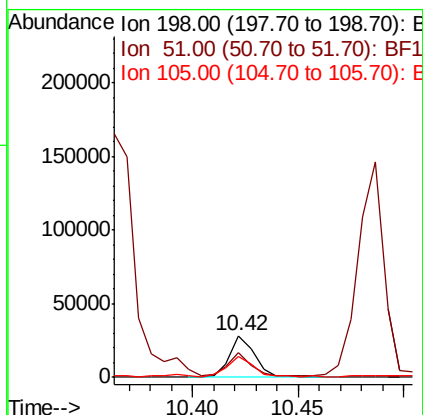
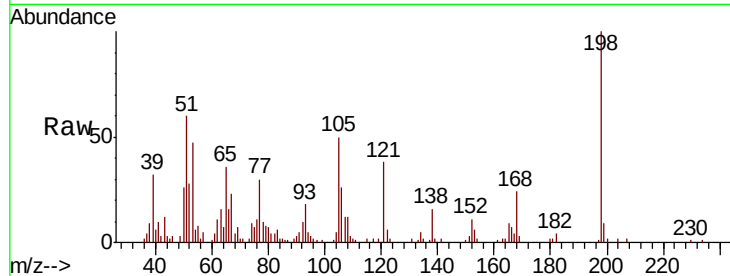
#65
4,6-Dinitro-2-methylphenol
Concen: 6.976 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
TP-6-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	23766		
51	60.4		48.0	88.0
105	49.9		34.0	74.0

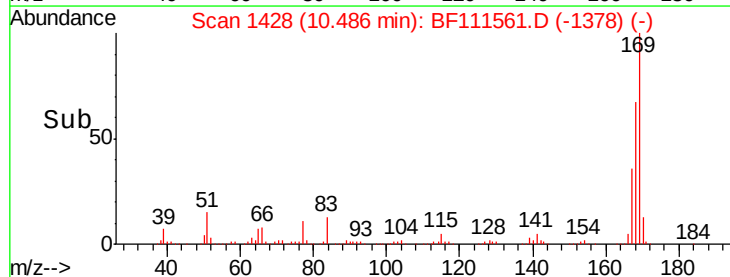
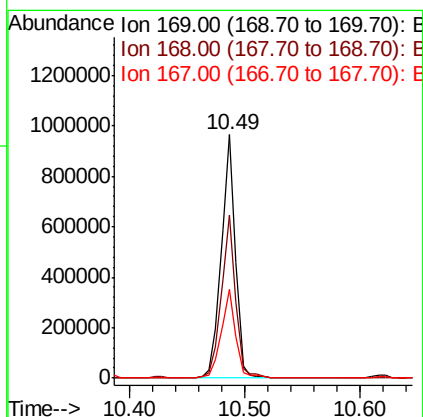
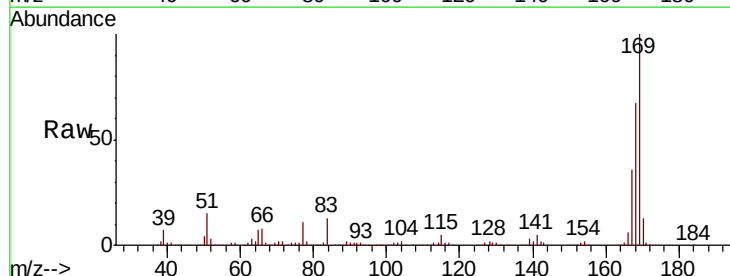
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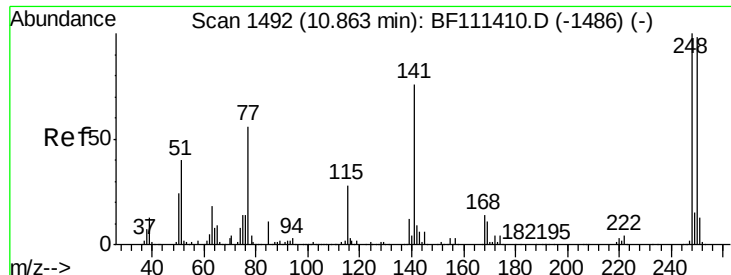
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 39.562 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	823243		
168	66.9		54.4	81.6
167	36.2		30.5	45.7





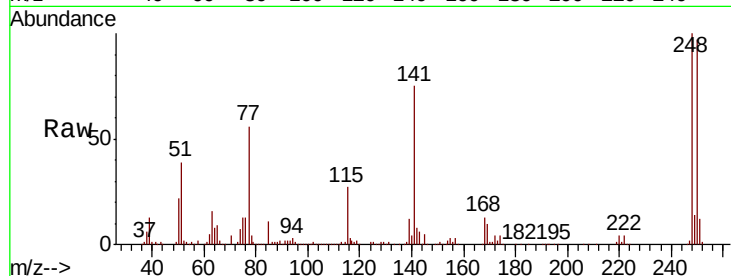
#67
4-Bromophenyl-phenylether
Concen: 38.392 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampled :
TP-6-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.0	115.4
141	75.1	63.0	94.6

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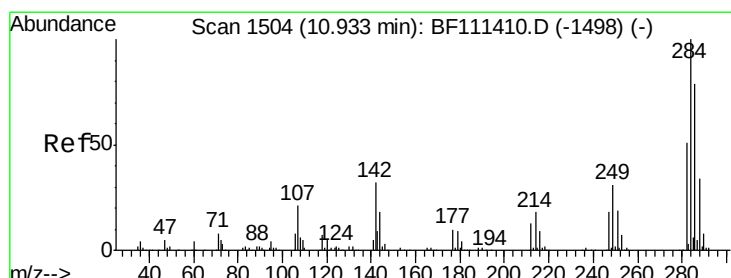
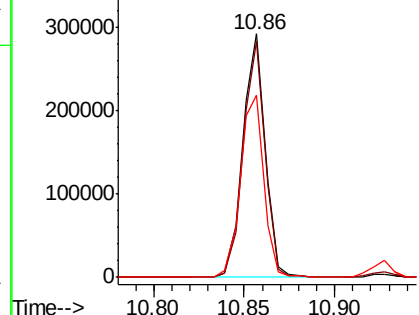
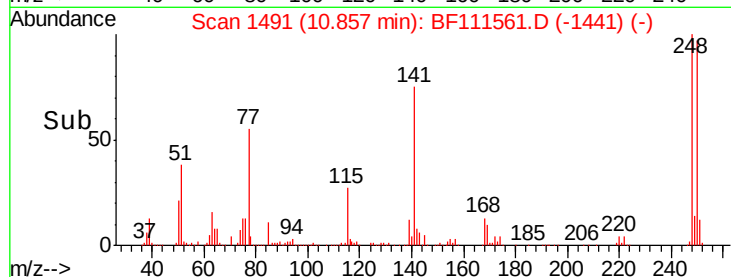


Abundance

Ion 248.00 (247.70 to 248.70): E

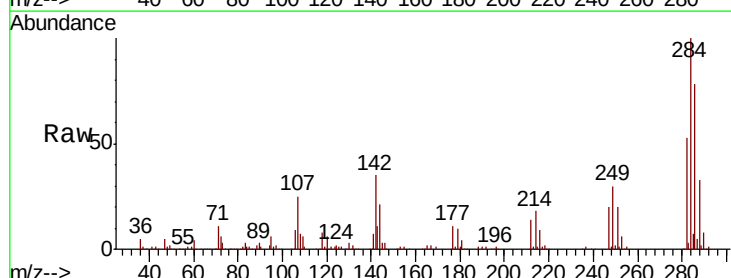
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.206 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	27.4	41.2
249	30.0	24.4	36.6

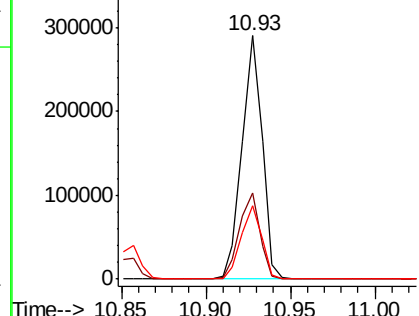
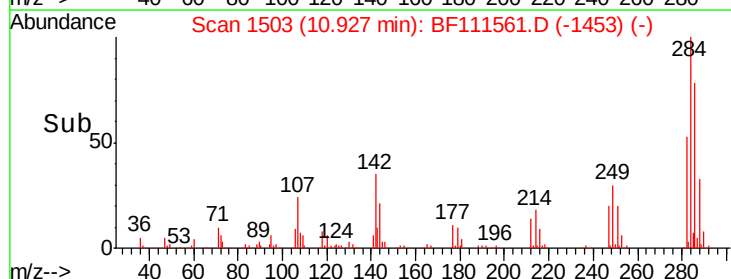


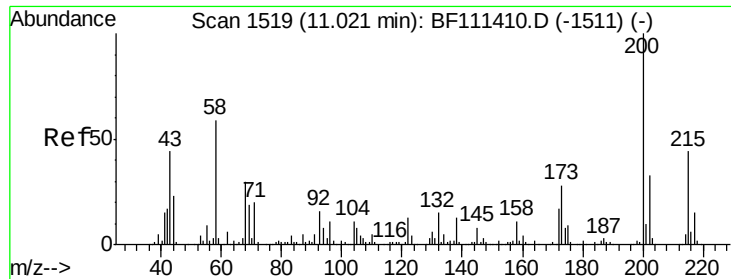
Abundance

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





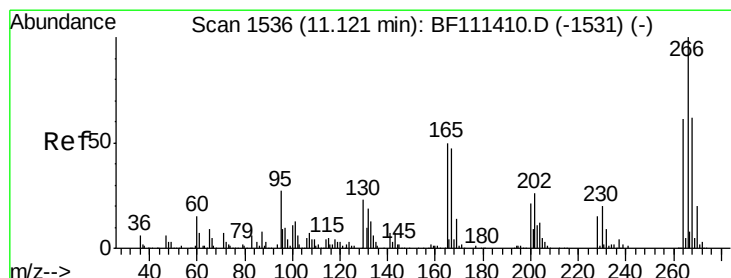
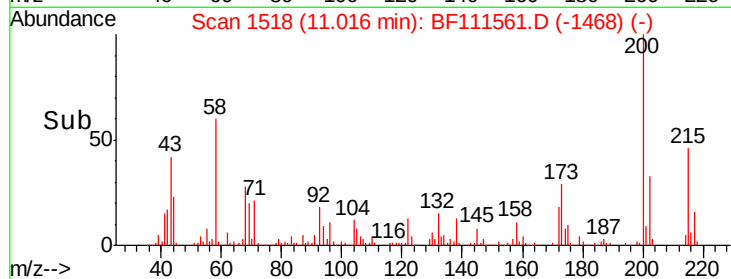
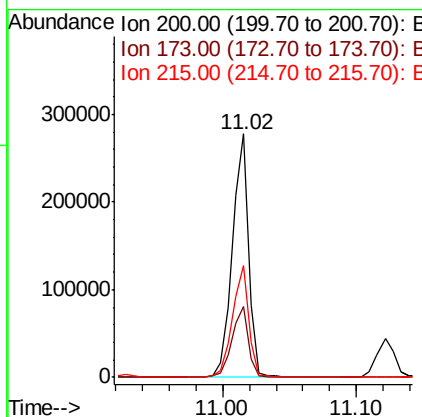
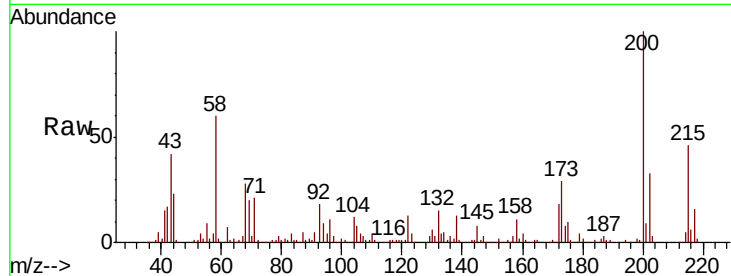
#69
Atrazine
Concen: 39.822 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
TP-6-AMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.1	10.1	50.1
215	45.8	26.9	66.9

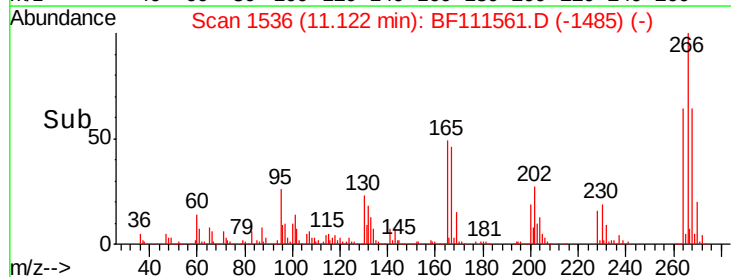
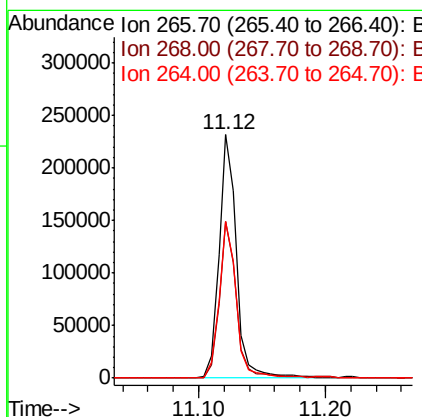
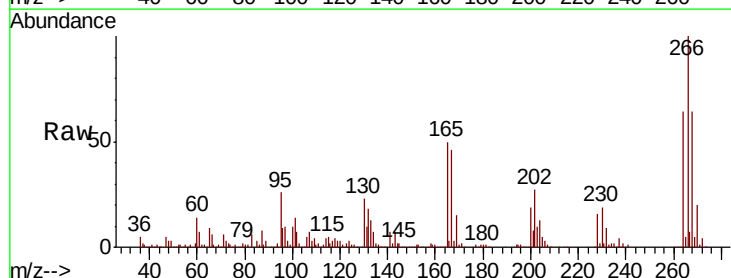
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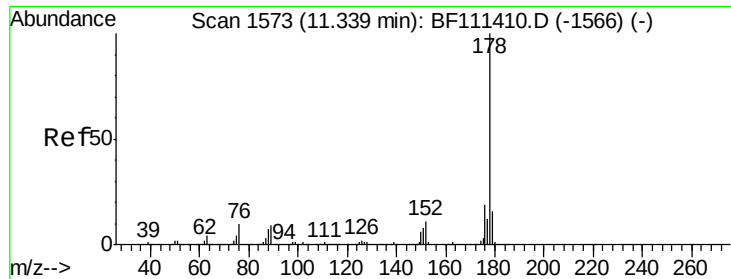
Sohil
12/18/2018 12:49:50 PM



#70
Pentachlorophenol
Concen: 54.830 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.5	47.9	71.9
264	64.4	49.1	73.7





#71

Phenanthrene

Concen: 42.202 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Instrument :

BNA_F

ClientSampleId :

TP-6-AMSD

Tot Ion:178 Resp: 1312229

Ion Ratio Lower Upper

178 100

176 19.1 18.1 27.1

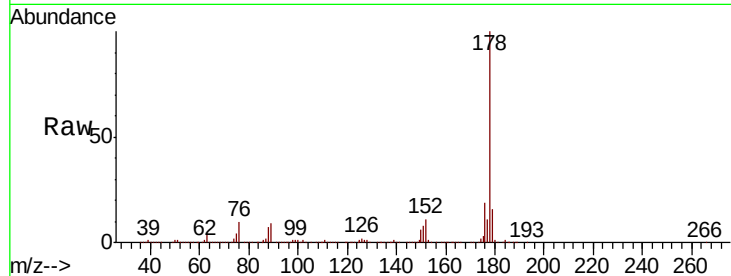
179 15.9 14.0 21.0

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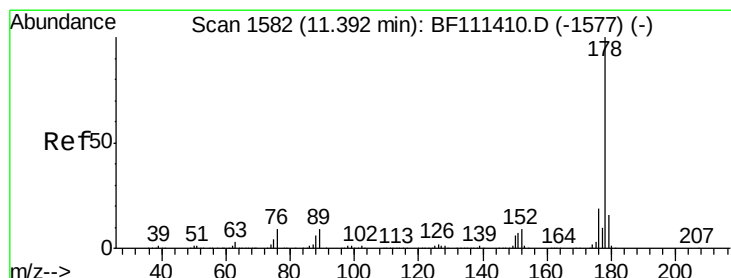
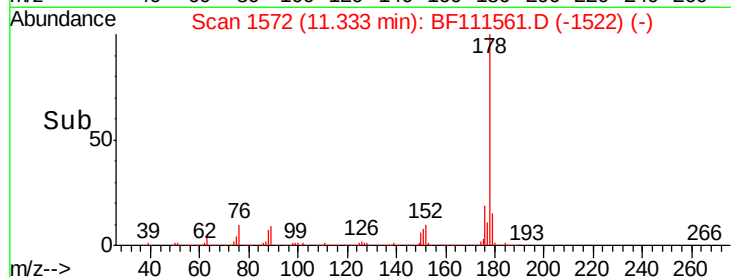
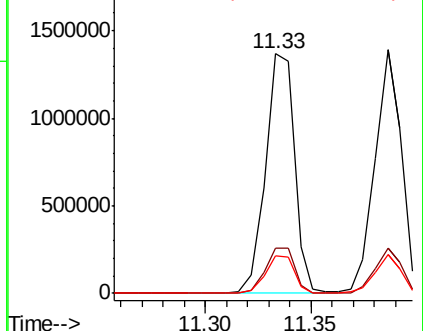
12/18/2018 12:49:50 PM



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: 39.082 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

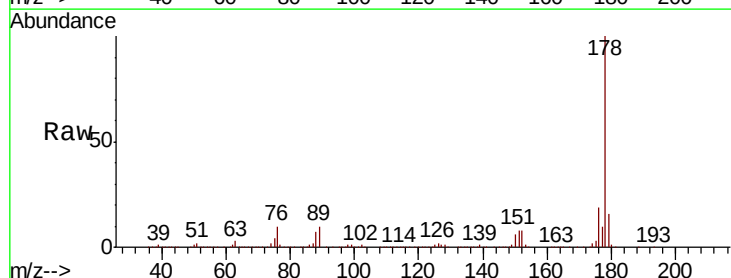
Tgt Ion:178 Resp: 1242768

Ion Ratio Lower Upper

178 100

176 18.7 17.2 25.8

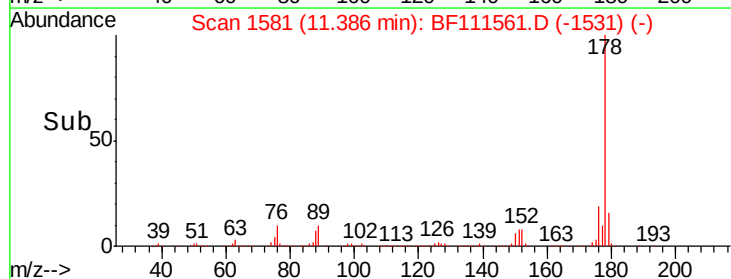
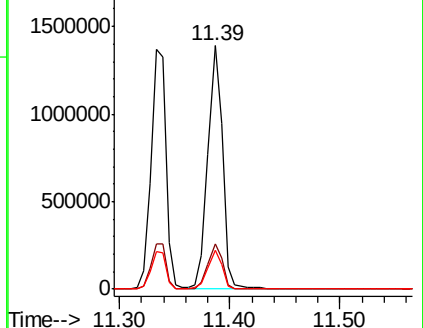
179 15.9 13.8 20.8

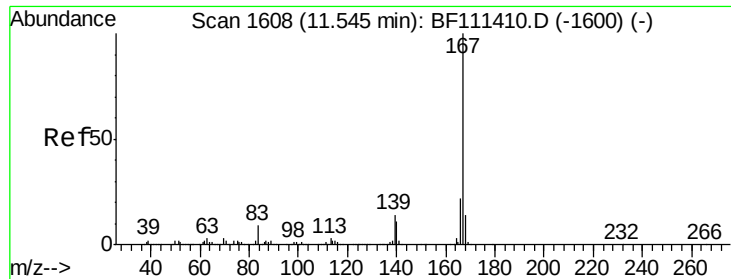


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





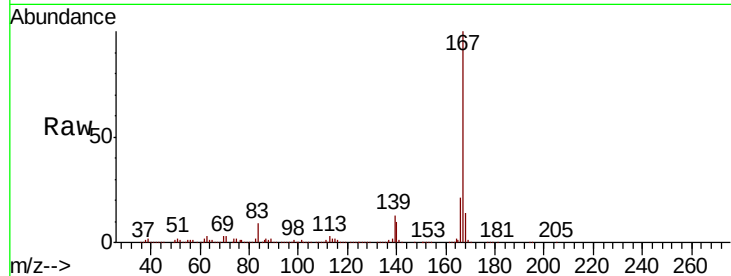
#73
 Carbazole
 Concen: 33.120 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111561.D
 Acq: 18 Dec 2018 1:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMSD

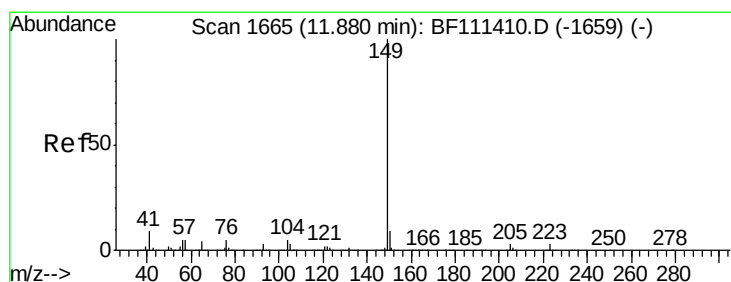
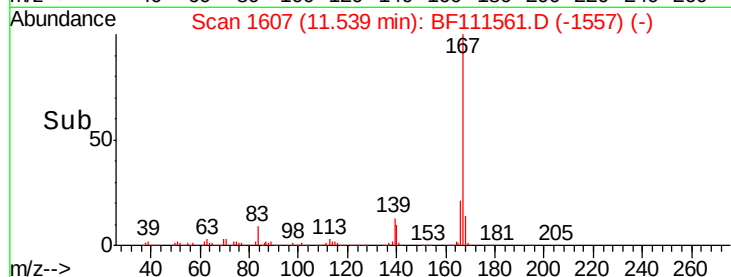
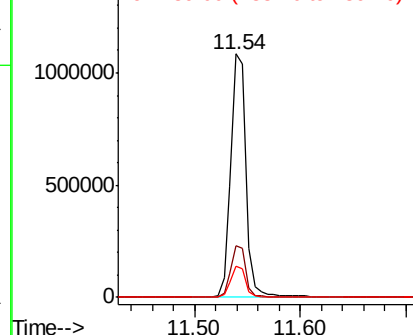
Tot Ion:	167	Resp:	1089077
Ion	Ratio	Lower	Upper
167	100		
166	21.3	19.3	28.9
139	12.9	11.9	17.9

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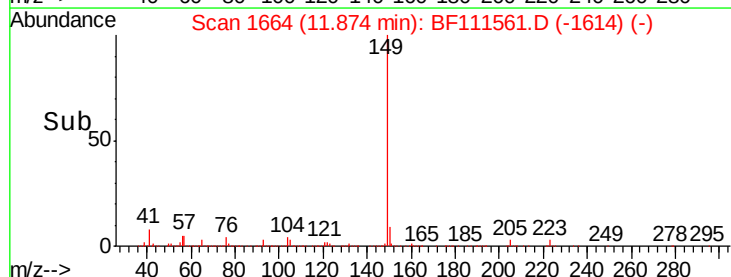
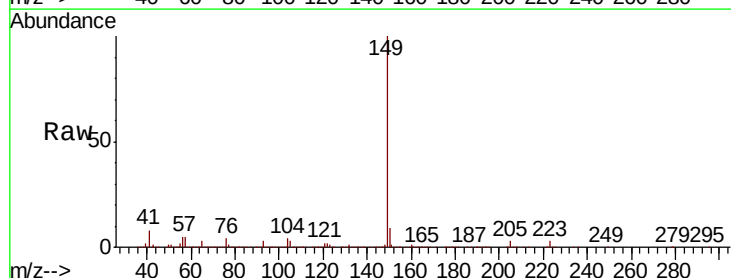
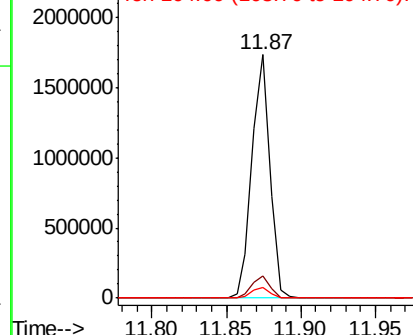
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

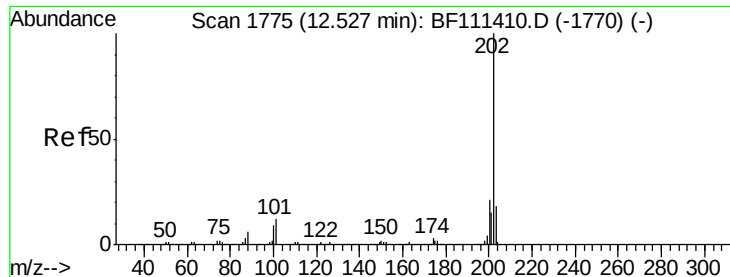


#74
 Di-n-butylphthalate
 Concen: 39.397 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF111561.D
 Acq: 18 Dec 2018 1:31

Tgt Ion:	149	Resp:	1442799
Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.8	13.2
104	4.4	4.5	6.7#

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.185 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Instrument :

BNA_F

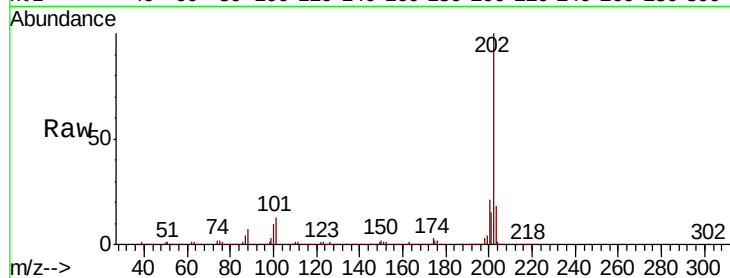
ClientSampled :

TP-6-AMSD

Tot Ion:	202	Resp:	1222381
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	33.8
203	17.8	0.0	38.6

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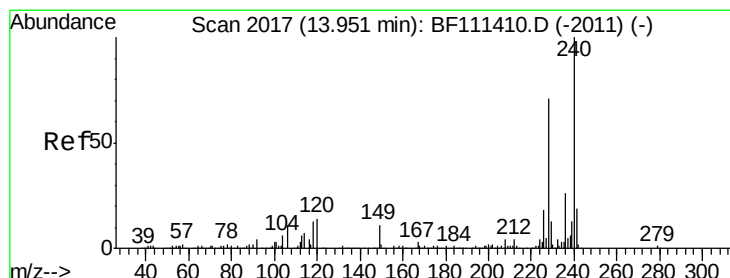
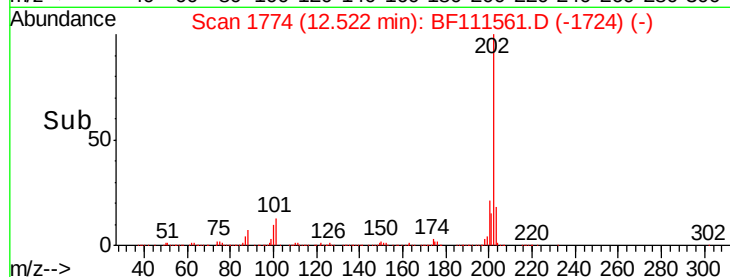
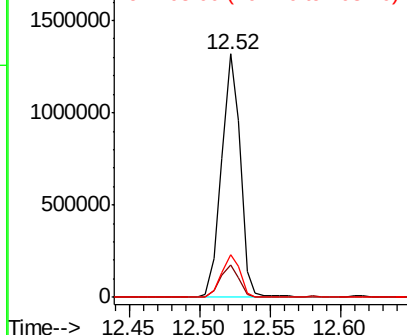


Abundance

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# 2017

Delta R.T. 0.00 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

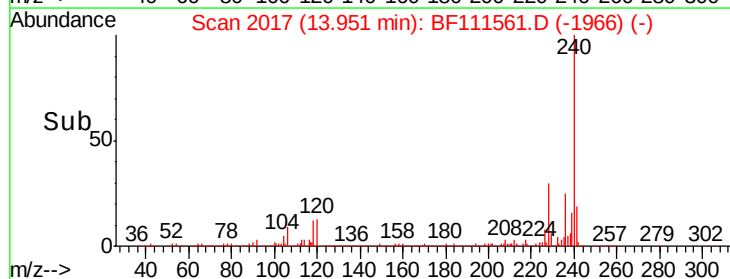
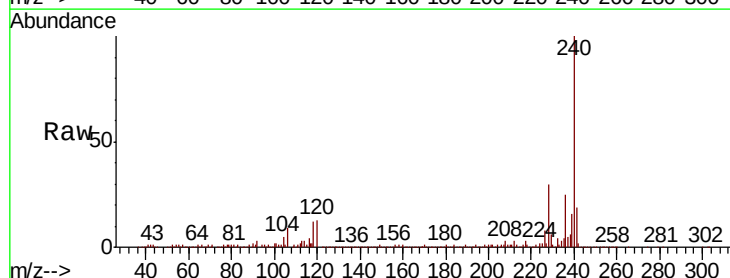
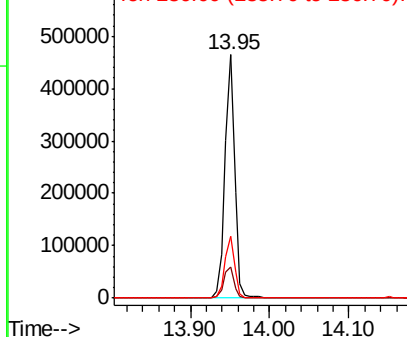
Tgt Ion:	240	Resp:	396275
Ion Ratio	Lower	Upper	
240	100		
120	12.6	12.2	18.2
236	25.4	20.2	30.2

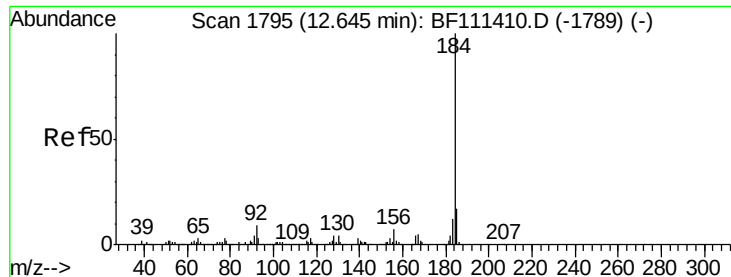
Abundance

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: 27.207 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Instrument :

BNA_F

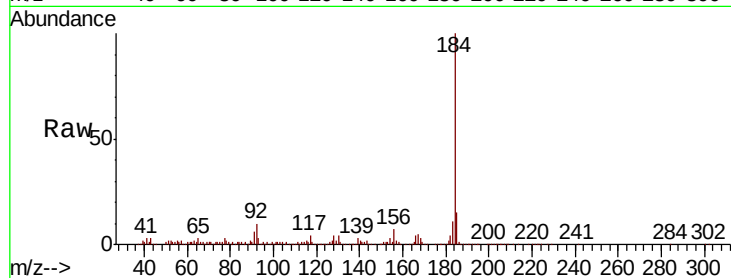
ClientSampleId :

TP-6-AMSD

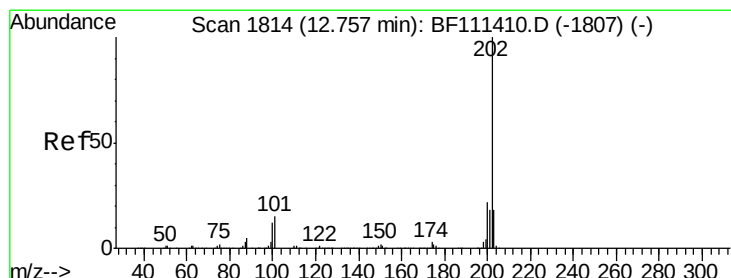
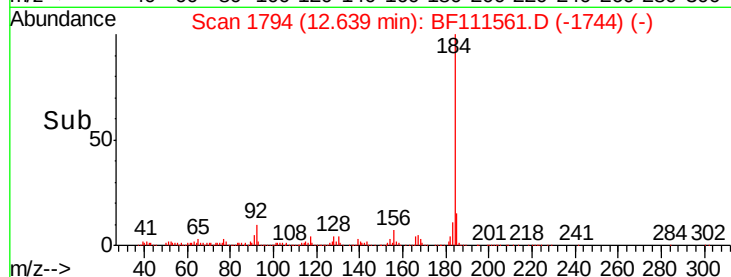
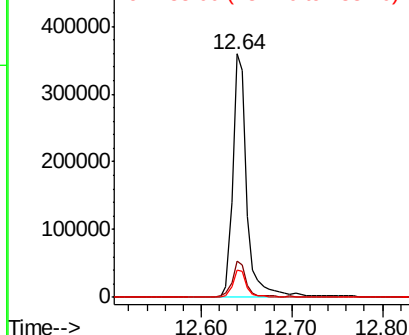
Tot Ion:	184	Resp:	396328
Ion Ratio	Lower	Upper	
184	100		
185	14.9	13.0	19.6
183	11.3	9.3	13.9

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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: 43.400 ng

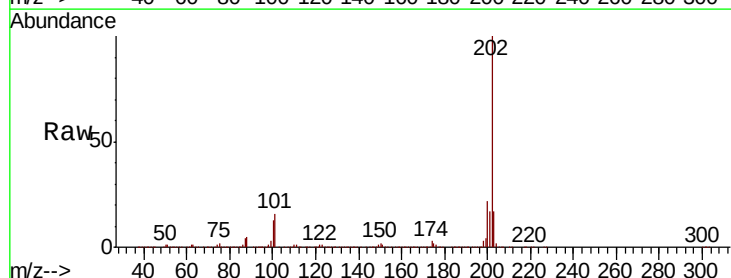
RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

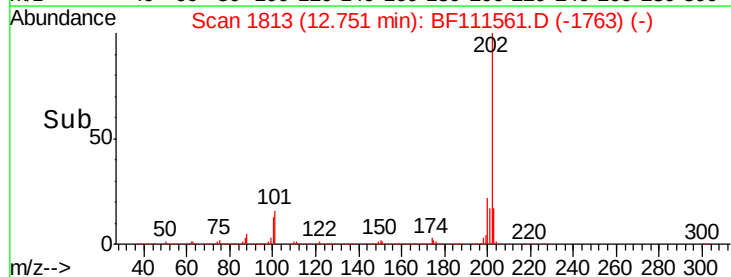
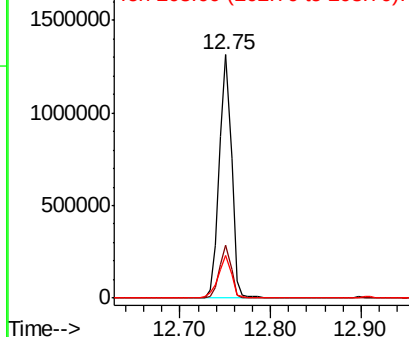
Lab File: BF111561.D

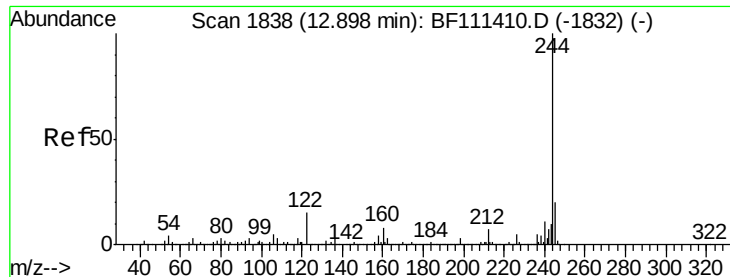
Acq: 18 Dec 2018 1:31

Tgt Ion:	202	Resp:	1212549
Ion Ratio	Lower	Upper	
202	100		
200	21.6	19.0	28.4
203	17.5	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: 80.703 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Instrument :

BNA_F

ClientSampleId :

TP-6-AMSD

Tot Ion:244 Resp: 1361898

Ion Ratio Lower Upper

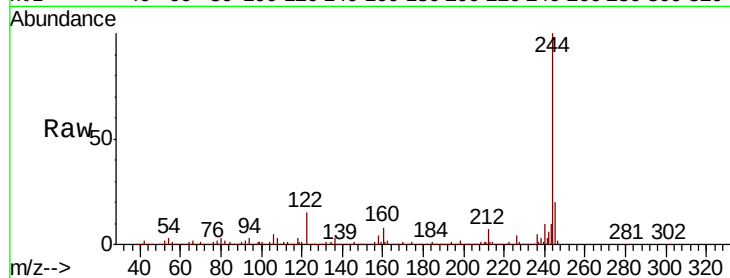
244 100

212 6.6 5.7 8.5

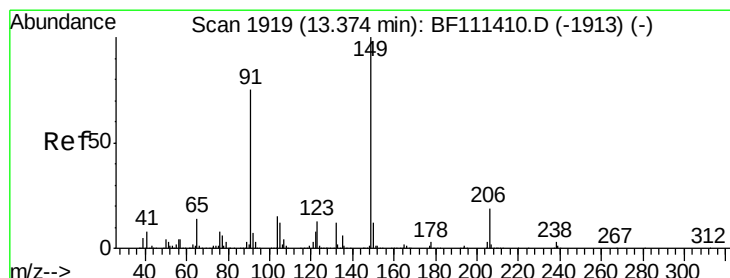
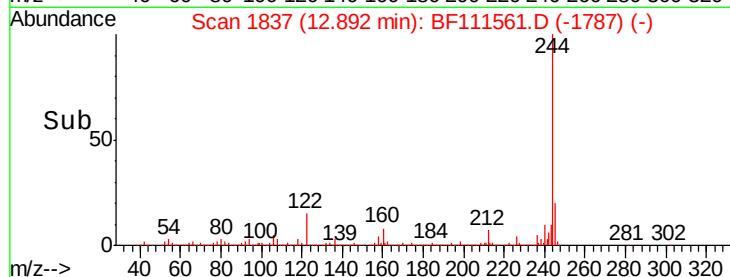
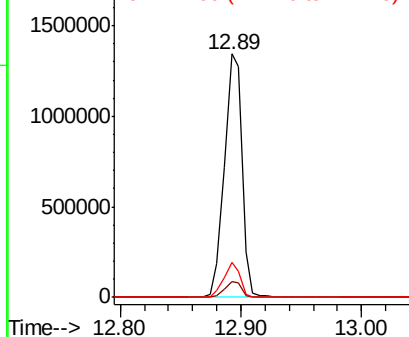
122 14.6 13.1 19.7

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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: 35.599 ng

RT: 13.37 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

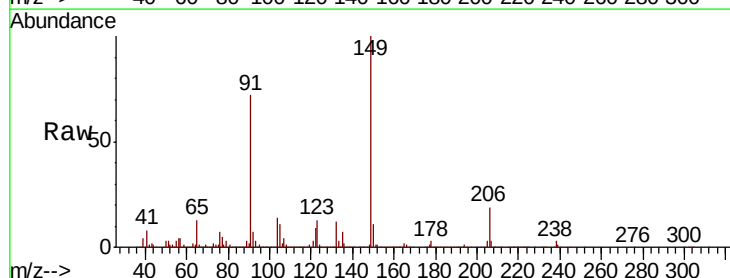
Tgt Ion:149 Resp: 484793

Ion Ratio Lower Upper

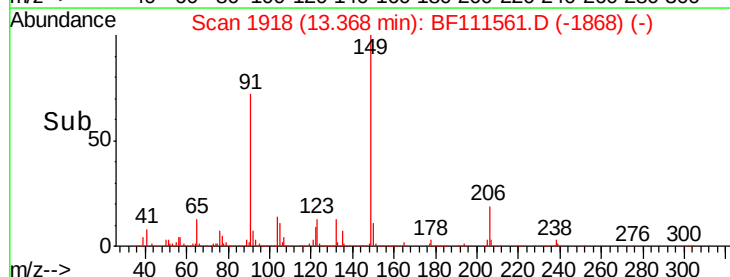
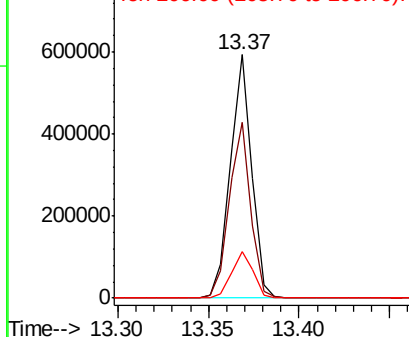
149 100

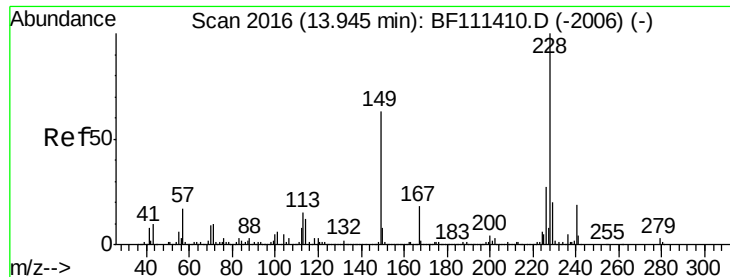
91 72.4 63.8 95.6

206 19.3 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: 42.523 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Instrument :

BNA_F

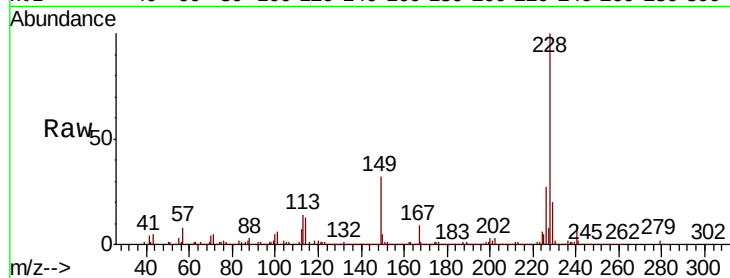
ClientSampled :

TP-6-AMSD

Tot Ion:	228	Resp:	916250
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.6	34.0
229	20.3	16.3	24.5

Manual Integrations
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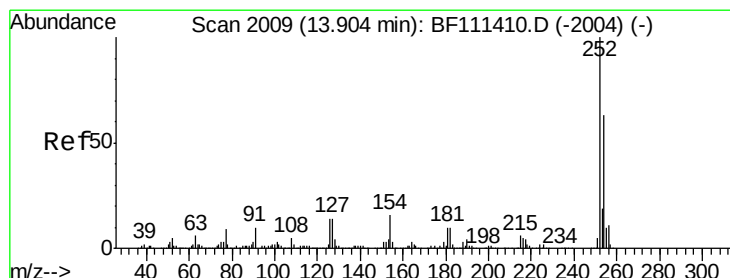
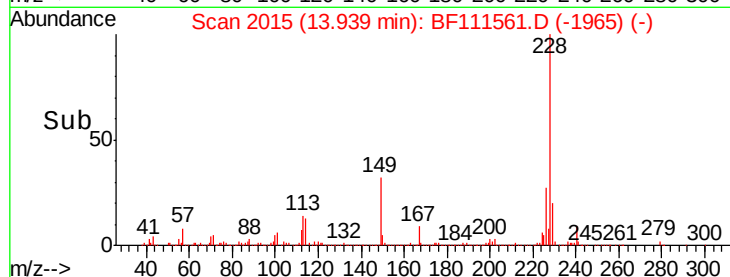
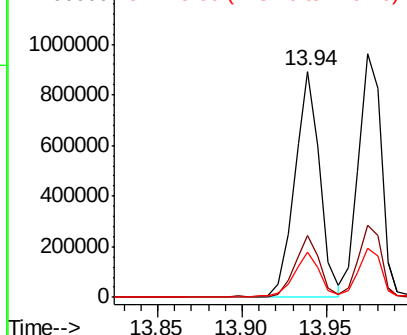


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.735 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

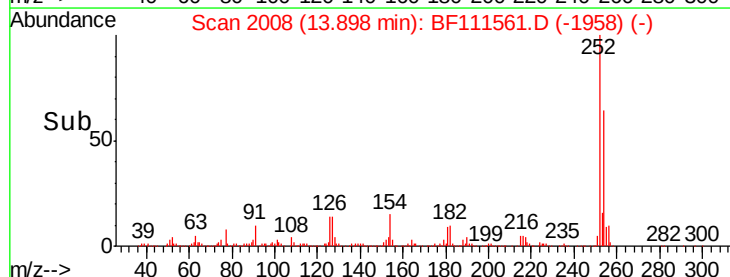
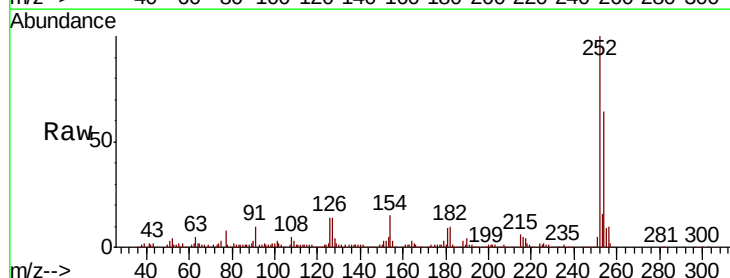
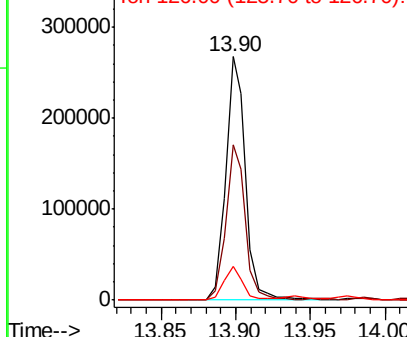
Tgt Ion:	252	Resp:	251699
Ion Ratio	Lower	Upper	
252	100		
254	63.8	52.7	79.1
126	13.8	11.1	16.7

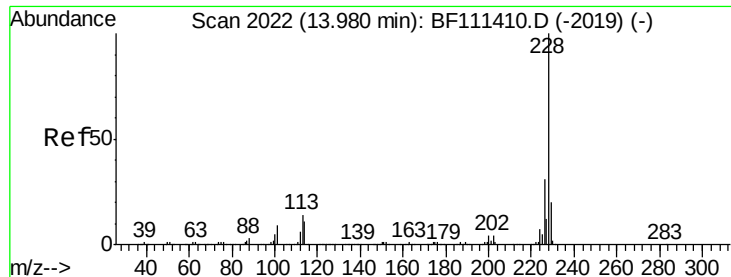
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





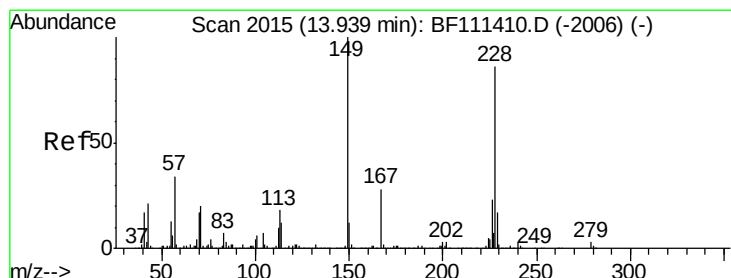
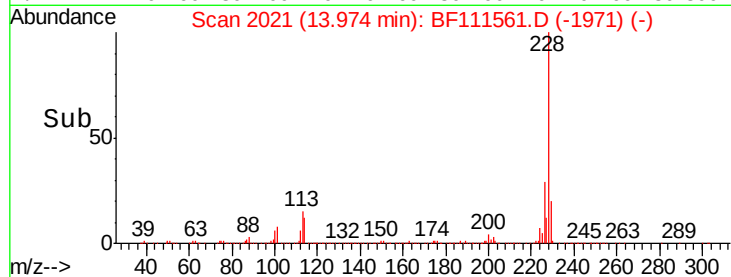
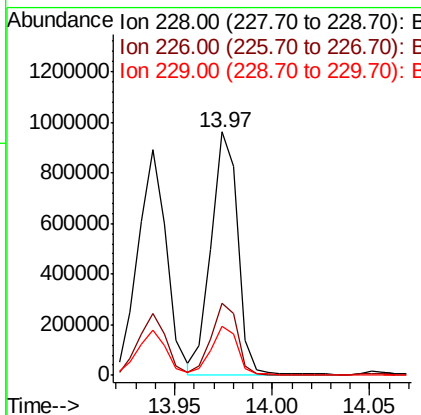
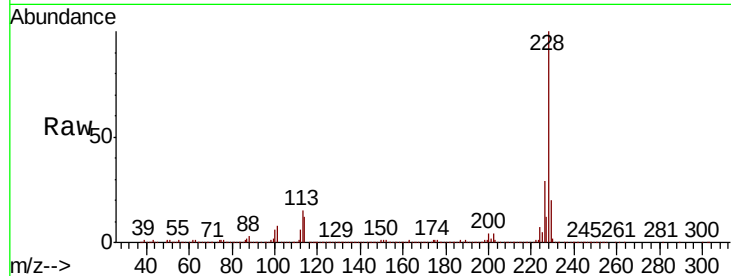
#83
 Chrysene
 Concen: 39.888 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF111561.D
 Acq: 18 Dec 2018 1:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.3	37.9
229	20.2	17.2	25.8

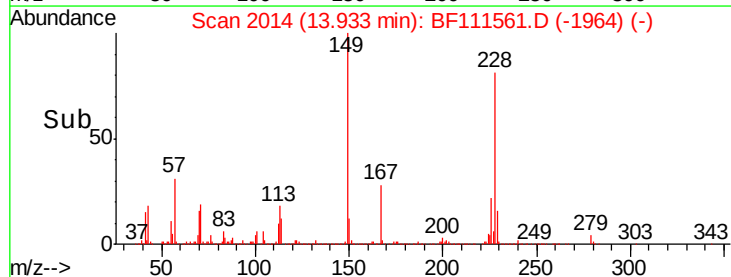
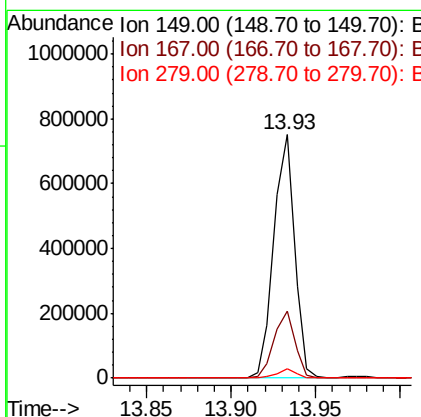
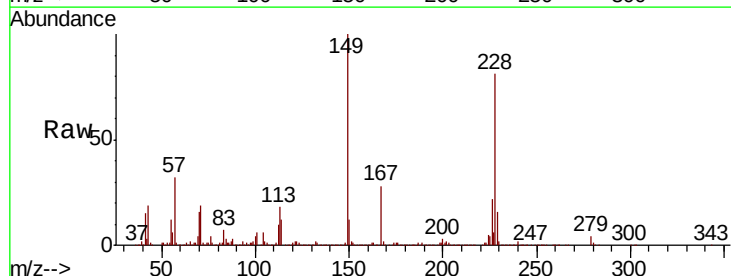
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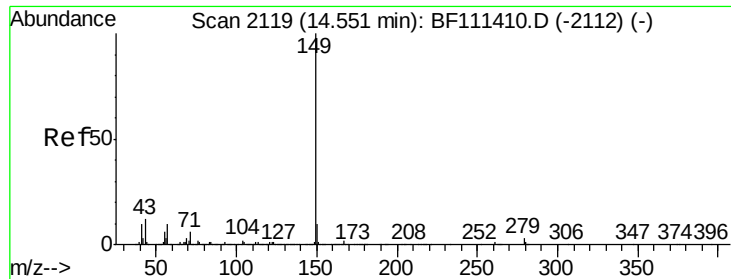
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.771 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF111561.D
 Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.5	33.7
279	3.8	2.6	4.0





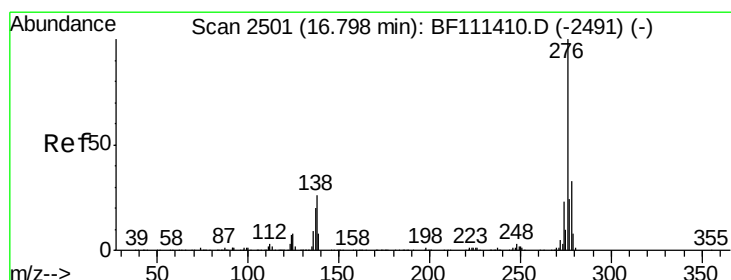
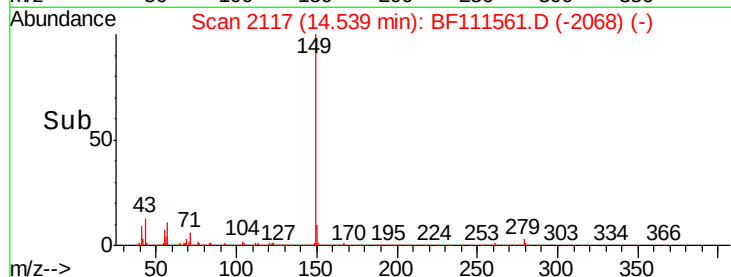
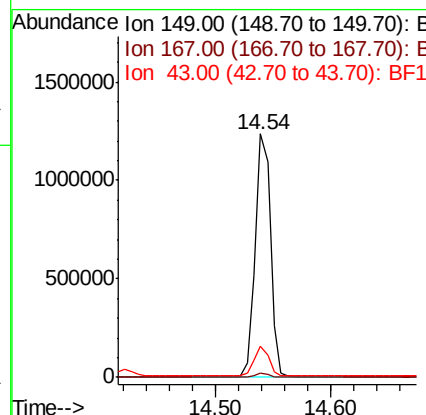
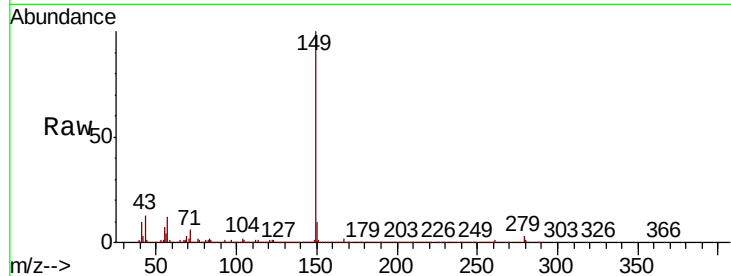
#85
Di-n-octyl phthalate
Concen: 38.698 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
TP-6-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.8	10.9	16.3

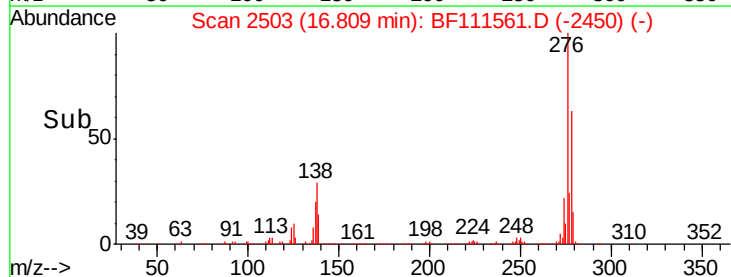
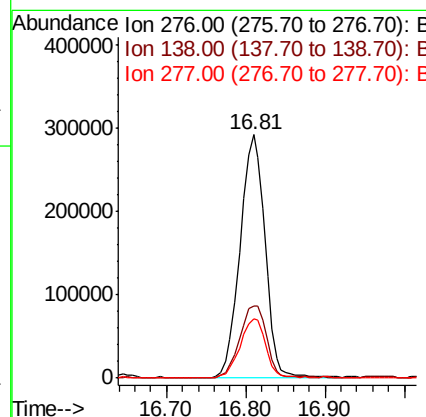
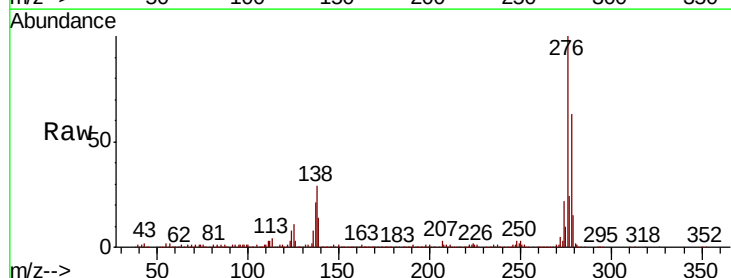
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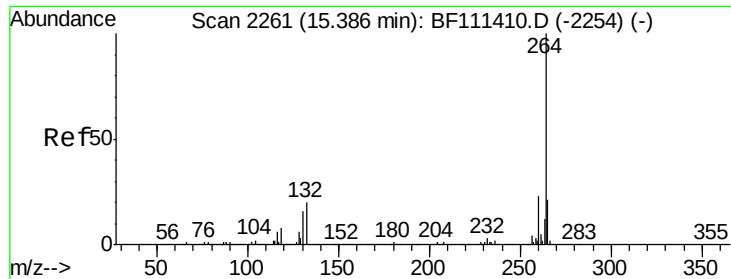
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#86
Indeno(1,2,3-cd)pyrene
Concen: 38.856 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.8	27.8	41.6
277	24.6	20.1	30.1





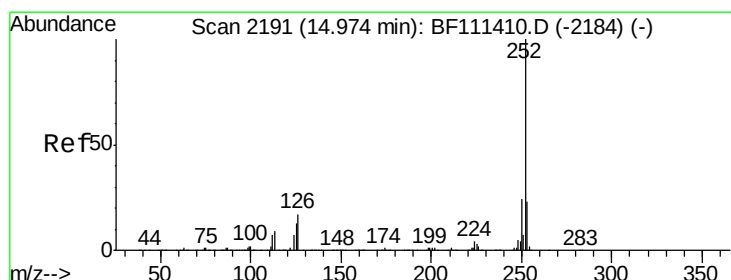
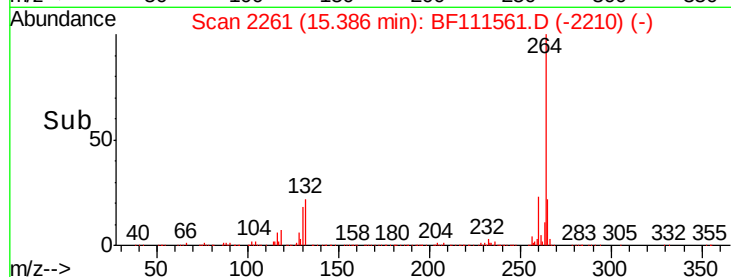
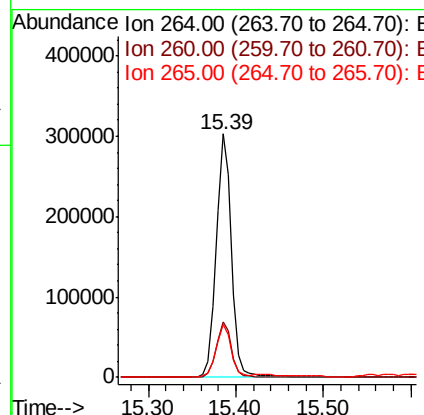
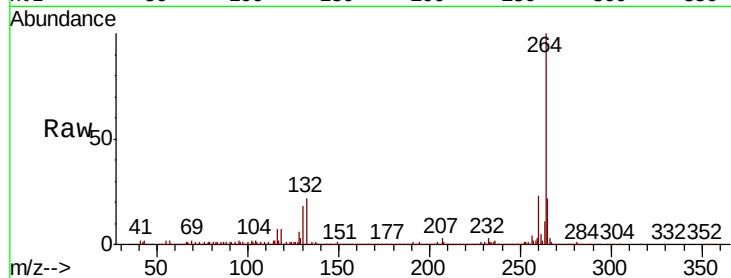
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
TP-6-AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	22.0	17.7	26.5

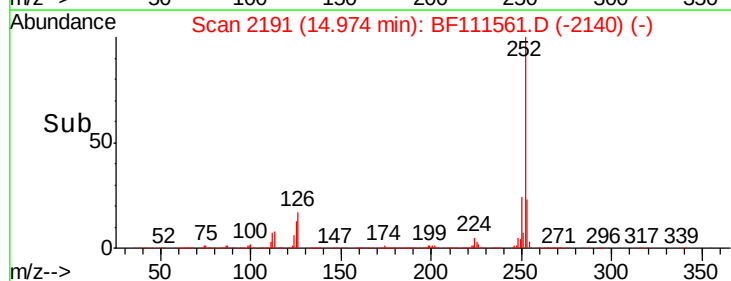
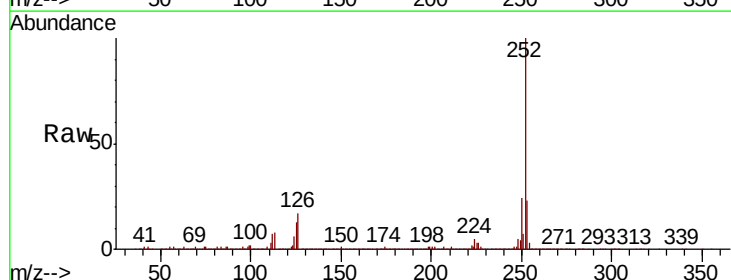
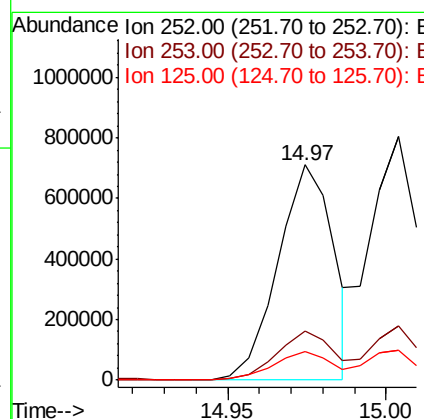
Manual Integrations
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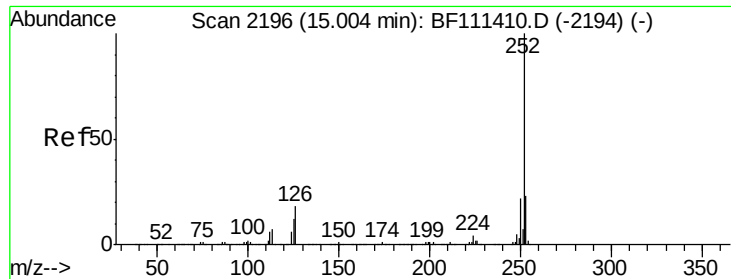
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#88
Benzo(b)fluoranthene
Concen: 40.439 ng
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	13.1	10.4	15.6





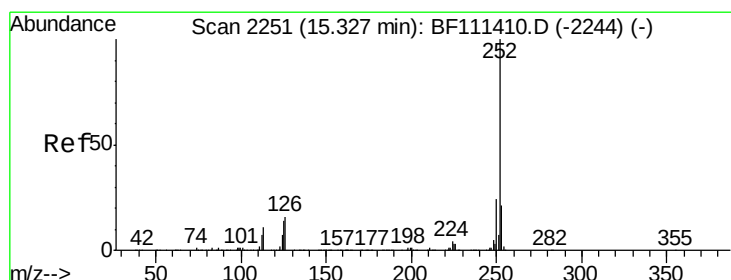
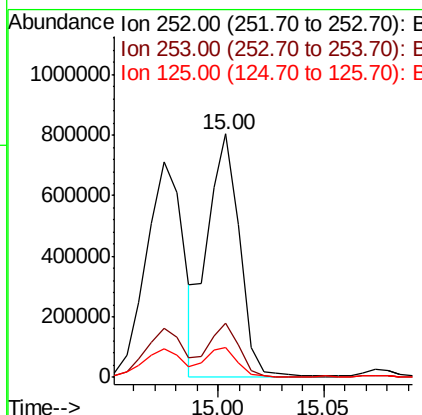
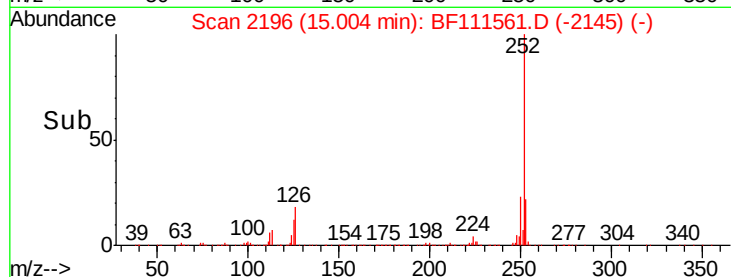
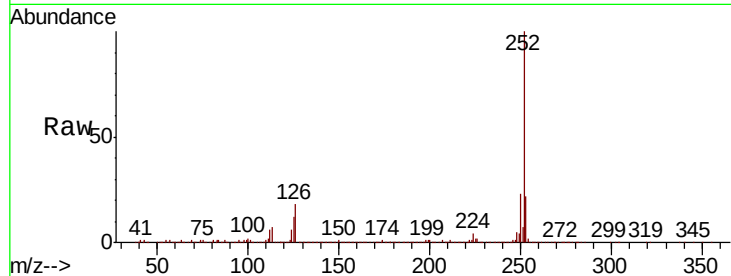
#89
Benzo(k)fluoranthene
Concen: 41.072 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Instrument :
BNA_F
ClientSampled :
TP-6-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	12.3	9.8	14.8

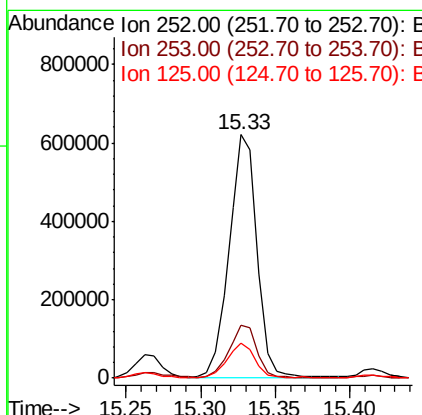
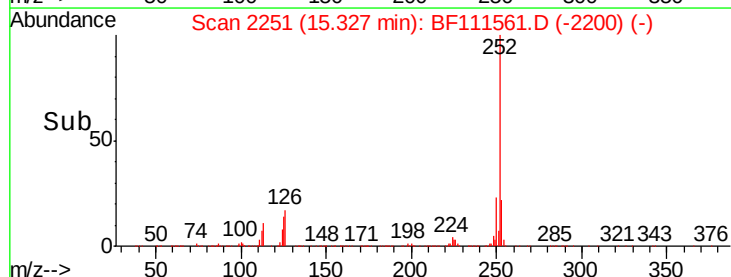
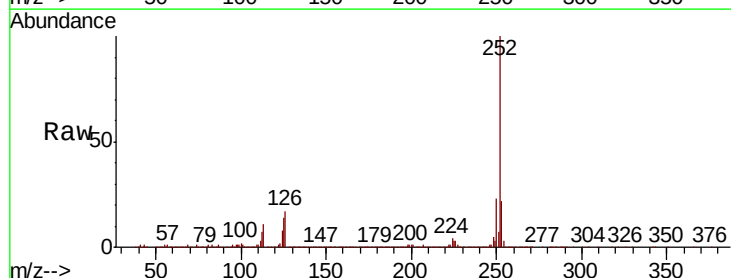
Manual Integrations
APPROVED

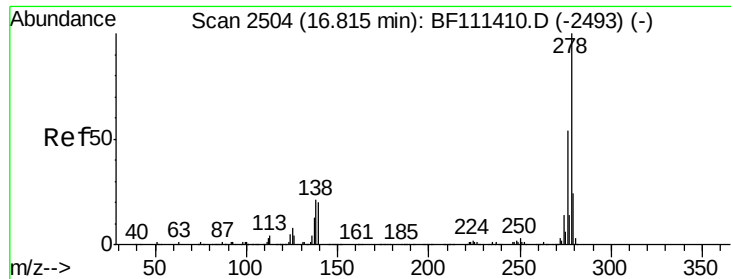
Sohil
12/18/2018 12:49:50 PM



#90
Benzo(a)pyrene
Concen: 41.906 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF111561.D
Acq: 18 Dec 2018 1:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	14.1	12.3	18.5





#91

Dibenzo(a,h)anthracene

Concen: 33.841 ng

RT: 16.82 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Instrument :

BNA_F

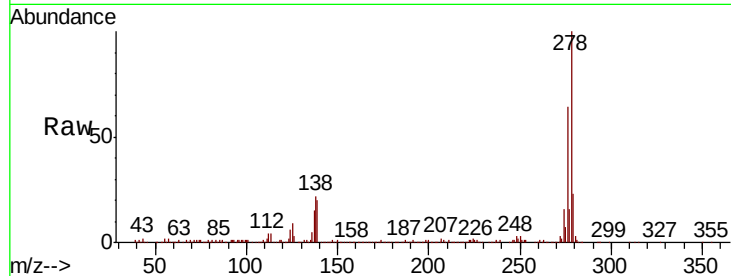
ClientSampleId :

TP-6-AMSD

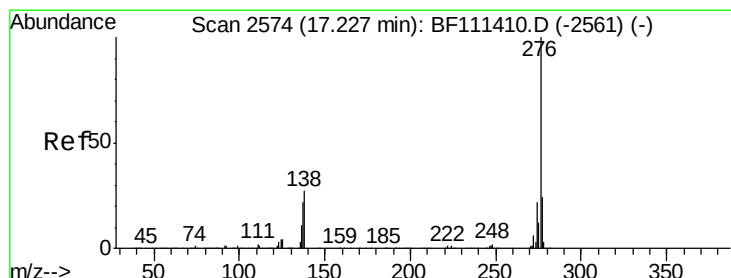
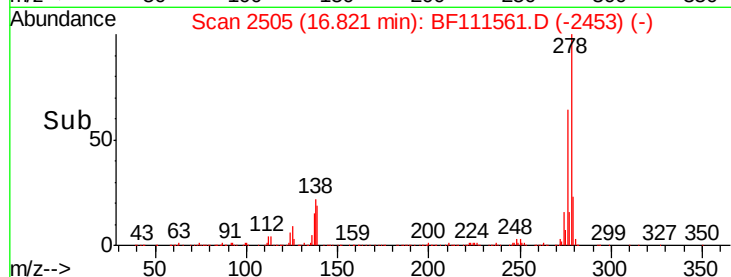
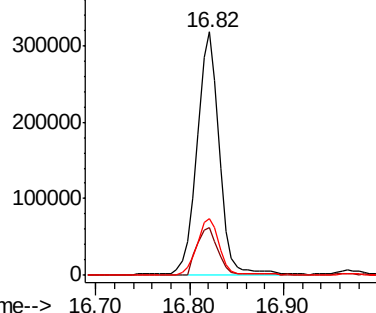
Tot Ion:	278	Resp:	516861
Ion Ratio	Lower	Upper	
278	100		
139	19.6	18.2	27.4
279	23.3	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/18/2018 12:49:50 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: 34.670 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.01 min

Lab File: BF111561.D

Acq: 18 Dec 2018 1:31

Tgt Ion:	276	Resp:	519760
Ion Ratio	Lower	Upper	
276	100		
277	22.9	19.2	28.8
138	26.7	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

