

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111429.D
 Acq On : 14 Dec 2018 20:02
 Operator : JU/SJ
 Sample : J6340-10MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06AMS

Manual Integrations
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Sohil
 12/17/2018 2:36:42 PM

Quant Time: Dec 14 22:29:09 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	185321	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	757884	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	333711	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	511828	20.00	ng	0.00
76) Chrysene-d12	13.95	240	350881	20.00	ng	0.00
87) Perylene-d12	15.39	264	290239	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1281540	115.07	ng	0.01
7) Phenol-d6	6.45	99	1653453	111.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	1020422	80.18	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	298883	99.98	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1713570	79.32	ng	0.00
79) Terphenyl-d14	12.90	244	1148338	76.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	169581	31.528	ng	96
3) Pyridine	3.29	79	335180	24.812	ng	93
4) n-Nitrosodimethylamine	3.22	42	266659	43.457	ng	85
6) Aniline	6.46	93	262959	14.310	ng	# 1
8) 2-Chlorophenol	6.59	128	510083	38.333	ng	96
9) Benzaldehyde	6.34	77	202094	22.492	ng	93
10) Phenol	6.46	94	679698	41.189	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	467373	36.129	ng	96
12) 1,3-Dichlorobenzene	6.73	146	531913	36.314	ng	98
13) 1,4-Dichlorobenzene	6.81	146	532226	35.798	ng	97
14) 1,2-Dichlorobenzene	6.97	146	506812	36.234	ng	97
15) Benzyl Alcohol	6.94	79	430346	38.179	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	931498	36.879	ng	100
17) 2-Methylphenol	7.06	107	403378	37.667	ng	96
18) Hexachloroethane	7.31	117	187241	33.840	ng	92
19) n-Nitroso-di-n-propylamine	7.21	70	345721	35.374	ng	91
20) 3+4-Methylphenols	7.21	107	510055	37.969	ng	# 77
22) Acetophenone	7.20	105	698390	41.280	ng	92
24) Nitrobenzene	7.37	77	517254	39.841	ng	100
25) Isophorone	7.62	82	933289	43.339	ng	97
26) 2-Nitrophenol	7.69	139	259527	38.545	ng	97
27) 2,4-Dimethylphenol	7.74	122	421295	43.161	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	603816	40.616	ng	98
29) 2,4-Dichlorophenol	7.94	162	412122	39.551	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	413426	37.901	ng	99
31) Naphthalene	8.10	128	1444372	40.746	ng	97
32) Benzoic acid	7.85	122	203142	24.083	ng	96
33) 4-Chloroaniline	8.15	127	88847	5.637	ng	95
34) Hexachlorobutadiene	8.22	225	224079	37.287	ng	96
35) Caprolactam	8.52	113	131404m	33.966	ng	
36) 4-Chloro-3-methylphenol	8.64	107	432400	37.700	ng	99
37) 2-Methylnaphthalene	8.79	142	960047	40.024	ng	99
38) 1-Methylnaphthalene	8.89	142	908114	39.188	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	361484	39.499	ng	99

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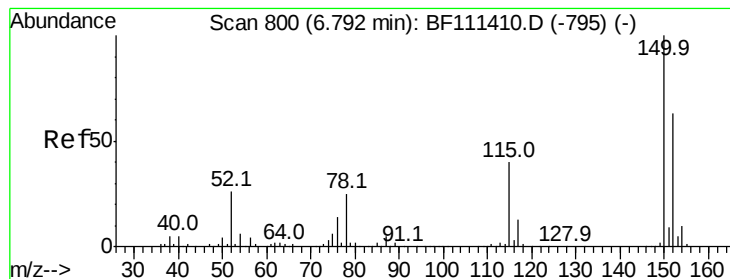
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	165321	35.185	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	262108	40.466	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	268800	38.999	ng	97
46) 1,1'-Biphenyl	9.26	154	1090188	38.555	ng	94
47) 2-Chloronaphthalene	9.28	162	852999	39.687	ng	95
48) 2-Nitroaniline	9.37	65	270023	38.693	ng	92
49) Acenaphthylene	9.69	152	1341832	42.060	ng	96
50) Dimethylphthalate	9.56	163	1205058	50.141	ng	98
51) 2,6-Dinitrotoluene	9.62	165	204838	37.865	ng	93
52) Acenaphthene	9.87	154	795297	39.441	ng	98
53) 3-Nitroaniline	9.78	138	130615	19.878	ng	92
54) 2,4-Dinitrophenol	9.89	184	55771	27.098	ng	93
55) Dibenzofuran	10.04	168	1160972	39.665	ng	95
56) 4-Nitrophenol	9.96	139	301571	66.319	ng	99
57) 2,4-Dinitrotoluene	10.02	165	259811	36.592	ng	93
58) Fluorene	10.38	166	873250	41.133	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	201261	37.373	ng	100
60) Diethylphthalate	10.26	149	958892	39.389	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	393315	37.867	ng	95
62) 4-Nitroaniline	10.39	138	191211	29.396	ng	98
63) Azobenzene	10.53	77	913207	38.050	ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	49531	17.142	ng	82
66) n-Nitrosodiphenylamine	10.49	169	781277	44.264	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	228936	41.500	ng	96
68) Hexachlorobenzene	10.93	284	218294	38.469	ng	98
69) Atrazine	11.02	200	233194	45.716	ng	96
70) Pentachlorophenol	11.12	266	205686	59.097	ng	97
71) Phenanthrene	11.34	178	1074553	40.744	ng	95
72) Anthracene	11.39	178	1100985	40.820	ng	95
73) Carbazole	11.55	167	982491	35.226	ng	95
74) Di-n-butylphthalate	11.88	149	1359747	43.775	ng	96
75) Fluoranthene	12.53	202	945283	36.637	ng	96
77) Benzidine	12.65	184	94210	7.304	ng	99
78) Pyrene	12.75	202	931040	37.636	ng	96
80) Butylbenzylphthalate	13.37	149	467098	38.737	ng	94
81) Benzo(a)anthracene	13.95	228	784635	41.126	ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	258294	33.303	ng	96
83) Chrysene	13.98	228	784501	39.033	ng	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	622898	40.444	ng	99
85) Di-n-octyl phthalate	14.54	149	1104495	42.516	ng	99
86) Indeno(1,2,3-cd)pyrene	16.80	276	538729	37.139	ng	96
88) Benzo(b)fluoranthene	14.97	252	756828	44.726	ng	99
89) Benzo(k)fluoranthene	15.00	252	653717	40.431	ng	99
90) Benzo(a)pyrene	15.33	252	645841	42.325	ng	98
91) Dibenzo(a,h)anthracene	16.82	278	465823	38.700	ng	94
92) Benzo(g,h,i)perylene	17.23	276	437402	37.020	ng	96

(#) = 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: BF111429.D

Acq: 14 Dec 2018 20:02

Instrument :

BNA_F

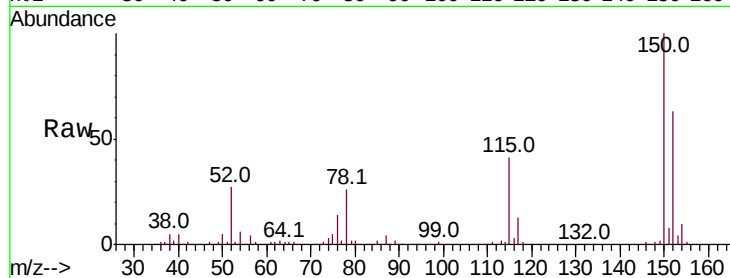
ClientSampleId :

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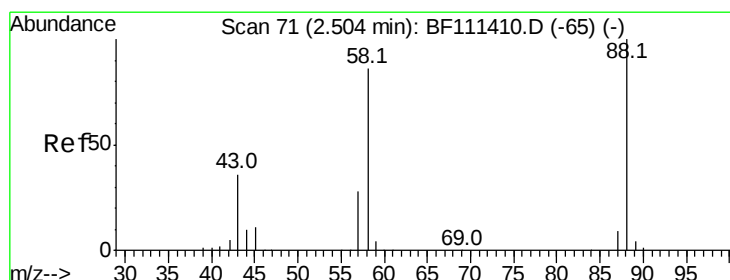
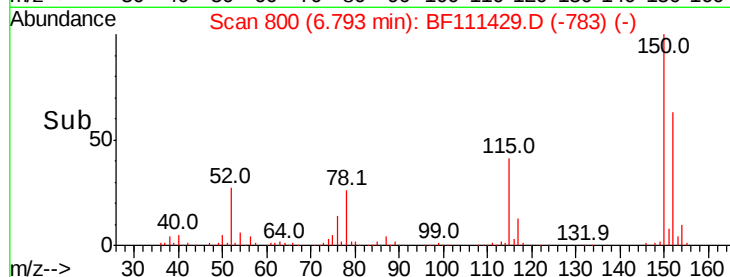
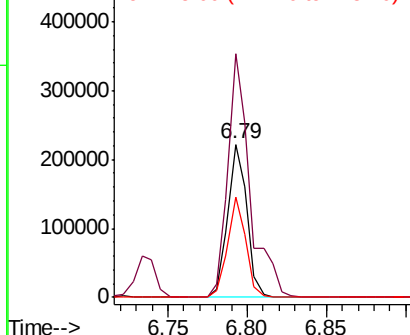
Tot Ion:	152	Resp:	185321
Ion Ratio	Lower	Upper	
152	100		
150	158.8	126.6	189.8
115	65.2	50.7	76.1

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



#2

1,4-Dioxane

Concen: 31.528 ng

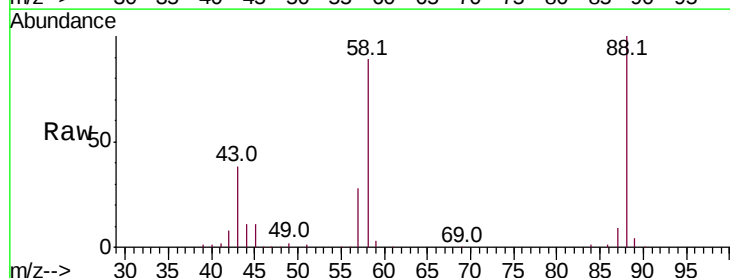
RT: 2.55 min Scan# 78

Delta R.T. 0.04 min

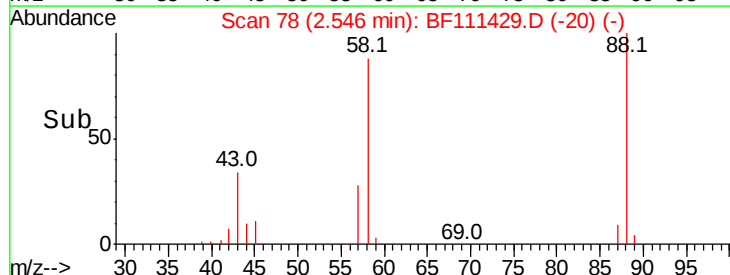
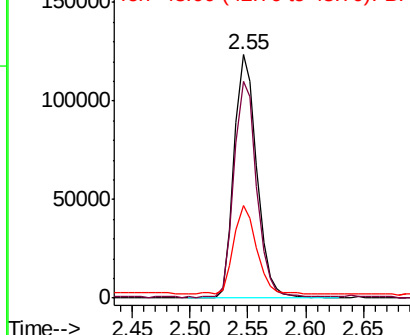
Lab File: BF111429.D

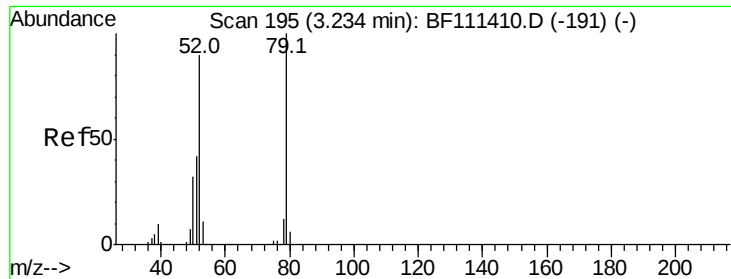
Acq: 14 Dec 2018 20:02

Tgt Ion:	88	Resp:	169581
Ion Ratio	Lower	Upper	
88	100		
58	87.3	68.9	103.3
43	37.4	25.8	38.6



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





#3

Pvridine

Concen: 24.812 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.05 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Instrument :

BNA_F

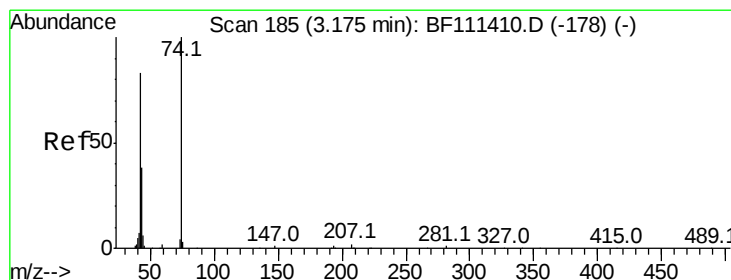
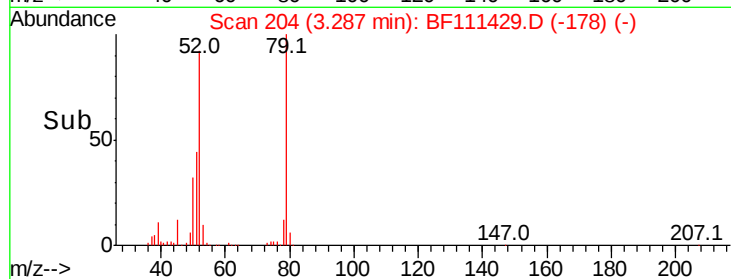
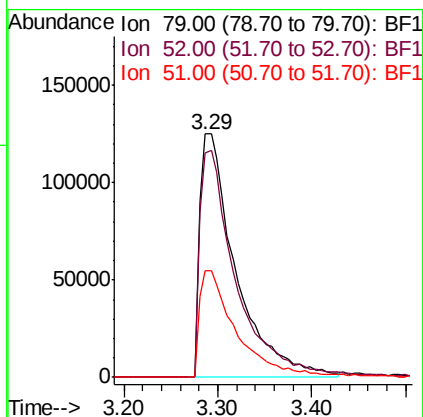
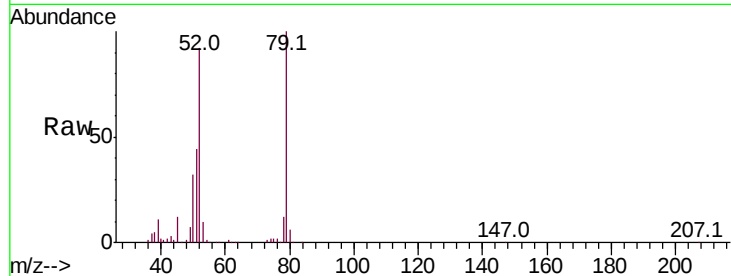
ClientSampleId :

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Tot Ion:	79	Resp:	335180
Ion Ratio	Lower	Upper	
79	100		
52	92.3	68.3	102.5
51	44.0	32.6	49.0

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#4

n-Nitrosodimethylamine

Concen: 43.457 ng

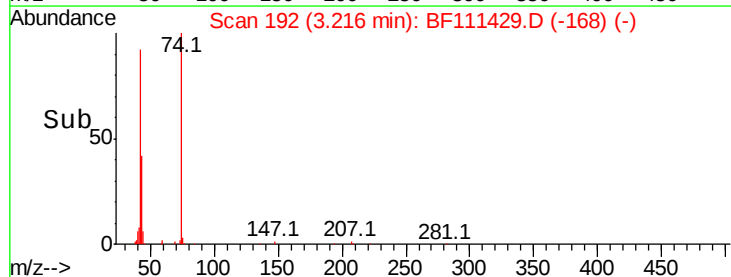
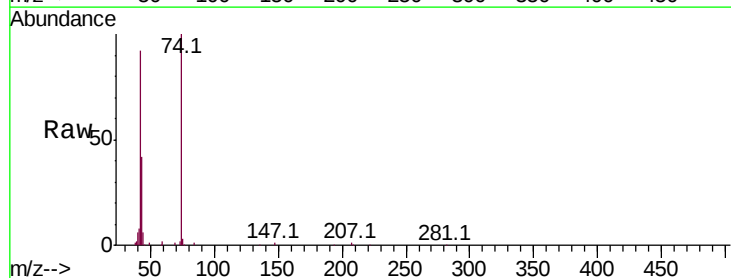
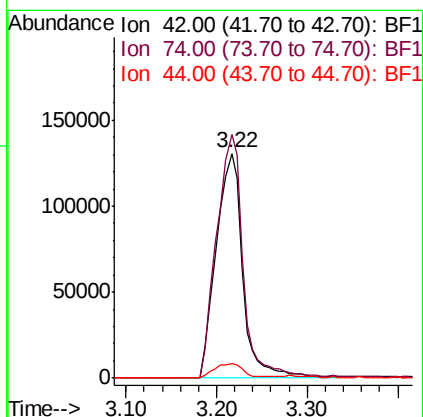
RT: 3.22 min Scan# 192

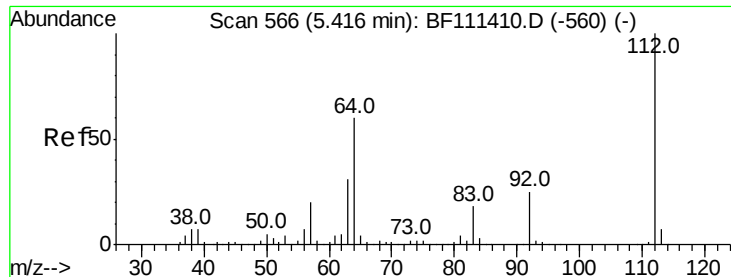
Delta R.T. 0.04 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Tgt Ion:	42	Resp:	266659
Ion Ratio	Lower	Upper	
42	100		
74	108.3	101.5	152.3
44	6.6	6.0	9.0





#5

2-Fluorophenol

Concen: 115.074 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Instrument :

BNA_F

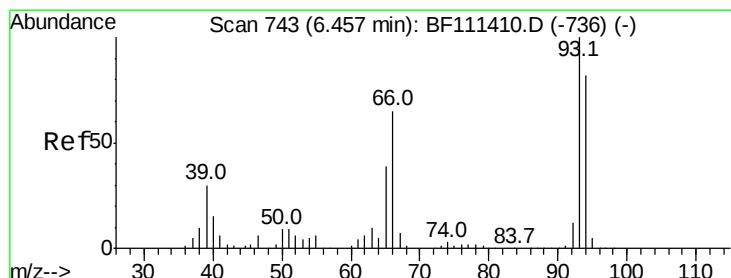
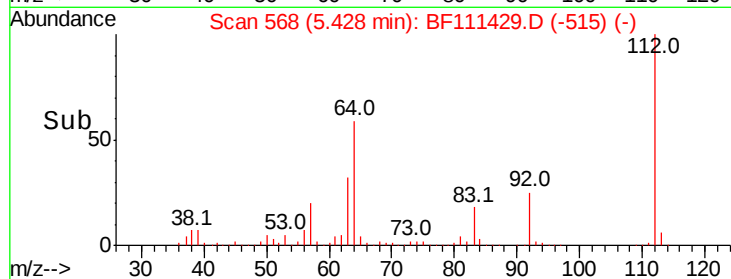
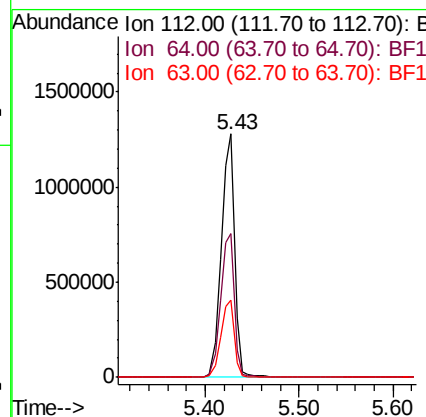
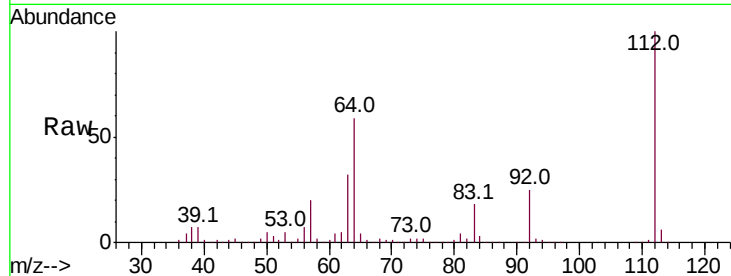
ClientSampled :

SB-06AMS

Tot Ion:	112	Resp:	1281540
Ion	Ratio	Lower	Upper
112	100		
64	59.1	51.8	77.6
63	31.8	26.8	40.2

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#6

Aniline

Concen: 14.310 ng

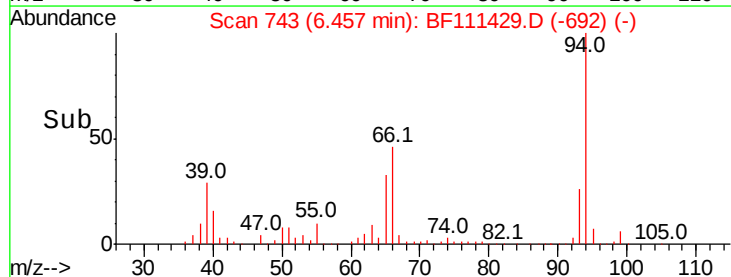
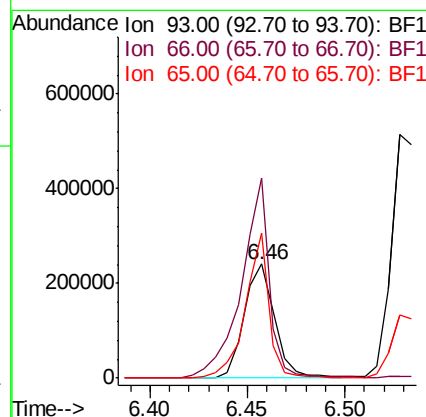
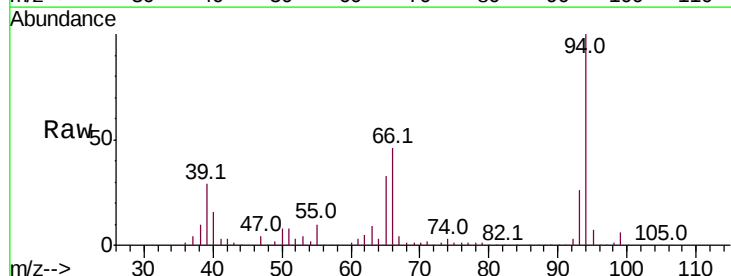
RT: 6.46 min Scan# 743

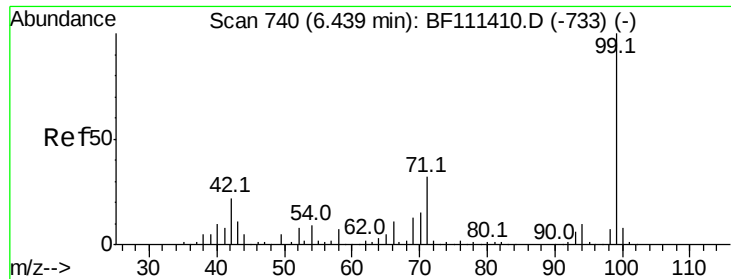
Delta R.T. 0.00 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Tgt Ion:	93	Resp:	262959
Ion	Ratio	Lower	Upper
93	100		
66	175.5	33.2	49.8#
65	127.5	17.0	25.4#





#7

Phenol-d6

Concen: 111.616 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Instrument :

BNA_F

ClientSampleId :

SB-06AMS

Tot Ion: 99 Resp: 1653453

Ion Ratio Lower Upper

99 100

42 21.7 17.4 26.0

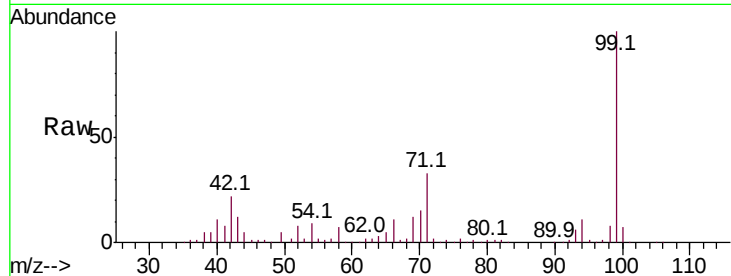
71 32.8 26.1 39.1

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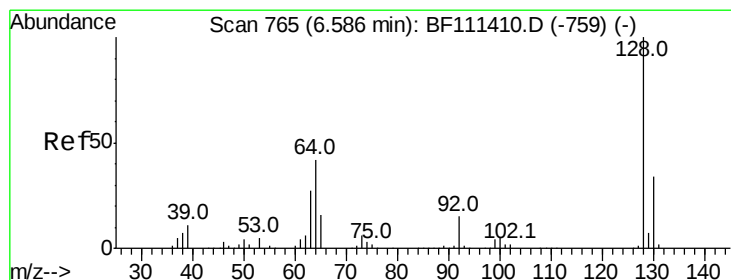
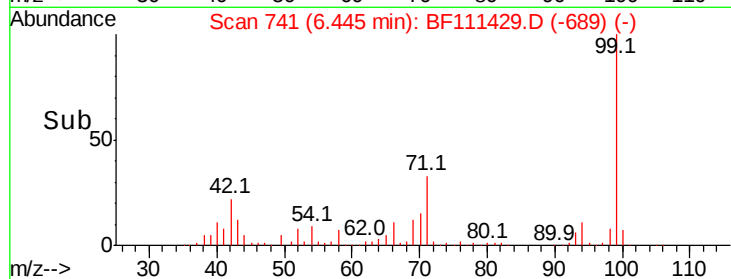
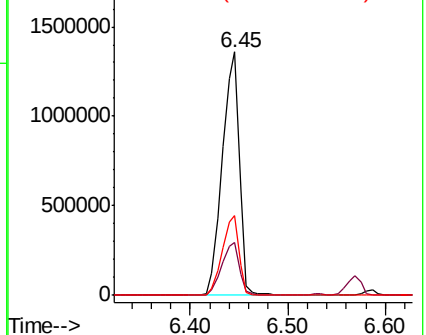
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.333 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

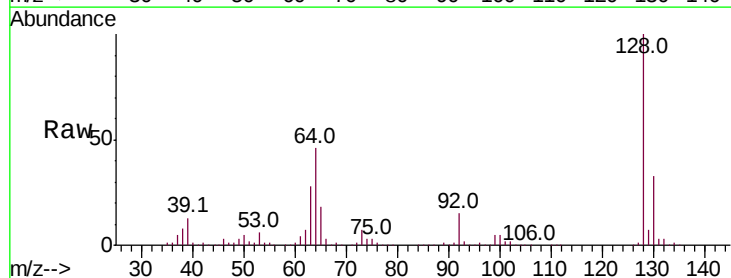
Tgt Ion:128 Resp: 510083

Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

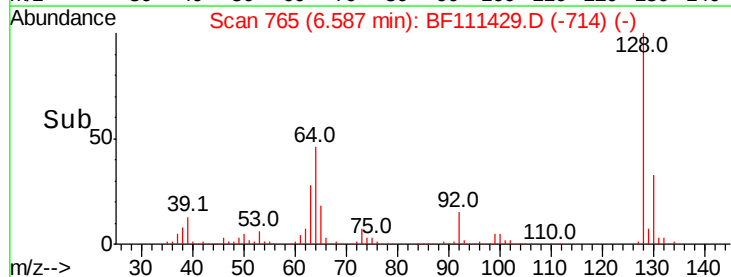
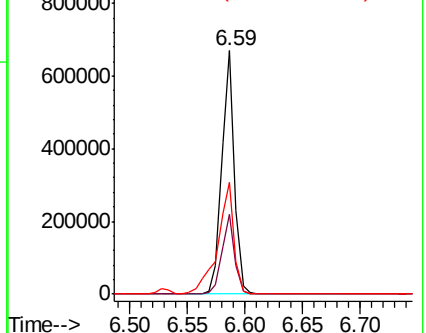
64 45.7 30.0 70.0

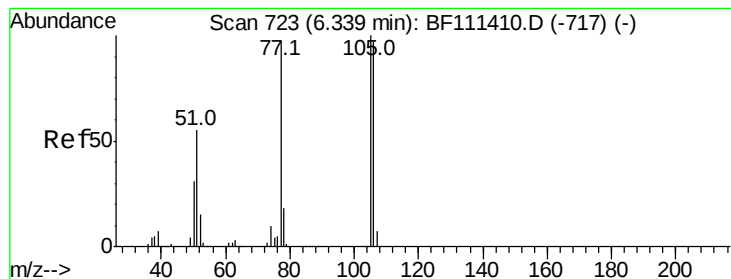


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.492 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Instrument :

BNA_F

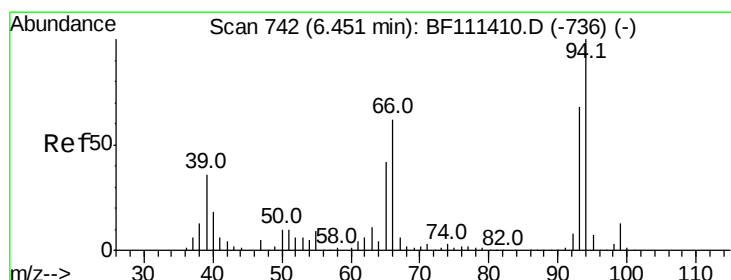
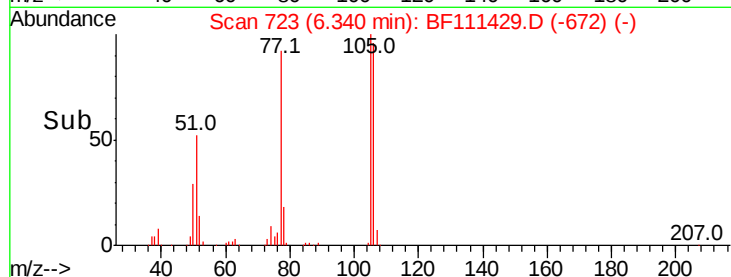
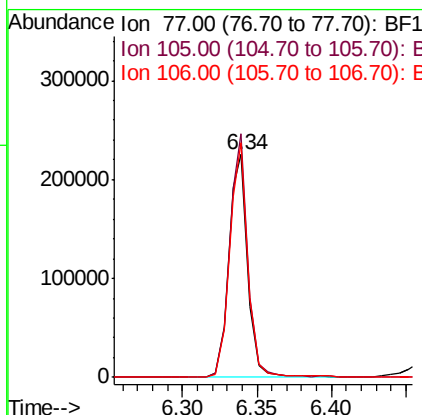
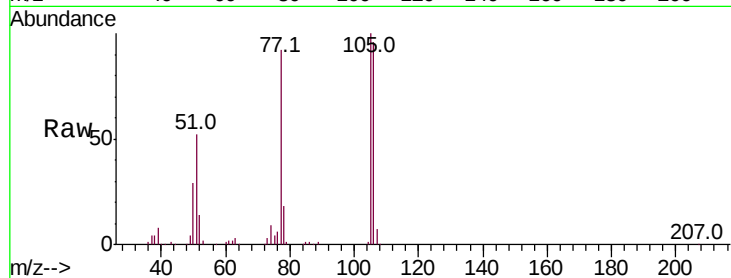
ClientSampleId :

SB-06AMS

Tot Ion	77	Resp	202094
Ion	Ratio	Lower	Upper
77	100		
105	109.2	81.4	121.4
106	104.9	77.9	117.9

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#10

Phenol

Concen: 41.189 ng

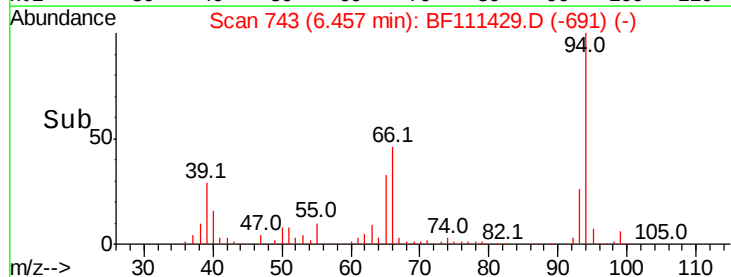
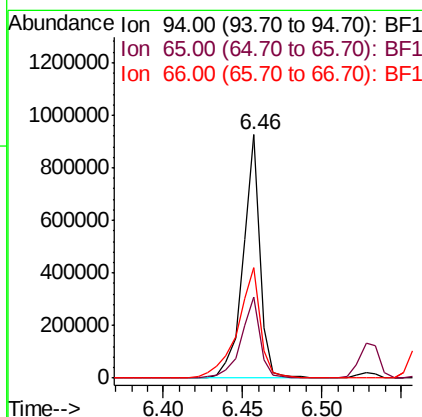
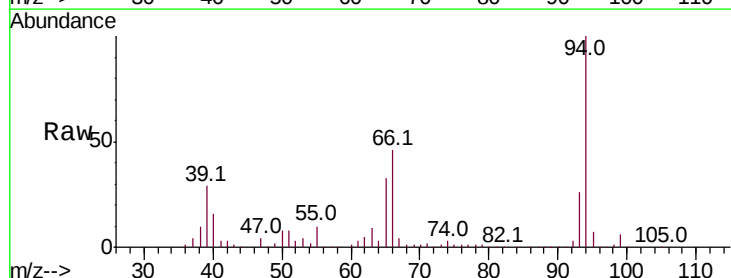
RT: 6.46 min Scan# 743

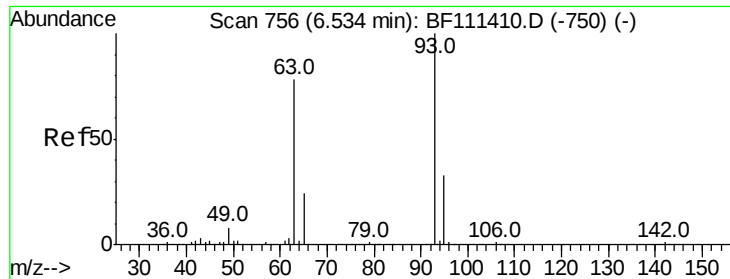
Delta R.T. 0.01 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Tgt Ion	94	Resp	679698
Ion	Ratio	Lower	Upper
94	100		
65	33.1	11.7	51.7
66	45.6	21.0	61.0





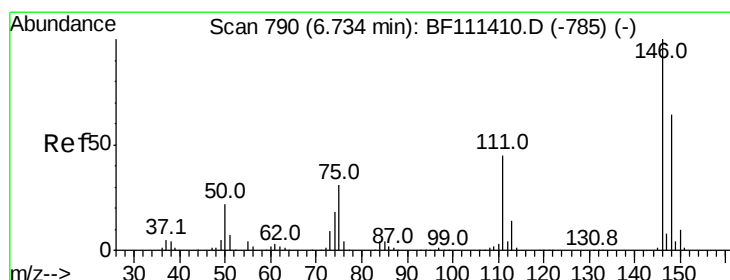
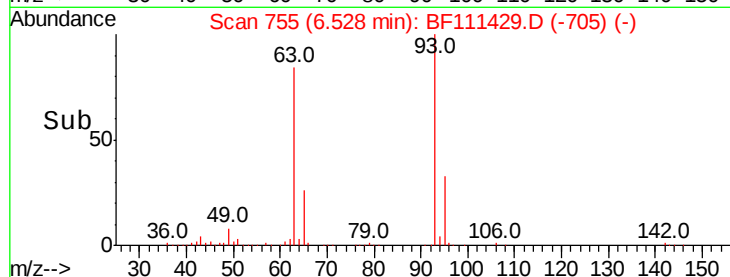
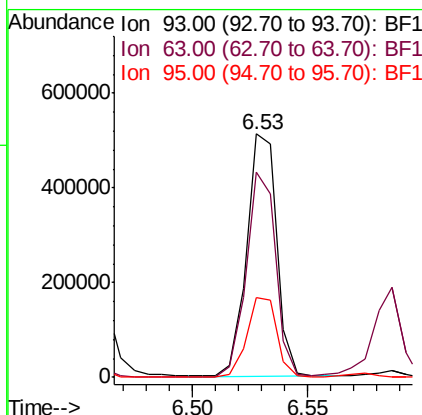
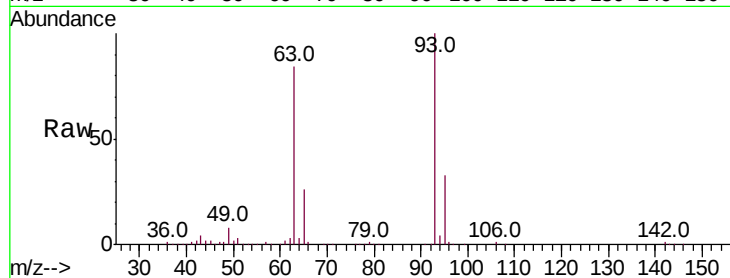
#11
bis(2-Chloroethyl)ether
Concen: 36.129 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Instrument :
BNA_F
ClientSampleId :
SB-06AMS

Tot Ion	Ion	Ratio	Lower	Upper
93	100			
63	84.2	60.0	100.0	
95	32.6	13.4	53.4	

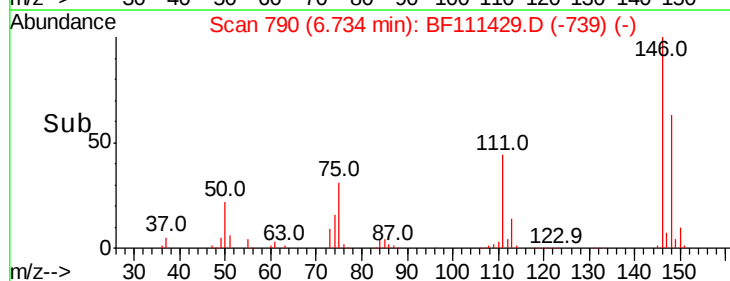
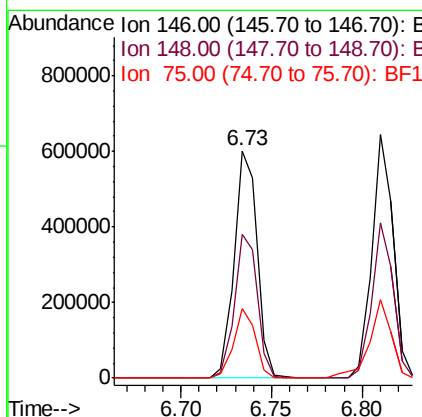
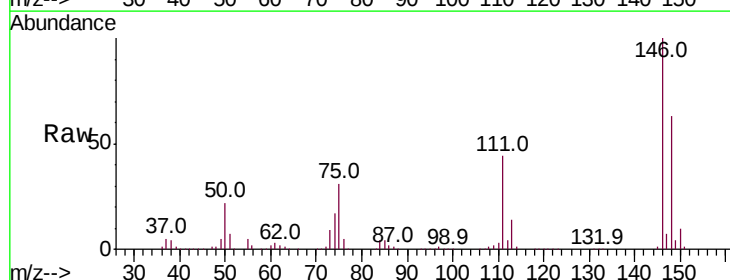
Manual Integrations
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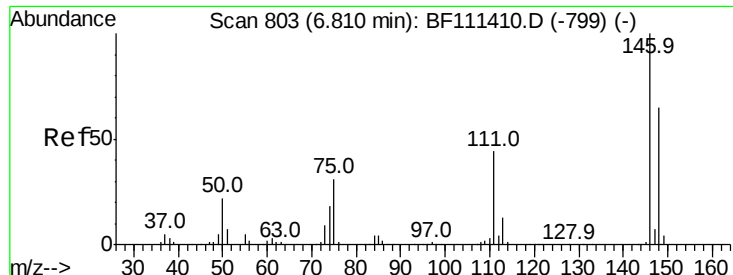
Sohil
12/17/2018 2:36:42 PM



#12
1,3-Dichlorobenzene
Concen: 36.314 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	63.2	52.1	78.1	
75	30.8	23.9	35.9	





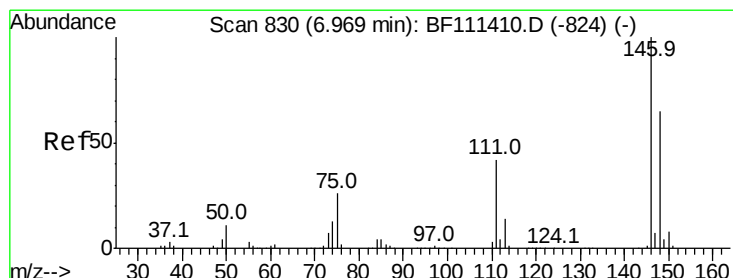
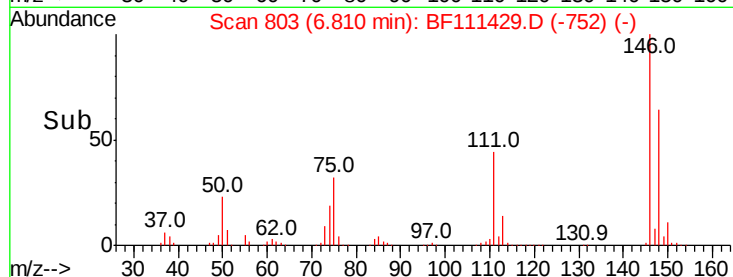
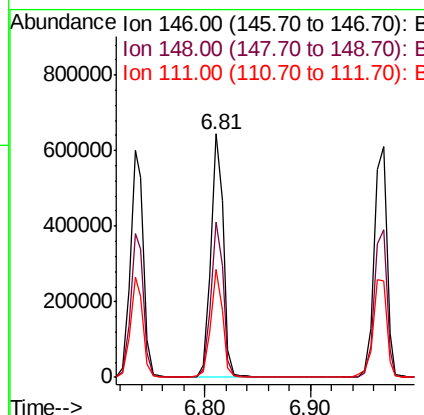
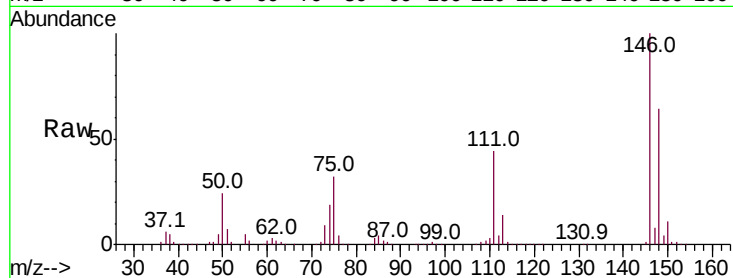
#13
 1,4-Dichlorobenzene
 Concen: 35.798 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF111429.D
 Acq: 14 Dec 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-06AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.8	79.2
111	44.1	33.4	50.0

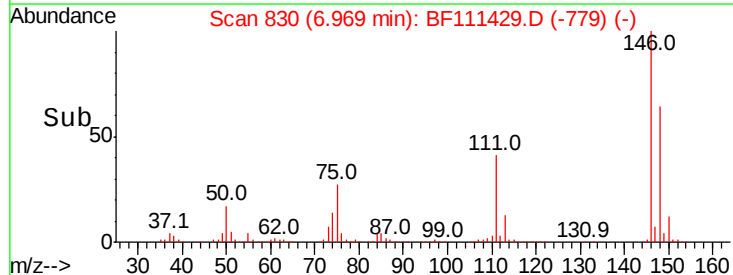
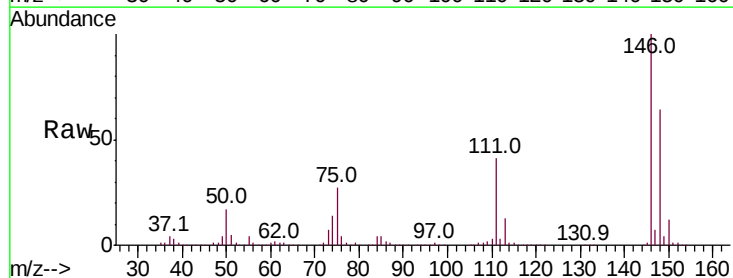
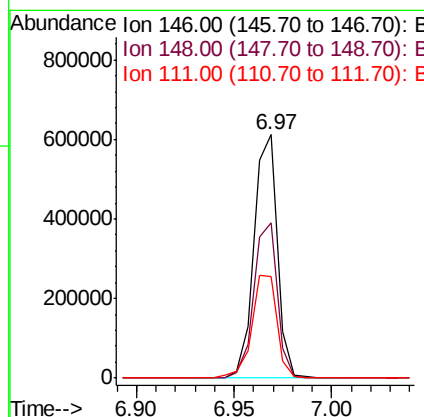
Manual Integrations
 APPROVED

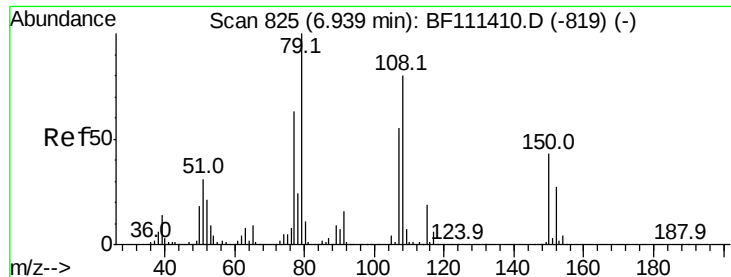
Sohil
 12/17/2018 2:36:42 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.234 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF111429.D
 Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
111	41.4	36.2	54.4





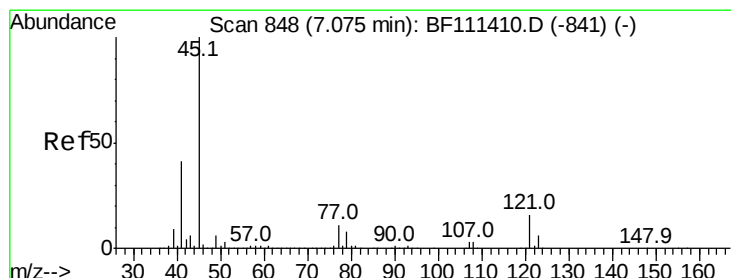
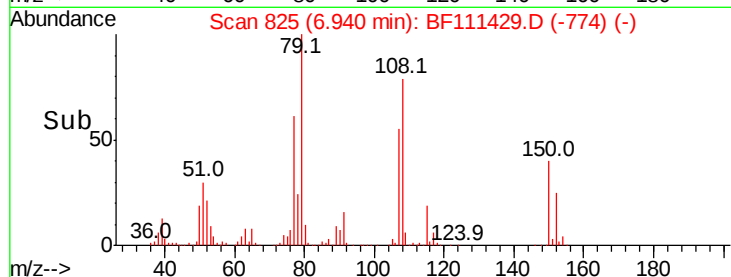
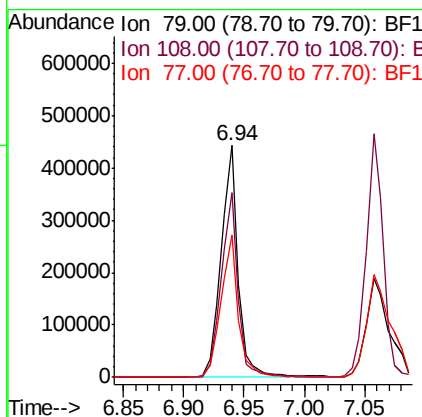
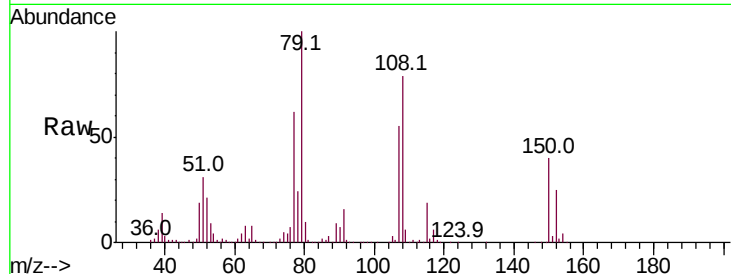
#15
Benzyl Alcohol
Concen: 38.179 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Instrument :
BNA_F
ClientSampleId :
SB-06AMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.5	69.4	104.2
77	61.6	49.7	74.5

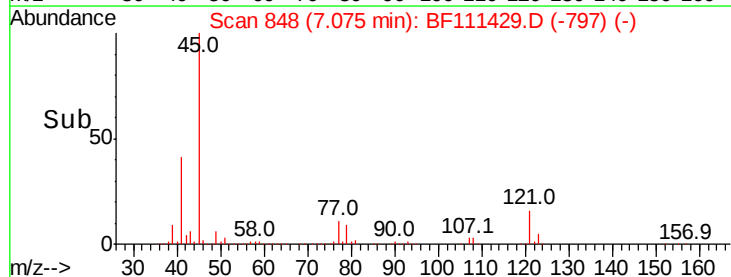
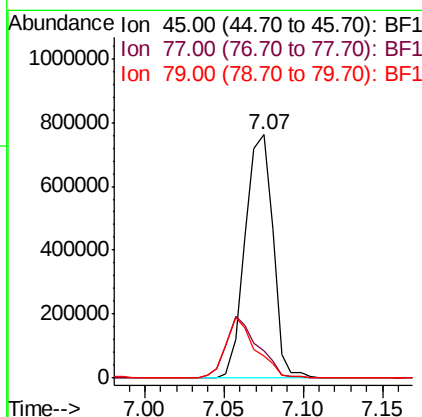
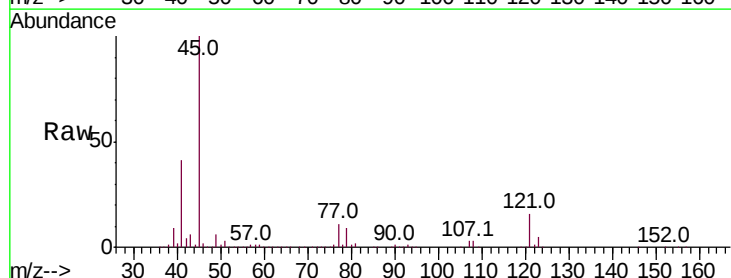
Manual Integrations
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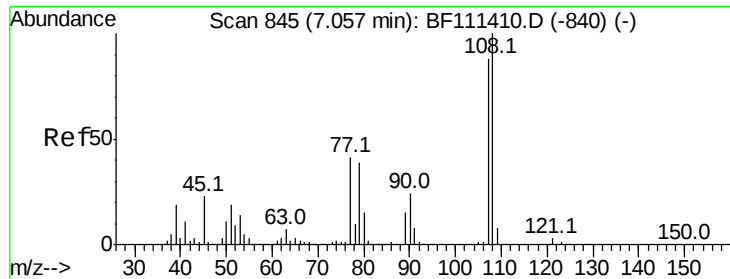
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.879 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	31.5
79	8.9	0.0	28.9





#17

2-Methylphenol

Concen: 37.667 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Instrument :

BNA_F

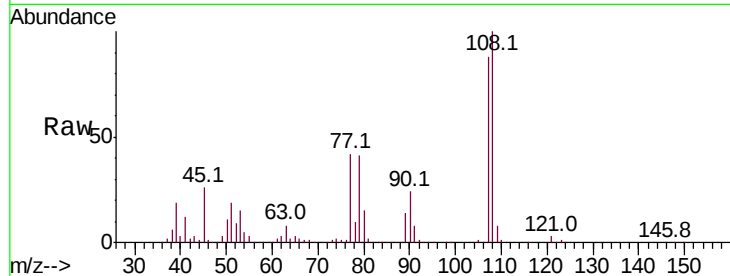
ClientSampled :

SB-06AMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.0	136.4
77	47.6	33.5	50.3
79	46.3	33.3	49.9

Manual Integrations
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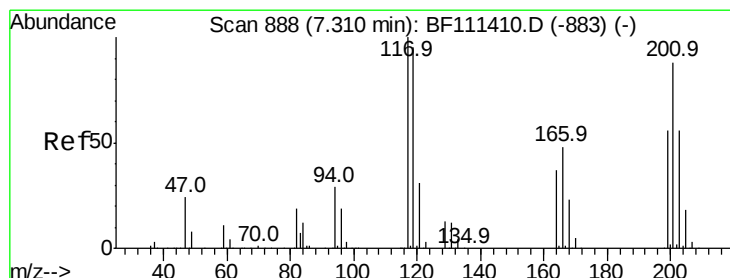
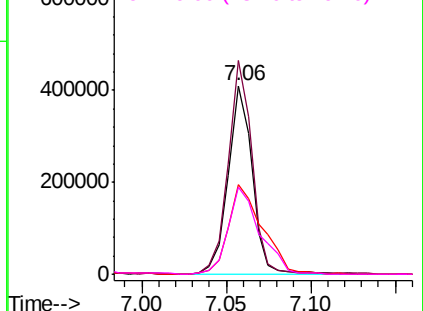
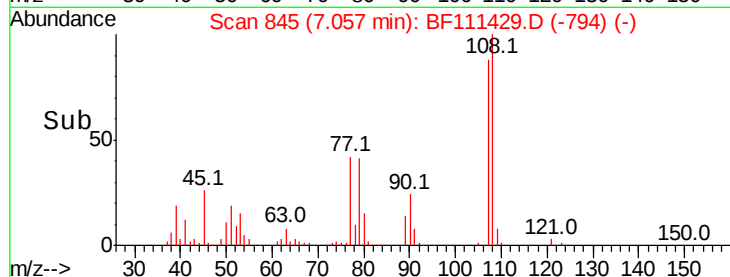
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 33.840 ng

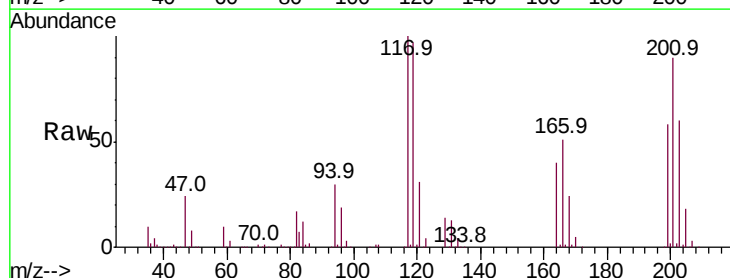
RT: 7.31 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.4	113.0
201	90.4	62.4	93.6

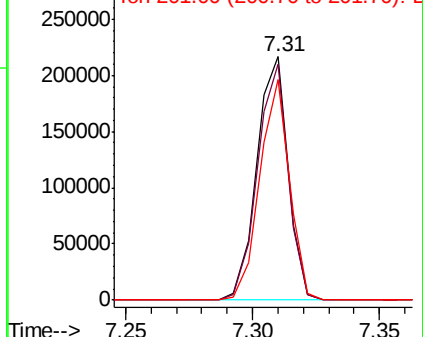
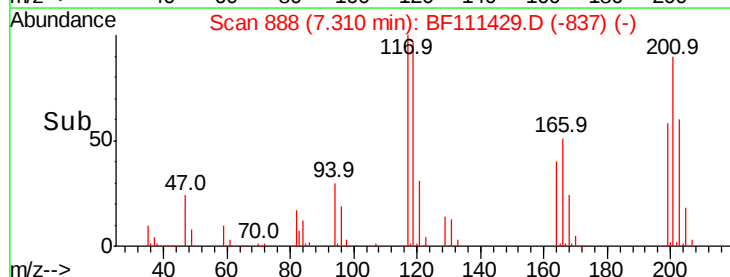


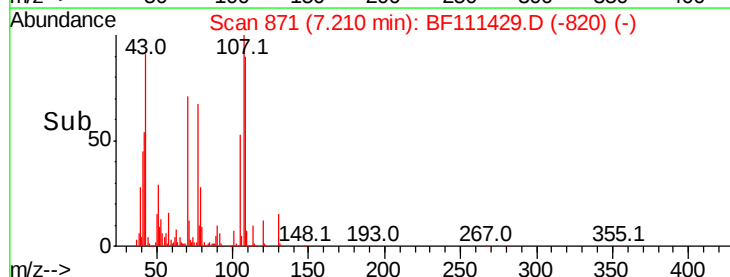
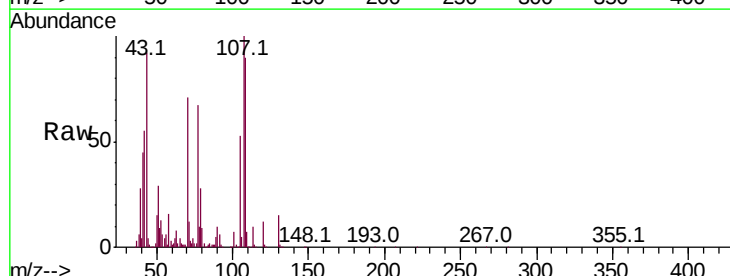
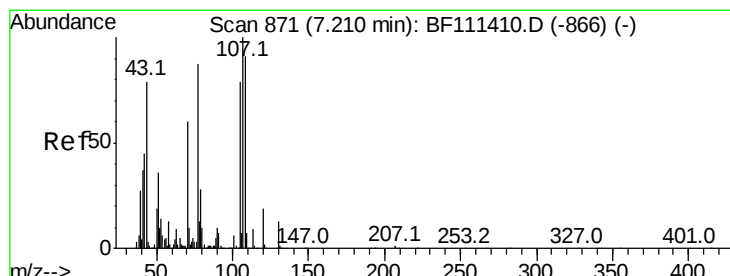
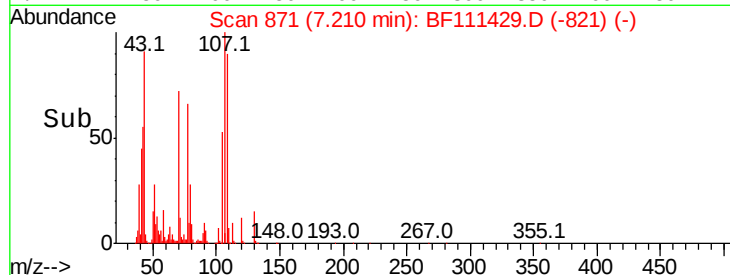
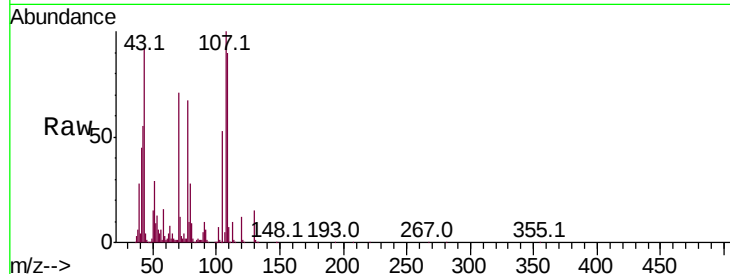
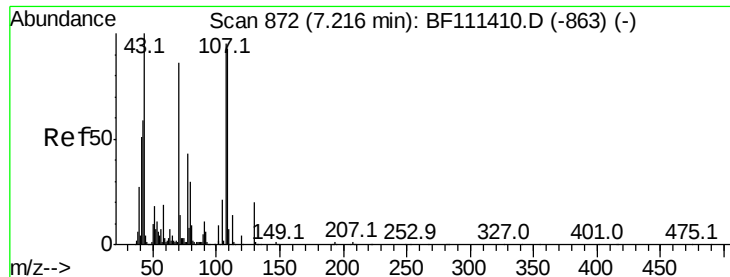
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





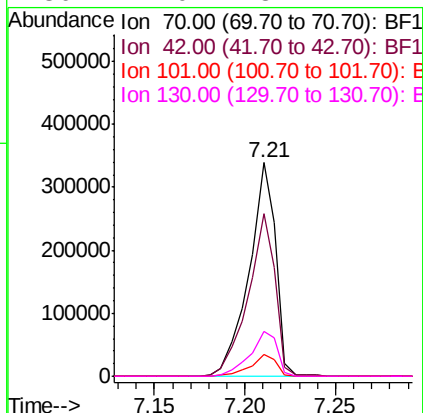
#19
n-Nitroso-di-n-propylamine
Concen: 35.374 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Instrument :
BNA_F
ClientSampled :
SB-06AMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	76.3	53.2	79.8
101	10.1	8.2	12.4
130	21.0	18.1	27.1

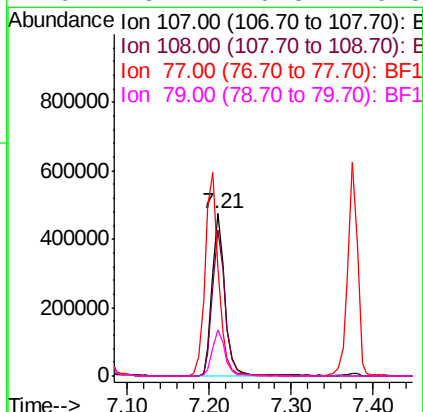
Manual Integrations
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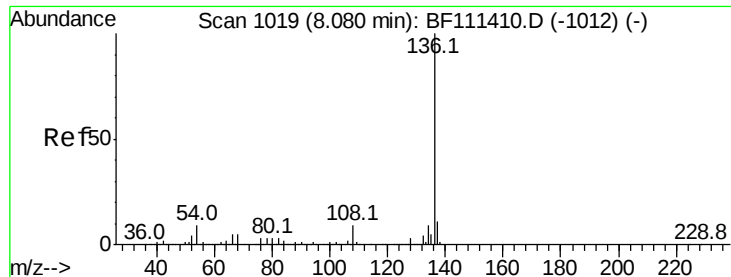
Sohil
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#20
3+4-Methylphenols
Concen: 37.969 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	72.1	112.1
77	66.6	94.1	134.1#
79	28.1	9.8	49.8





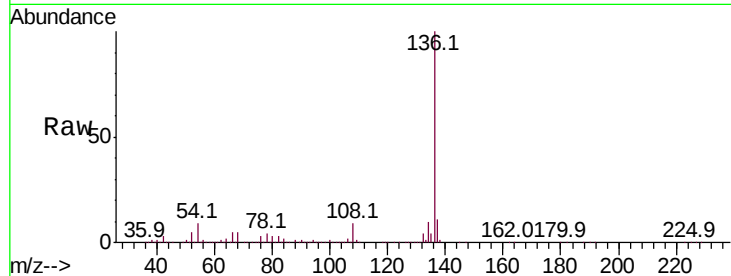
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Instrument :
BNA_F
ClientSampleId :
SB-06AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.1	13.7	
54	9.5	7.7	11.5	
68	5.3	4.9	7.3	

Manual Integrations
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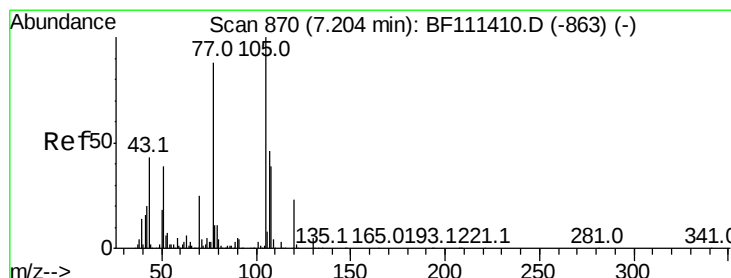
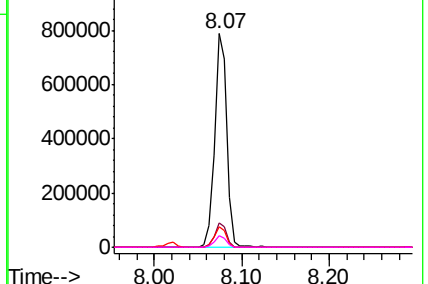
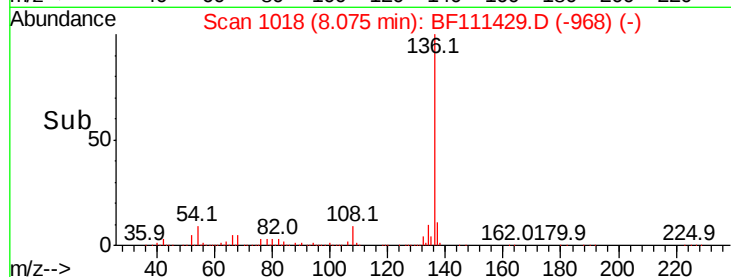
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

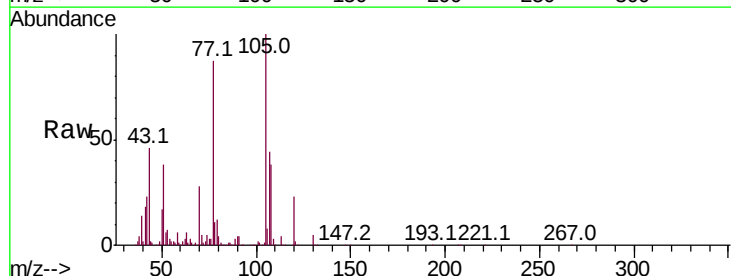
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.280 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.7	3.1	4.7	
51	37.8	36.6	54.8	
120	22.9	18.2	27.4	



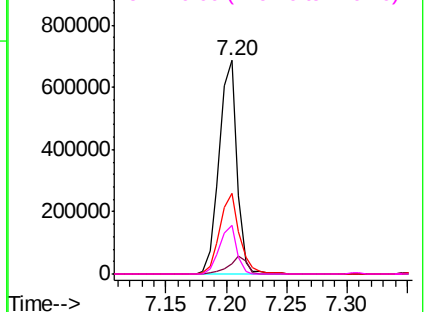
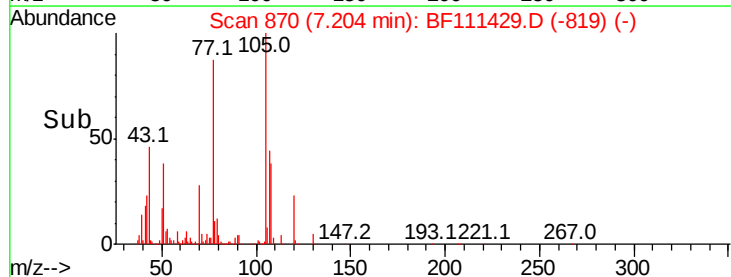
Abundance

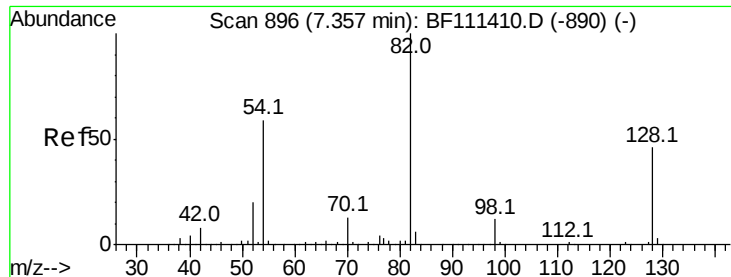
Ion 105.00 (104.70 to 105.70): E

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





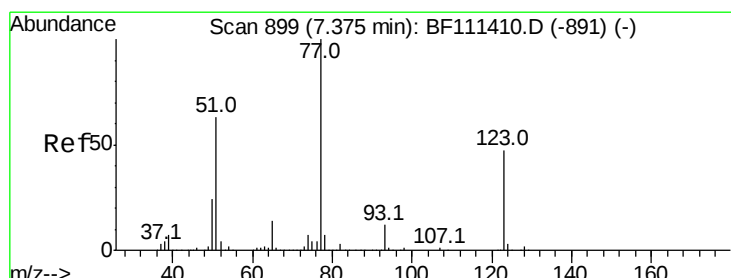
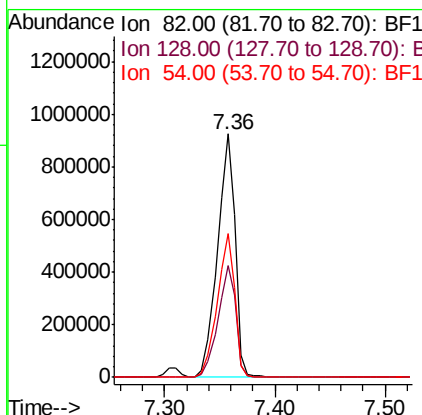
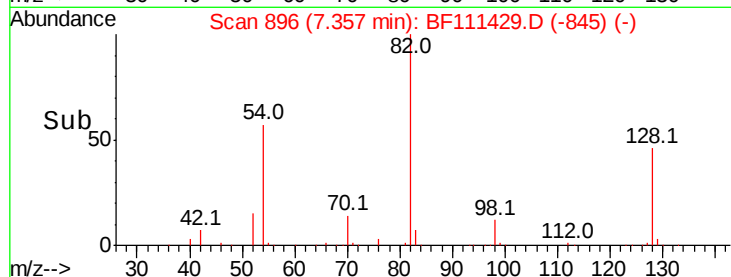
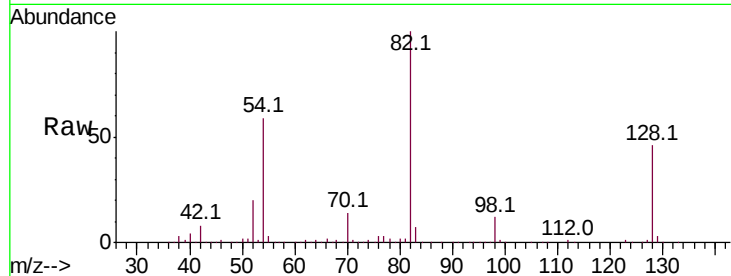
#23
Nitrobenzene-d5
Concen: 80.177 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Instrument :
BNA_F
ClientSampleId :
SB-06AMS

Tot Ion: 82 Resp: 1020422
Ion Ratio Lower Upper
82 100
128 45.8 37.4 56.2
54 59.2 47.6 71.4

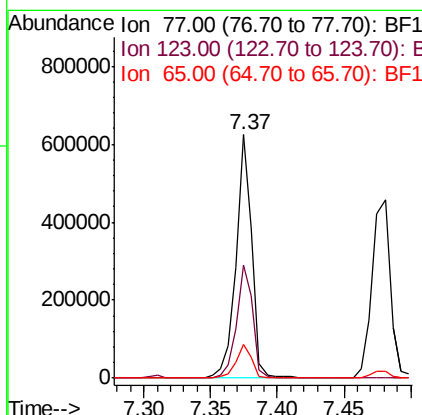
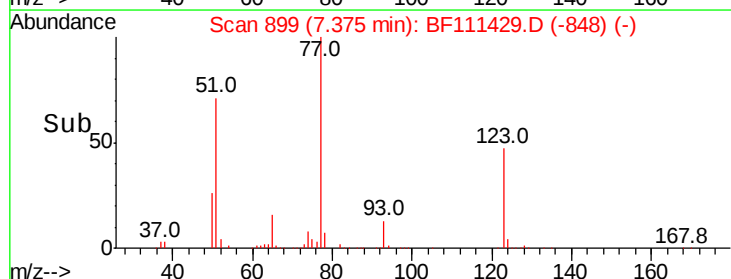
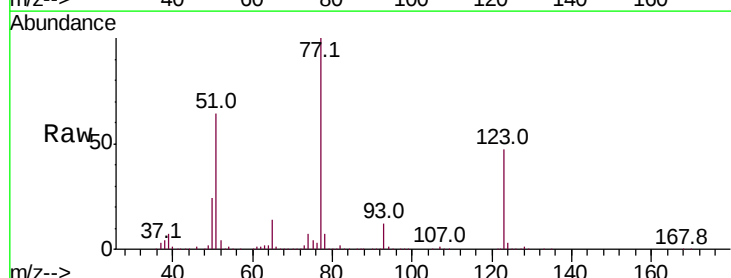
Manual Integrations
APPROVED

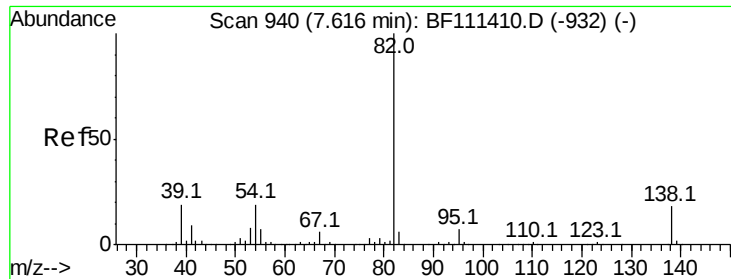
Sohil
12/17/2018 2:36:42 PM



#24
Nitrobenzene
Concen: 39.841 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Tgt Ion: 77 Resp: 517254
Ion Ratio Lower Upper
77 100
123 46.5 37.2 55.8
65 14.0 11.5 17.3





#25

Isophorone

Concen: 43.339 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Instrument :

BNA_F

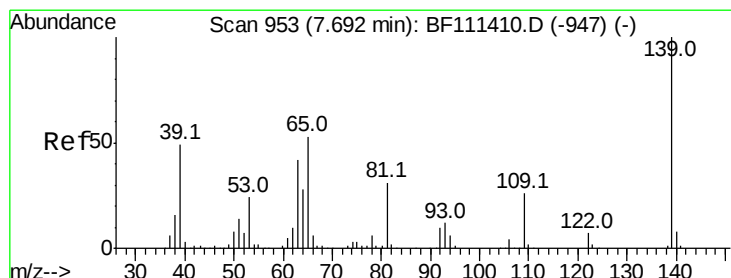
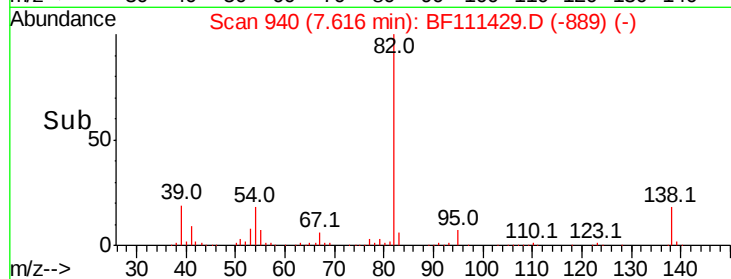
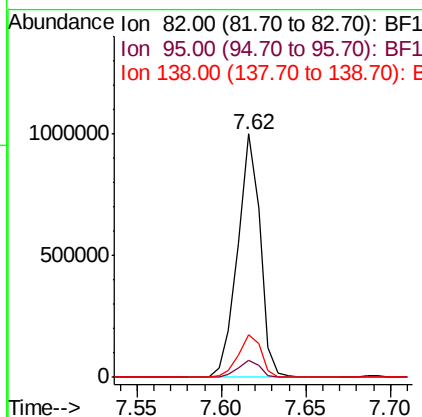
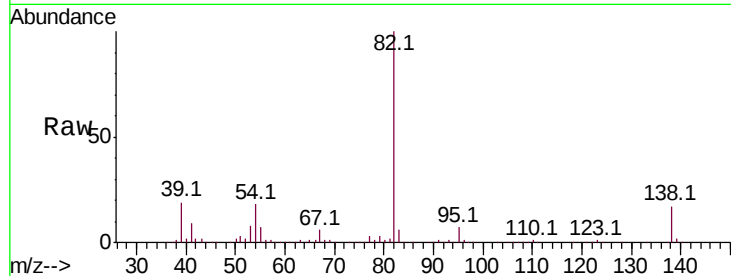
ClientSampleId :

SB-06AMS

Tot Ion:	82	Resp:	933289
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	17.3	15.1	22.7

Manual Integrations
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Sohil
12/17/2018 2:36:42 PM



#26

2-Nitrophenol

Concen: 38.545 ng

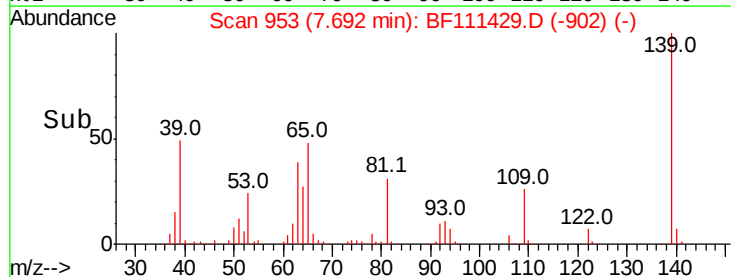
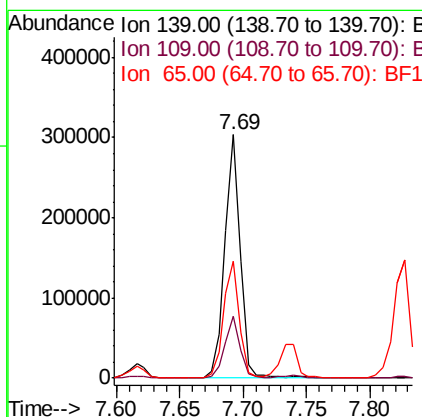
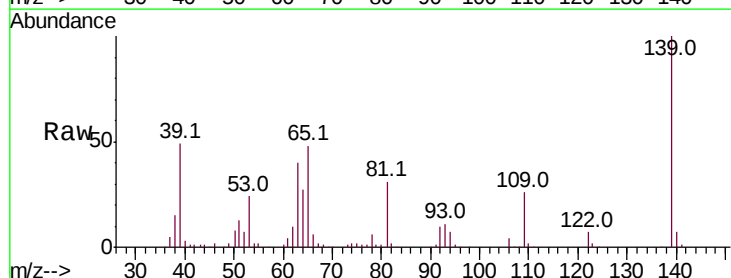
RT: 7.69 min Scan# 953

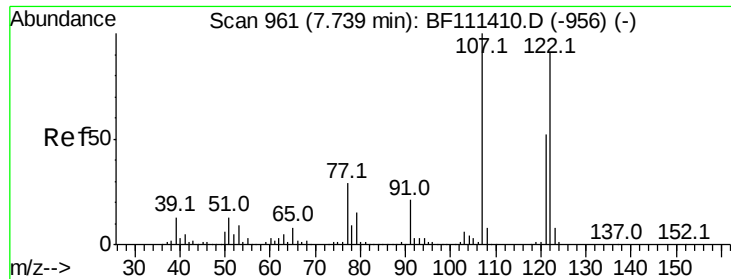
Delta R.T. 0.00 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Tgt Ion:	139	Resp:	259527
Ion Ratio	Lower	Upper	
139	100		
109	25.5	20.2	30.4
65	48.1	40.7	61.1





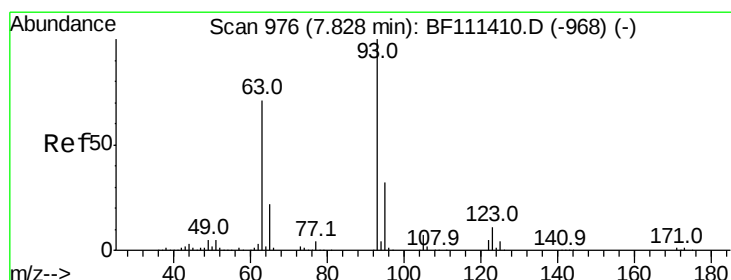
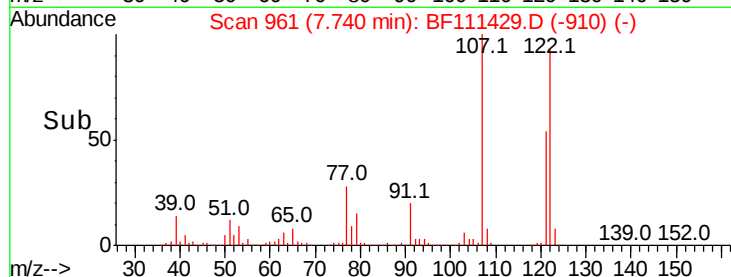
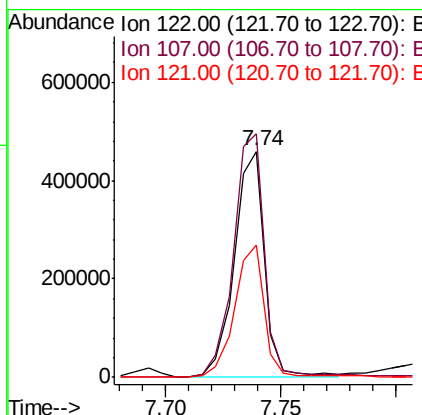
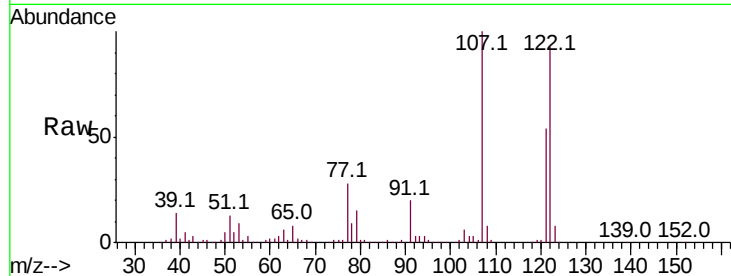
#27
2,4-Dimethylphenol
Concen: 43.161 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Instrument :
BNA_F
ClientSampleId :
SB-06AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.7	85.5	128.3
121	58.5	46.6	70.0

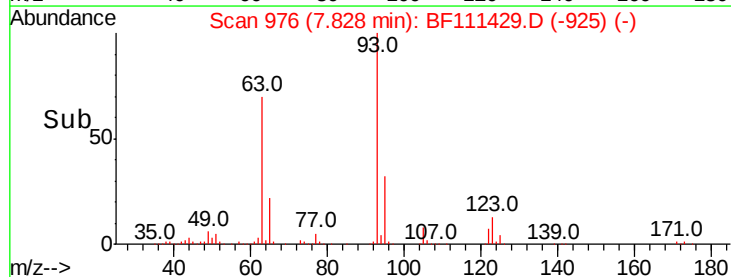
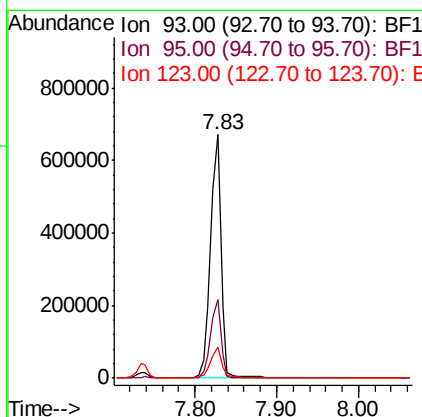
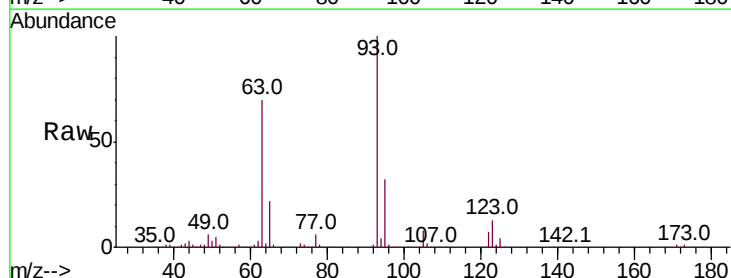
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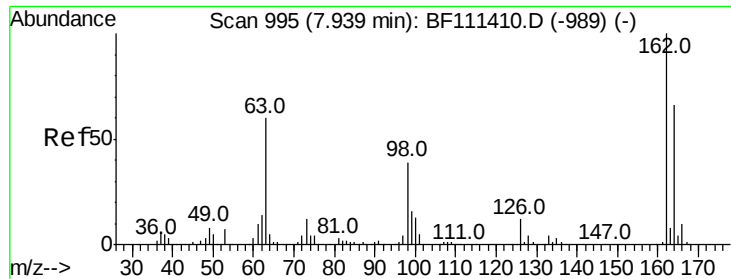
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 40.616 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	27.1	40.7
123	12.6	9.9	14.9





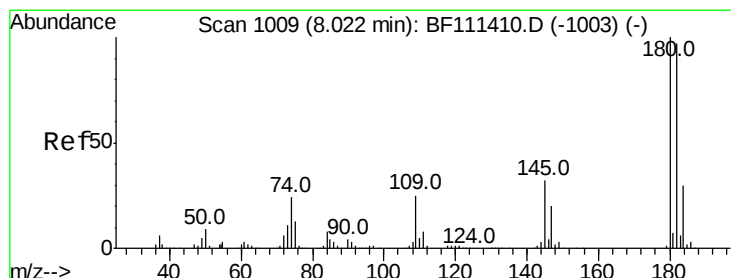
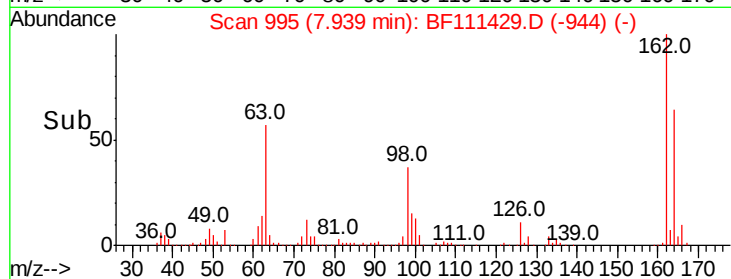
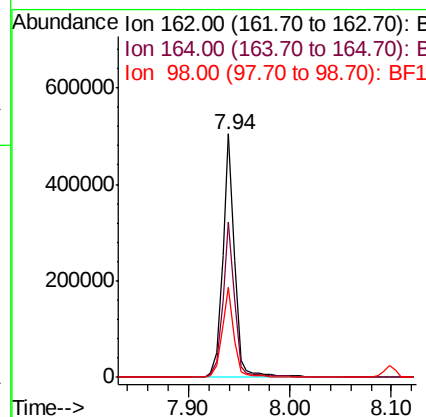
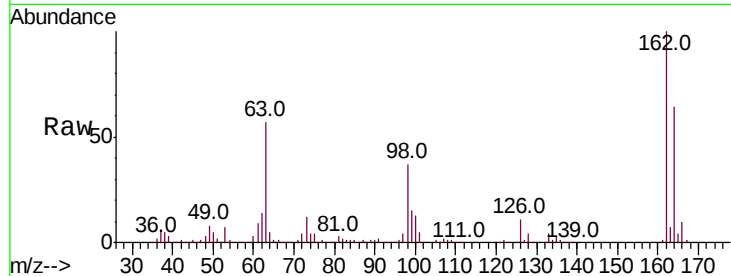
#29
2,4-Dichlorophenol
Concen: 39.551 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Instrument :
BNA_F
ClientSampleId :
SB-06AMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.6	44.4	84.4
98	37.1	20.3	60.3

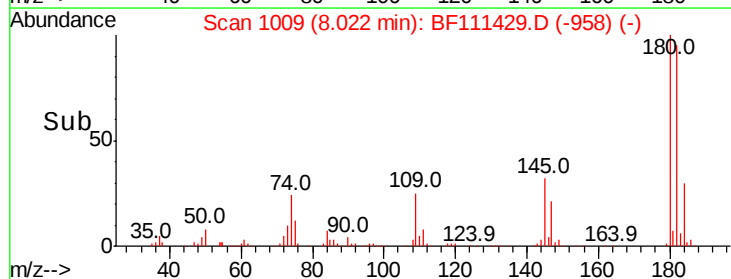
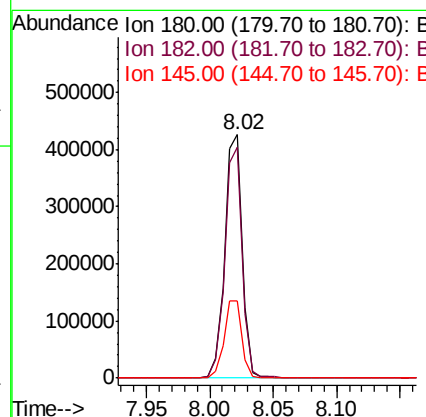
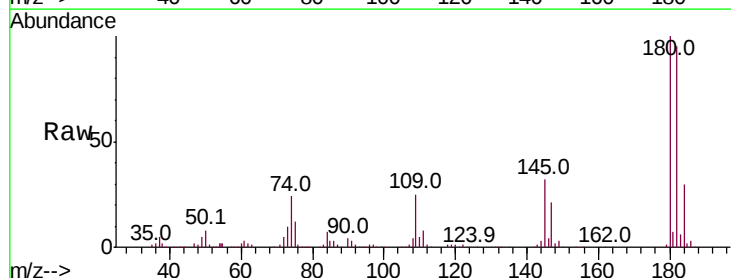
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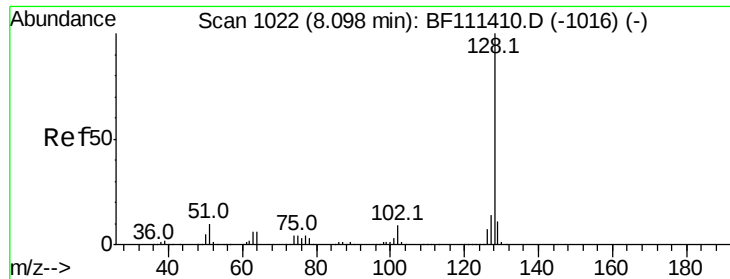
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#30
1,2,4-Trichlorobenzene
Concen: 37.901 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.0	75.6	113.4
145	31.7	26.7	40.1





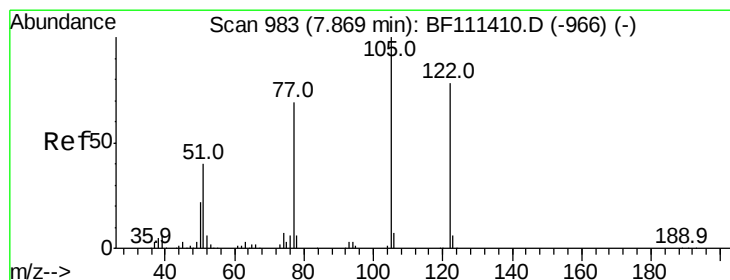
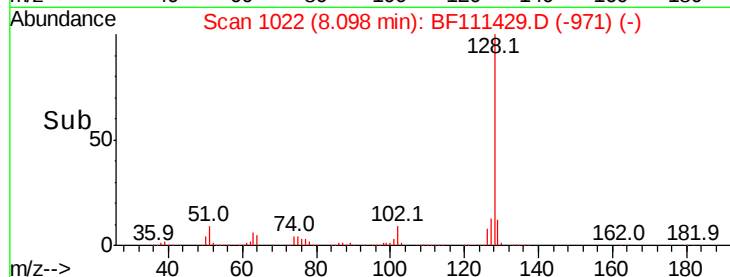
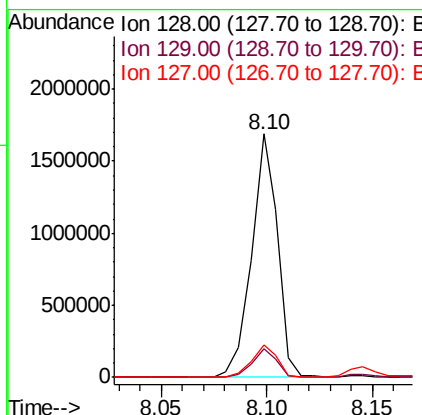
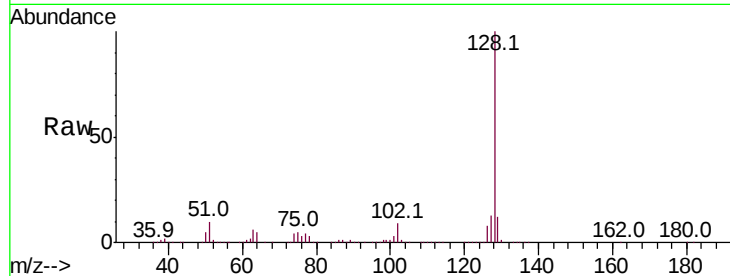
#31
Naphthalene
Concen: 40.746 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Instrument :
BNA_F
ClientSampleId :
SB-06AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.8
127	13.4	12.0	18.0

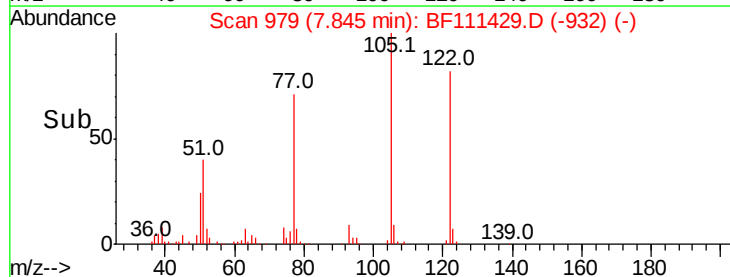
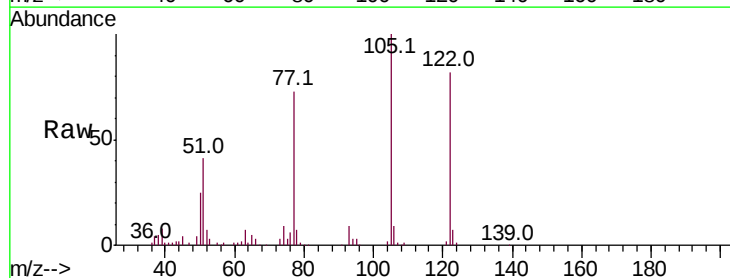
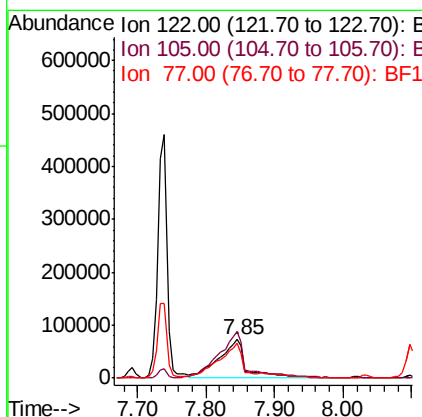
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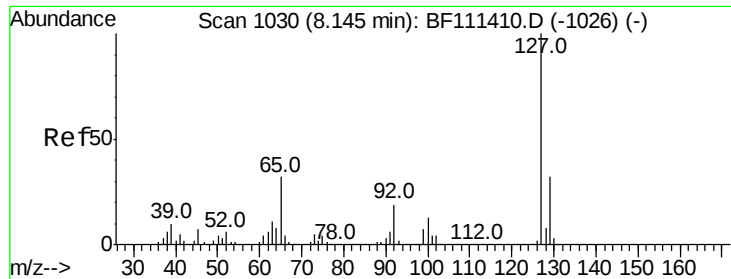
Sohil
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#32
Benzoic acid
Concen: 24.083 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.1	97.0	137.0
77	89.6	65.7	105.7





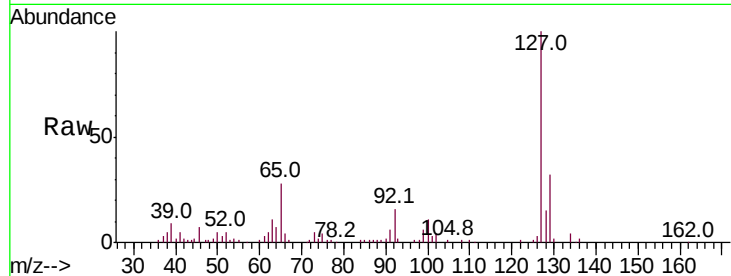
#33
4-Chloroaniline
Concen: 5.637 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Instrument :
BNA_F
ClientSampleId :
SB-06AMS

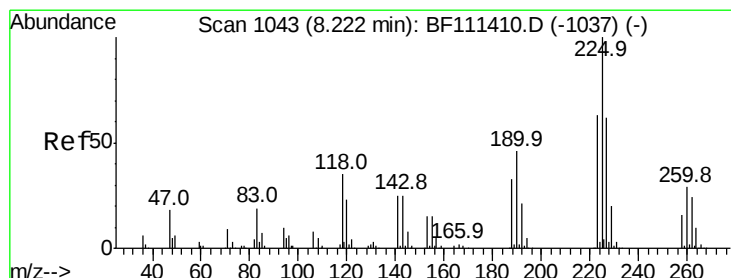
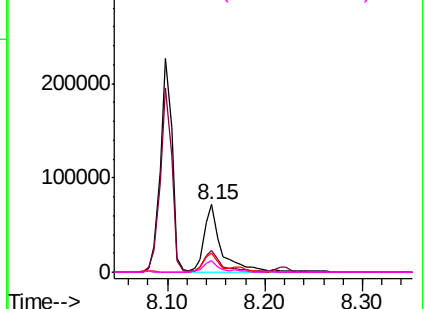
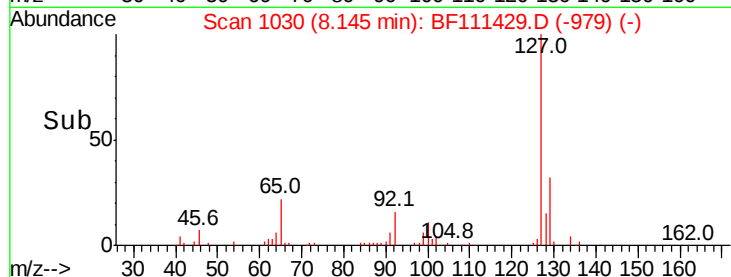
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.6	39.8
65	28.2	25.7	38.5
92	16.5	15.4	23.2

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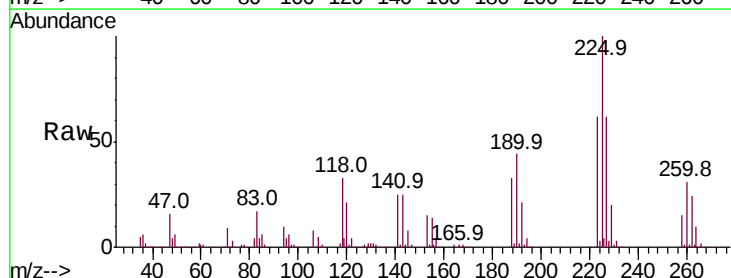


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

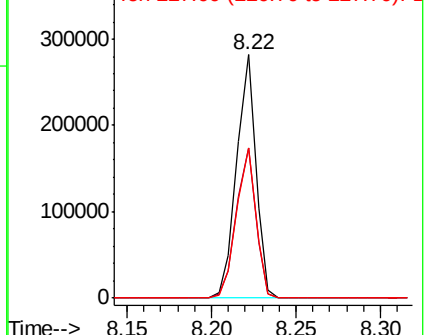
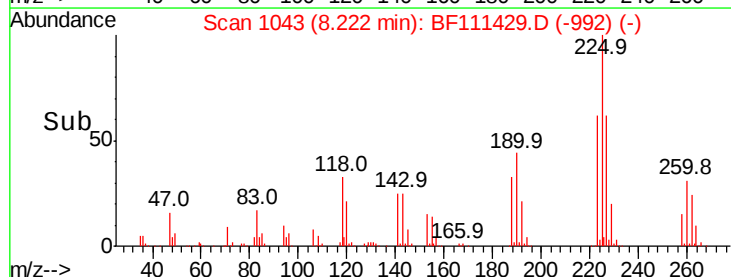


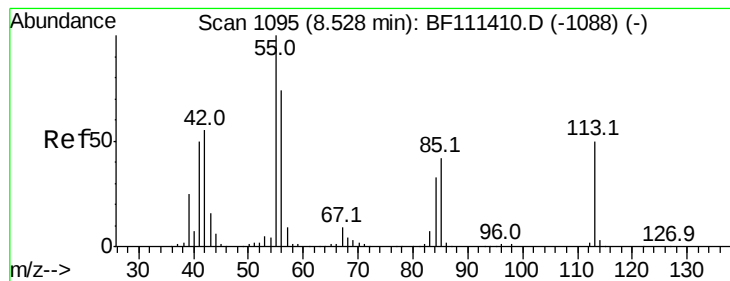
#34
Hexachlorobutadiene
Concen: 37.287 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.7	76.1
227	61.8	52.6	78.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.966 ng/ml

RT: 8.52 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Instrument :

BNA_F

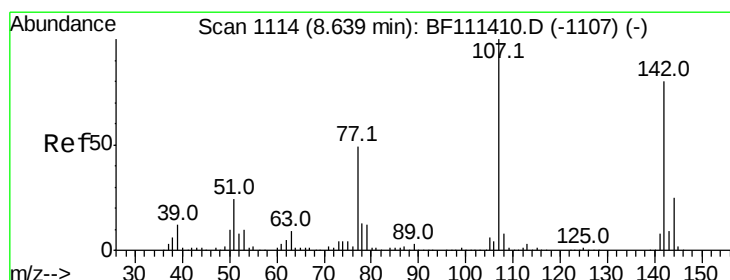
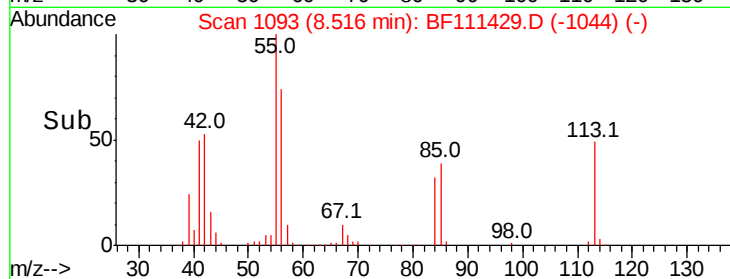
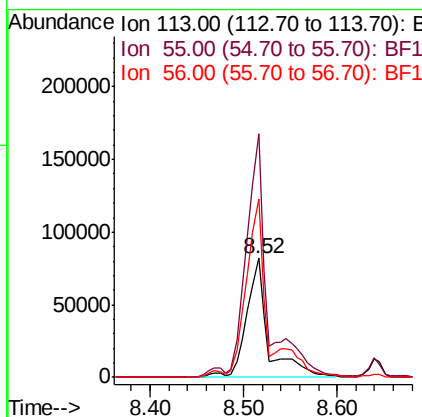
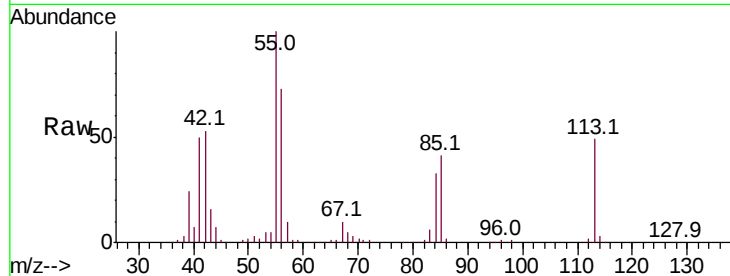
ClientSampleID :

SB-06AMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	204.6	184.1	224.1
56	150.0	126.0	166.0

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#36

4-Chloro-3-methylphenol

Concen: 37.700 ng/ml

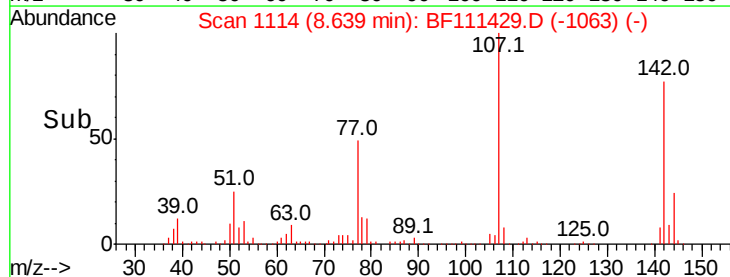
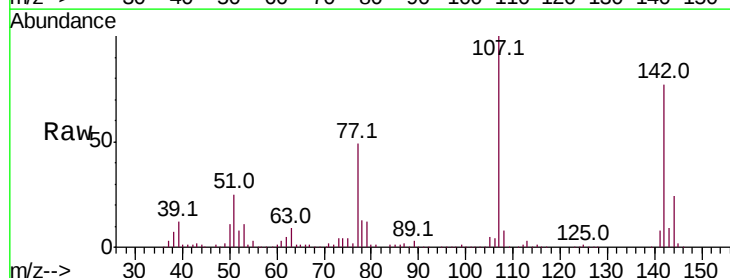
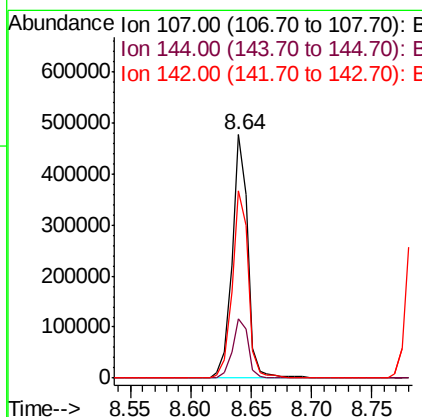
RT: 8.64 min Scan# 1114

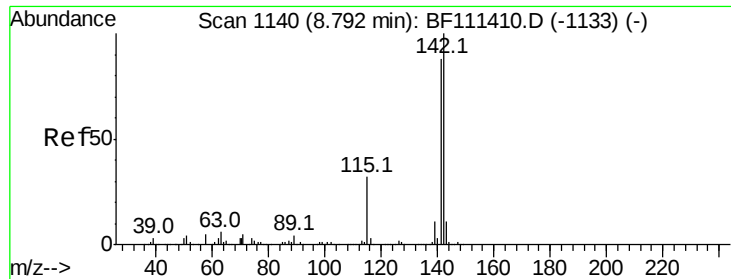
Delta R.T. 0.00 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	19.8	29.6
142	76.9	62.3	93.5





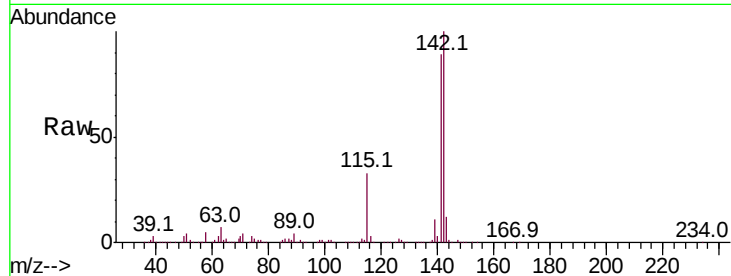
#37
2-Methylnaphthalene
Concen: 40.024 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Instrument :
BNA_F
ClientSampleId :
SB-06AMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	960047		
141	88.9		70.6	105.8
115	32.6		27.0	40.6

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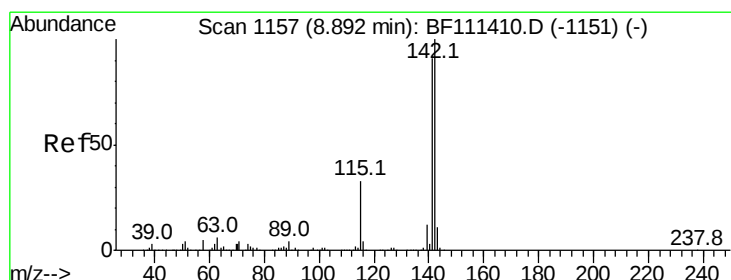
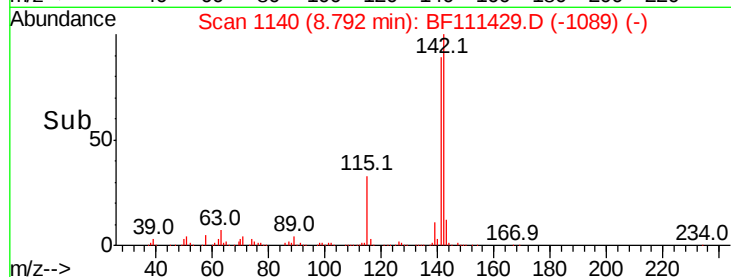
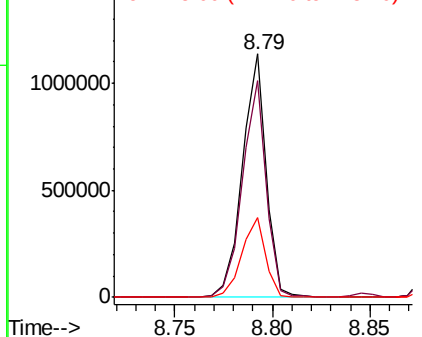


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.188 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

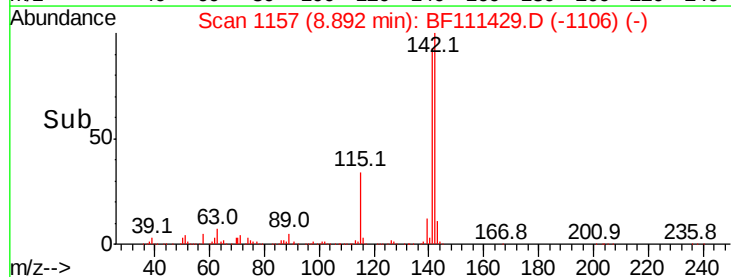
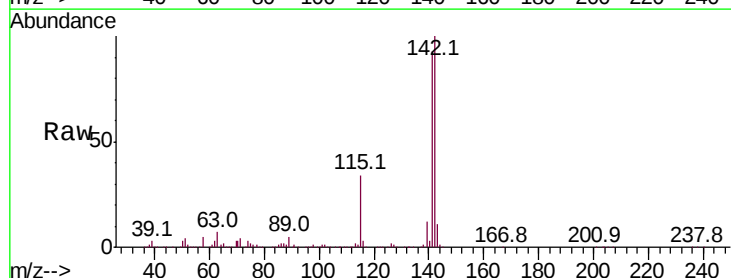
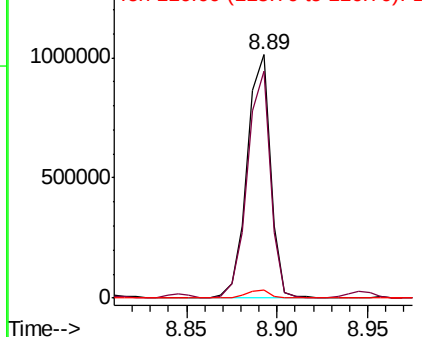
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	908114		
141	93.0		74.2	111.4
116	3.4		2.9	4.3

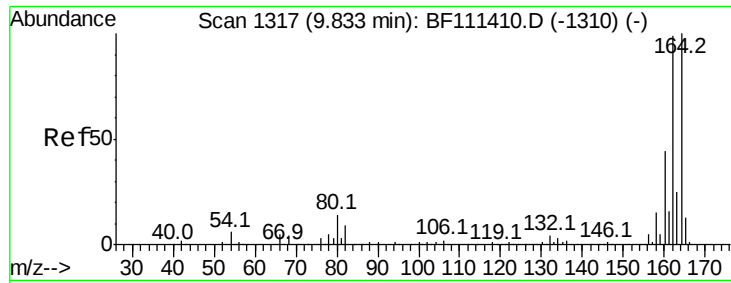
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





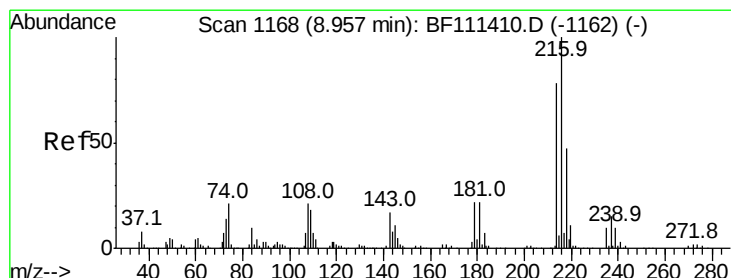
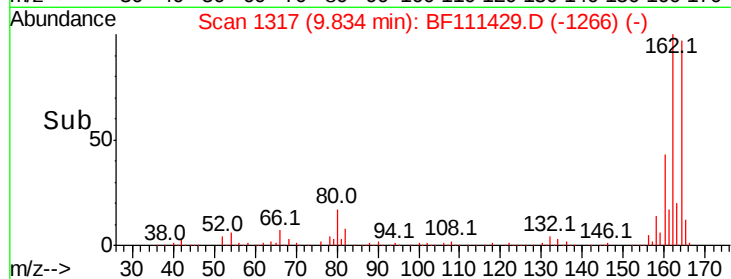
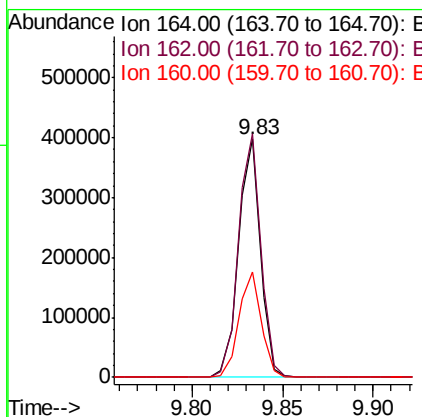
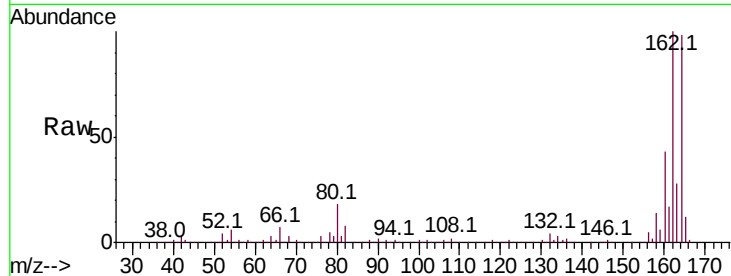
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Instrument :
BNA_F
ClientSampleId :
SB-06AMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	81.4	122.0	
160	44.3	35.7	53.5	

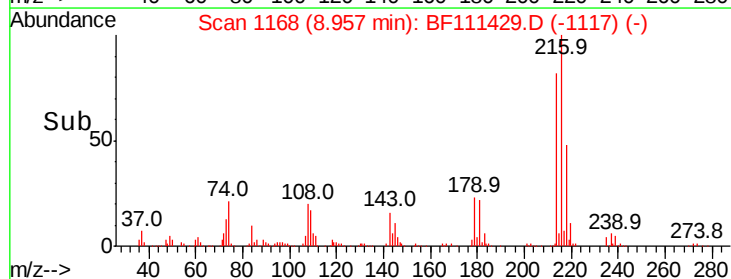
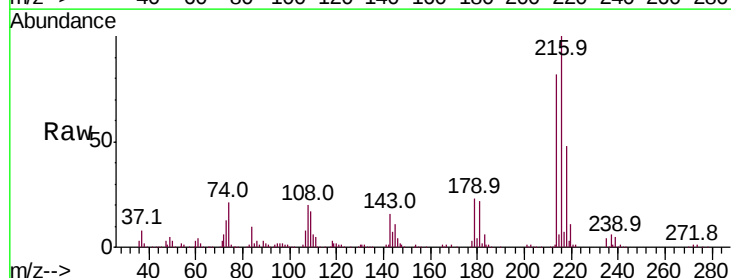
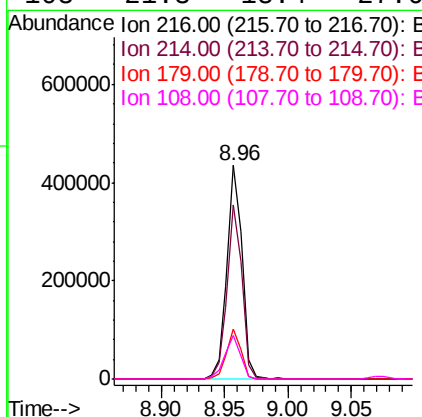
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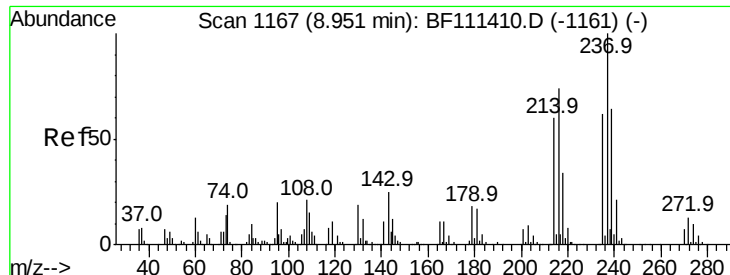
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.499 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	63.8	95.8	
179	22.4	17.9	26.9	
108	21.3	18.4	27.6	





#41

Hexachlorocyclopentadiene

Concen: 35.185 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Instrument :

BNA_F

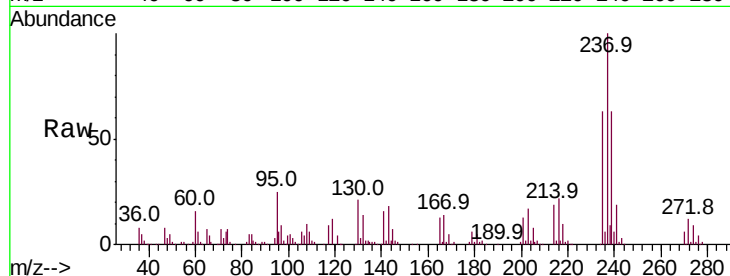
ClientSampleId :

SB-06AMS

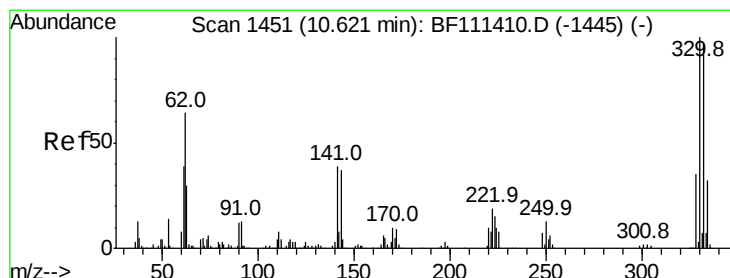
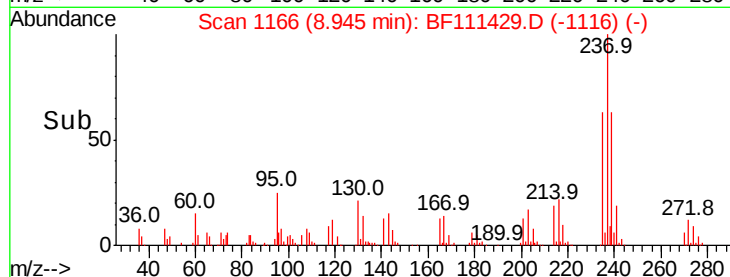
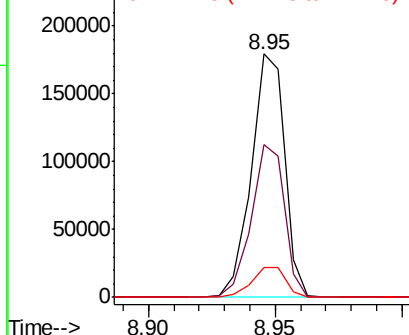
Tot Ion:	237	Resp:	165321
Ion Ratio		Lower	Upper
237	100		
235	62.9	43.1	83.1
272	12.2	0.0	33.0

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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: 99.983 ng

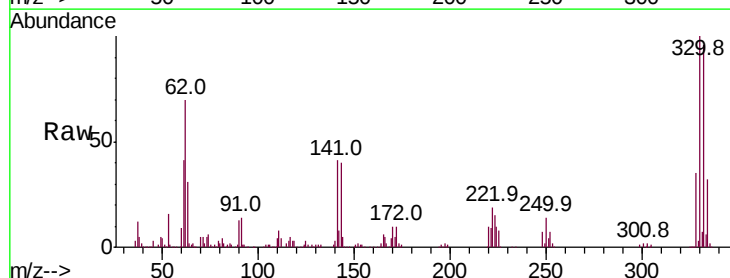
RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

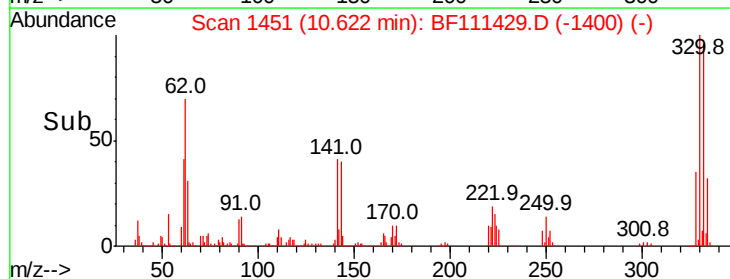
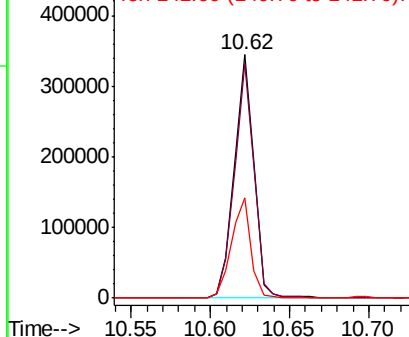
Lab File: BF111429.D

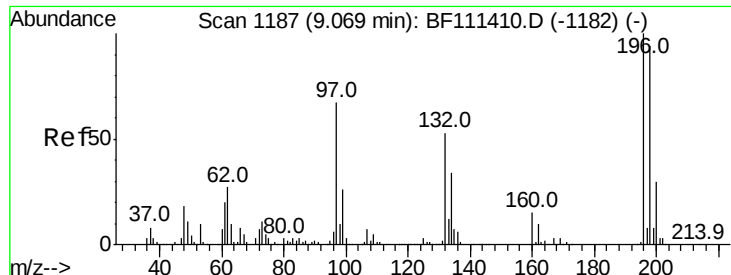
Acq: 14 Dec 2018 20:02

Tgt Ion:	330	Resp:	298883
Ion Ratio		Lower	Upper
330	100		
332	96.4	76.0	114.0
141	40.8	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





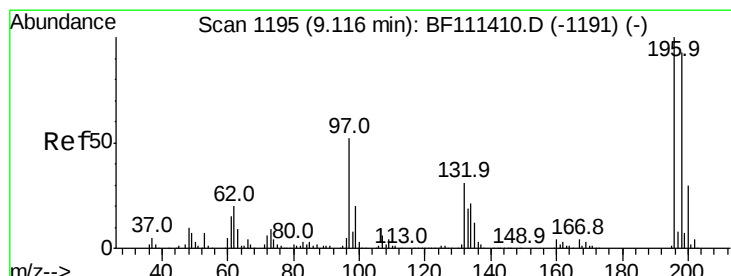
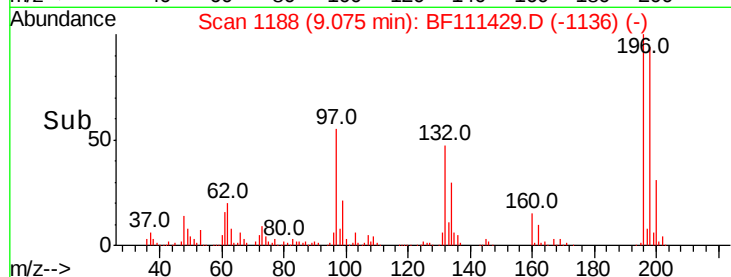
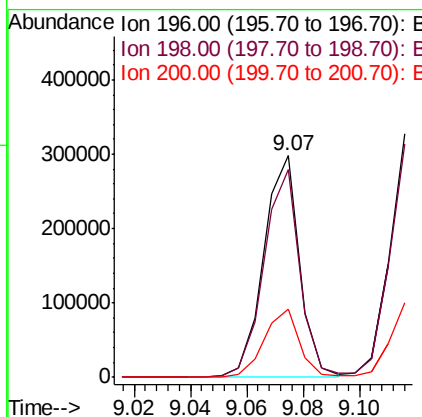
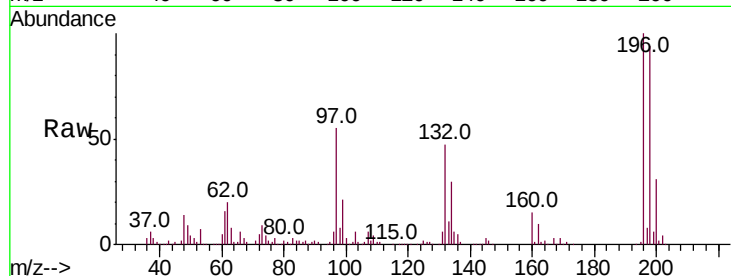
#43
2,4,6-Trichlorophenol
Concen: 40.466 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Instrument :
BNA_F
ClientSampleId :
SB-06AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	262108		
198	93.5	76.3	114.5	
200	30.8	24.9	37.3	

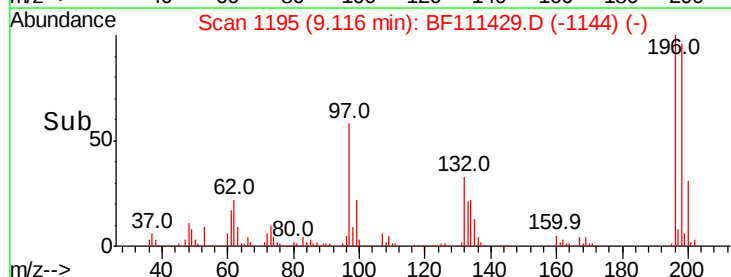
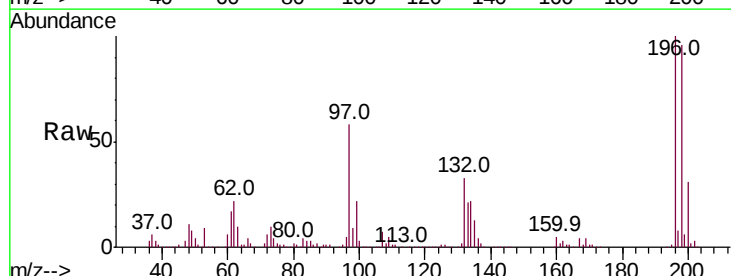
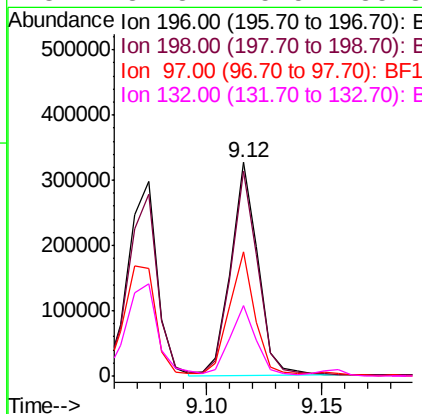
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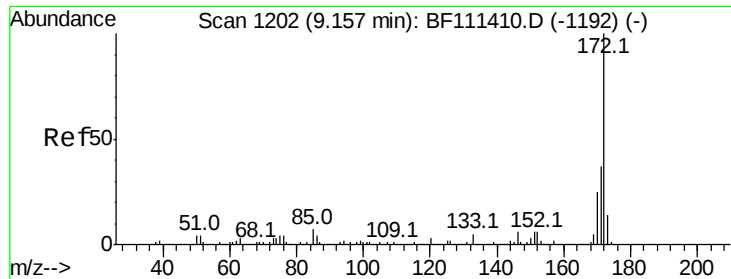
Sohil
12/17/2018 2:36:42 PM



#44
2,4,5-Trichlorophenol
Concen: 38.999 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	268800		
198	95.8	72.9	109.3	
97	58.0	45.3	67.9	
132	32.8	25.5	38.3	





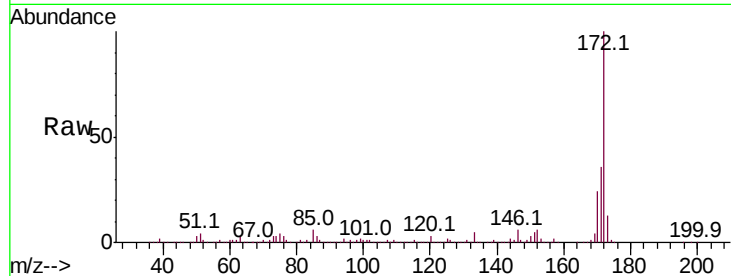
#45
2-Fluorobiphenyl
Concen: 79.316 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Instrument :
BNA_F
ClientSampleId :
SB-06AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	33.0	49.4
170	24.1	22.3	33.5

Manual Integrations
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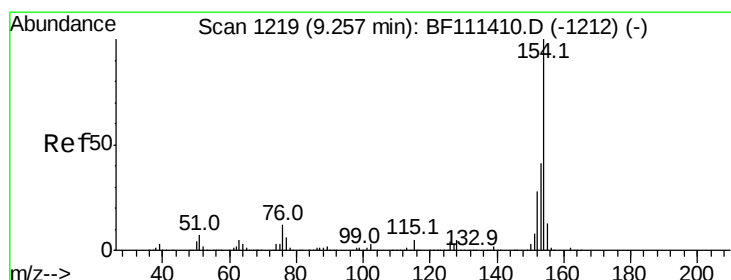
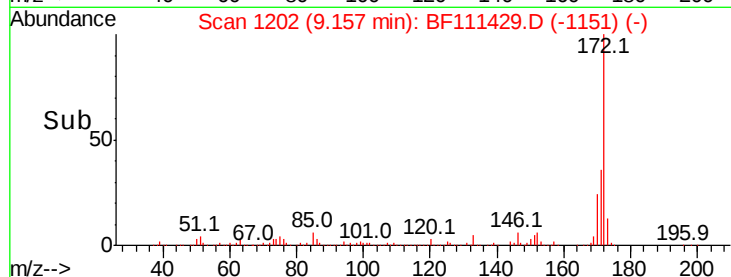
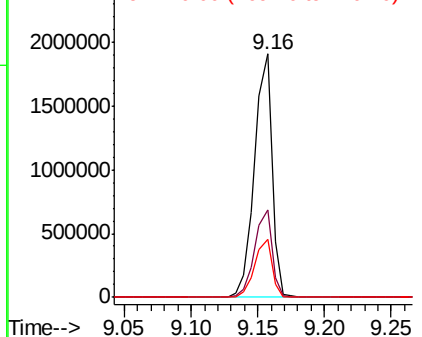


Abundance

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: 38.555 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

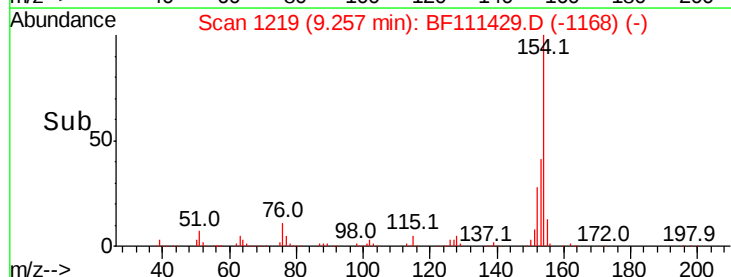
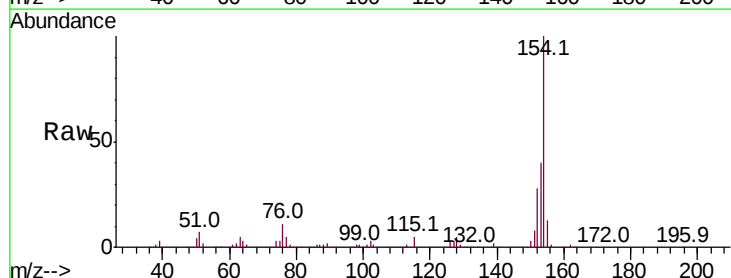
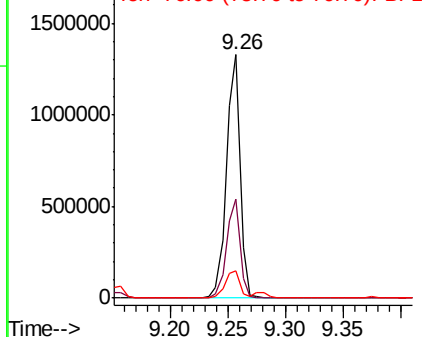
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	23.7	63.7
76	11.0	0.0	35.0

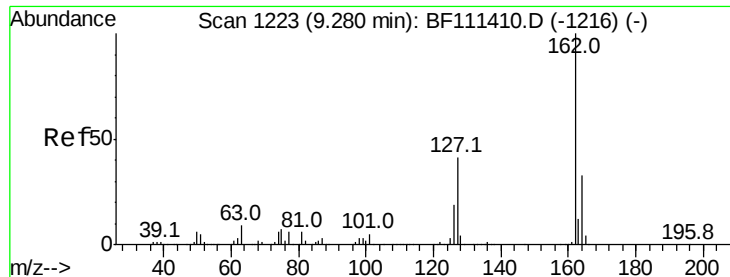
Abundance

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





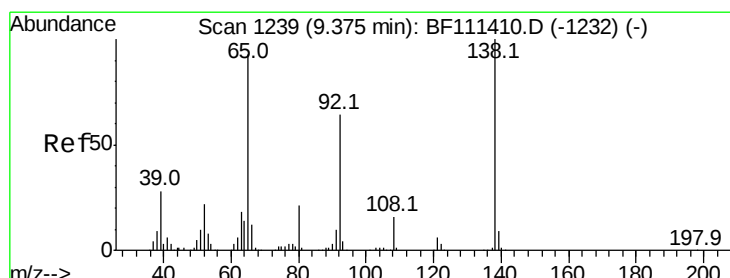
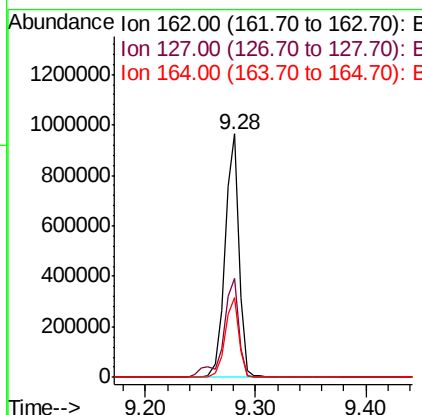
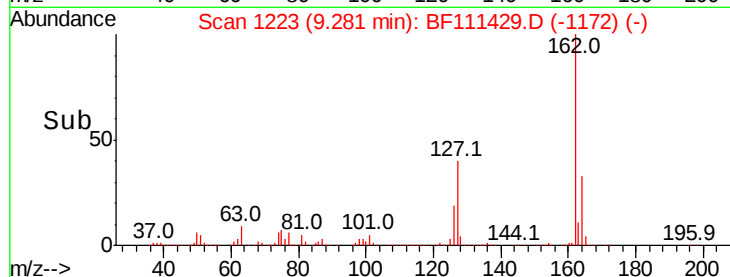
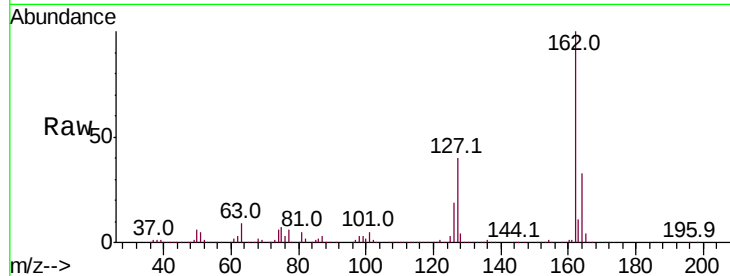
#47
 2-Chloronaphthalene
 Concen: 39.687 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF111429.D
 Acq: 14 Dec 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-06AMS

Tot Ion:	162	Resp:	852999
Ion Ratio	Lower	Upper	
162	100		
127	40.5	35.0	52.4
164	32.7	28.4	42.6

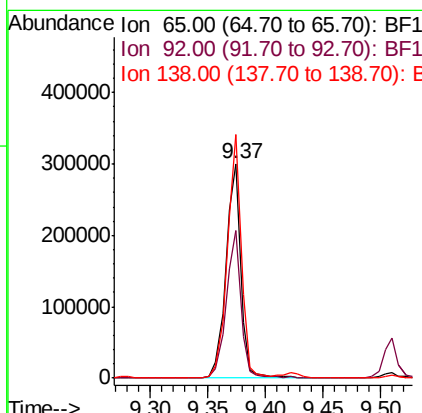
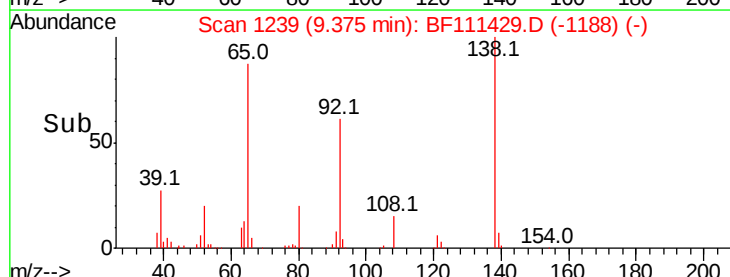
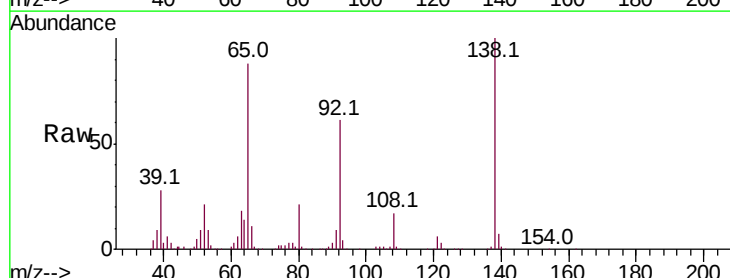
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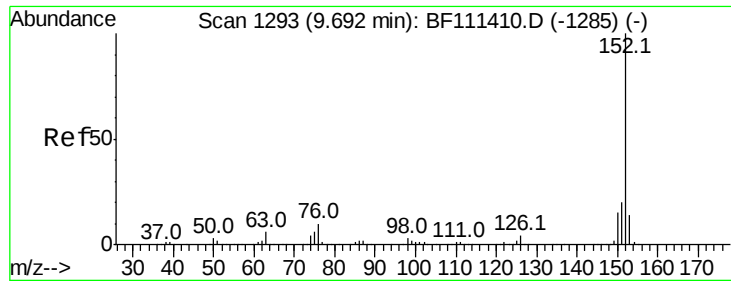
Sohil
 12/17/2018 2:36:42 PM



#48
 2-Nitroaniline
 Concen: 38.693 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF111429.D
 Acq: 14 Dec 2018 20:02

Tgt Ion:	65	Resp:	270023
Ion Ratio	Lower	Upper	
65	100		
92	68.9	53.5	80.3
138	113.7	80.9	121.3





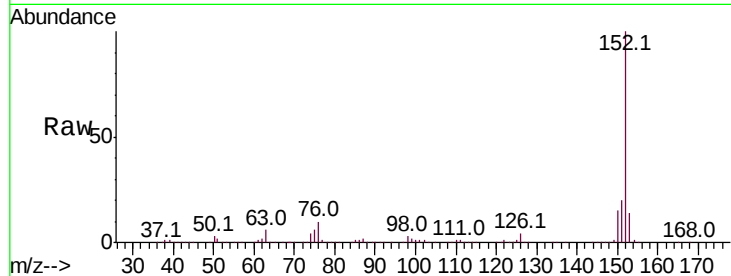
#49
Acenaphthylene
Concen: 42.060 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Instrument :
BNA_F
ClientSampleId :
SB-06AMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	18.0	27.0
153	13.9	12.3	18.5

Manual Integrations
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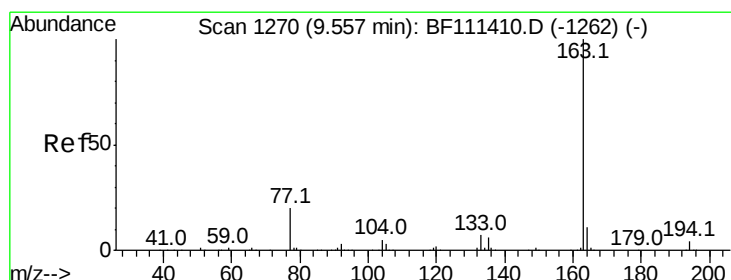
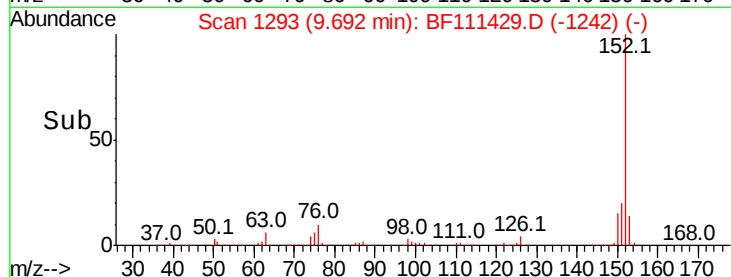
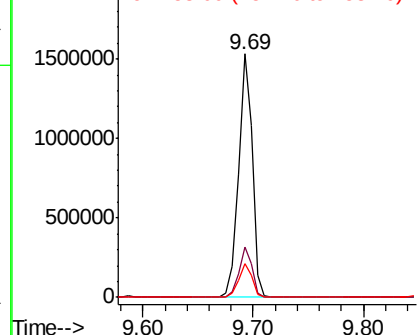


Abundance

Ion 152.00 (151.70 to 152.70): E

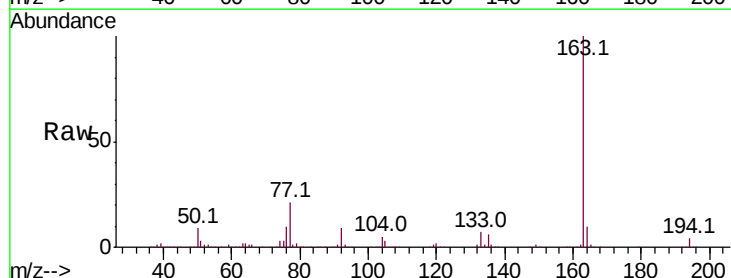
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 50.141 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.1	8.9	13.3

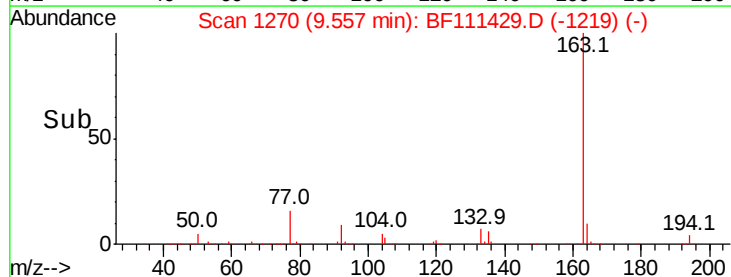
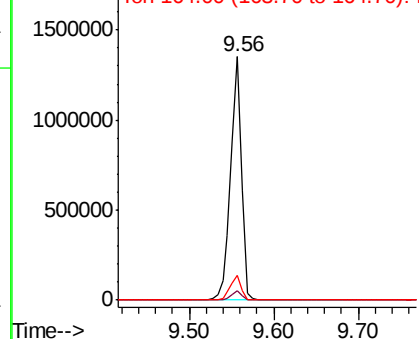


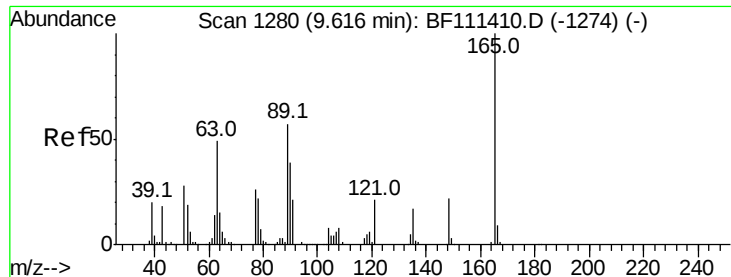
Abundance

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: 37.865 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Instrument :

BNA_F

ClientSampled :

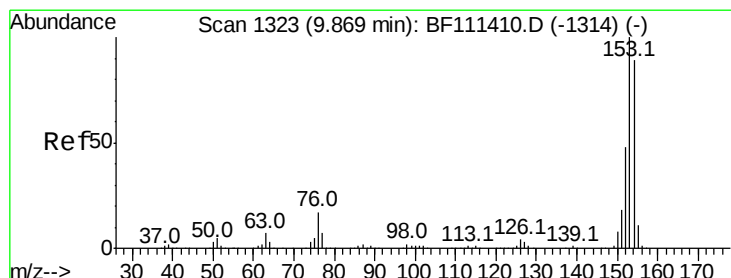
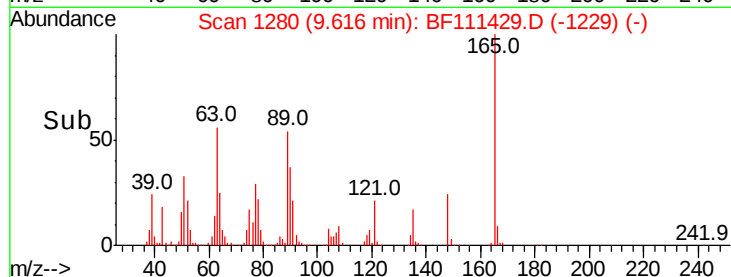
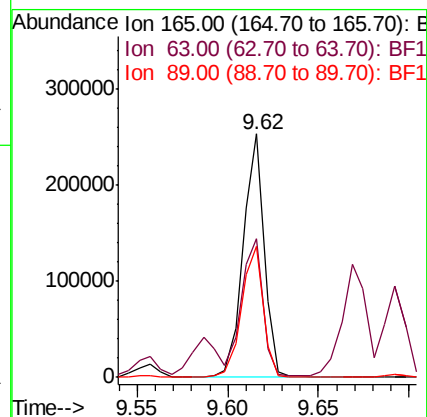
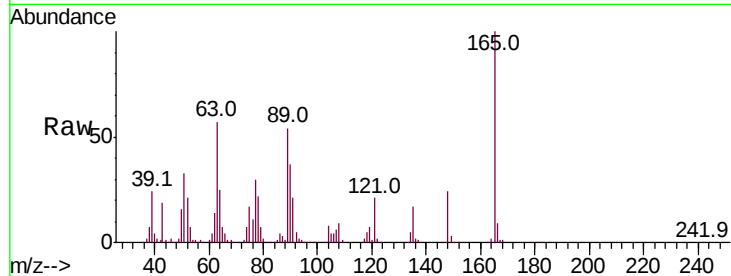
SB-06AMS

Tot Ion:165 Resp: 204838
Ion Ratio Lower Upper

165	100		
63	56.7	40.5	60.7
89	53.8	40.0	60.0

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#52

Acenaphthene

Concen: 39.441 ng

RT: 9.87 min Scan# 1323

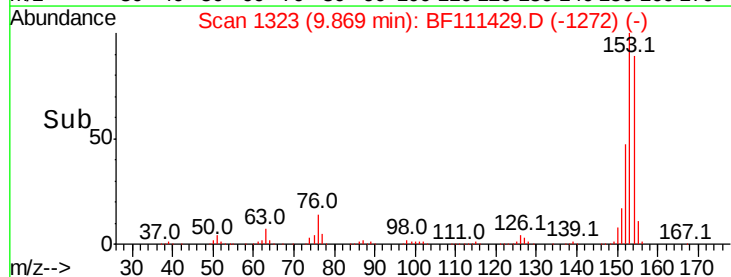
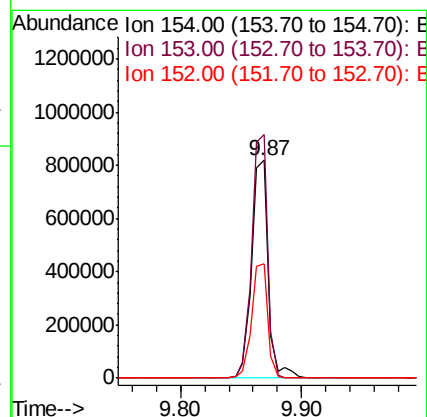
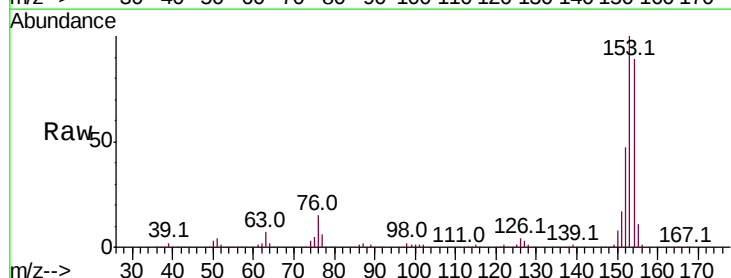
Delta R.T. 0.00 min

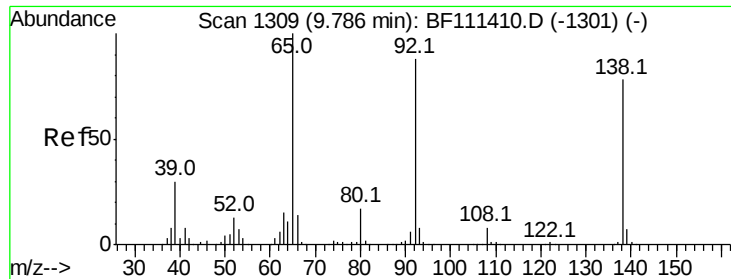
Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Tgt Ion:154 Resp: 795297
Ion Ratio Lower Upper

154	100		
153	111.8	87.8	131.8
152	52.6	43.4	65.2





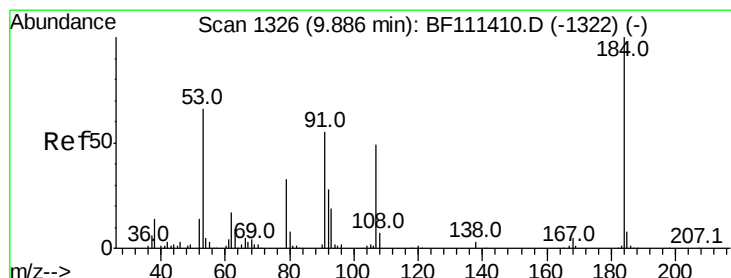
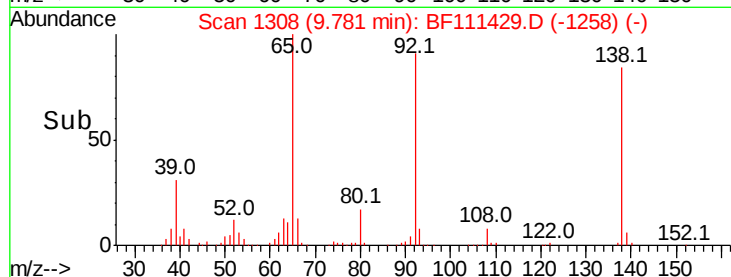
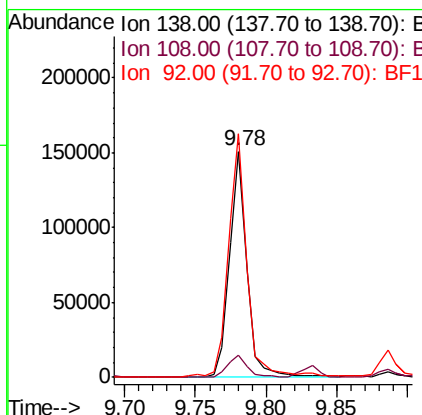
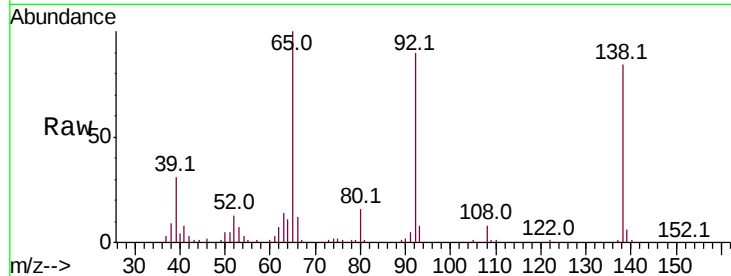
#53
 3-Nitroaniline
 Concen: 19.878 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF111429.D
 Acq: 14 Dec 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-06AMS

Tot Ion:	138	Resp:	130615
Ion Ratio	Lower	Upper	
138	100		
108	9.9	8.2	12.4
92	107.8	93.4	140.2

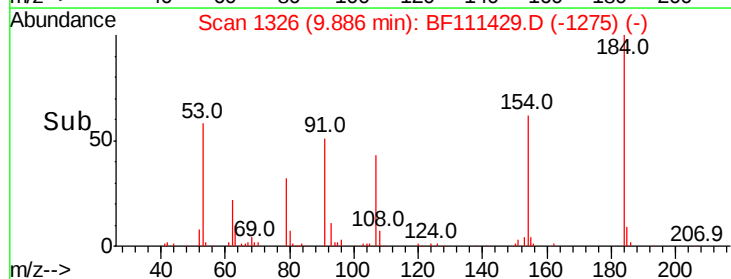
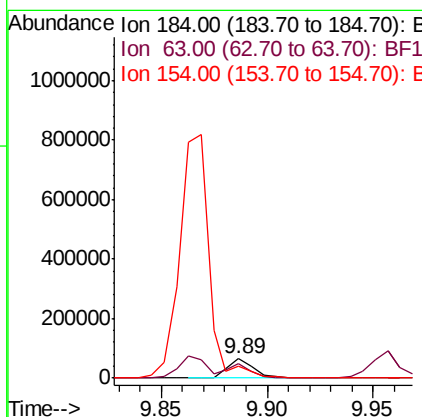
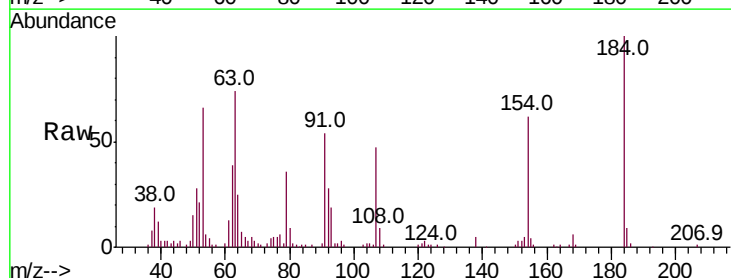
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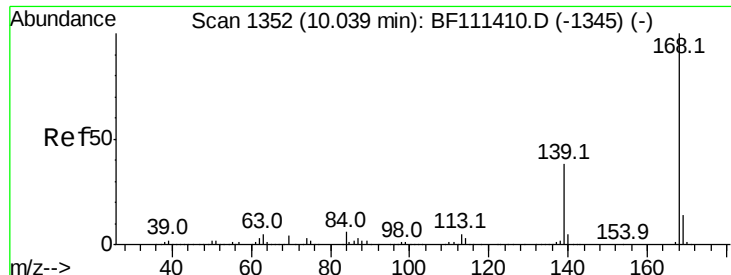
Sohil
 12/17/2018 2:36:42 PM



#54
 2,4-Dinitrophenol
 Concen: 27.098 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF111429.D
 Acq: 14 Dec 2018 20:02

Tgt Ion:	184	Resp:	55771
Ion Ratio	Lower	Upper	
184	100		
63	74.0	62.3	93.5
154	62.5	56.2	84.2





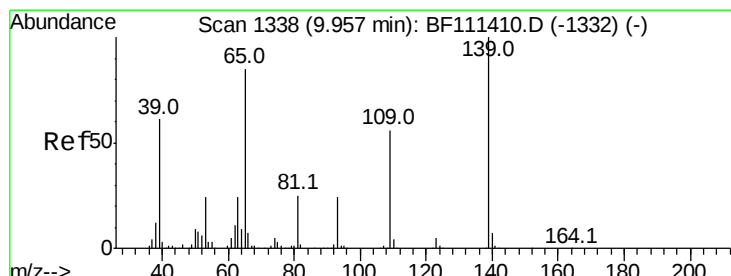
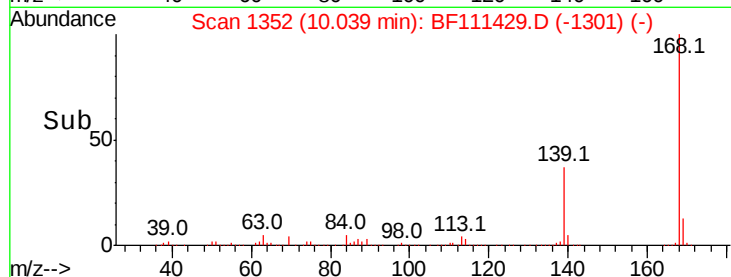
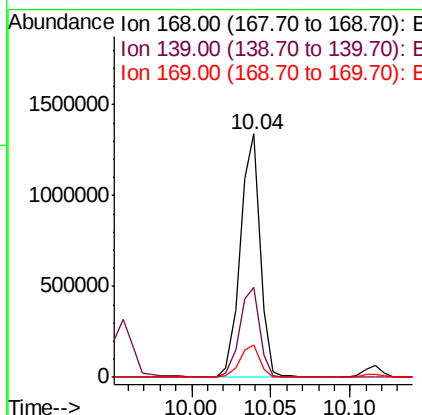
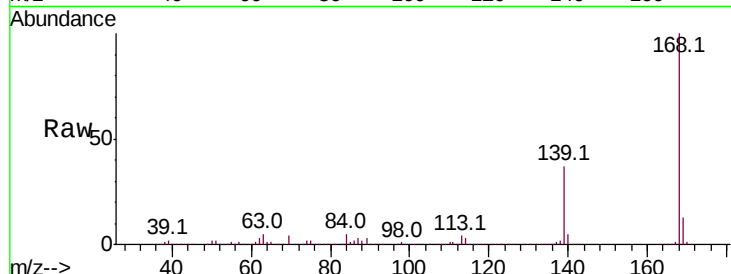
#55
Dibenzenofuran
Concen: 39.665 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Instrument :
BNA_F
ClientSampleId :
SB-06AMS

Tot Ion:168 Resp: 1160972
Ion Ratio Lower Upper
168 100
139 36.9 32.6 49.0
169 13.5 11.8 17.6

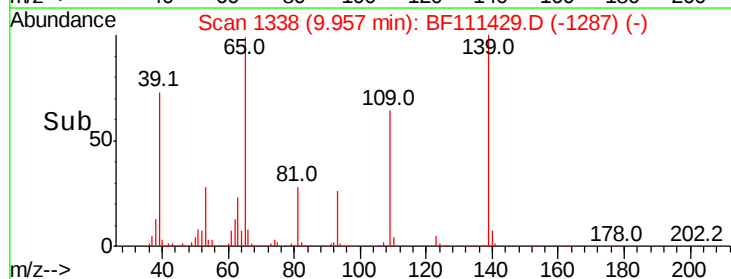
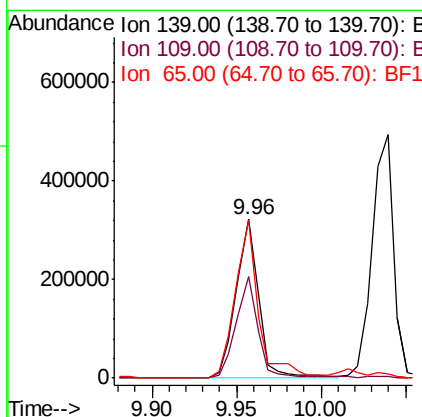
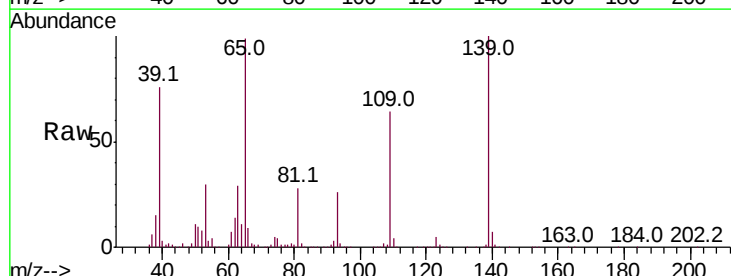
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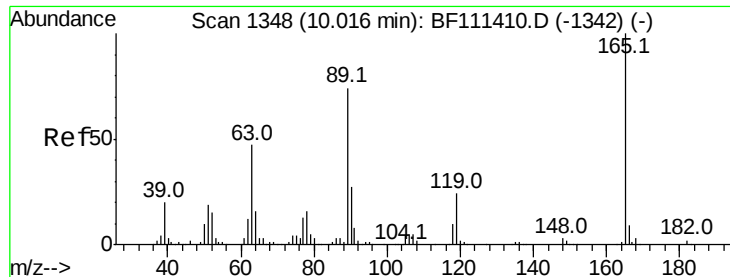
Sohil
12/17/2018 2:36:42 PM



#56
4-Nitrophenol
Concen: 66.319 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Tgt Ion:139 Resp: 301571
Ion Ratio Lower Upper
139 100
109 63.8 41.8 81.8
65 99.4 79.6 119.6





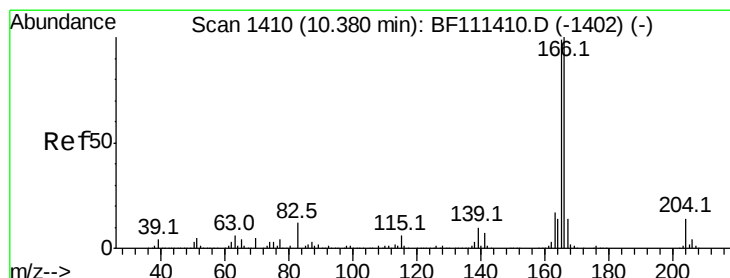
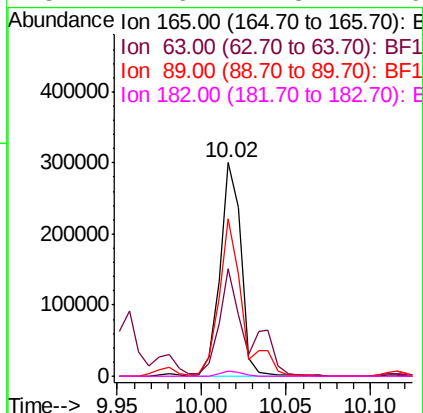
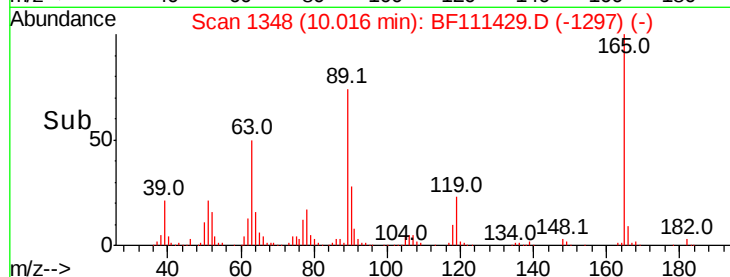
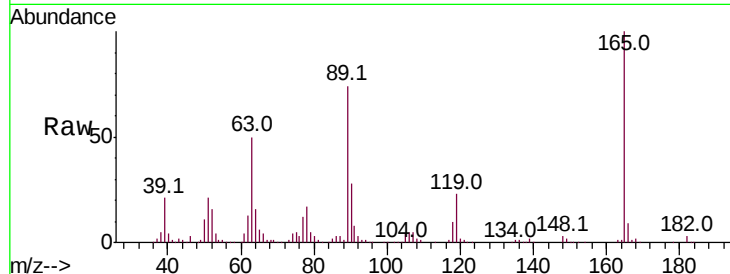
#57
2,4-Dinitrotoluene
Concen: 36.592 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Instrument :
BNA_F
ClientSampleId :
SB-06AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	259811		
63	50.1	34.6	52.0	
89	73.8	56.2	84.4	
182	2.6	1.8	2.6	

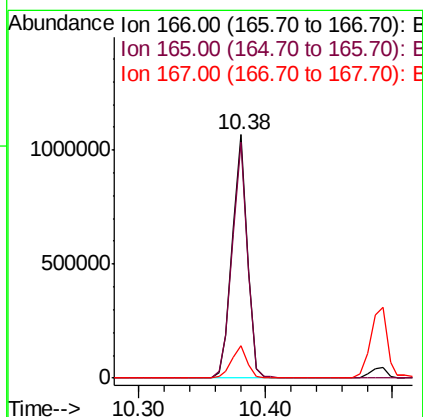
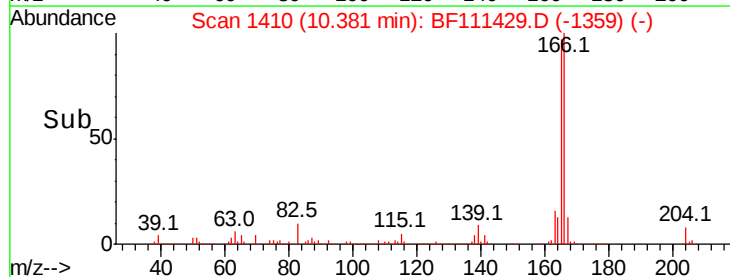
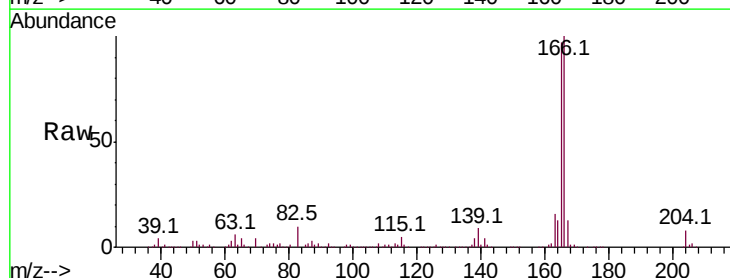
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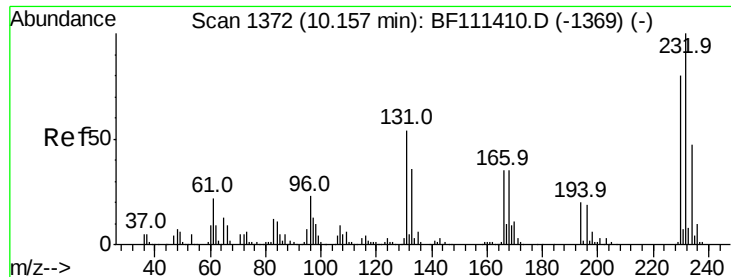
Sohil
12/17/2018 2:36:42 PM



#58
Fluorene
Concen: 41.133 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	873250		
165	97.1	78.4	117.6	
167	13.3	11.2	16.8	





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.373 ng

RT: 10.16 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Instrument :

BNA_F

ClientSampled :

SB-06AMS

Tot Ion:232 Resp: 201261

Ion Ratio Lower Upper

232 100

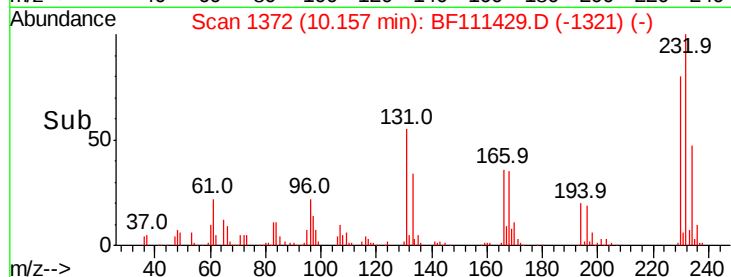
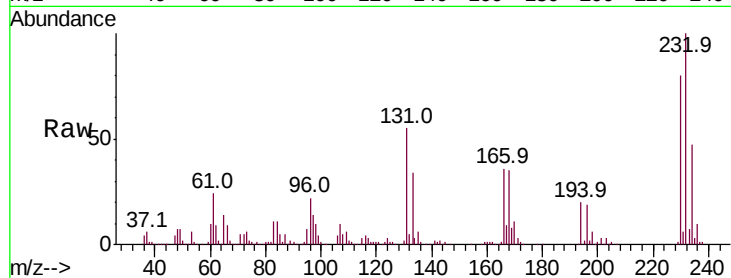
131 51.3 40.9 61.3

130 2.3 2.0 3.0

166 33.9 26.8 40.2

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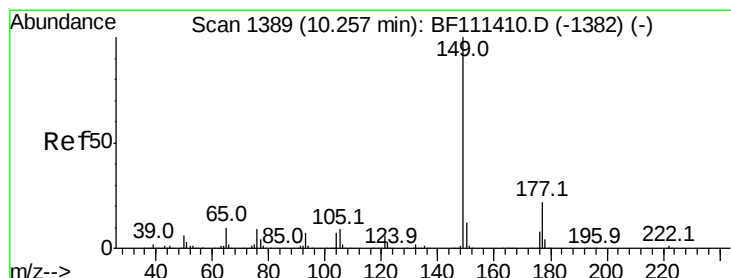
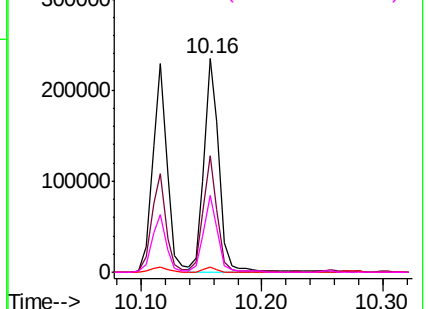


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.389 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

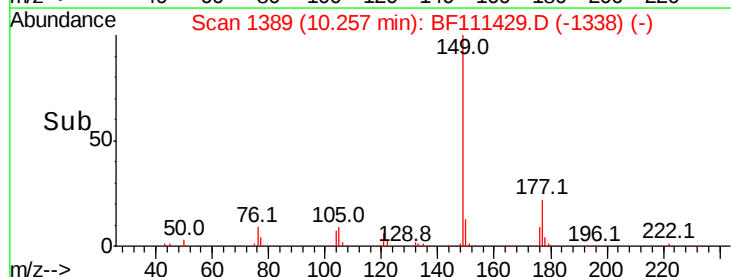
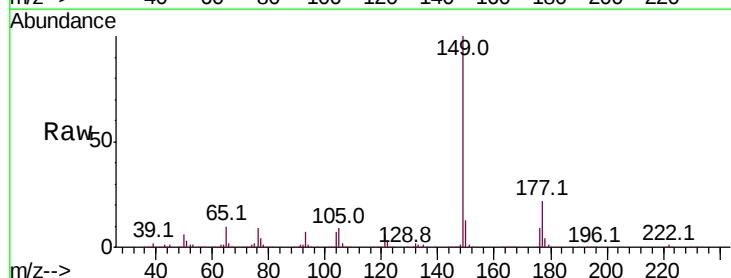
Tgt Ion:149 Resp: 958892

Ion Ratio Lower Upper

149 100

177 22.3 18.3 27.5

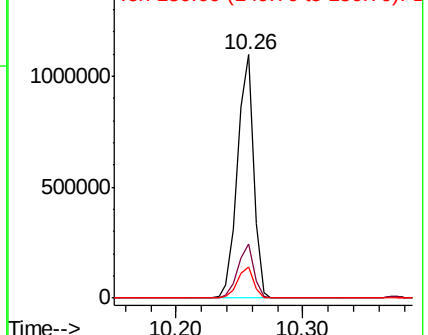
150 12.9 10.6 15.8

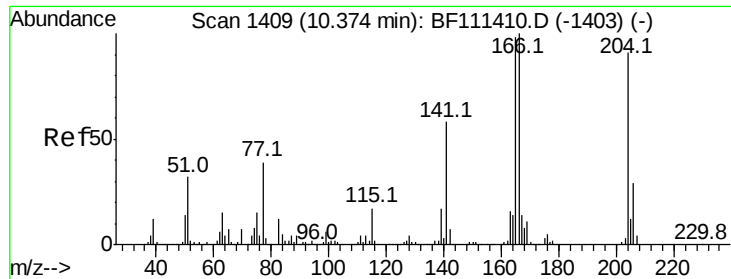


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





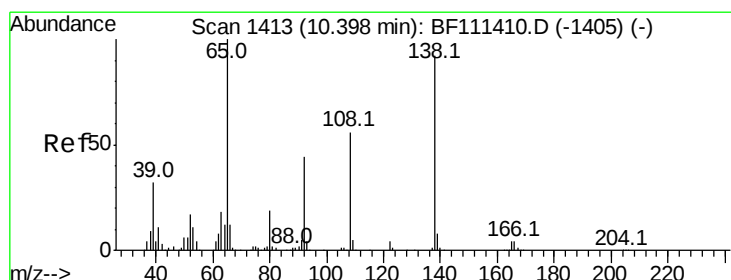
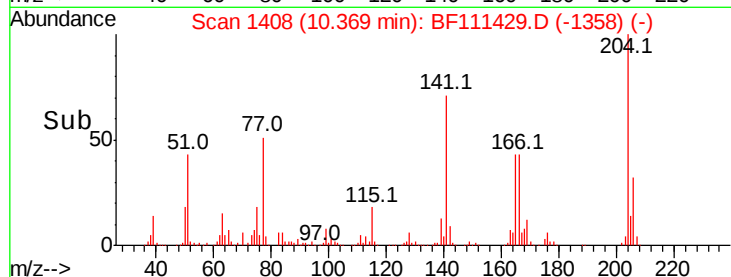
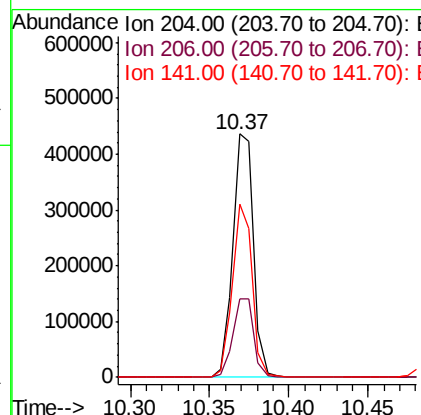
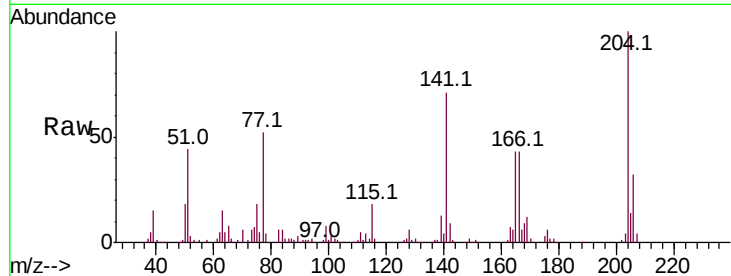
#61
 4-Chlorophenyl-phenylether
 Concen: 37.867 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF111429.D
 Acq: 14 Dec 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-06AMS

Tot Ion:	204	Resp:	393315
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.6	39.8
141	70.9	52.6	78.8

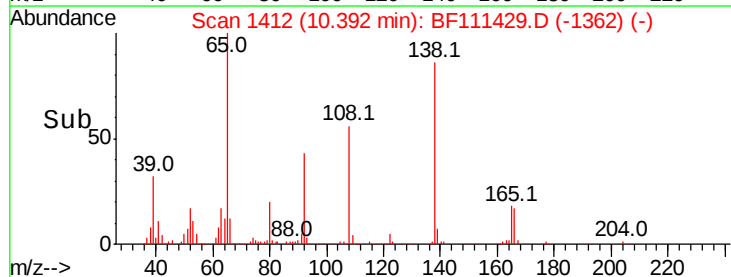
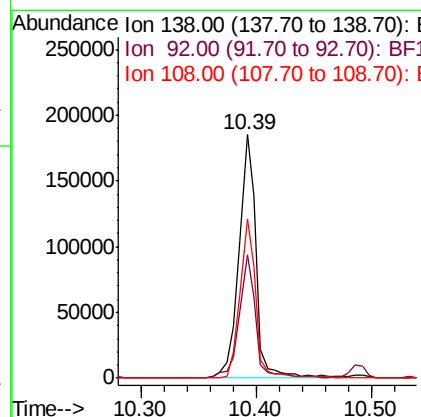
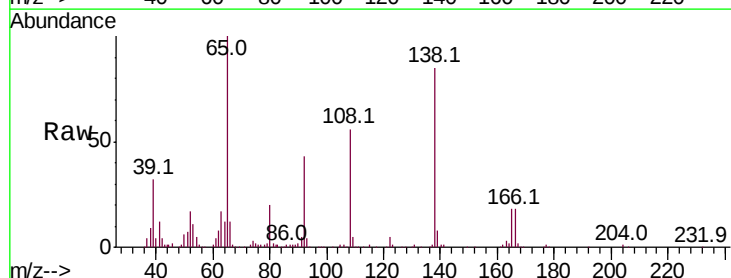
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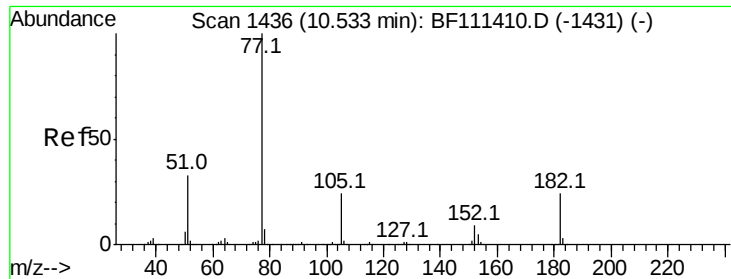
Sohil
 12/17/2018 2:36:42 PM



#62
 4-Nitroaniline
 Concen: 29.396 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF111429.D
 Acq: 14 Dec 2018 20:02

Tgt Ion:	138	Resp:	191211
Ion Ratio	Lower	Upper	
138	100		
92	50.7	29.9	69.9
108	65.4	43.2	83.2





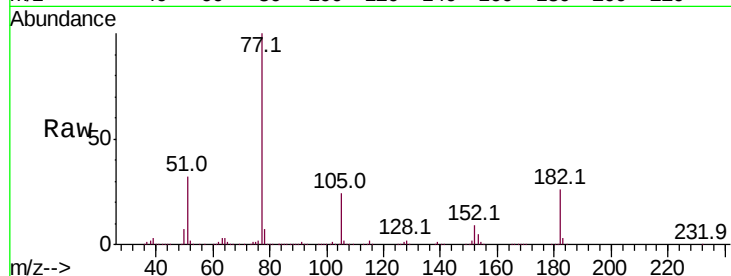
#63
Azobenzene
Concen: 38.050 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Instrument :
BNA_F
ClientSampleId :
SB-06AMS

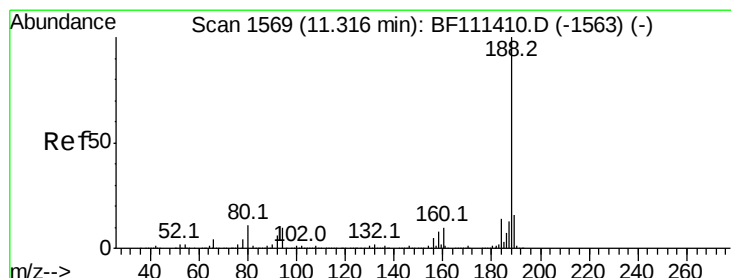
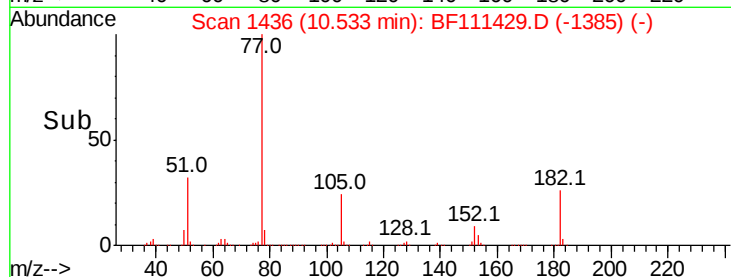
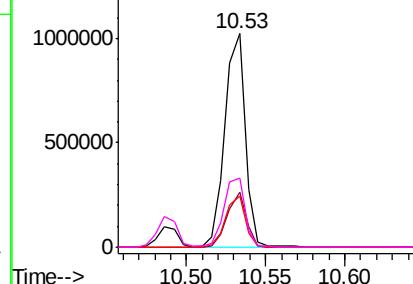
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.9	4.9	44.9	
105	24.0	6.0	46.0	
51	32.3	14.7	54.7	

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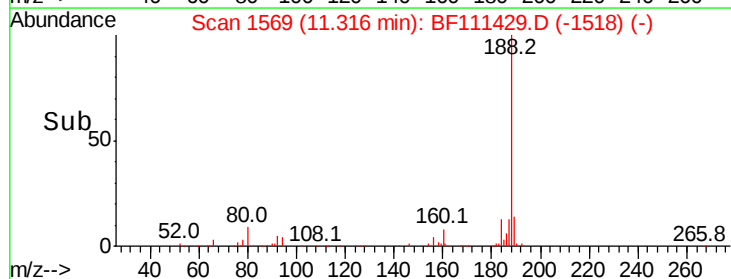
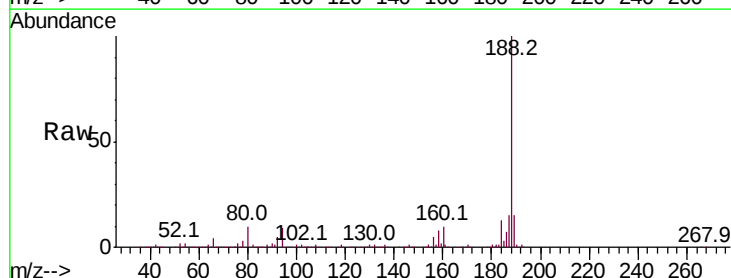
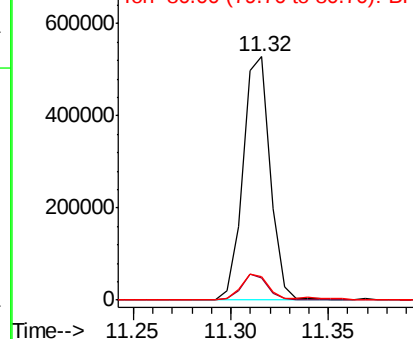
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

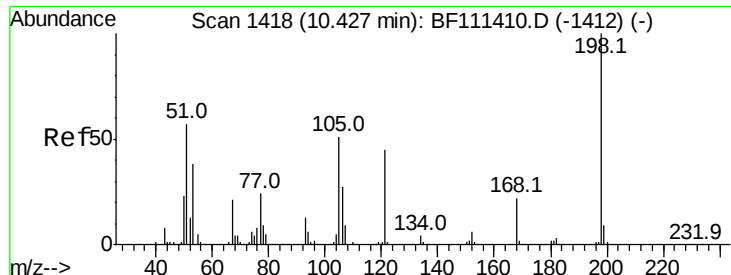


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.0	9.6	14.4#	
80	9.6	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





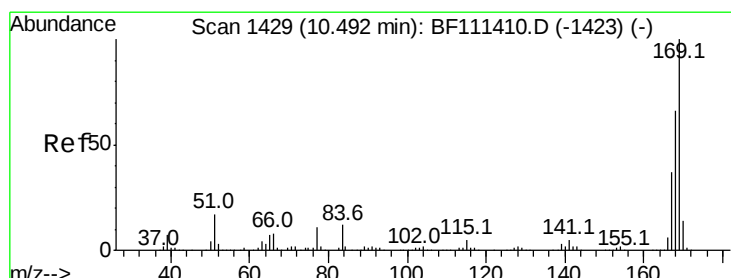
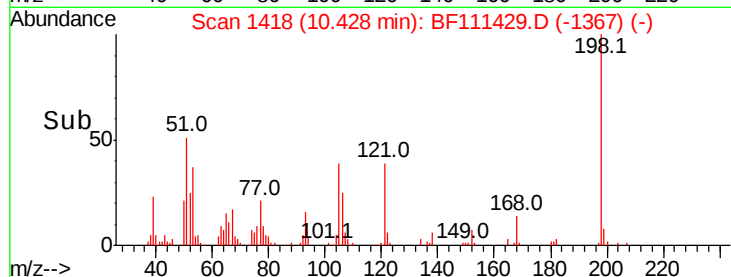
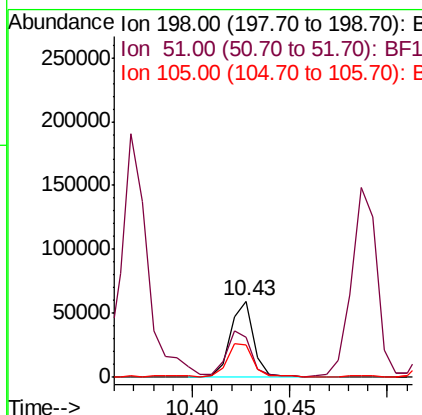
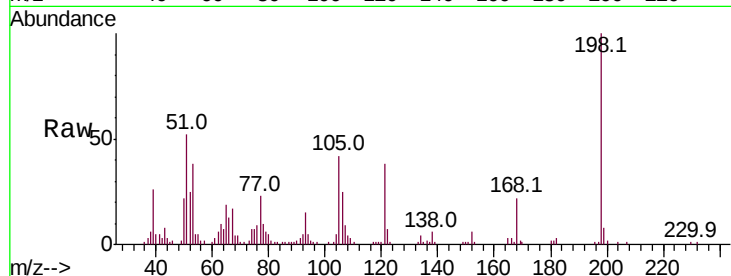
#65
4,6-Dinitro-2-methylphenol
Concen: 17.142 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Instrument :
BNA_F
ClientSampleId :
SB-06AMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	51.7	48.0	88.0
105	42.3	34.0	74.0

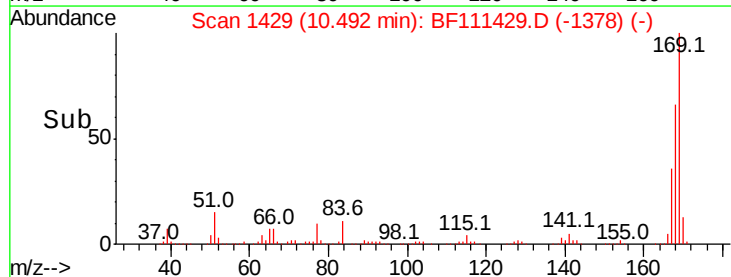
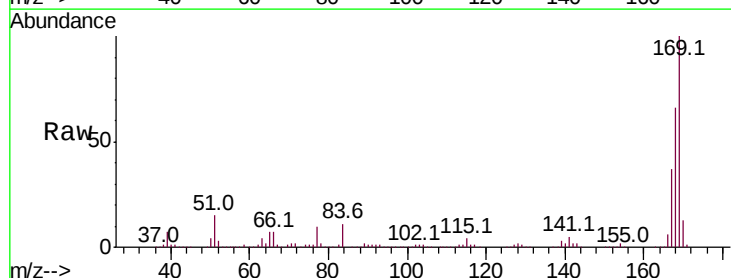
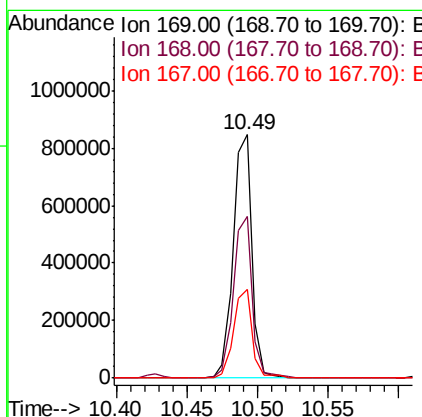
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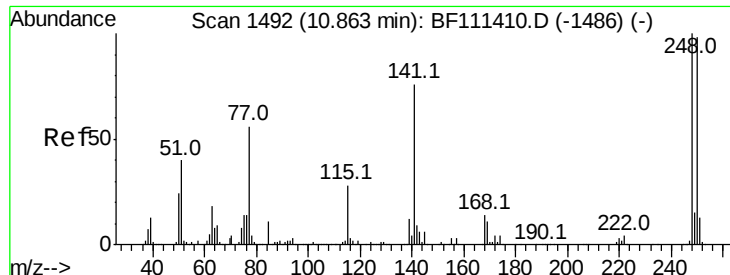
Sohil
12/17/2018 2:36:42 PM



#66
n-Nitrosodiphenylamine
Concen: 44.264 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	54.4	81.6
167	36.5	30.5	45.7





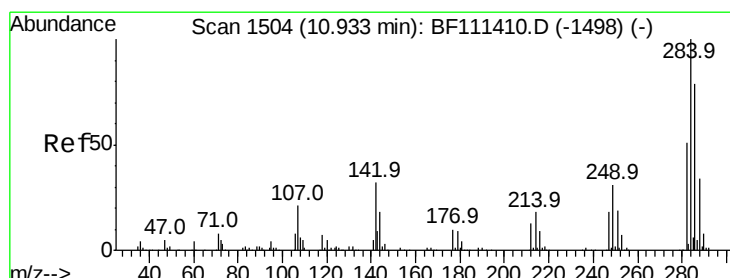
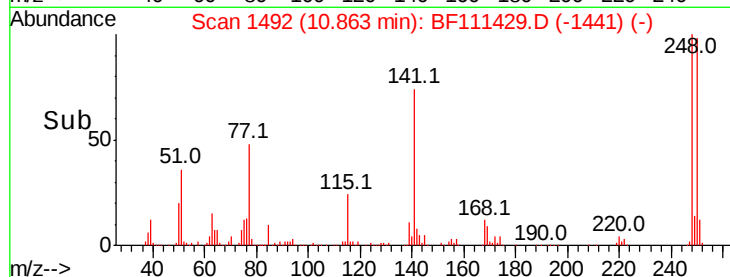
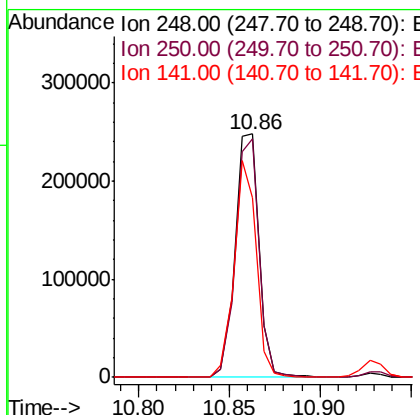
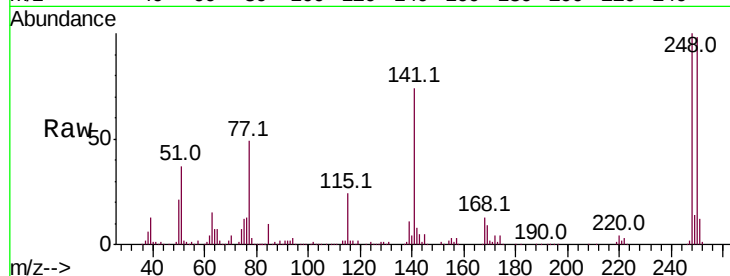
#67
 4-Bromophenyl-phenylether
 Concen: 41.500 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF111429.D
 Acq: 14 Dec 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-06AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.0	115.4
141	73.7	63.0	94.6

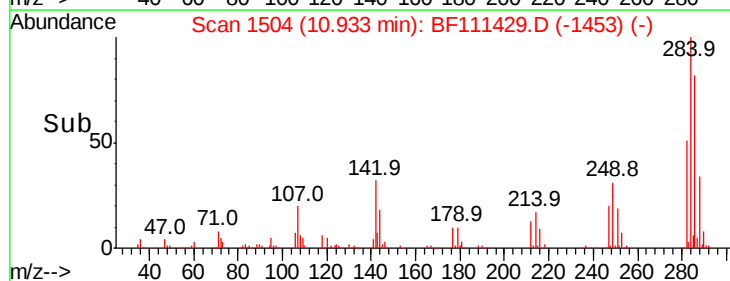
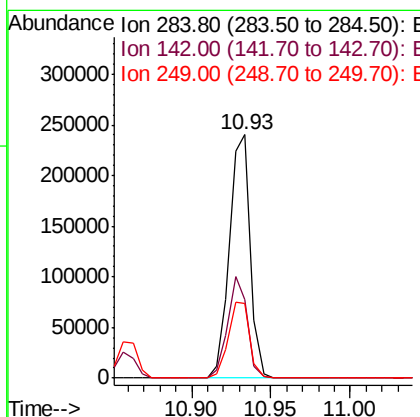
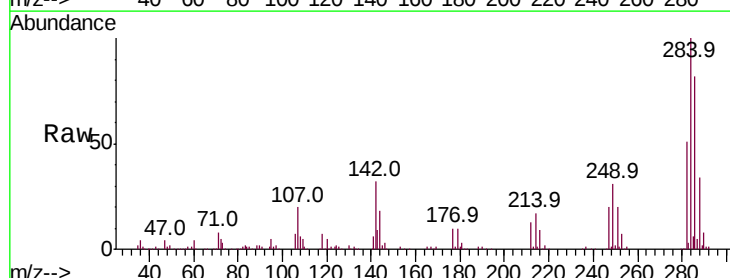
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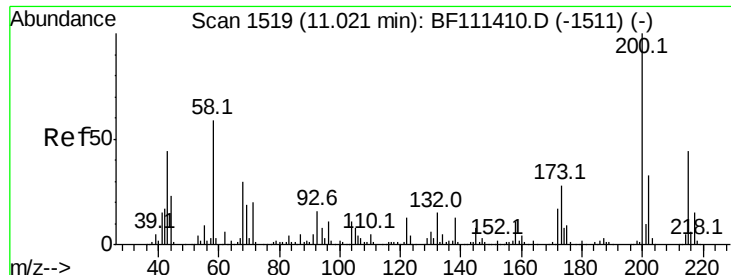
Sohil
 12/17/2018 2:36:42 PM



#68
 Hexachlorobenzene
 Concen: 38.469 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF111429.D
 Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	27.4	41.2
249	30.9	24.4	36.6





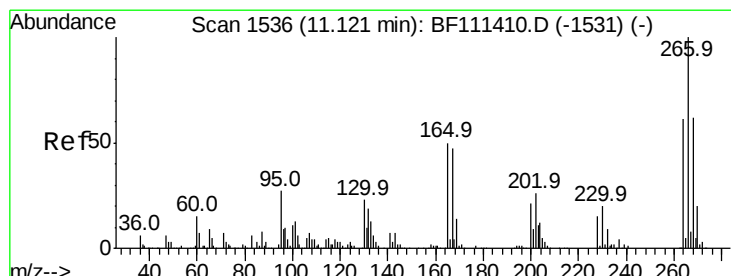
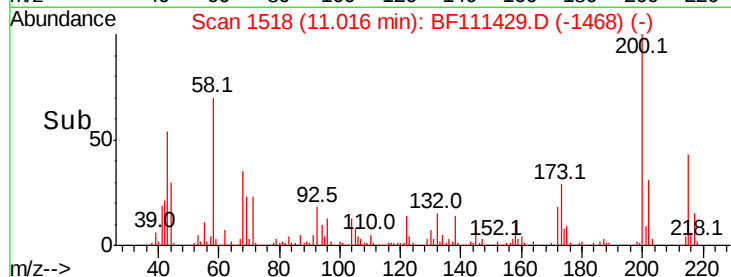
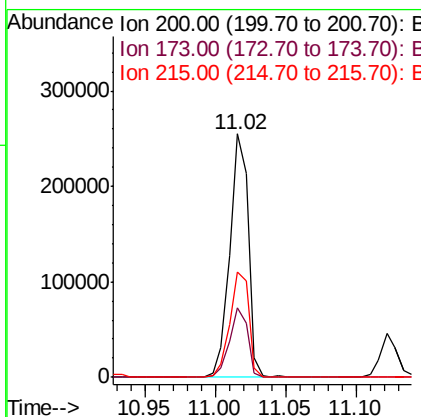
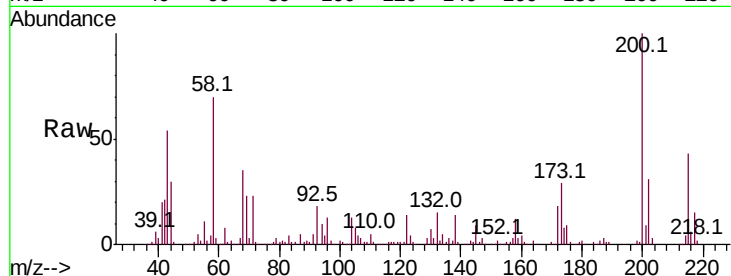
#69
Atrazine
Concen: 45.716 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Instrument :
BNA_F
ClientSampleId :
SB-06AMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	10.1	50.1
215	43.4	26.9	66.9

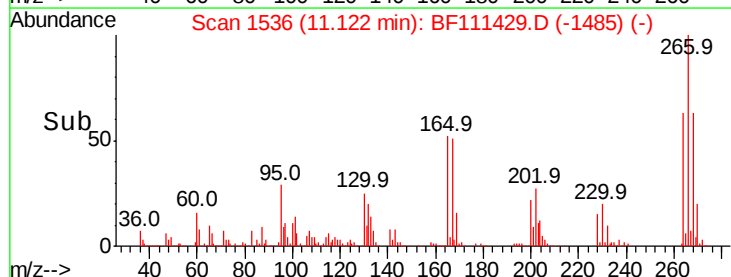
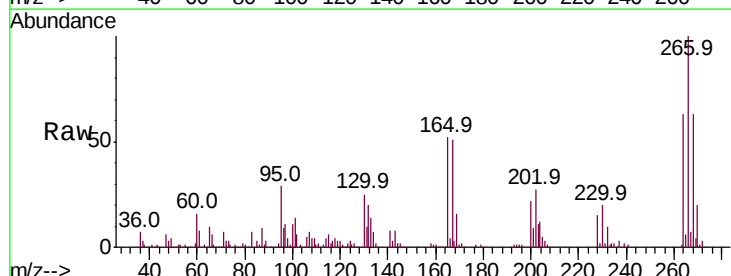
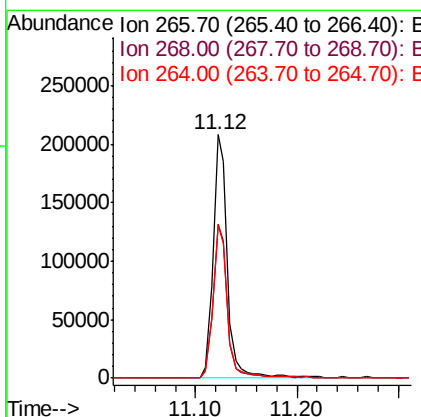
Manual Integrations
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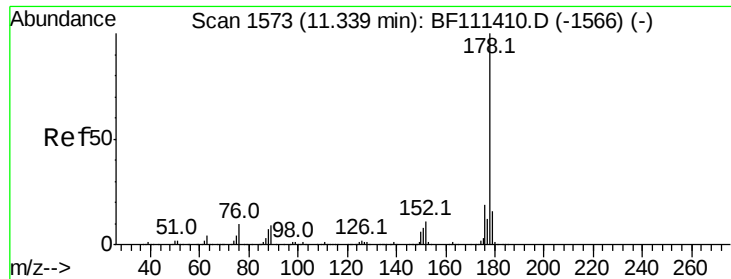
Sohil
12/17/2018 2:36:42 PM



#70
Pentachlorophenol
Concen: 59.097 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	47.9	71.9
264	63.0	49.1	73.7





#71

Phenanthrene

Concen: 40.744 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Instrument :

BNA_F

ClientSampleId :

SB-06AMS

Tot Ion:178 Resp: 1074553

Ion Ratio Lower Upper

178 100

176 19.7 18.1 27.1

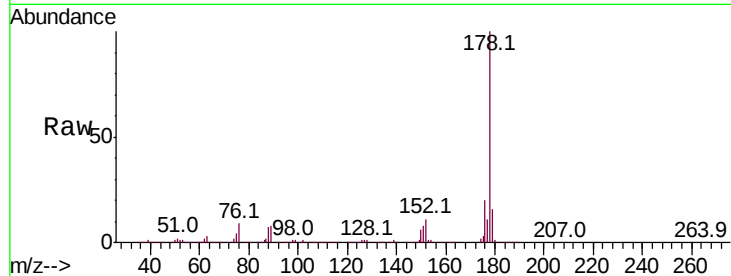
179 15.8 14.0 21.0

Manual Integrations

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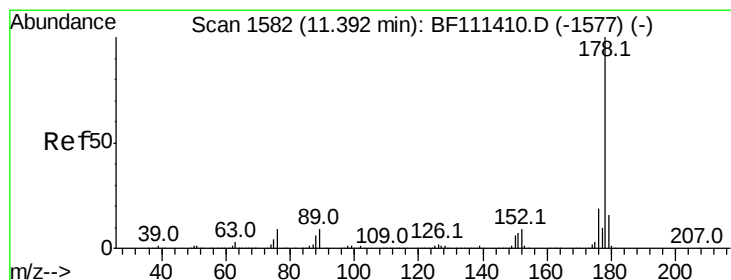
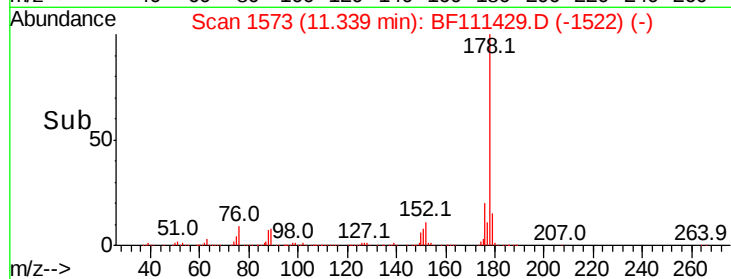
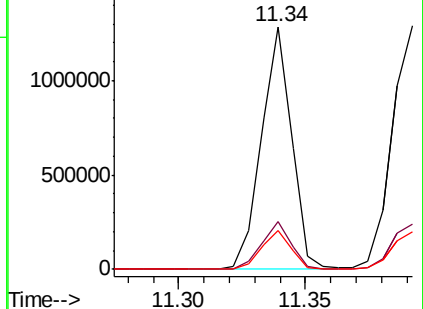
12/17/2018 2:36:42 PM



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: 40.820 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

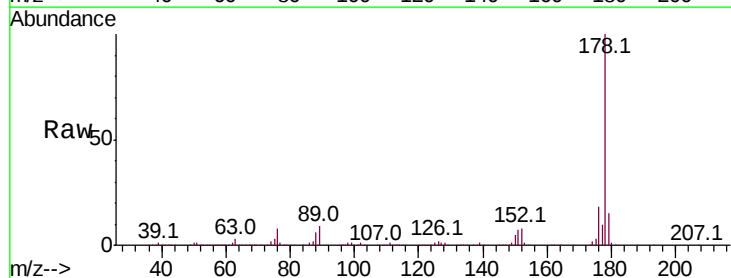
Tgt Ion:178 Resp: 1100985

Ion Ratio Lower Upper

178 100

176 18.5 17.2 25.8

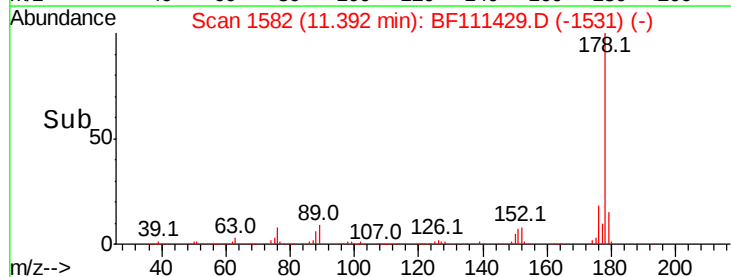
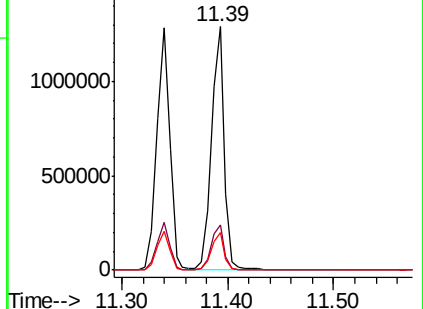
179 15.5 13.8 20.8

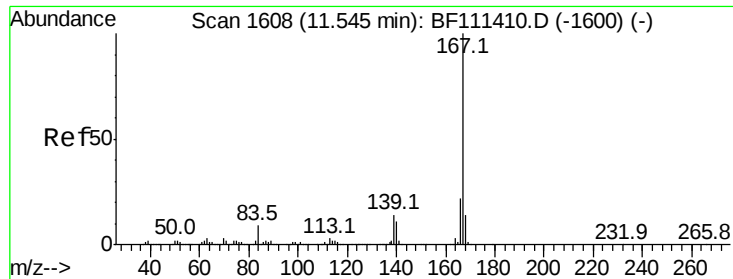


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





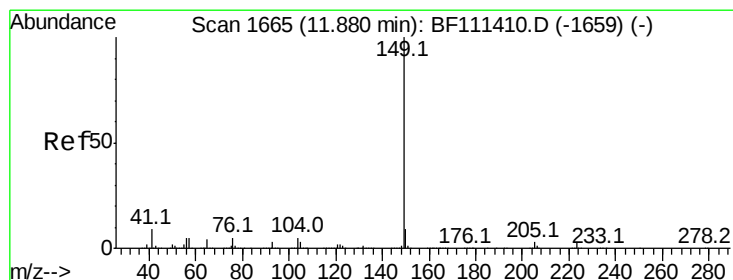
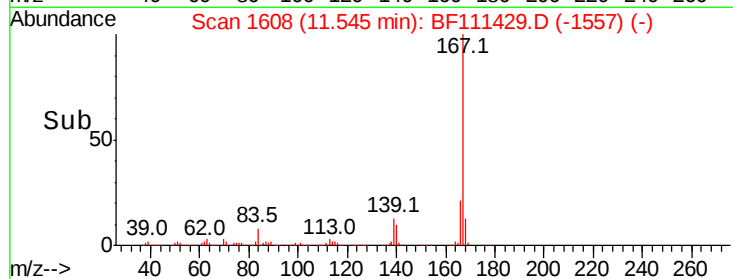
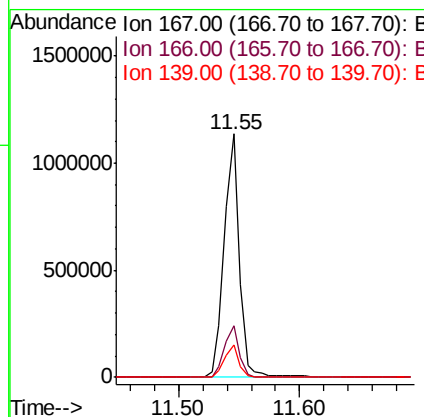
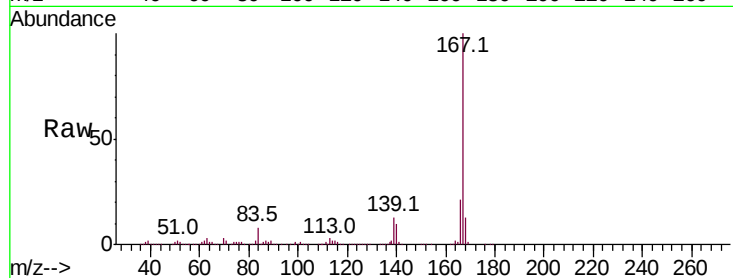
#73
 Carbazole
 Concen: 35.226 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BF111429.D
 Acq: 14 Dec 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-06AMS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	982491		
166	21.5	19.3	28.9	
139	13.3	11.9	17.9	

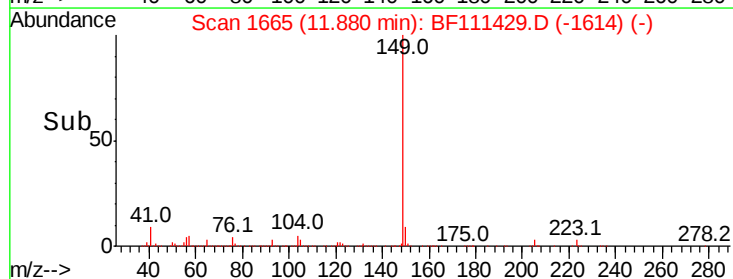
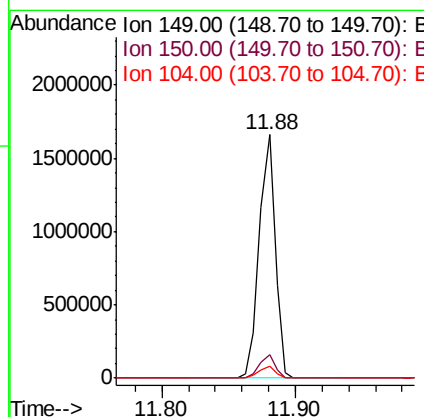
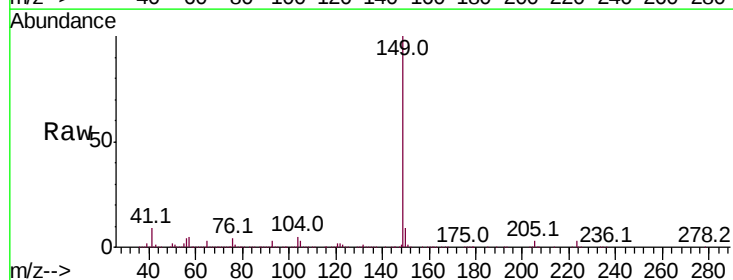
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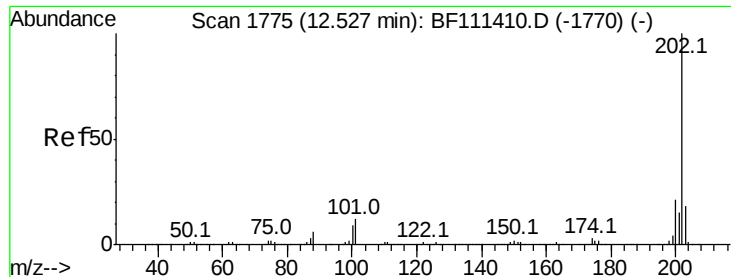
Sohil
 12/17/2018 2:36:42 PM



#74
 Di-n-butylphthalate
 Concen: 43.775 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF111429.D
 Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1359747		
150	9.4	8.8	13.2	
104	4.8	4.5	6.7	





#75

Fluoranthene

Concen: 36.637 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Instrument :

BNA_F

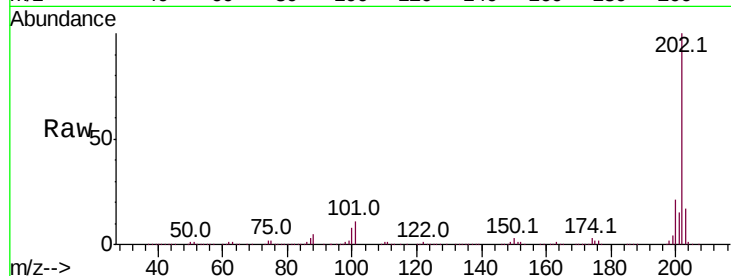
ClientSampled :

SB-06AMS

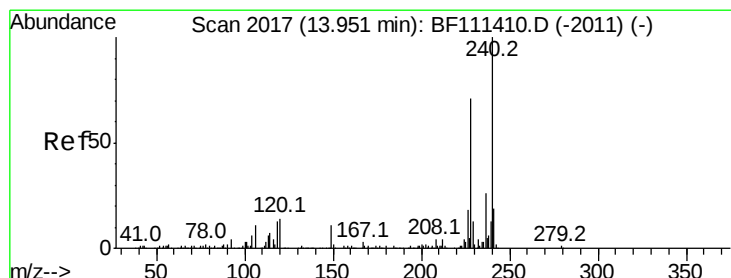
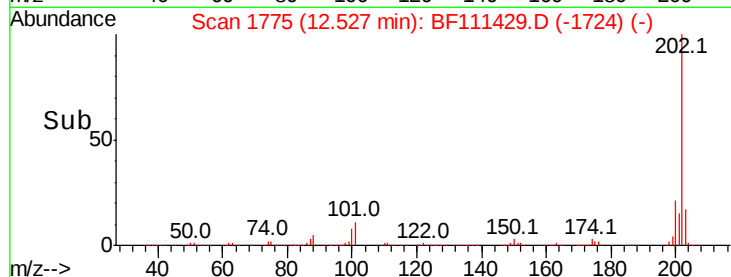
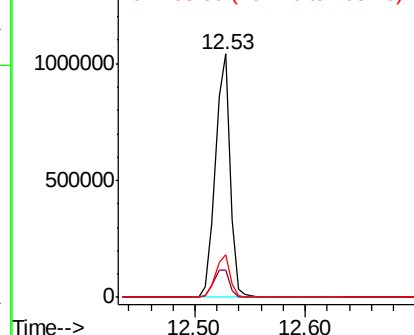
Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.4	0.0	33.8	
203	17.5	0.0	38.6	

Manual Integrations
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12/17/2018 2:36:42 PM



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

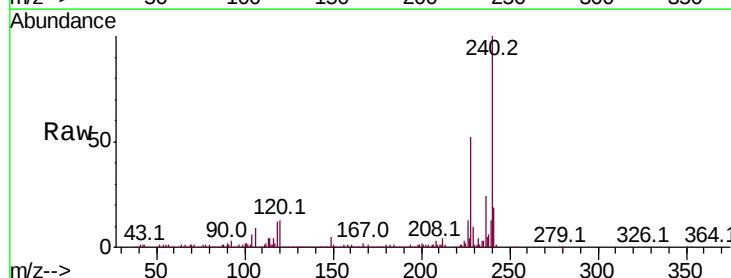
RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

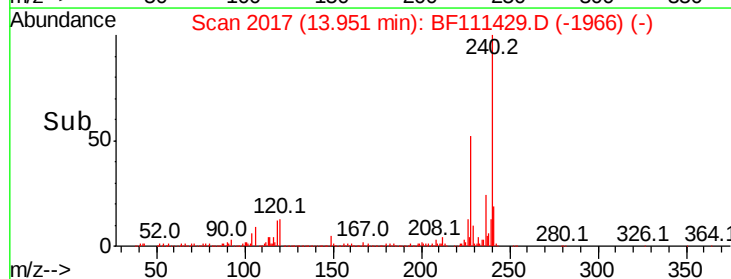
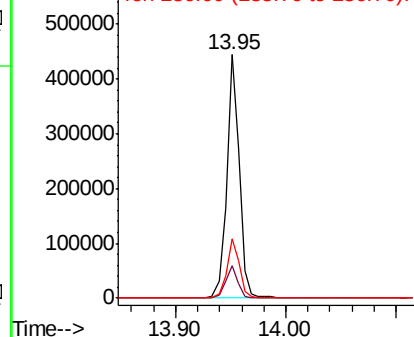
Lab File: BF111429.D

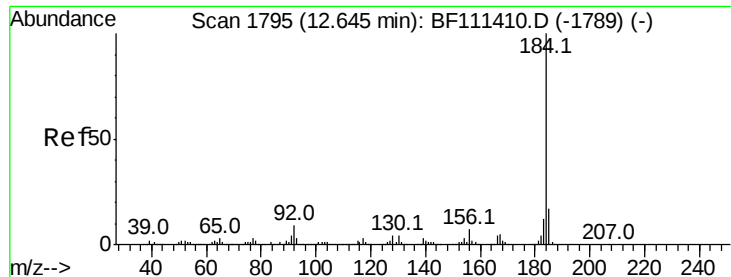
Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.3	12.2	18.2	
236	24.4	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: 7.304 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Instrument :

BNA_F

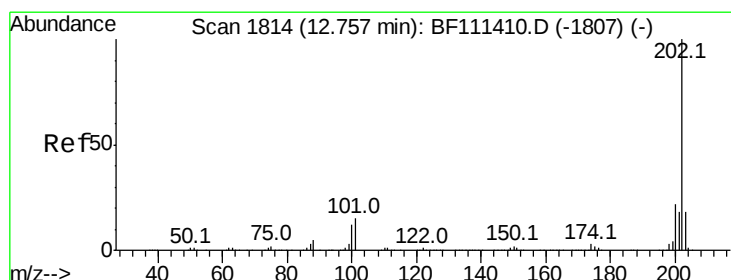
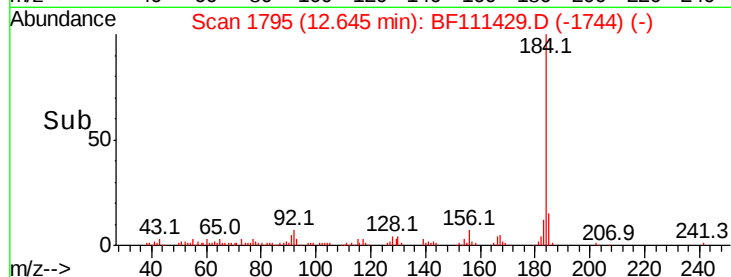
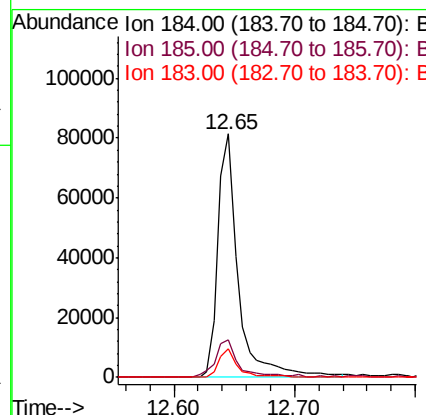
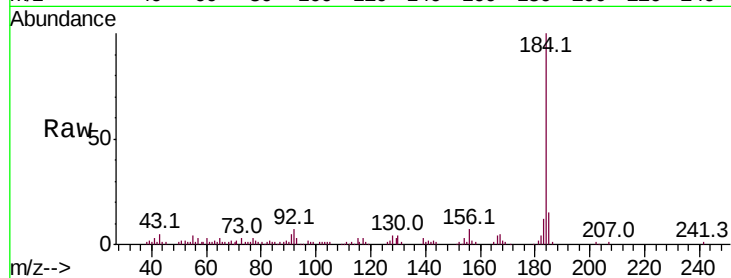
ClientSampled :

SB-06AMS

Tot Ion:	184	Resp:	94210
Ion Ratio	Lower	Upper	
184	100		
185	15.4	13.0	19.6
183	11.7	9.3	13.9

Manual Integrations
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#78

Pyrene

Concen: 37.636 ng

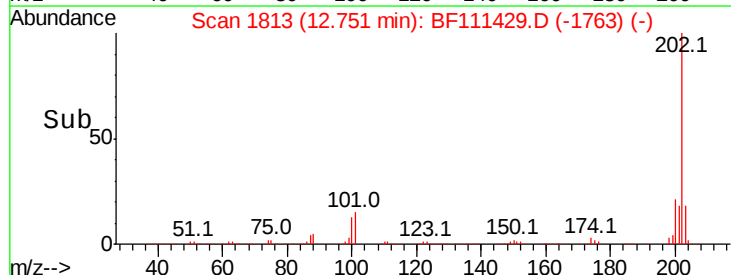
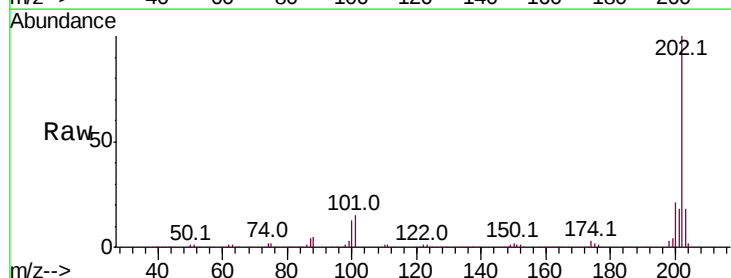
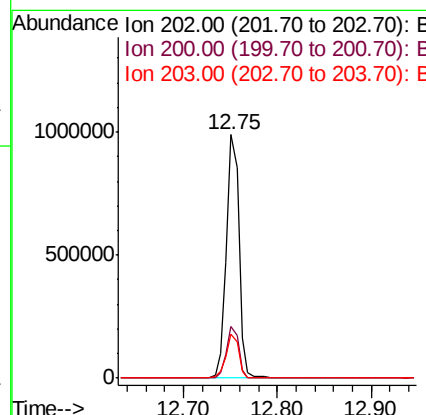
RT: 12.75 min Scan# 1813

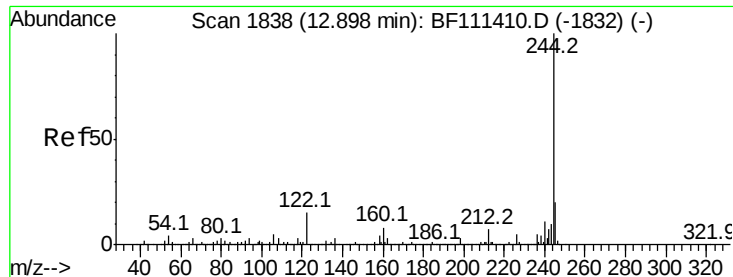
Delta R.T. -0.01 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Tgt Ion:	202	Resp:	931040
Ion Ratio	Lower	Upper	
202	100		
200	21.2	19.0	28.4
203	18.0	15.2	22.8





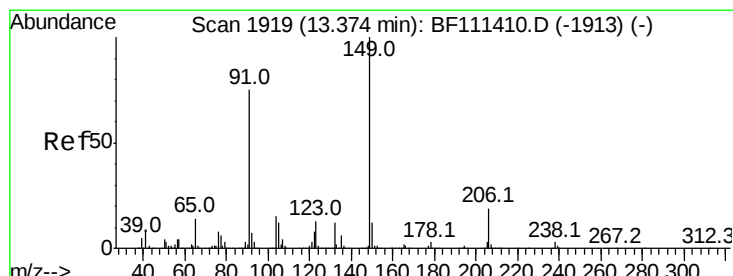
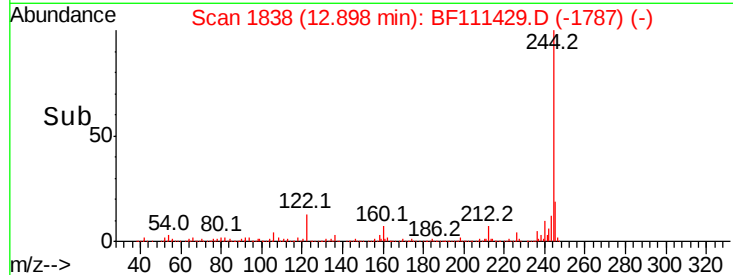
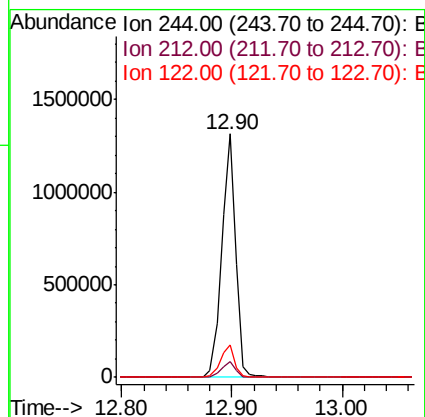
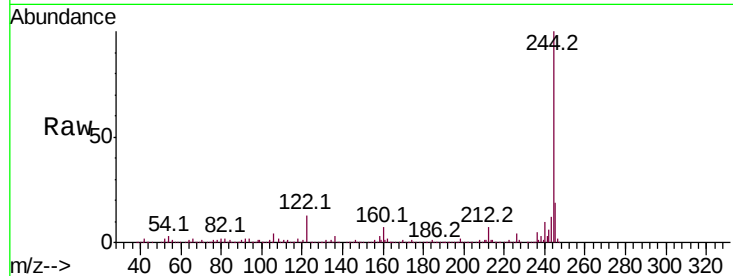
#79
 Terphenyl-d14
 Concen: 76.851 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF111429.D
 Acq: 14 Dec 2018 20:02

Instrument :
 BNA_F
 ClientSampled :
 SB-06AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	13.1	13.1	19.7

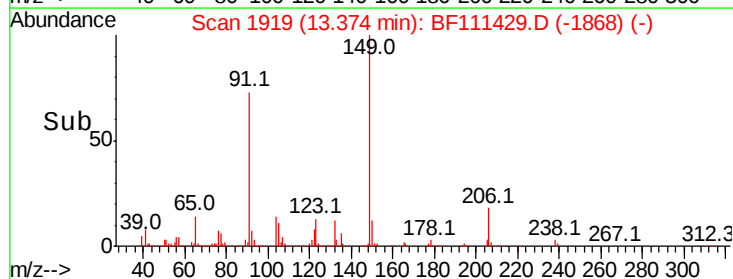
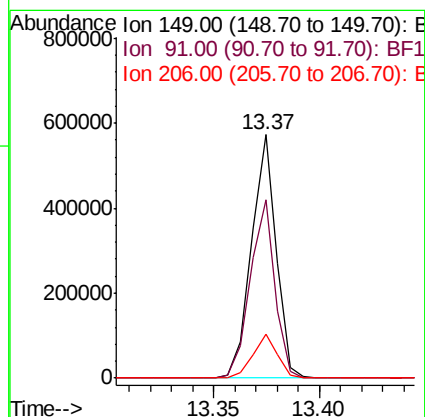
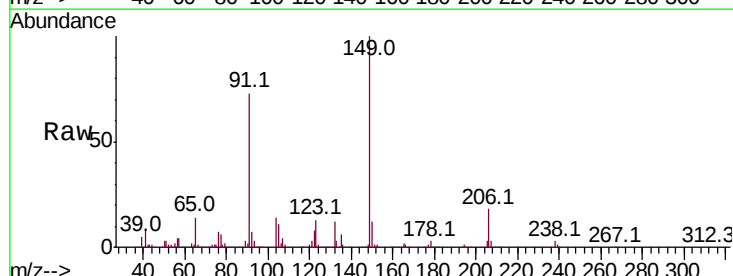
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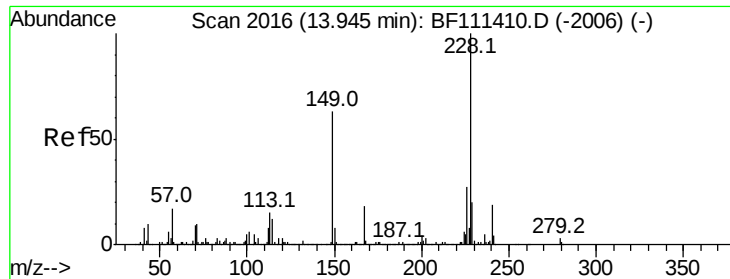
Sohil
 12/17/2018 2:36:42 PM



#80
 Butylbenzylphthalate
 Concen: 38.737 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BF111429.D
 Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.2	63.8	95.6
206	18.3	15.1	22.7





#81

Benzo(a)anthracene

Concen: 41.126 ng

RT: 13.95 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Instrument :

BNA_F

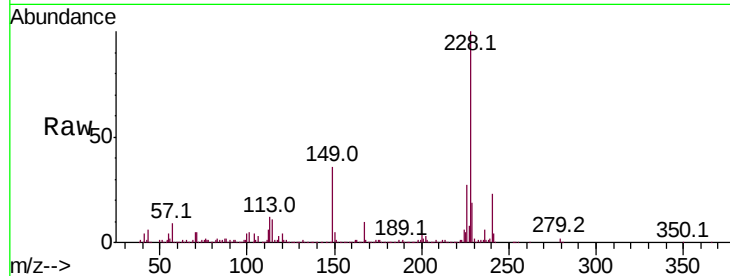
ClientSampleId :

SB-06AMS

Tot Ion:	228	Resp:	784635
Ion Ratio	Lower	Upper	
228	100		
226	26.9	22.6	34.0
229	19.3	16.3	24.5

Manual Integrations
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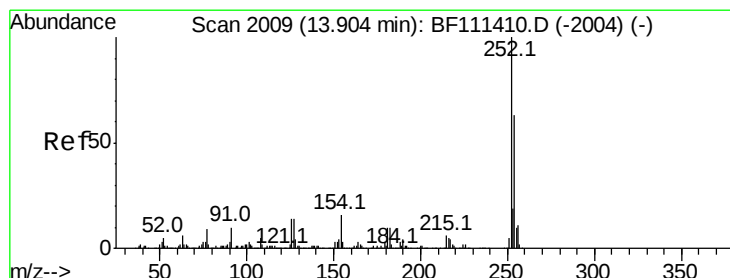
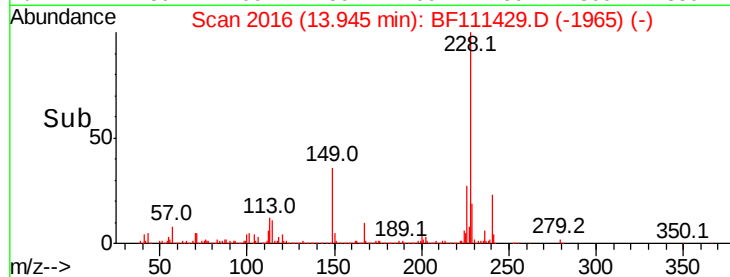
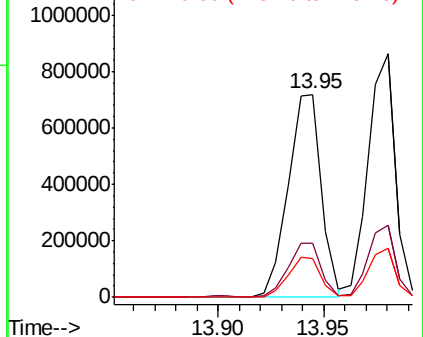


Abundance

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: 33.303 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

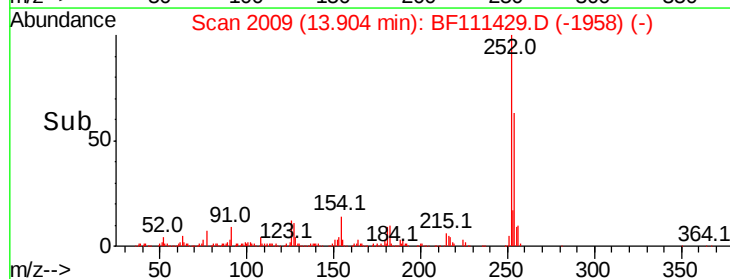
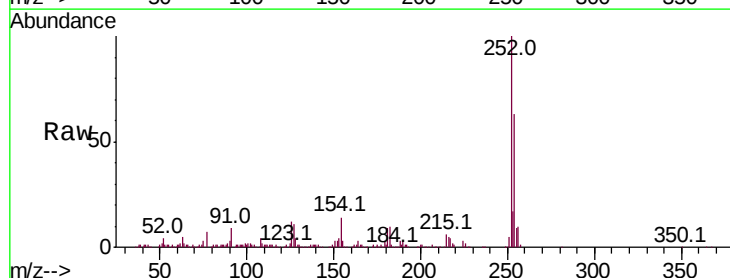
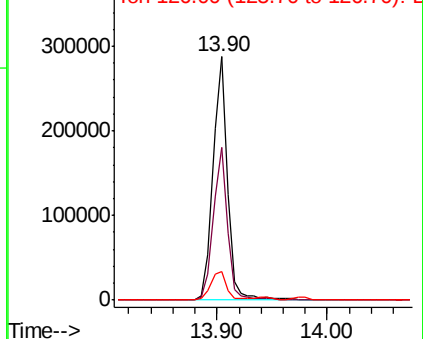
Tgt Ion:	252	Resp:	258294
Ion Ratio	Lower	Upper	
252	100		
254	62.9	52.7	79.1
126	11.8	11.1	16.7

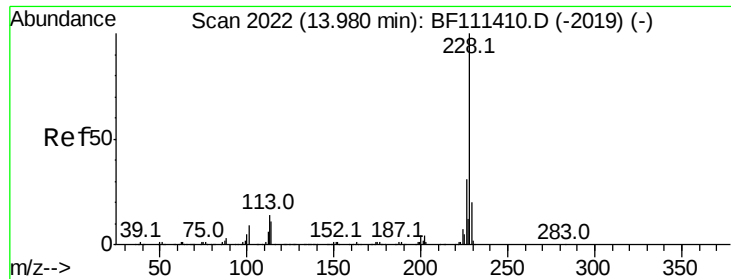
Abundance

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





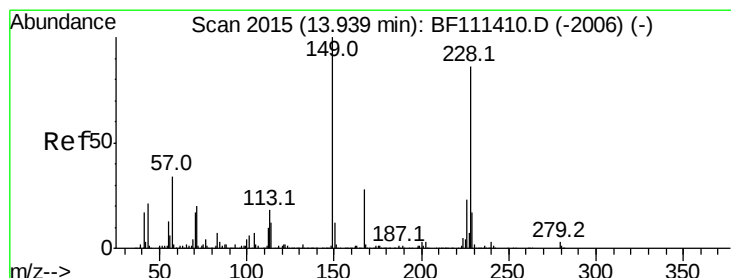
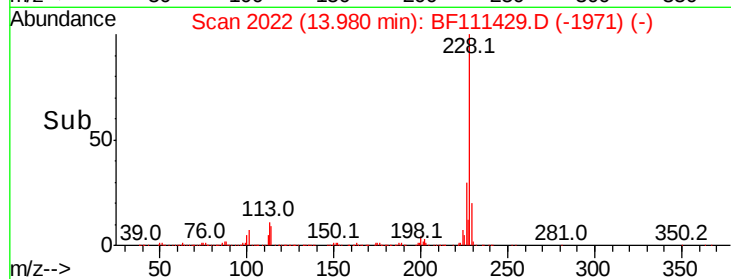
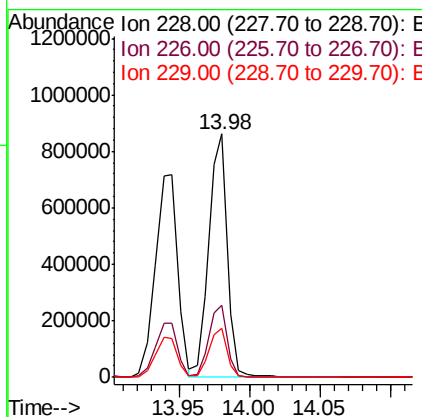
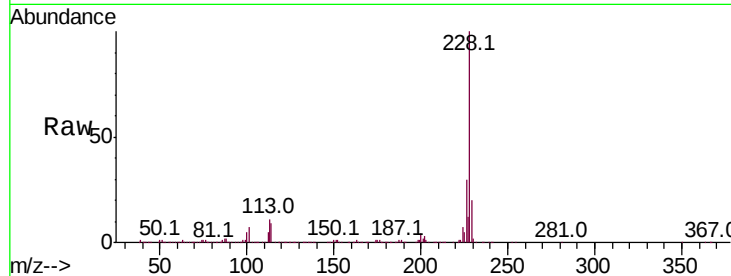
#83
 Chrvsene
 Concen: 39.033 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF111429.D
 Acq: 14 Dec 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-06AMS

Tot Ion:	228	Resp:	784501
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.3	37.9
229	20.0	17.2	25.8

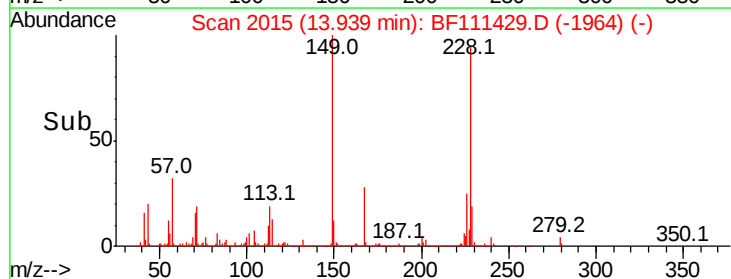
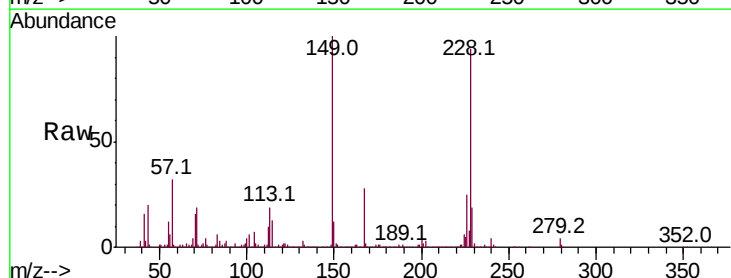
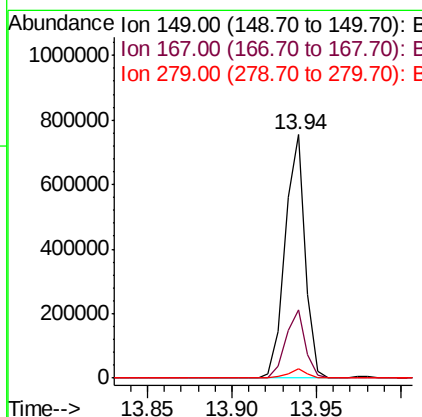
Manual Integrations
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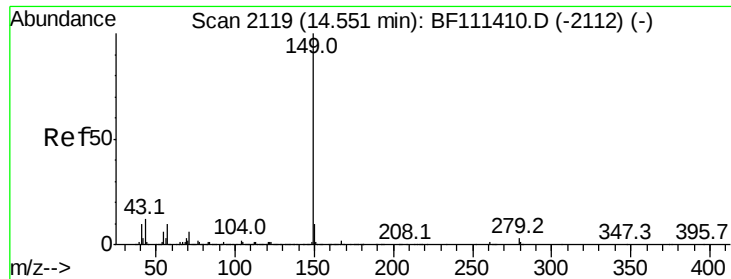
Sohil
 12/17/2018 2:36:42 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.444 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF111429.D
 Acq: 14 Dec 2018 20:02

Tgt Ion:	149	Resp:	622898
Ion Ratio	Lower	Upper	
149	100		
167	27.8	22.5	33.7
279	3.7	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 42.516 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Instrument :

BNA_F

ClientSampleId :

SB-06AMS

Tot Ion:149 Resp: 1104495

Ion Ratio Lower Upper

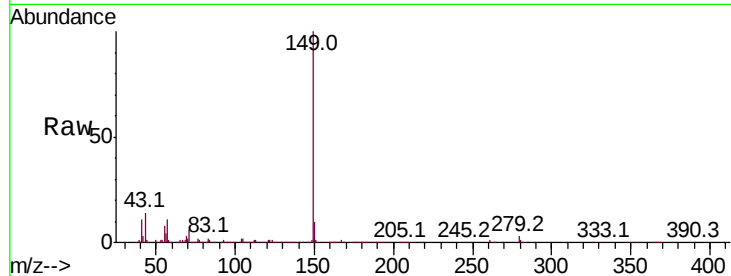
149 100

167 1.6 1.3 1.9

43 13.0 10.9 16.3

Manual Integrations
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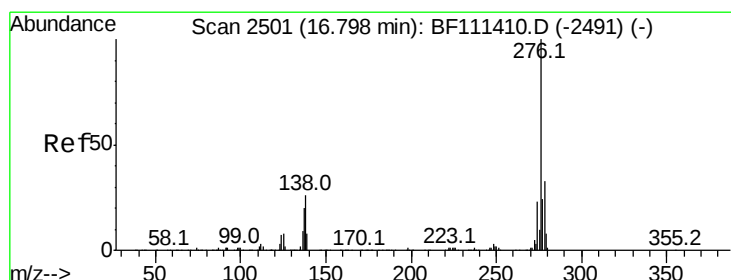
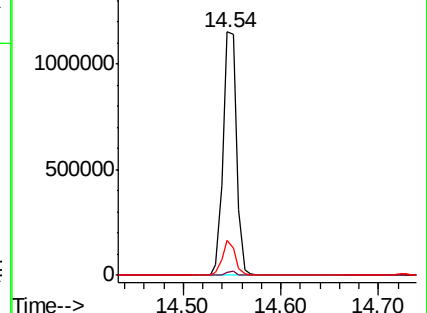
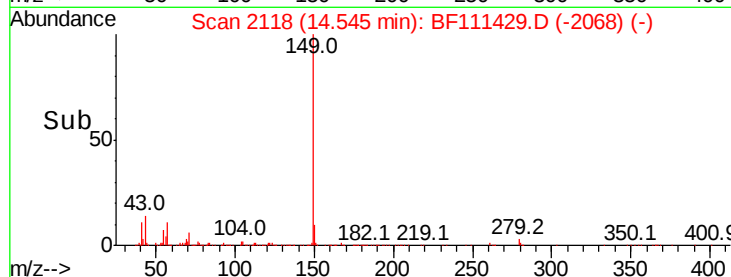
Sohil
12/17/2018 2:36:42 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.139 ng

RT: 16.80 min Scan# 2502

Delta R.T. 0.01 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

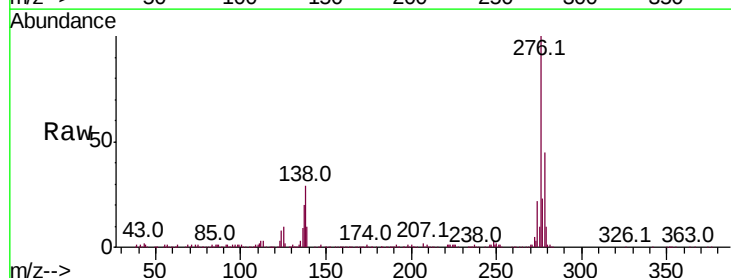
Tgt Ion:276 Resp: 538729

Ion Ratio Lower Upper

276 100

138 31.2 27.8 41.6

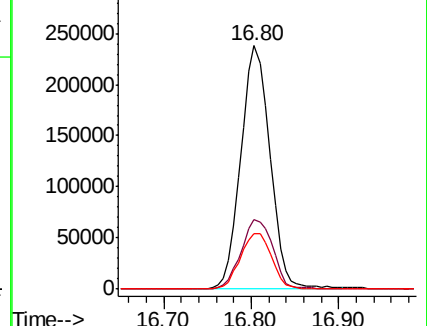
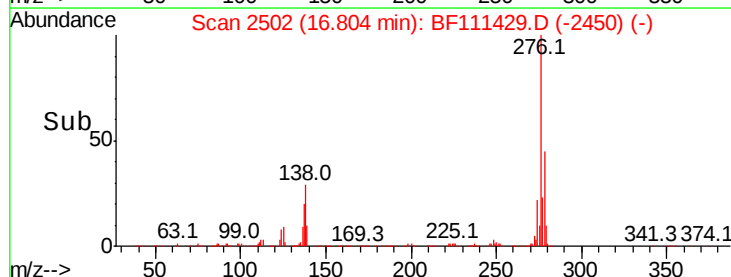
277 24.7 20.1 30.1

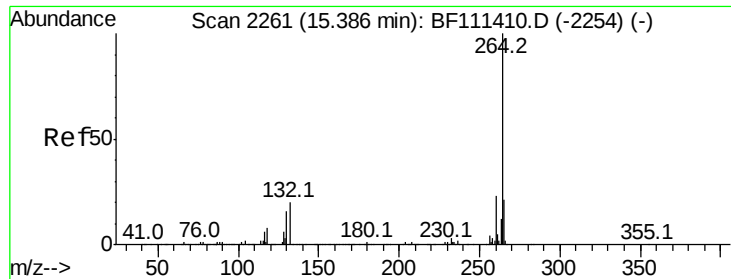


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





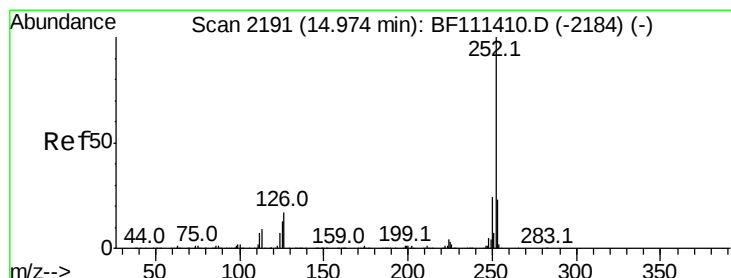
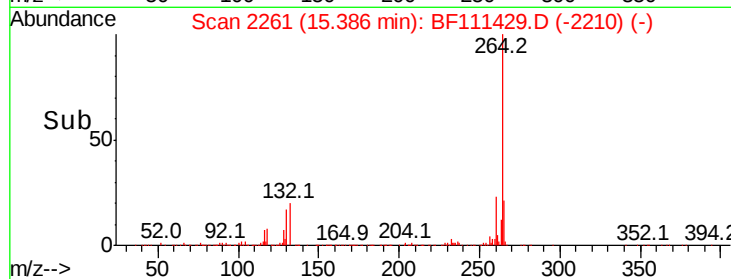
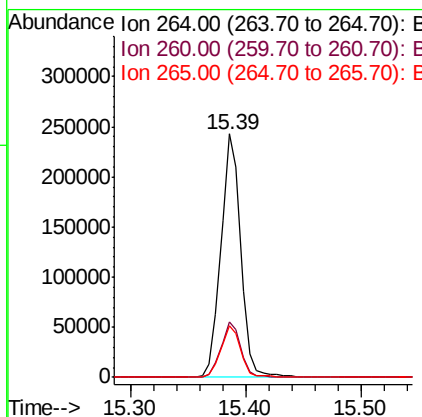
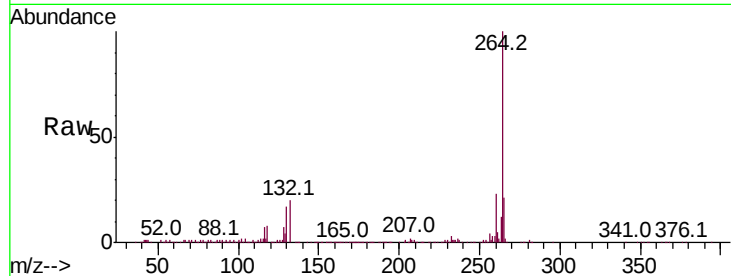
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Instrument :
BNA_F
ClientSampleId :
SB-06AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	21.4	17.7	26.5

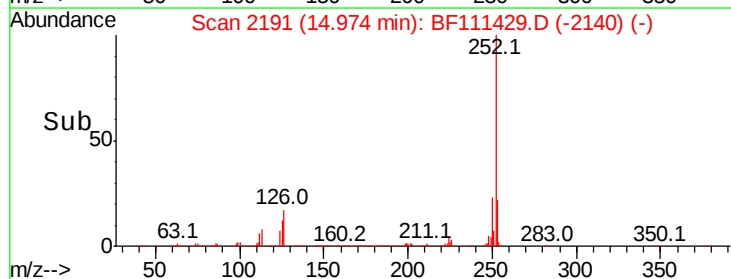
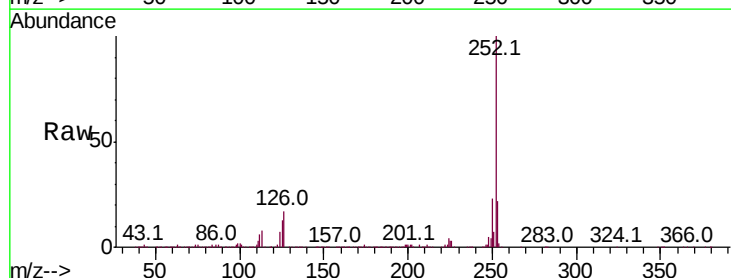
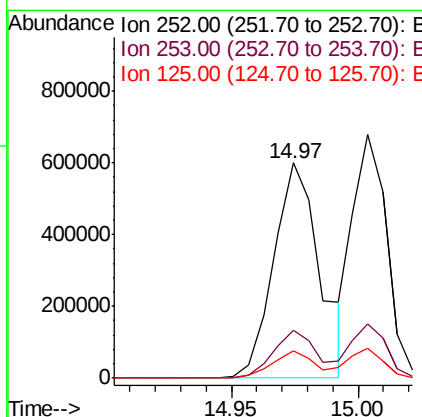
Manual Integrations
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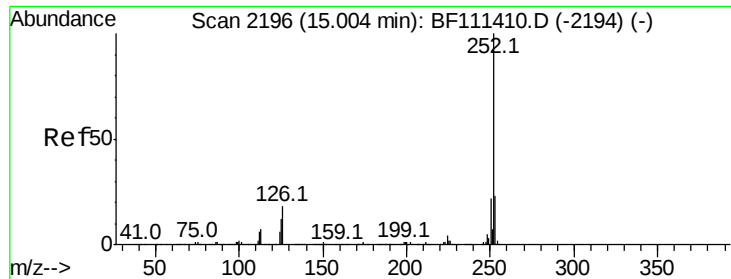
Sohil
12/17/2018 2:36:42 PM



#88
Benzo(b)fluoranthene
Concen: 44.726 ng
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111429.D
Acq: 14 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	12.6	10.4	15.6





#89

Benzo(k)fluoranthene

Concen: 40.431 ng

RT: 15.00 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Instrument :

BNA_F

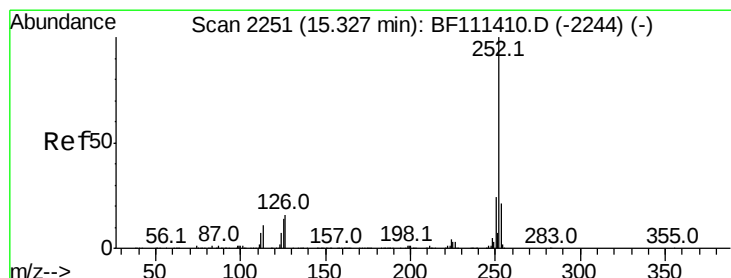
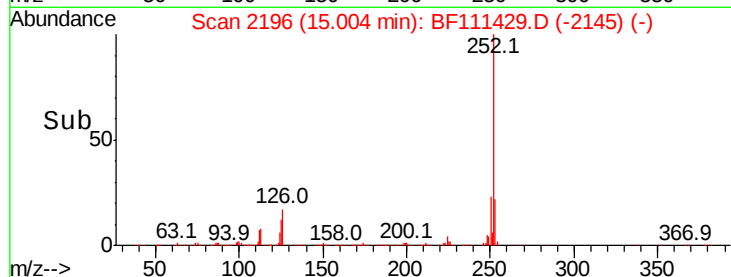
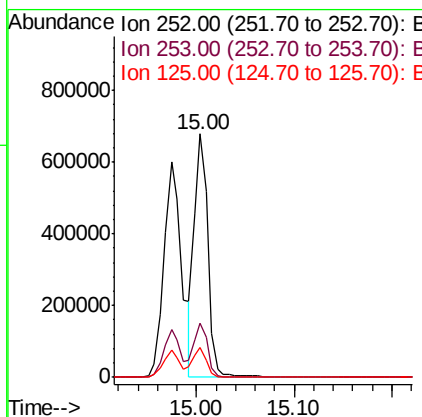
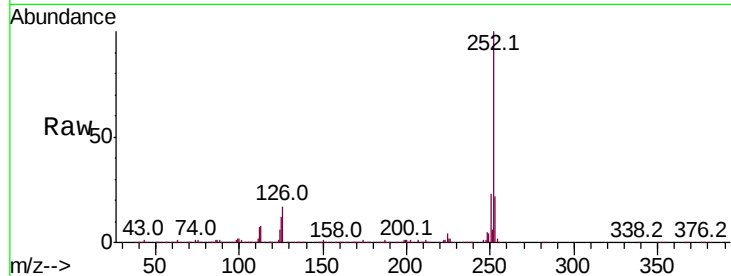
ClientSampleId :

SB-06AMS

Tot Ion:	252	Resp:	653717
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.1	27.1
125	12.1	9.8	14.8

Manual Integrations
APPROVED

Sohil
12/17/2018 2:36:42 PM



#90

Benzo(a)pyrene

Concen: 42.325 ng

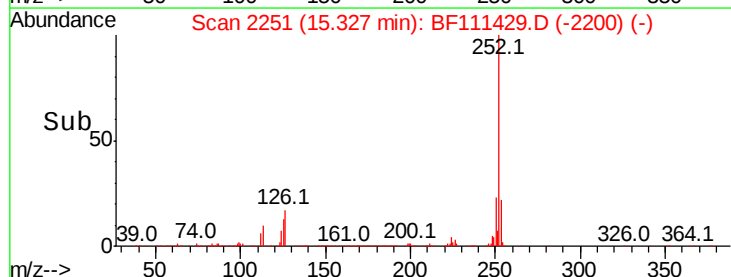
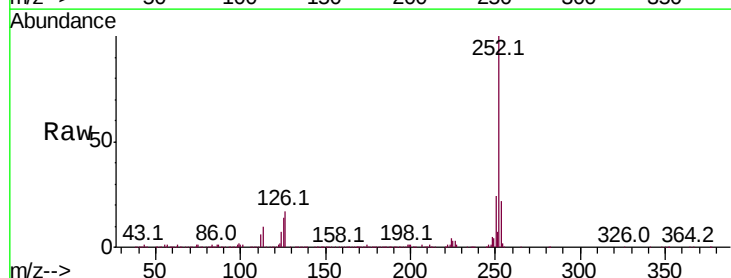
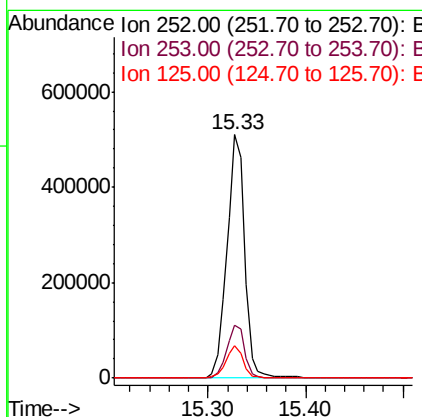
RT: 15.33 min Scan# 2251

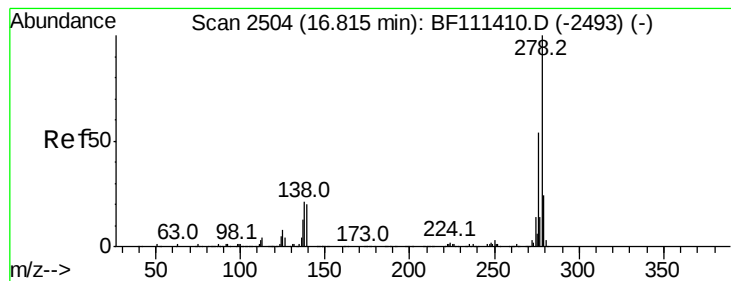
Delta R.T. 0.00 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Tgt Ion:	252	Resp:	645841
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.8
125	13.6	12.3	18.5





#91

Dibenzo(a,h)anthracene

Concen: 38.700 ng

RT: 16.82 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Instrument :

BNA_F

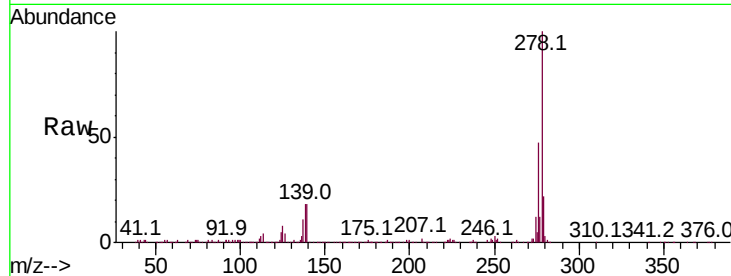
ClientSampleId :

SB-06AMS

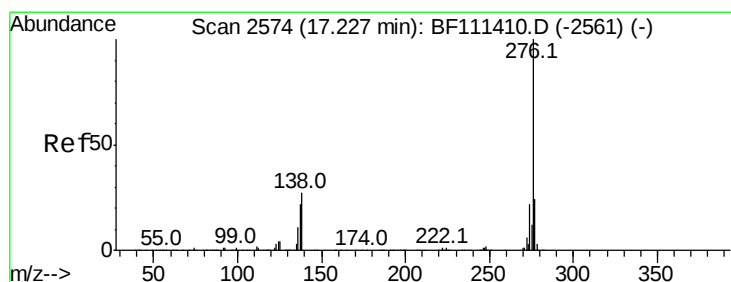
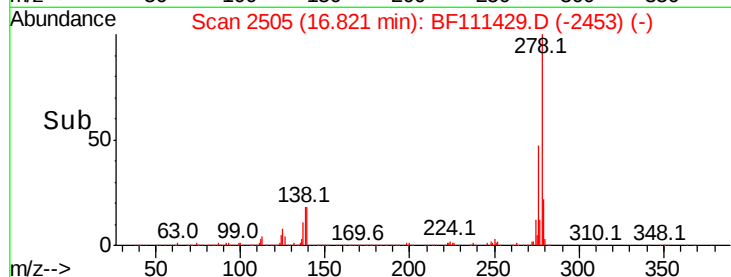
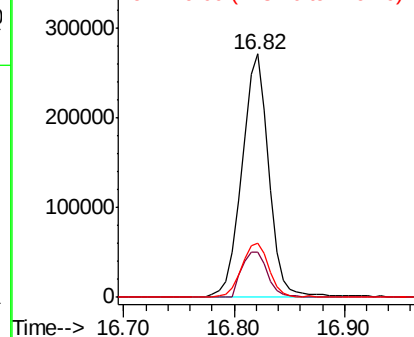
Tot Ion:	278	Resp:	465823
Ion Ratio	Lower	Upper	
278	100		
139	18.4	18.2	27.4
279	22.1	19.0	28.6

Manual Integrations
APPROVED

Sohil
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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: 37.020 ng

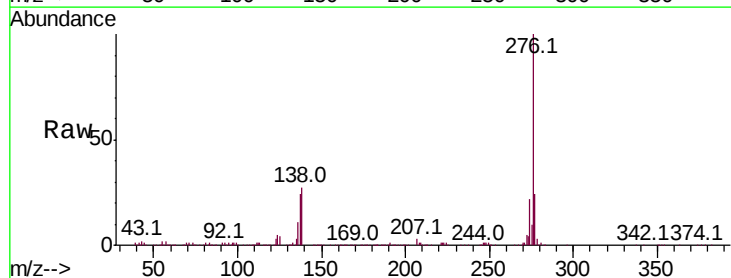
RT: 17.23 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BF111429.D

Acq: 14 Dec 2018 20:02

Tgt Ion:	276	Resp:	437402
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.2	28.8
138	27.0	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

