

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
 Data File : BF110780.D
 Acq On : 14 Nov 2018 22:28
 Operator : JU/SJ
 Sample : PB114818BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

Manual Integrations
 APPROVED

Sohil
 11/15/2018 10:59:31 AM

Quant Time: Nov 15 06:19:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	62589	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	253823	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	120648	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	219019	20.00	ng	0.00
76) Chrysene-d12	14.13	240	132973	20.00	ng	-0.01
87) Perylene-d12	15.65	264	124471	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	372294	96.62	ng	0.00
7) Phenol-d6	6.57	99	463891	94.15	ng	0.00
23) Nitrobenzene-d5	7.51	82	287893	65.32	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	110851	91.18	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	577210	68.33	ng	0.00
79) Terphenyl-d14	13.06	244	474563	66.84	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	46853	24.404	ng	91
3) Pyridine	3.60	79	122340	29.521	ng	87
4) n-Nitrosodimethylamine	3.56	42	65904	37.064	ng	93
6) Aniline	6.61	93	88258	13.735	ng	# 54
8) 2-Chlorophenol	6.73	128	156625	34.674	ng	98
9) Benzaldehyde	6.50	77	82029	28.772	ng	98
10) Phenol	6.58	94	187385	32.797	ng	# 68
11) bis(2-Chloroethyl)ether	6.67	93	135179	31.570	ng	95
12) 1,3-Dichlorobenzene	6.88	146	160802	32.535	ng	99
13) 1,4-Dichlorobenzene	6.96	146	165564	32.988	ng	98
14) 1,2-Dichlorobenzene	7.11	146	155079	33.215	ng	98
15) Benzyl Alcohol	7.09	79	131832	34.189	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.21	45	218924	32.557	ng	72
17) 2-Methylphenol	7.19	107	124888	34.739	ng	# 80
18) Hexachloroethane	7.45	117	58605	31.630	ng	98
19) n-Nitroso-di-n-propylamine	7.35	70	104266	33.150	ng	95
20) 3+4-Methylphenols	7.35	107	162172	35.141	ng	# 76
22) Acetophenone	7.35	105	213815	36.145	ng	95
24) Nitrobenzene	7.53	77	156876	34.740	ng	94
25) Isophorone	7.76	82	287064	39.738	ng	95
26) 2-Nitrophenol	7.85	139	76865	34.120	ng	92
27) 2,4-Dimethylphenol	7.87	122	141138	41.138	ng	97
28) bis(2-Chloroethoxy)methane	7.96	93	179451	36.690	ng	99
29) 2,4-Dichlorophenol	8.08	162	131187	37.161	ng	96
30) 1,2,4-Trichlorobenzene	8.16	180	137906	34.647	ng	96
31) Naphthalene	8.25	128	451382	37.882	ng	100
32) Benzoic acid	7.99	122	62170	25.611	ng	96
33) 4-Chloroaniline	8.30	127	48601	9.005	ng	99
34) Hexachlorobutadiene	8.35	225	76383	33.598	ng	97
35) Caprolactam	8.66	113	41394	35.096	ng	88
36) 4-Chloro-3-methylphenol	8.78	107	141419	37.144	ng	94
37) 2-Methylnaphthalene	8.94	142	313747	40.166	ng	98
38) 1-Methylnaphthalene	9.04	142	295343	39.315	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	133818	35.040	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	22860	21.515	nq	98
43) 2,4,6-Trichlorophenol	9.22	196	87740	36.561	nq	94
44) 2,4,5-Trichlorophenol	9.26	196	93417	36.492	nq	96
46) 1,1'-Biphenyl	9.40	154	382911	34.022	nq	99
47) 2-Chloronaphthalene	9.43	162	288234	35.548	nq	98
48) 2-Nitroaniline	9.53	65	90966	36.406	nq	93
49) Acenaphthylene	9.85	152	456356	39.081	nq	99
50) Dimethylphthalate	9.70	163	339492	37.711	nq	99
51) 2,6-Dinitrotoluene	9.77	165	71524	36.117	nq	98
52) Acenaphthene	10.02	154	271947	36.852	nq	98
53) 3-Nitroaniline	9.95	138	41720	18.184	nq	89
54) 2,4-Dinitrophenol	10.06	184	18115	26.315	nq	90
55) Dibenzofuran	10.19	168	398383	36.899	nq	97
56) 4-Nitrophenol	10.11	139	96068	63.114	nq	91
57) 2,4-Dinitrotoluene	10.18	165	91416	35.503	nq	98
58) Fluorene	10.53	166	323209	38.974	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	73009m	36.254	nq	
60) Diethylphthalate	10.39	149	337847	37.934	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	152136	35.431	nq	98
62) 4-Nitroaniline	10.56	138	70057	30.323	nq	91
63) Azobenzene	10.68	77	315671	36.329	nq	97
65) 4,6-Dinitro-2-methylphenol	10.59	198	14687	13.306	nq	82
66) n-Nitrosodiphenylamine	10.64	169	283523	38.405	nq	97
67) 4-Bromophenyl-phenylether	11.02	248	87931	36.326	nq	98
68) Hexachlorobenzene	11.09	284	90464	35.448	nq	94
69) Atrazine	11.16	200	92712	41.073	nq	100
70) Pentachlorophenol	11.29	266	67044	49.234	nq	97
71) Phenanthrene	11.50	178	448835	38.251	nq	100
72) Anthracene	11.56	178	464088	39.208	nq	98
73) Carbazole	11.71	167	392482	34.526	nq	100
74) Di-n-butylphthalate	12.02	149	526504	39.496	nq	99
75) Fluoranthene	12.70	202	390397	33.186	nq	99
77) Benzidine	12.82	184	156075	42.681	nq	96
78) Pyrene	12.93	202	381174	37.229	nq	98
80) Butylbenzylphthalate	13.53	149	175555	39.837	nq	93
81) Benzo(a)anthracene	14.12	228	319013	40.138	nq	99
82) 3,3'-Dichlorobenzidine	14.07	252	87511	32.868	nq	95
83) Chrysene	14.16	228	296384	39.142	nq	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	237884	43.515	nq	98
85) Di-n-octyl phthalate	14.69	149	385682	47.976	nq	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	234149	43.093	nq	97
88) Benzo(b)fluoranthene	15.20	252	300973	40.419	nq	99
89) Benzo(k)fluoranthene	15.23	252	279084	37.930	nq	98
90) Benzo(a)pyrene	15.59	252	270370	39.963	nq	98
91) Dibenzo(a,h)anthracene	17.23	278	198451	34.662	nq	99
92) Benzo(g,h,i)perylene	17.70	276	174305	30.685	nq	96

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

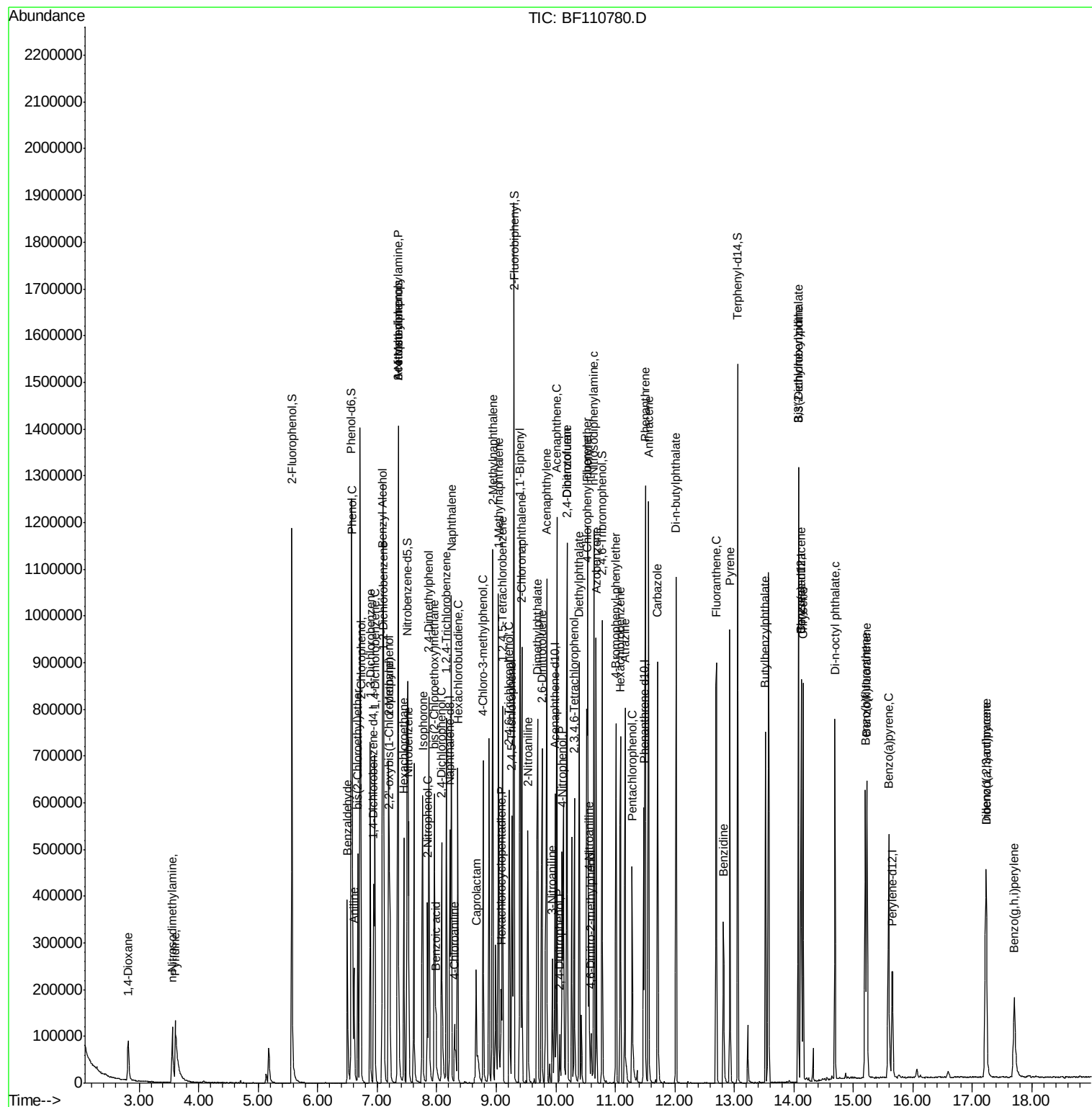
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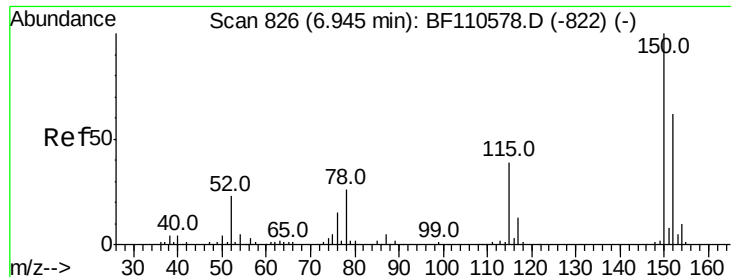
Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

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#1

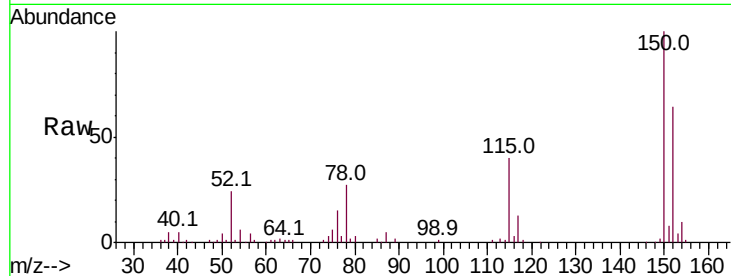
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampled :
PB114818BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	122.7	184.1
115	62.8	49.1	73.7

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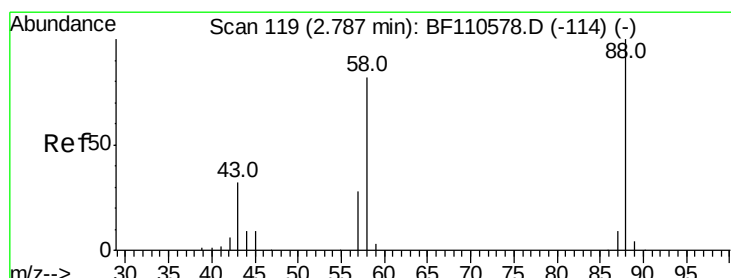
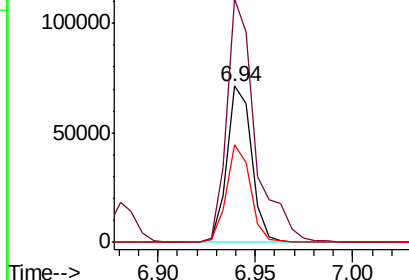
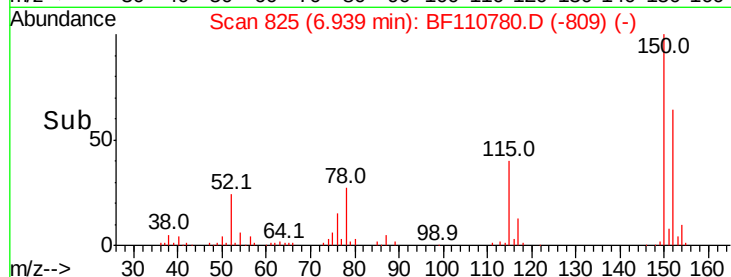


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

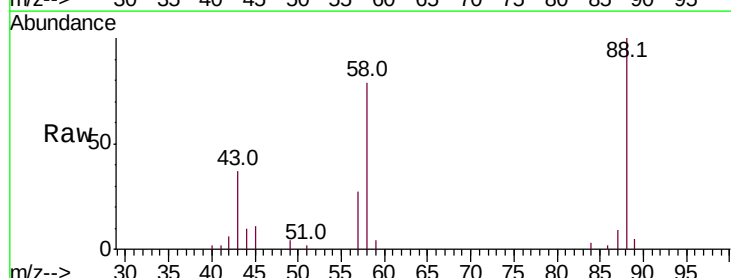
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.404 ng
RT: 2.82 min Scan# 124
Delta R.T. 0.03 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.6	57.1	85.7
43	33.5	24.1	36.1

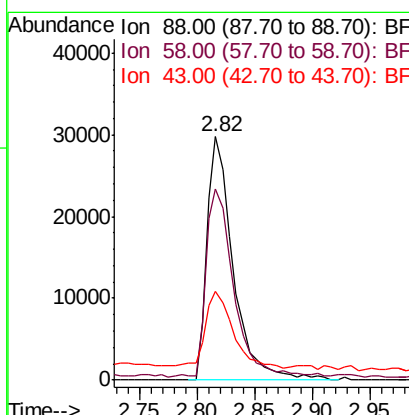
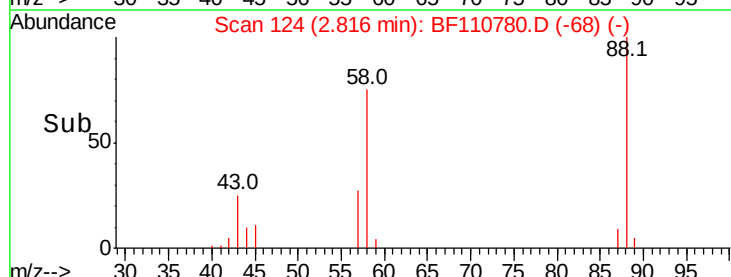


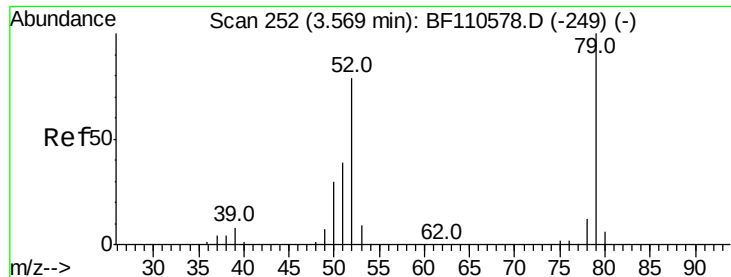
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





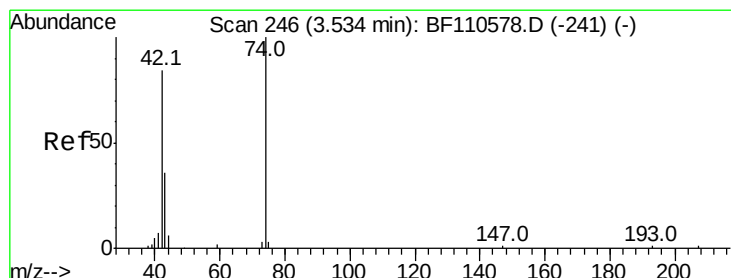
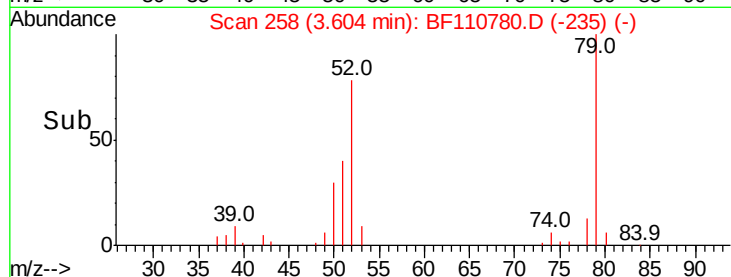
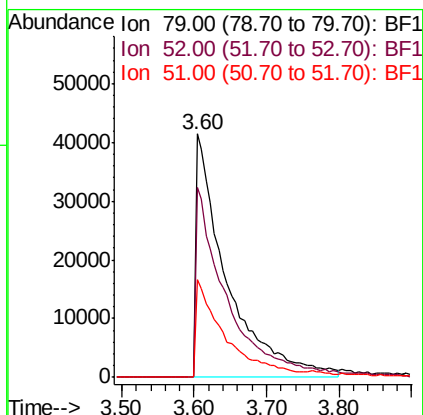
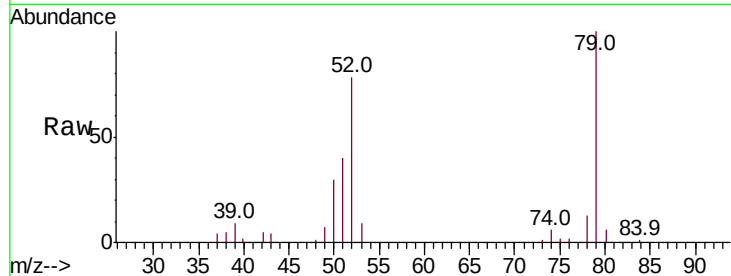
#3
 Pvrindine
 Concen: 29.521 ng
 RT: 3.60 min Scan# 258
 Delta R.T. 0.04 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	77.8	53.1	79.7	
51	40.3	27.4	41.2	

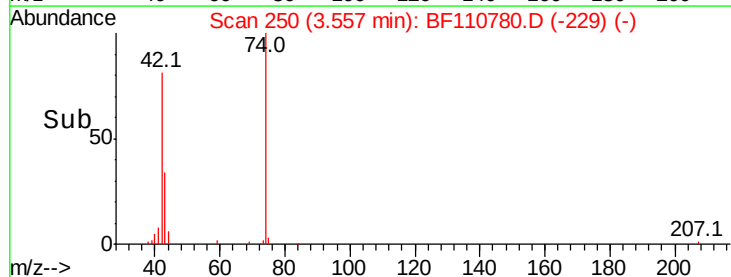
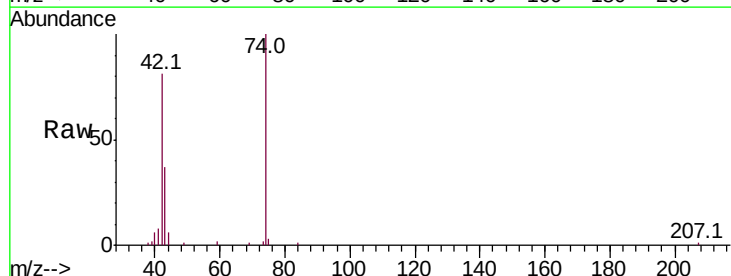
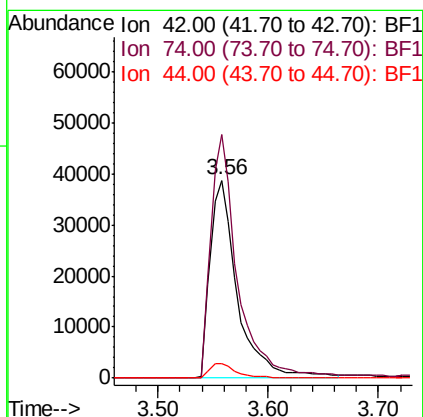
Manual Integrations
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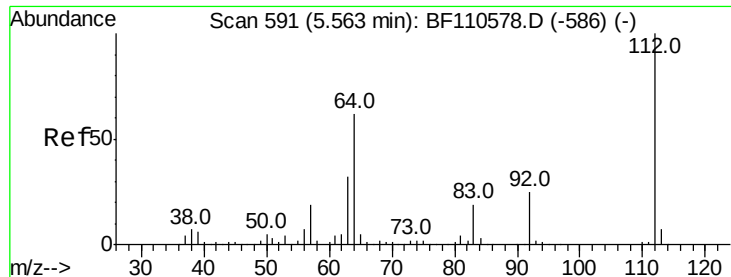
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#4
 n-Nitrosodimethylamine
 Concen: 37.064 ng
 RT: 3.56 min Scan# 250
 Delta R.T. 0.02 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	123.2	105.5	158.3	
44	7.1	4.9	7.3	





#5

2-Fluorophenol

Concen: 96.618 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

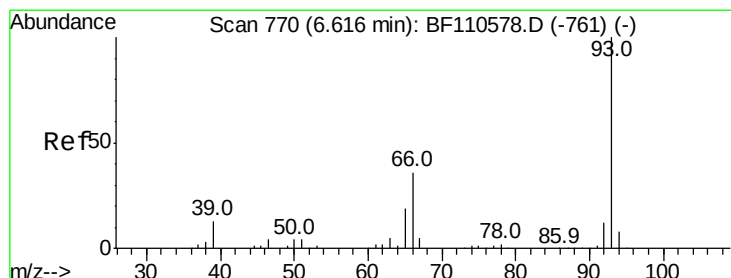
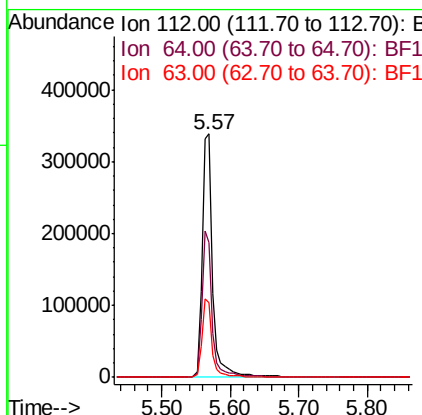
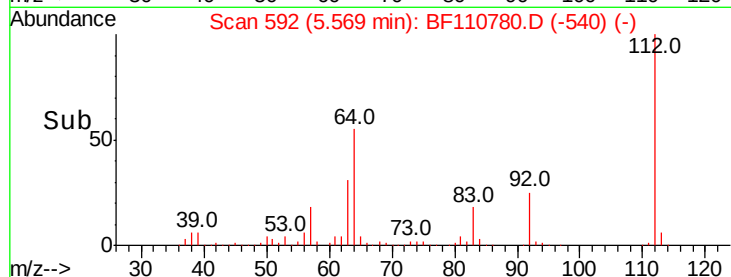
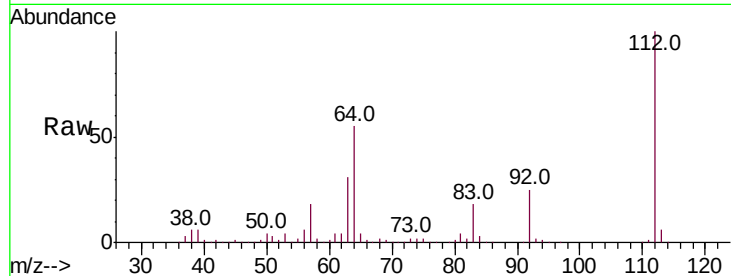
ClientSampleId :

PB114818BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	372294		
64	55.4	44.1	66.1	
63	30.7	23.7	35.5	

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#6

Aniline

Concen: 13.735 ng

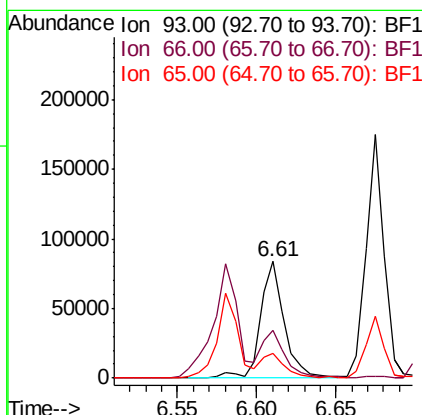
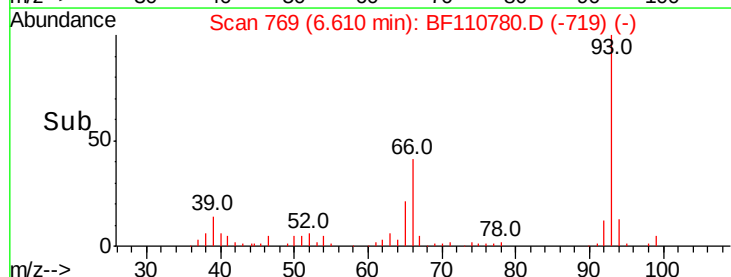
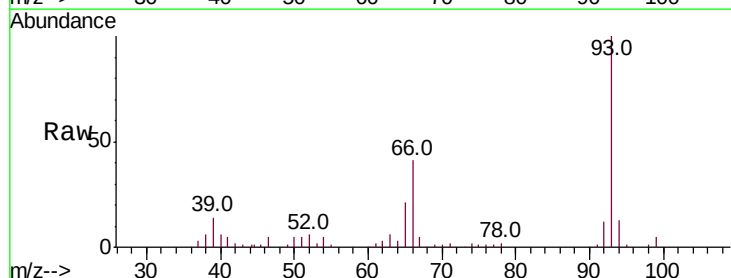
RT: 6.61 min Scan# 769

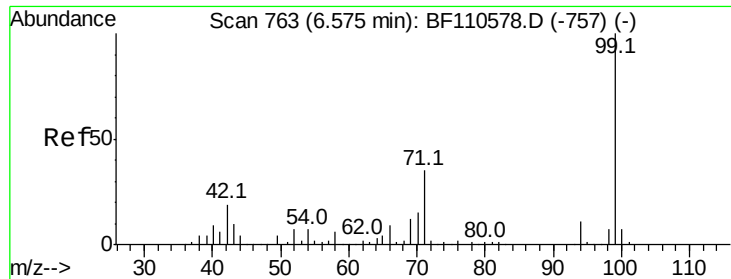
Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	88258		
66	41.3	67.4	101.0#	
65	21.1	41.0	61.4#	





#7

Phenol-d6

Concen: 94.145 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

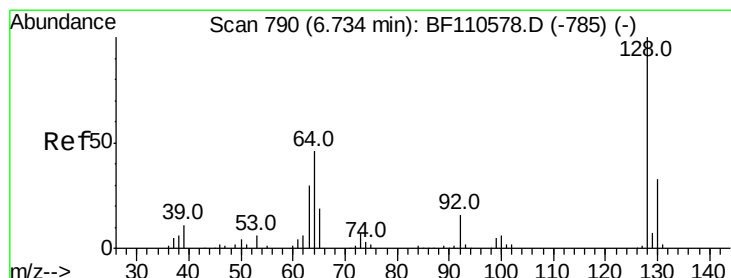
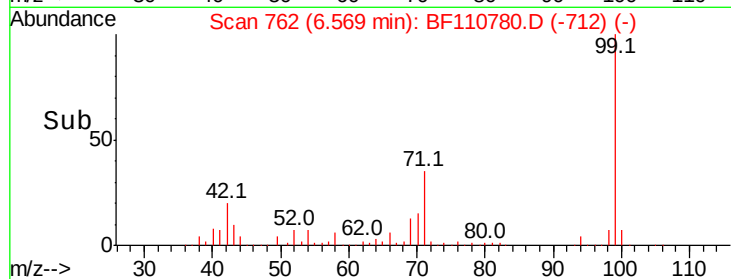
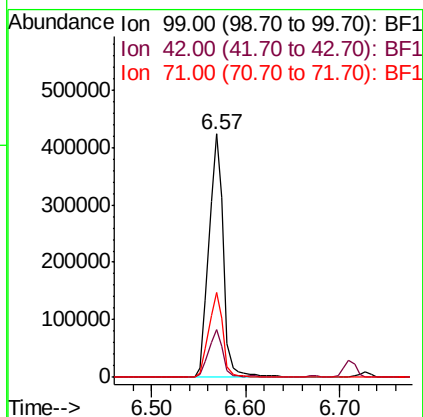
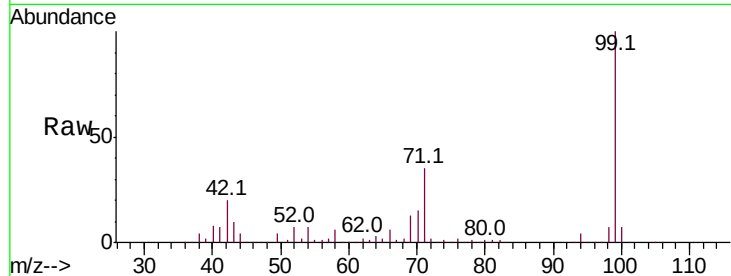
ClientSampled :

PB114818BS

Tot Ion:	99	Resp:	463891
Ion Ratio	Lower	Upper	
99	100		
42	19.9	15.8	23.6
71	35.1	28.0	42.0

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#8

2-Chlorophenol

Concen: 34.674 ng

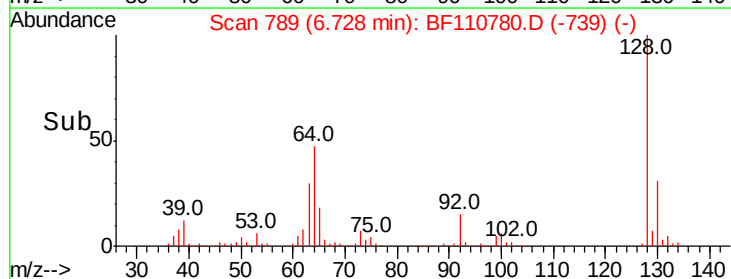
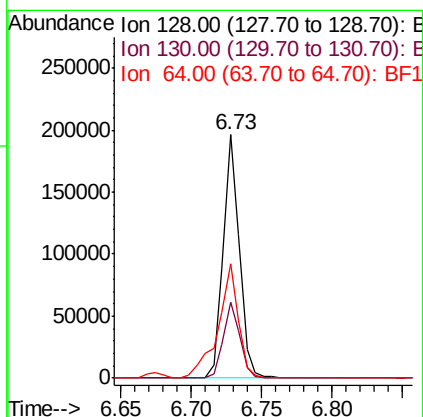
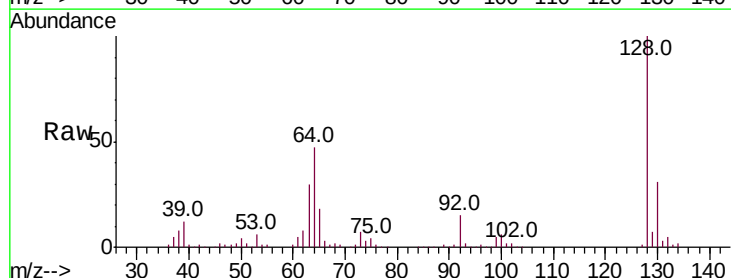
RT: 6.73 min Scan# 789

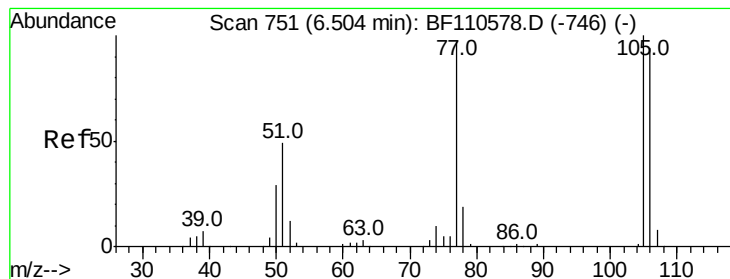
Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Tgt Ion:	128	Resp:	156625
Ion Ratio	Lower	Upper	
128	100		
130	31.4	13.1	53.1
64	47.0	26.0	66.0





#9

Benzaldehyde

Concen: 28.772 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleID :

PB114818BS

Tot Ion: 77 Resp: 82029

Ion Ratio Lower Upper

77 100

105 101.5 78.6 118.6

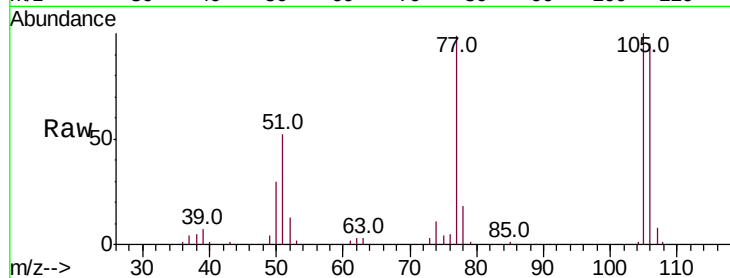
106 96.5 74.8 114.8

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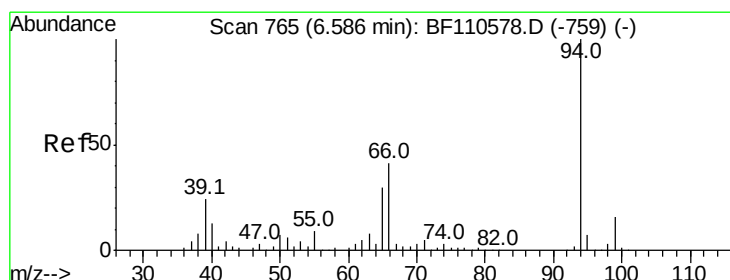
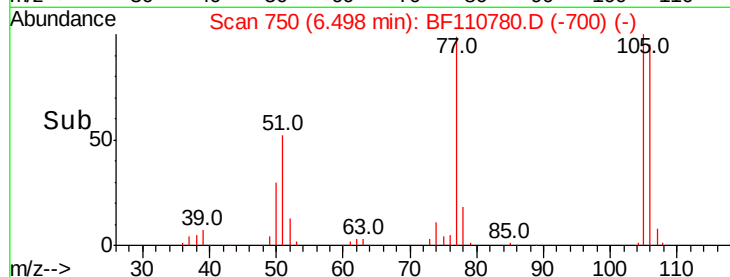
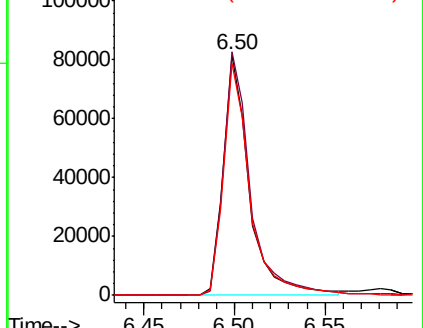
11/15/2018 10:59:31 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 32.797 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

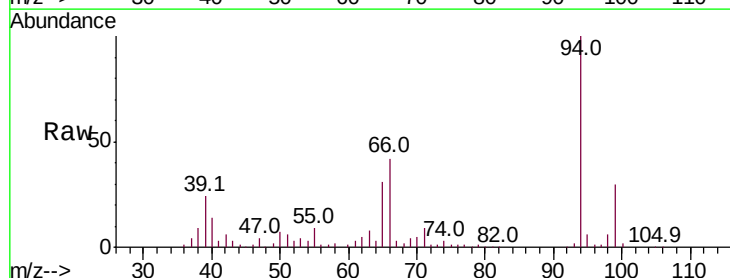
Tgt Ion: 94 Resp: 187385

Ion Ratio Lower Upper

94 100

65 30.9 25.3 65.3

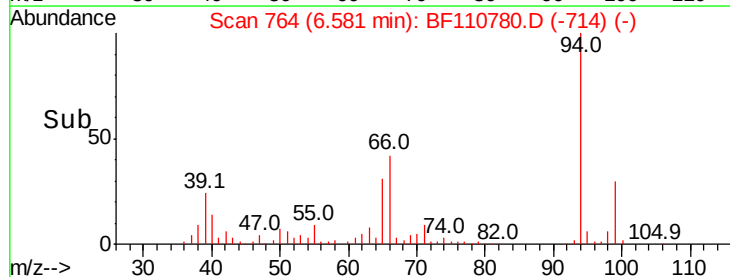
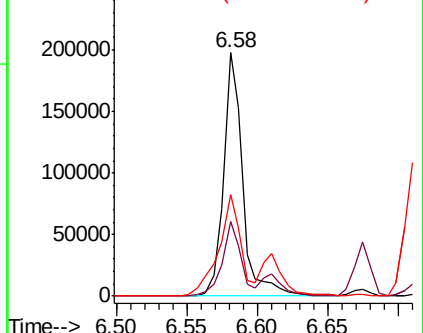
66 41.6 54.5 94.5#

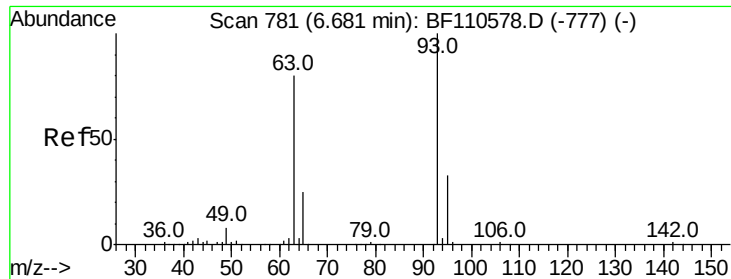


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





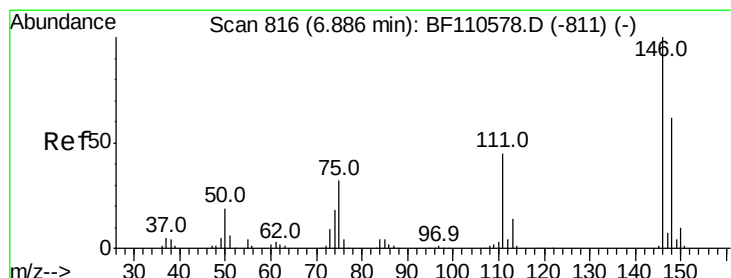
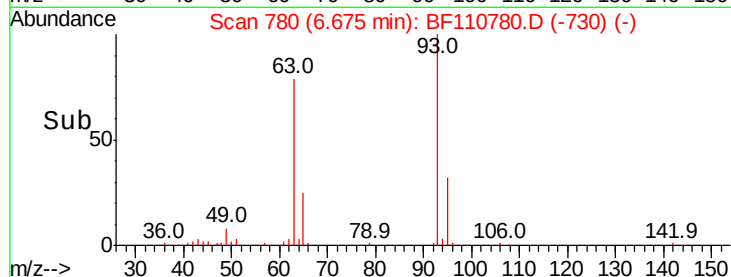
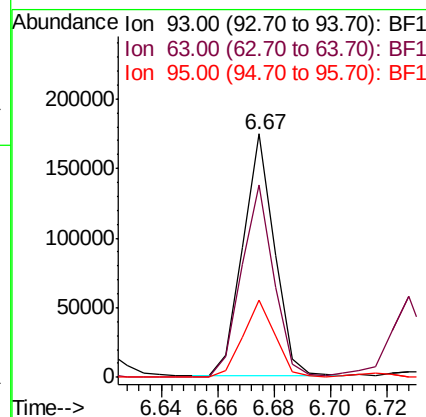
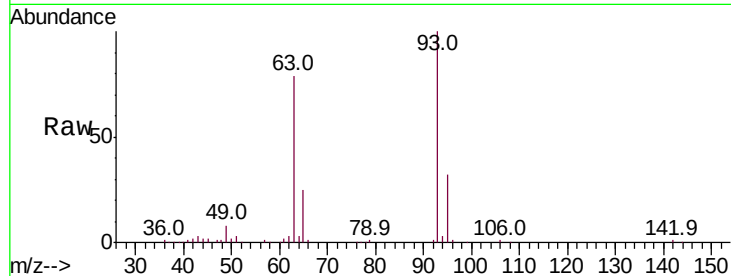
#11
bis(2-Chloroethyl)ether
Concen: 31.570 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.1	53.4	93.4
95	32.0	12.1	52.1

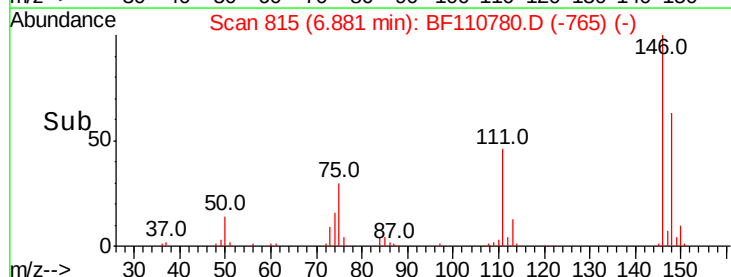
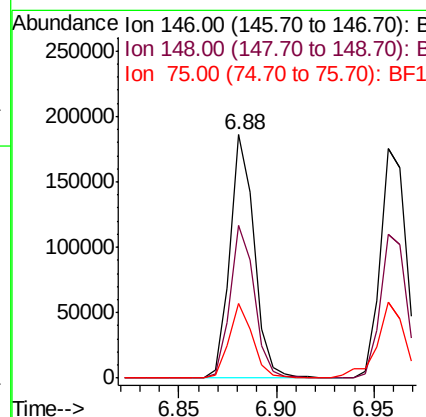
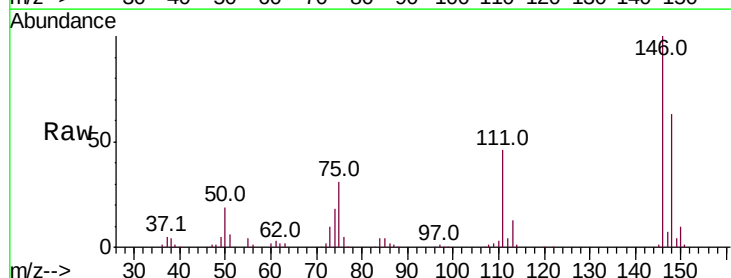
Manual Integrations
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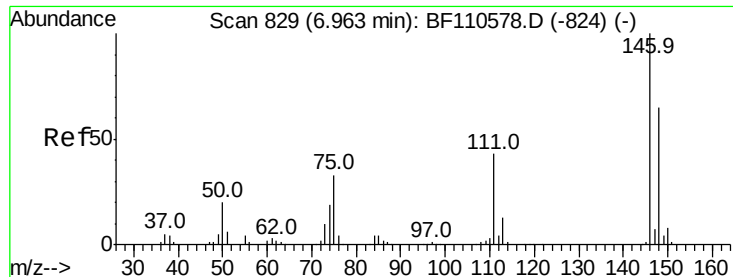
Sohil
11/15/2018 10:59:31 AM



#12
1,3-Dichlorobenzene
Concen: 32.535 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
75	30.8	25.8	38.6





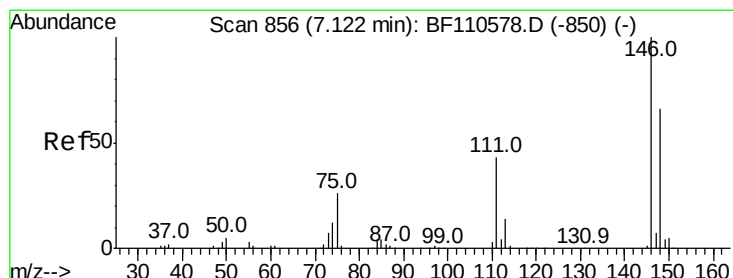
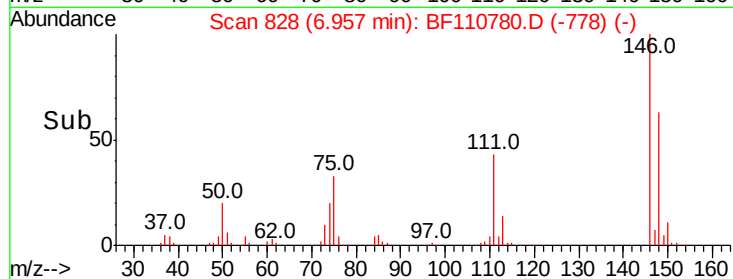
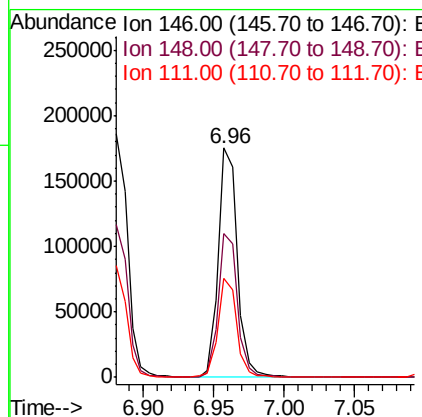
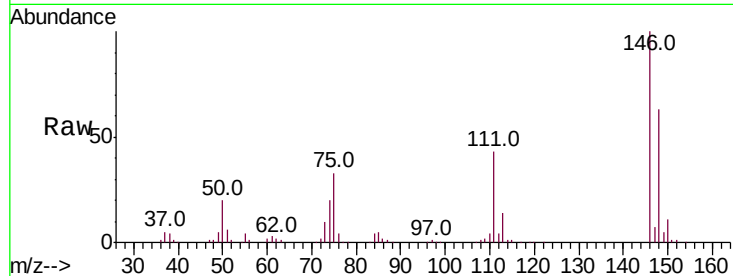
#13
 1,4-Dichlorobenzene
 Concen: 32.988 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Instrument :
 BNA_F
 ClientSampled :
 PB114818BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	43.3	32.7	49.1

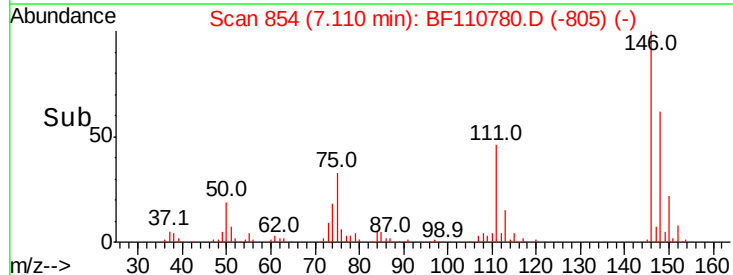
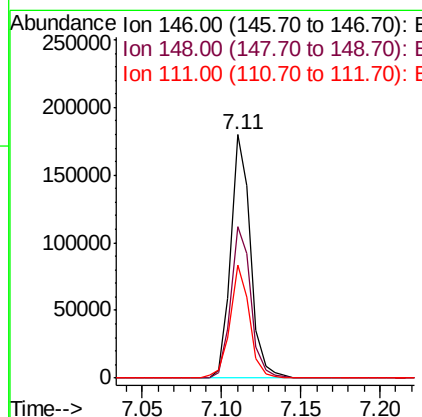
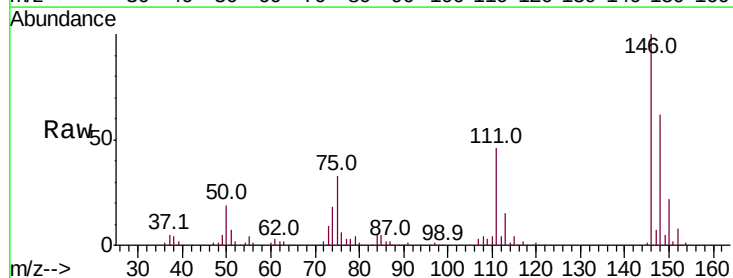
Manual Integrations
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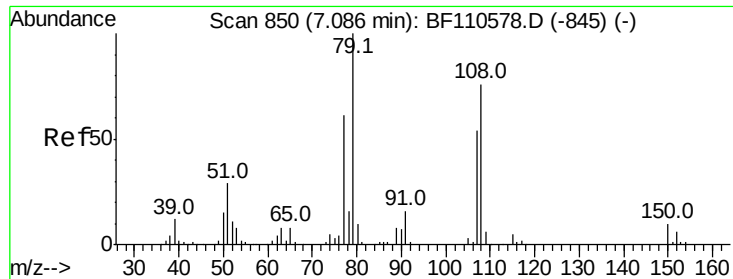
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 11/15/2018 10:59:31 AM



#14
 1,2-Dichlorobenzene
 Concen: 33.215 ng
 RT: 7.11 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.1	76.7
111	46.3	35.8	53.6





#15

Benzyl Alcohol

Concen: 34.189 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

Tot Ion: 79 Resp: 131832

Ion Ratio Lower Upper

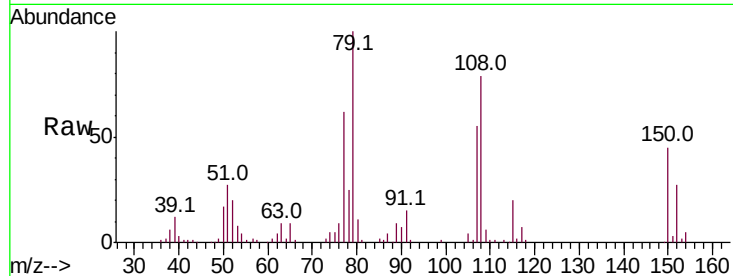
79 100

108 79.3 56.3 84.5

77 62.1 52.9 79.3

Manual Integrations
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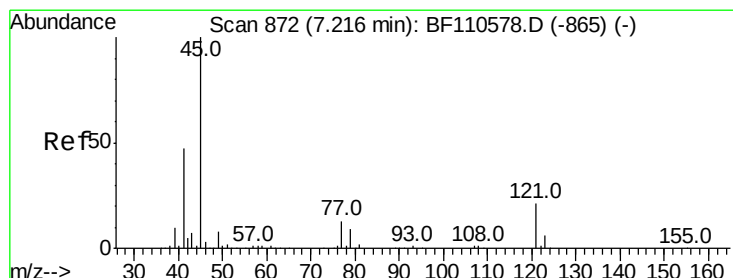
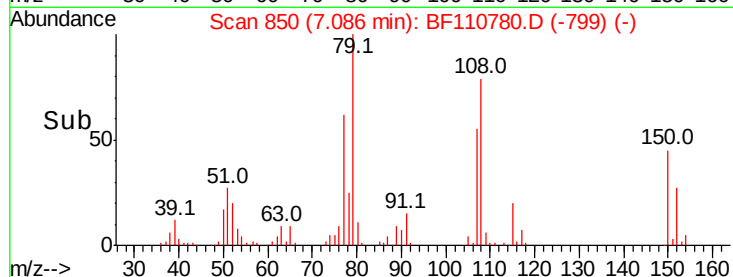
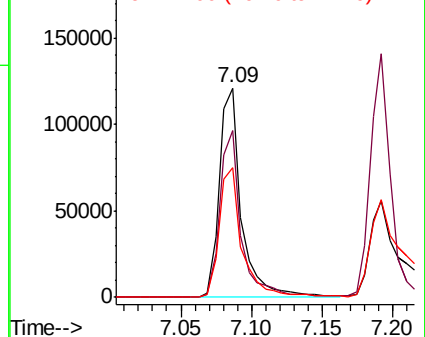
Sohil
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.557 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

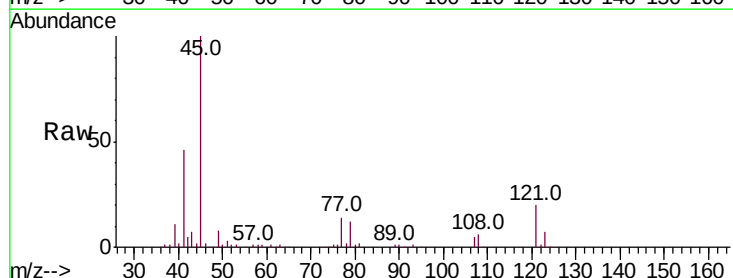
Tgt Ion: 45 Resp: 218924

Ion Ratio Lower Upper

45 100

77 14.4 10.0 50.0

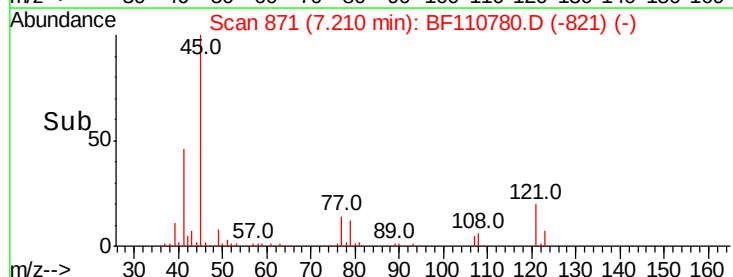
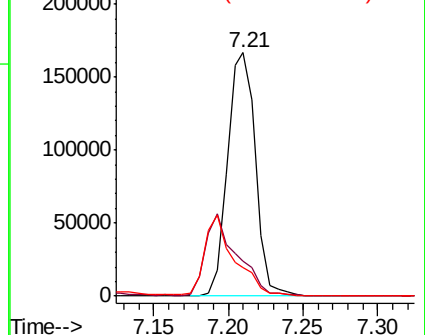
79 11.8 6.1 46.1

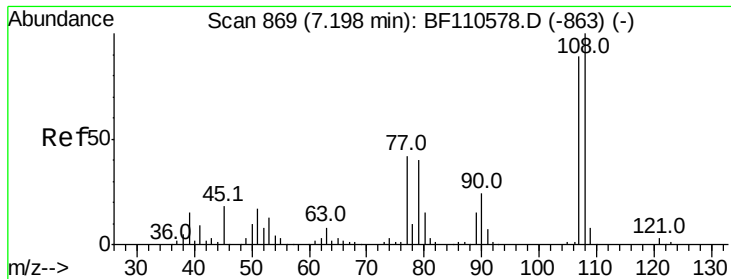


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 34.739 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

Tot Ion:107 Resp: 124888

Ion Ratio Lower Upper

107 100

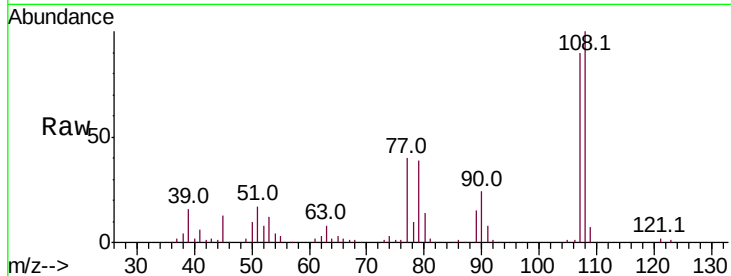
108 111.0 92.6 138.8

77 44.7 59.4 89.2#

79 43.7 54.0 81.0#

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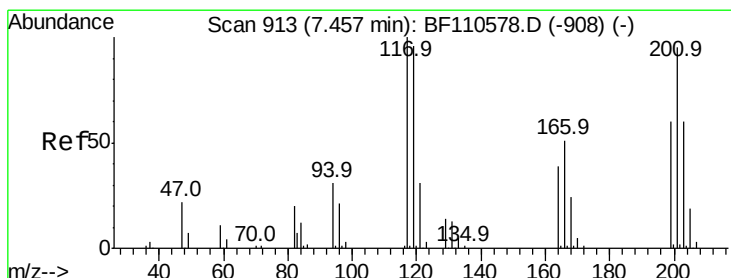
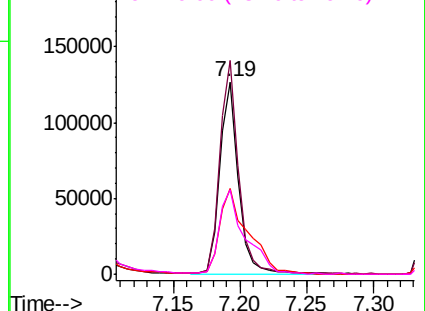
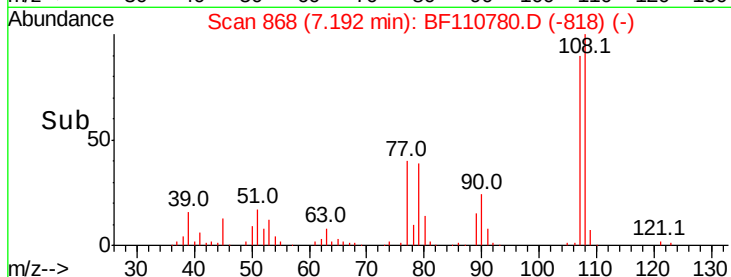
Abundance

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: 31.630 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

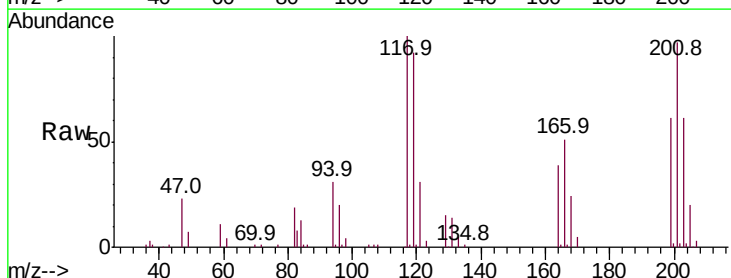
Tgt Ion:117 Resp: 58605

Ion Ratio Lower Upper

117 100

119 91.5 75.0 112.6

201 96.9 79.2 118.8

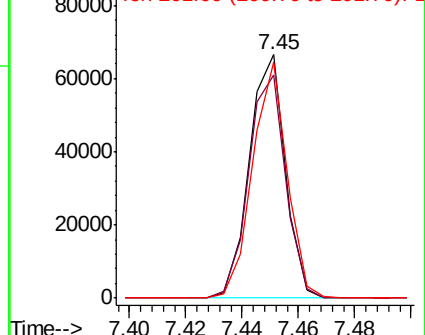
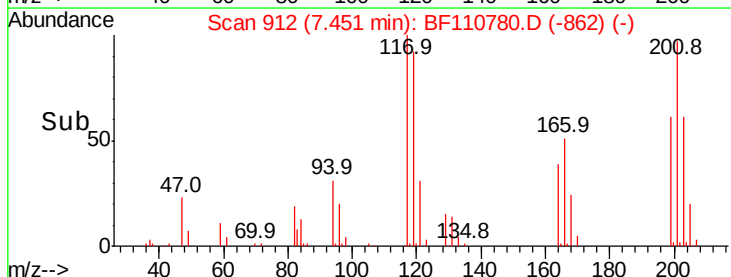


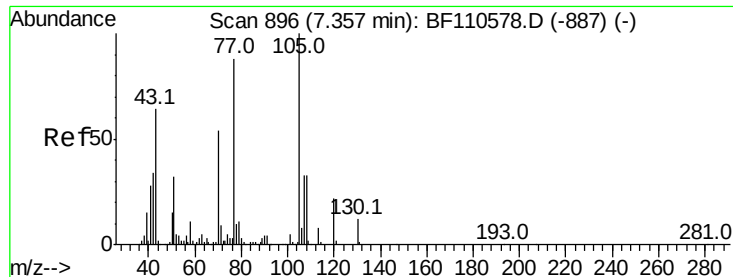
Abundance

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





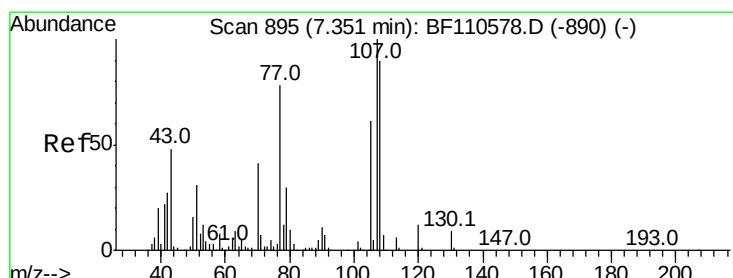
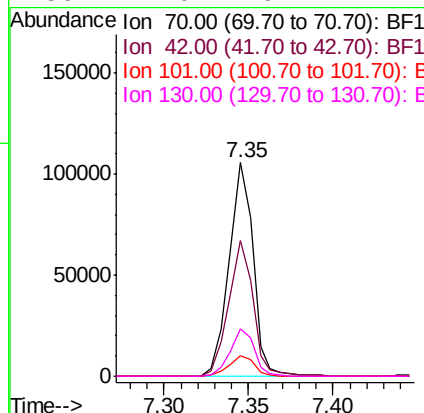
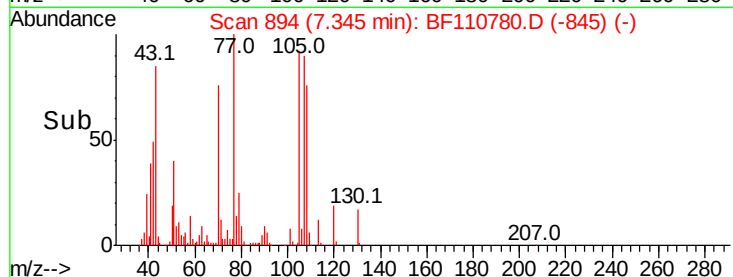
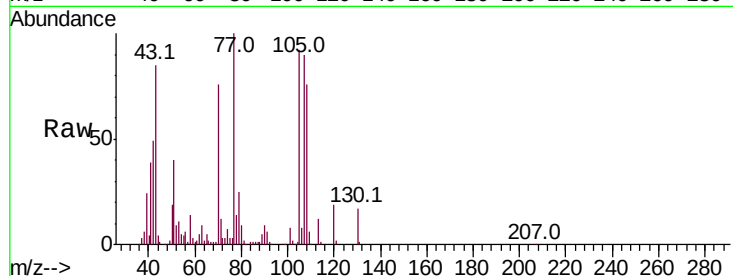
#19
n-Nitroso-di-n-propylamine
Concen: 33.150 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.7	47.4	71.2
101	9.9	7.3	10.9
130	22.0	16.2	24.2

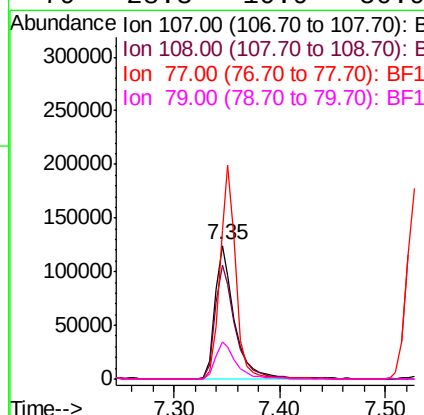
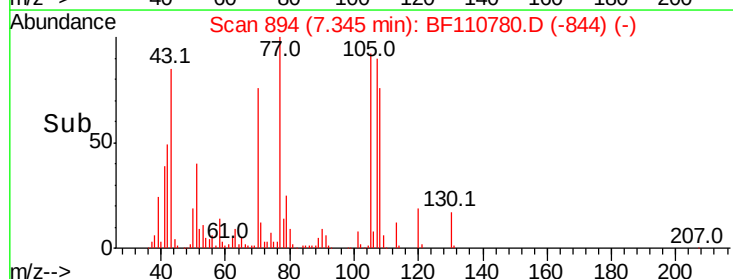
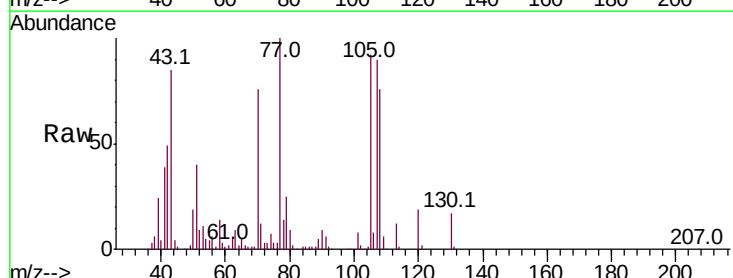
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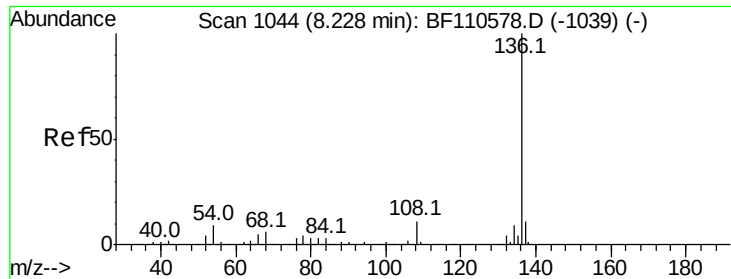
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#20
3+4-Methylphenols
Concen: 35.141 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.0	71.4	111.4
77	111.4	47.3	87.3#
79	28.3	10.9	50.9





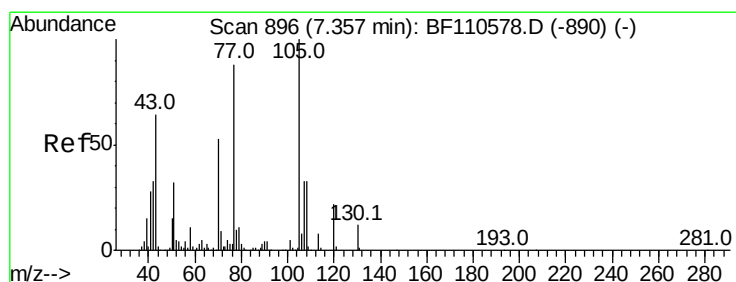
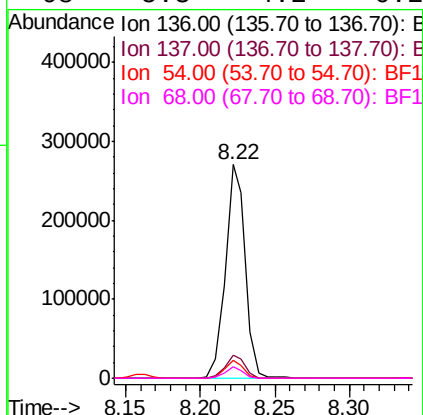
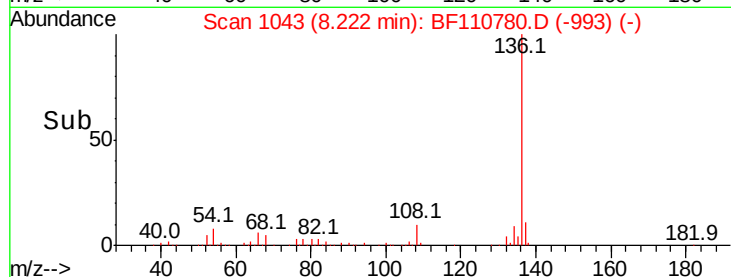
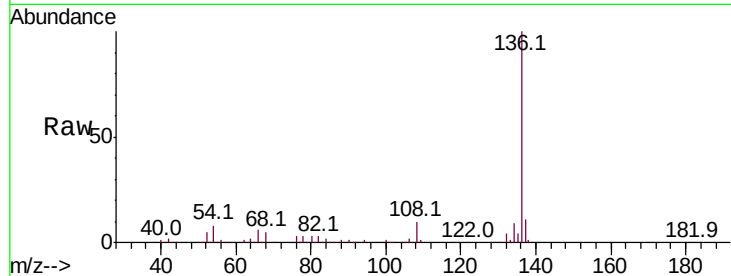
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.8	13.2	
54	8.1	5.4	8.2	
68	5.3	4.2	6.2	

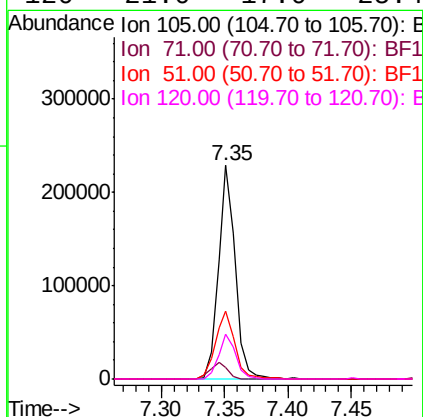
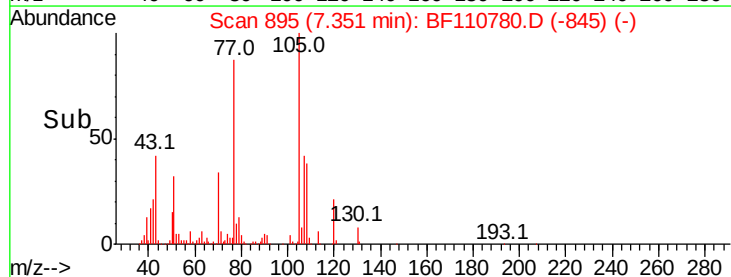
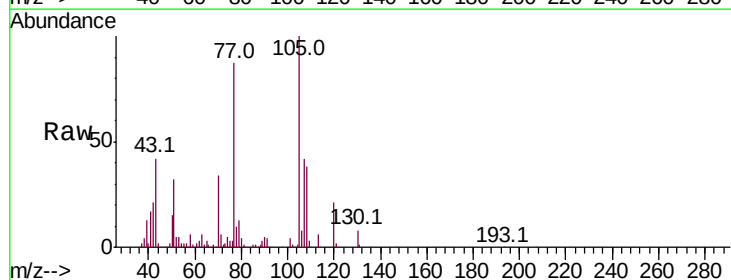
Manual Integrations
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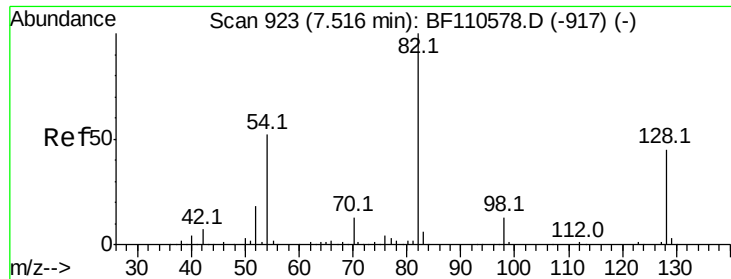
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#22
Acetophenone
Concen: 36.145 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.6	5.2	7.8	
51	31.8	21.8	32.8	
120	21.0	17.0	25.4	





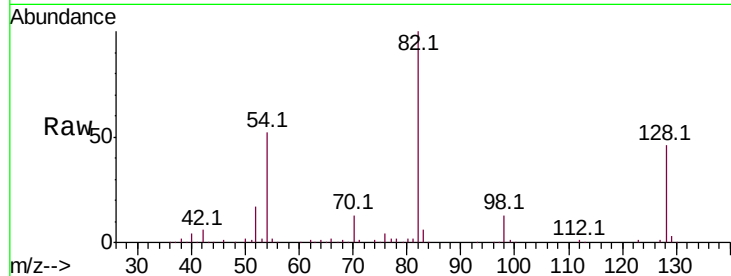
#23
Nitrobenzene-d5
Concen: 65.320 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

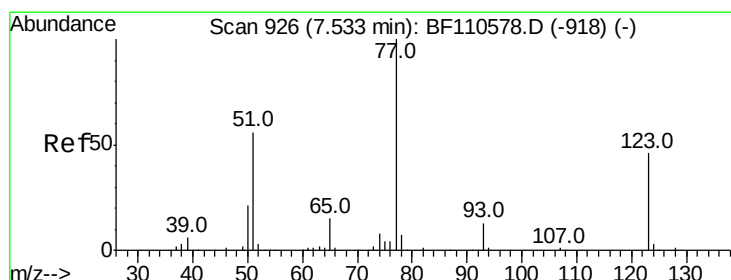
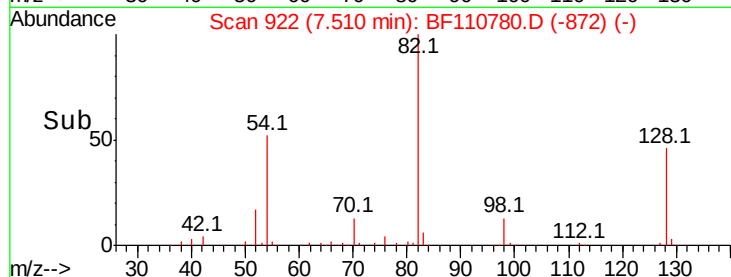
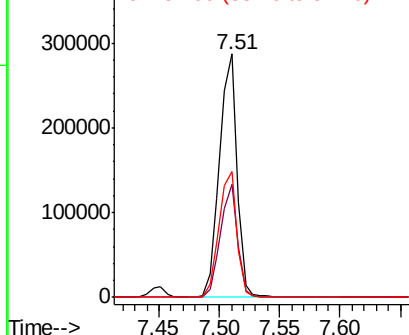
Tot Ion	Ratio	Resp	Lower	Upper
82	100	287893		
128	46.3	34.2	51.2	
54	51.8	38.6	58.0	

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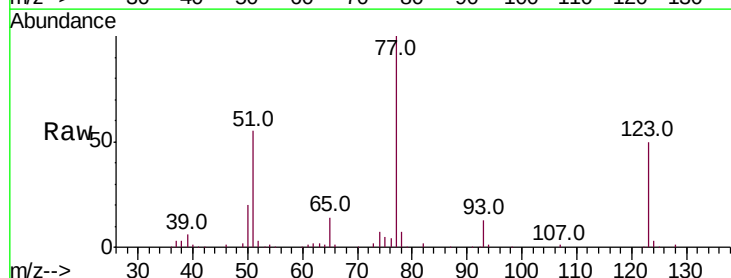


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

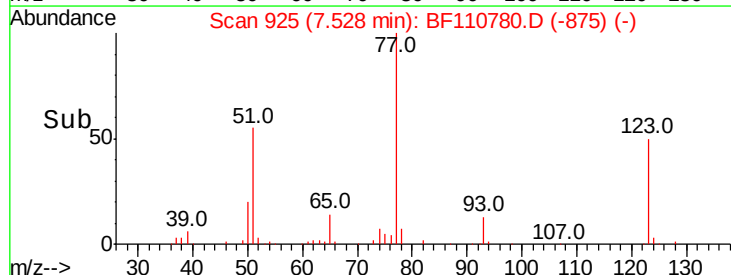
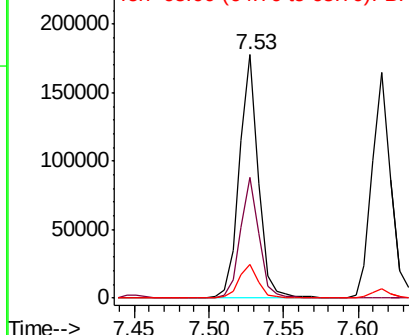


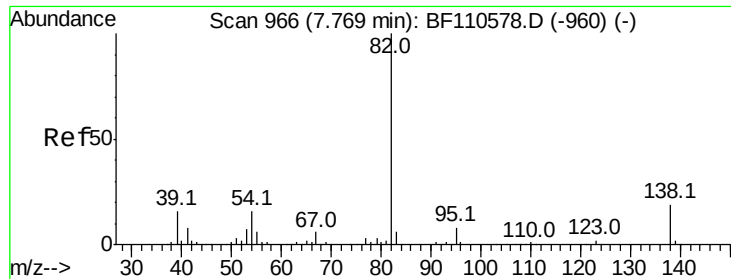
#24
Nitrobenzene
Concen: 34.740 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	156876		
123	49.6	35.7	53.5	
65	14.0	10.7	16.1	



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





#25

Isophorone

Concen: 39.738 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

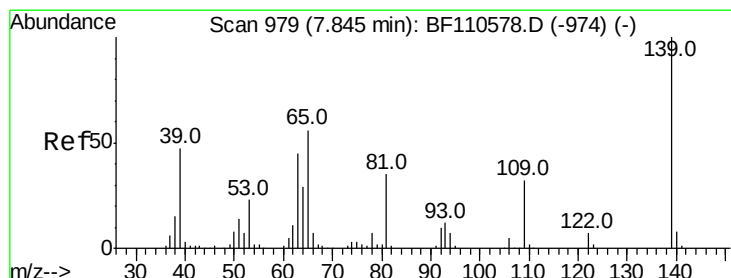
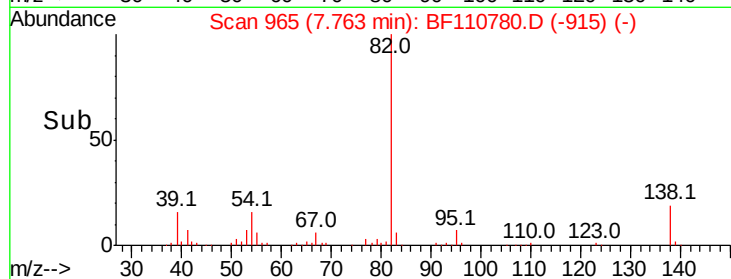
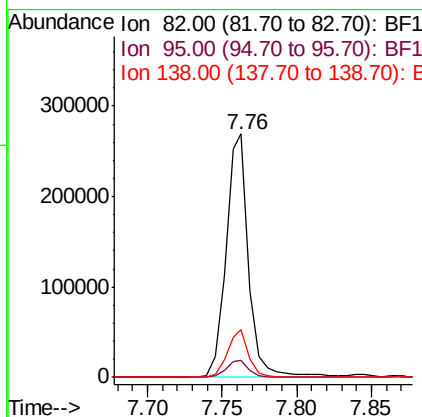
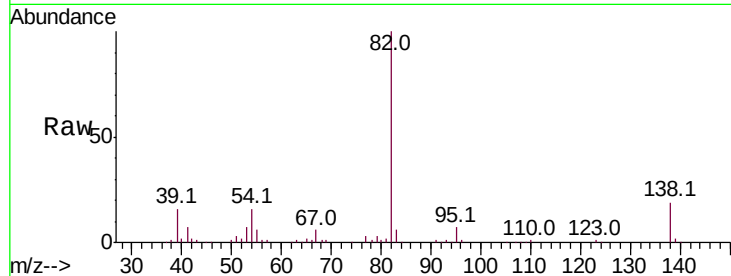
ClientSampleId :

PB114818BS

Tot Ion:	82	Resp:	287064
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.7	8.5
138	19.5	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.120 ng

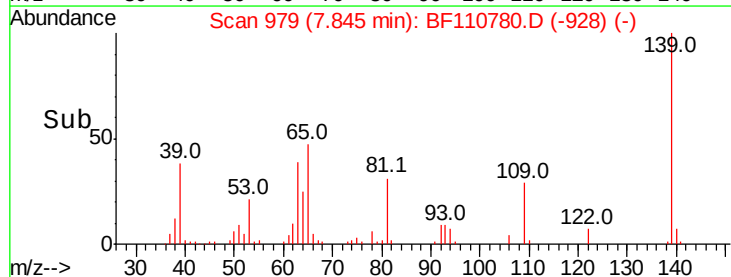
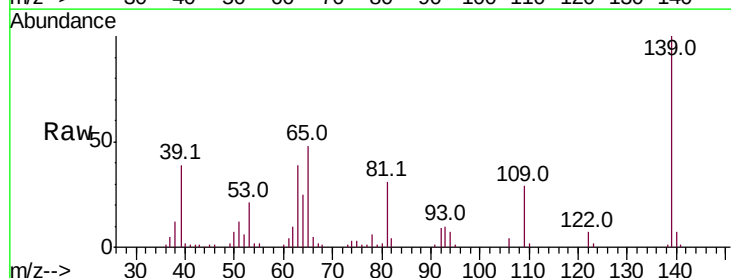
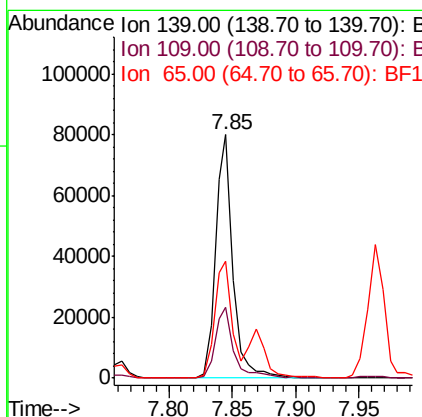
RT: 7.85 min Scan# 979

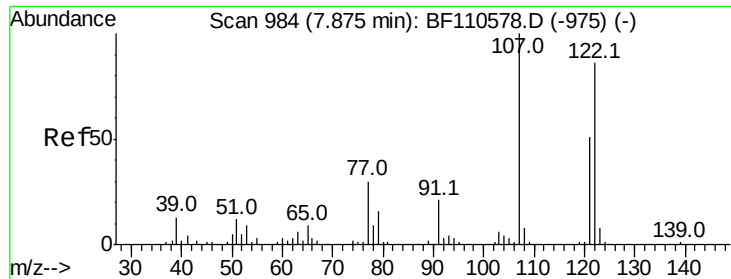
Delta R.T. 0.00 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Tgt Ion:	139	Resp:	76865
Ion Ratio	Lower	Upper	
139	100		
109	29.0	25.0	37.6
65	48.0	44.0	66.0





#27

2,4-Dimethylphenol

Concen: 41.138 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

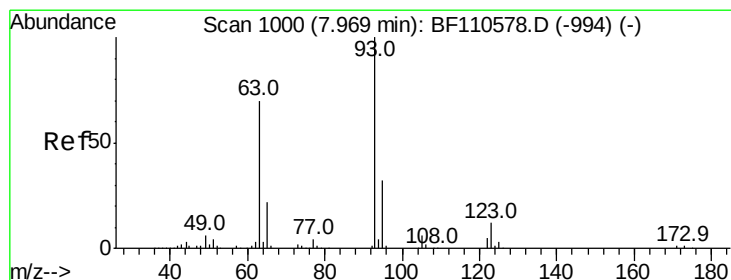
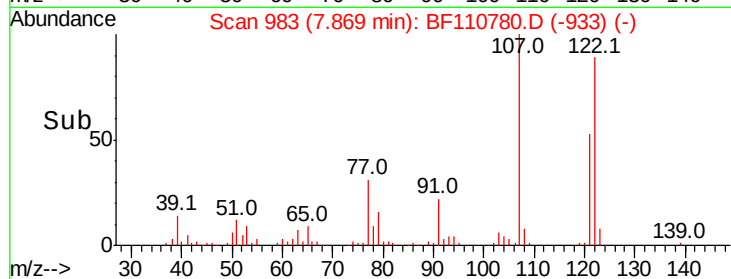
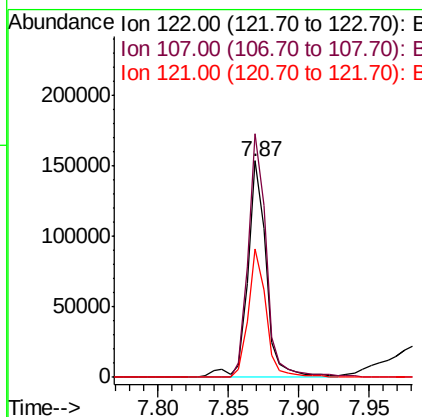
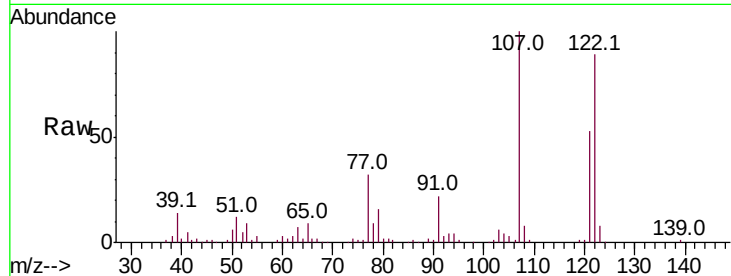
ClientSampleId :

PB114818BS

Tot Ion:	122	Resp:	141138
Ion Ratio	Lower	Upper	
122	100		
107	112.7	92.5	138.7
121	59.2	45.8	68.8

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#28

bis(2-Chloroethoxy)methane

Concen: 36.690 ng

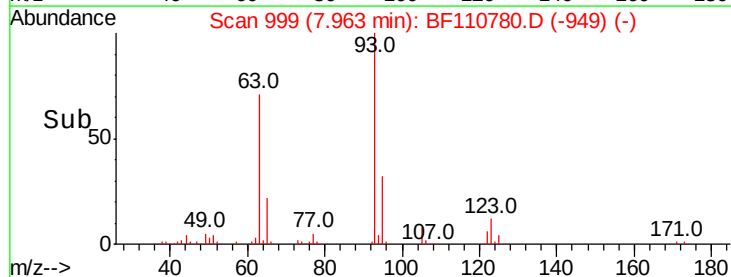
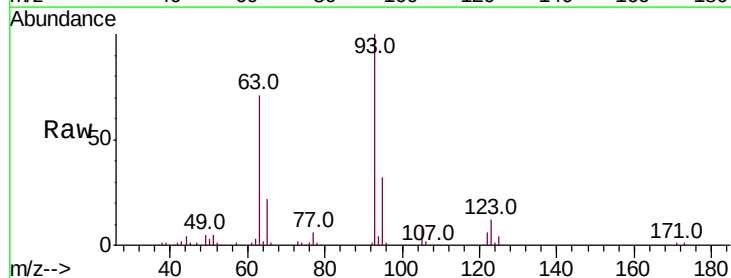
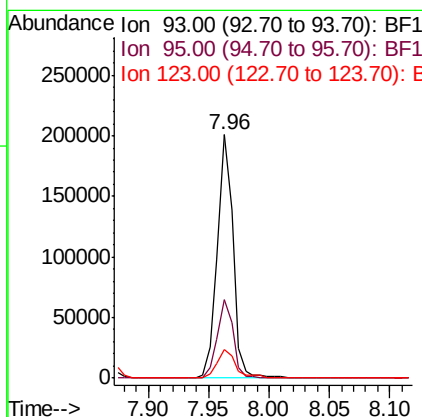
RT: 7.96 min Scan# 999

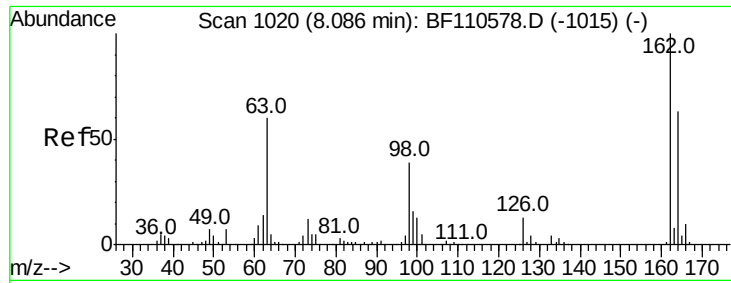
Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Tgt Ion:	93	Resp:	179451
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.4	39.6
123	11.5	9.0	13.6





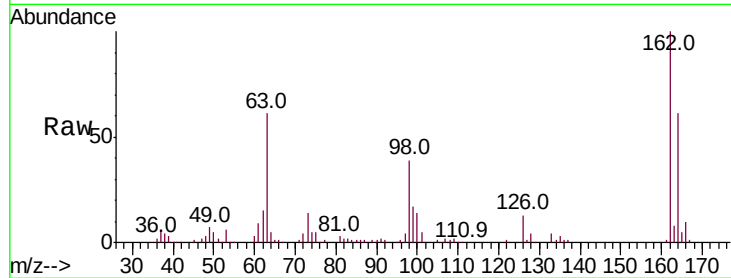
#29
 2,4-Dichlorophenol
 Concen: 37.161 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

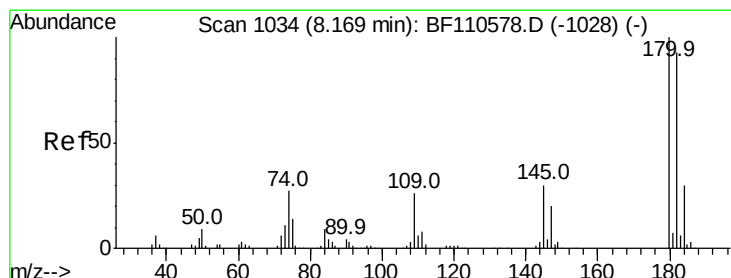
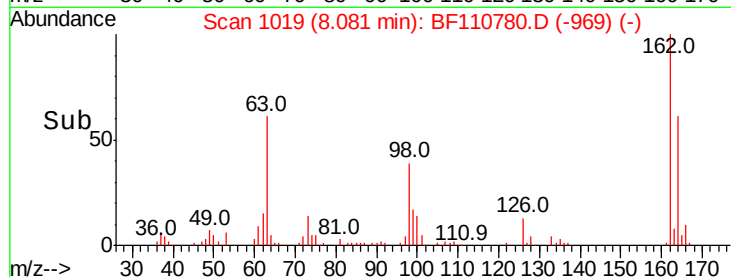
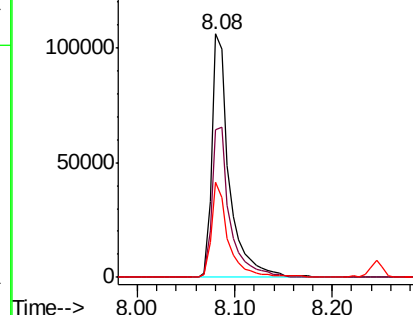
Tot Ion	Ratio	Resp	Lower	Upper
162	100	131187		
164	60.9	44.6	84.6	
98	38.9	17.4	57.4	

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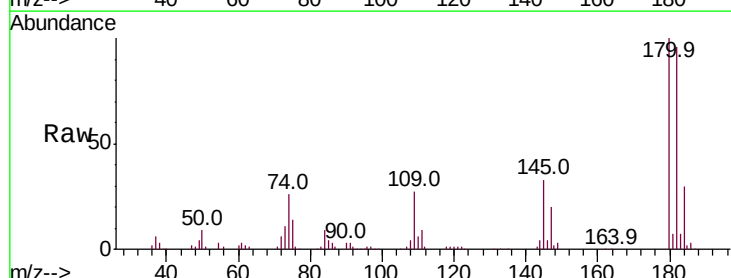


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

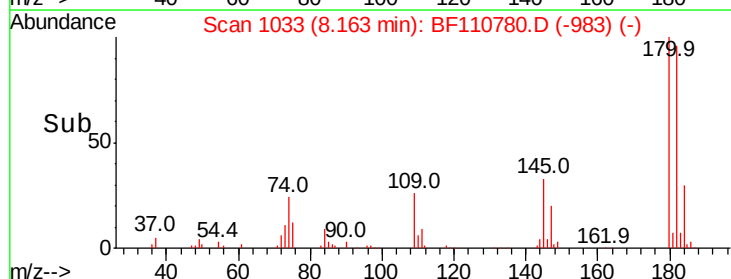
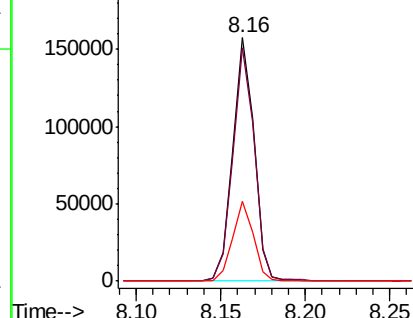


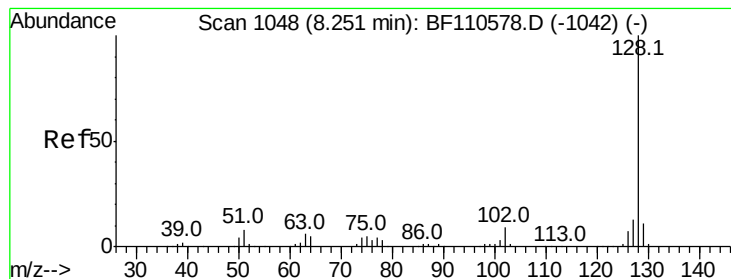
#30
 1,2,4-Trichlorobenzene
 Concen: 34.647 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	137906		
182	96.0	80.3	120.5	
145	32.7	25.4	38.0	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.882 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

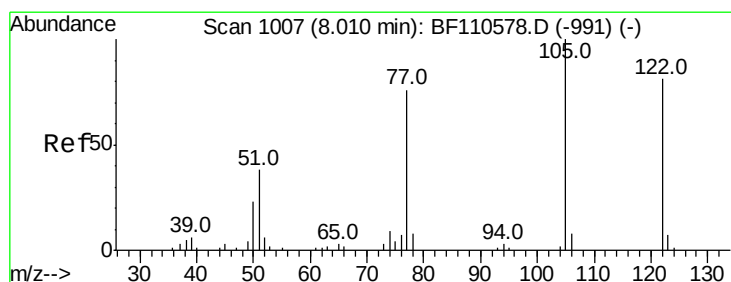
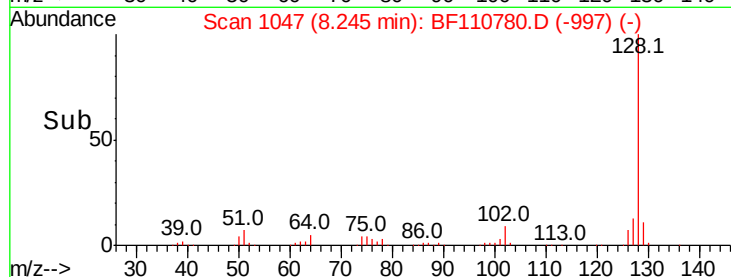
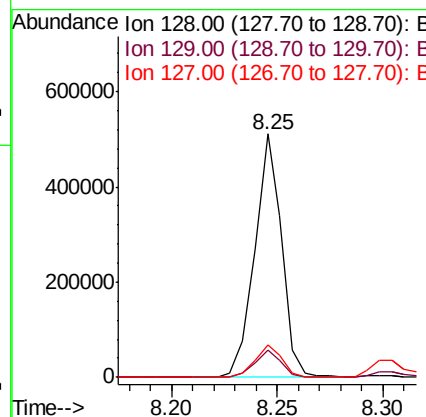
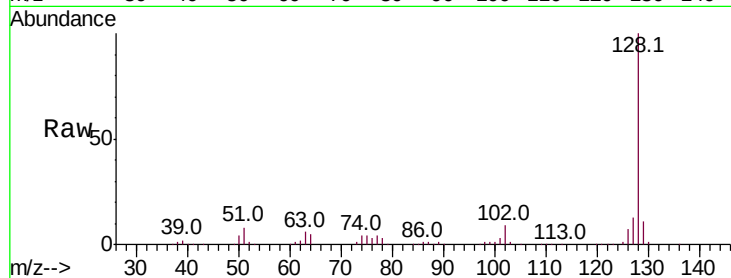
ClientSampleId :

PB114818BS

Tot Ion:	128	Resp:	451382
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.3	10.8	16.2

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#32

Benzoic acid

Concen: 25.611 ng

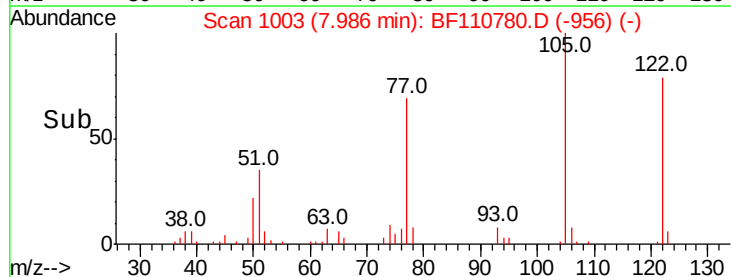
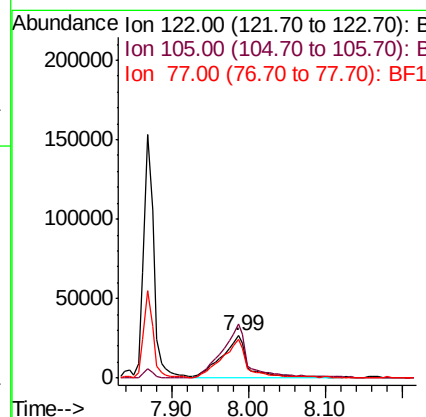
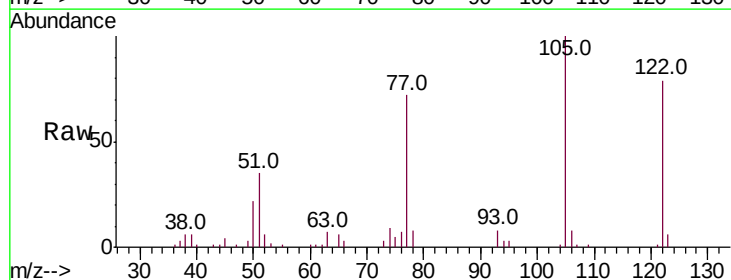
RT: 7.99 min Scan# 1003

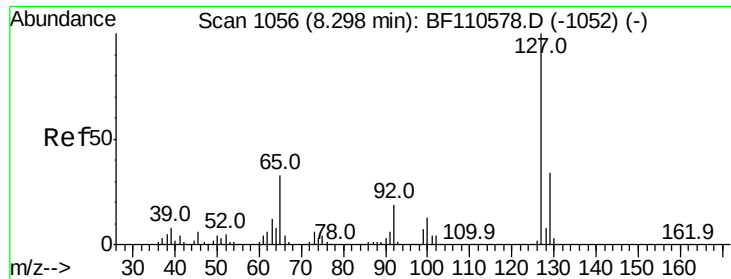
Delta R.T. -0.02 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Tgt Ion:	122	Resp:	62170
Ion Ratio	Lower	Upper	
122	100		
105	127.2	109.0	149.0
77	91.4	79.0	119.0





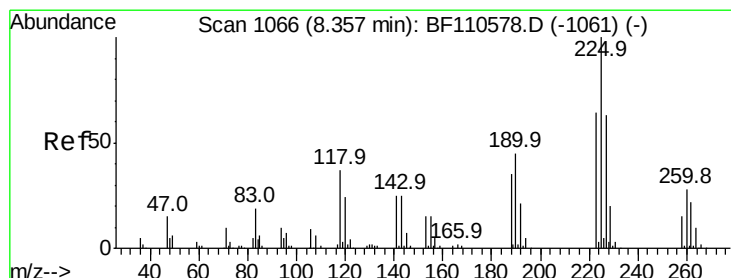
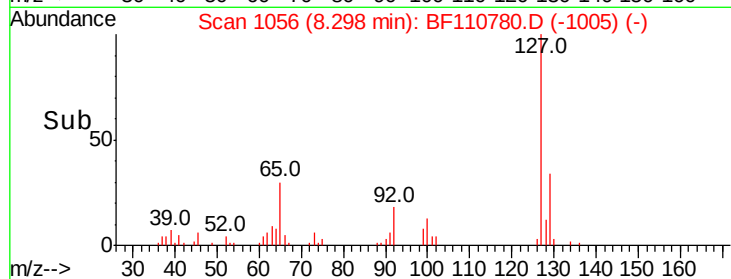
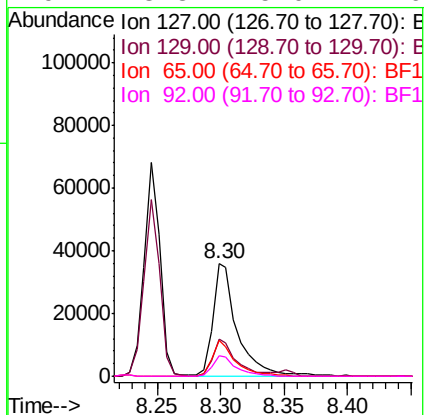
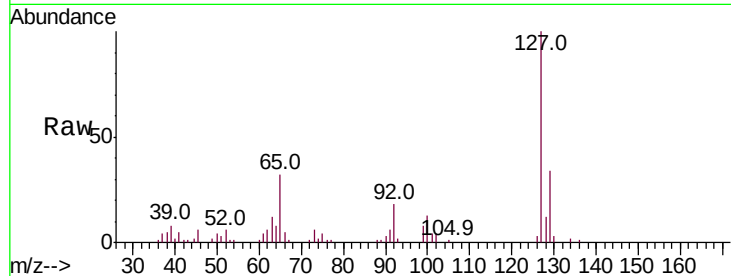
#33
4-Chloroaniline
Concen: 9.005 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.0	39.0
65	31.8	25.1	37.7
92	18.3	15.0	22.6

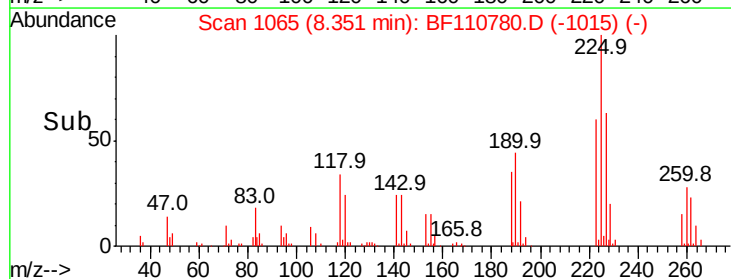
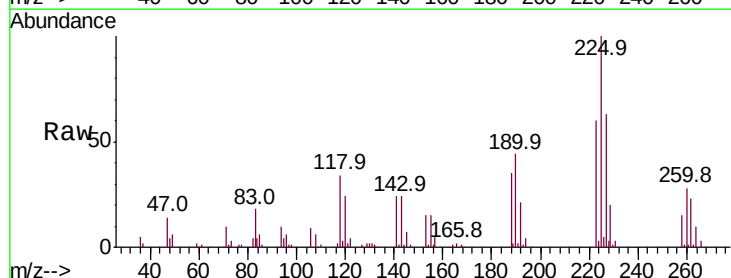
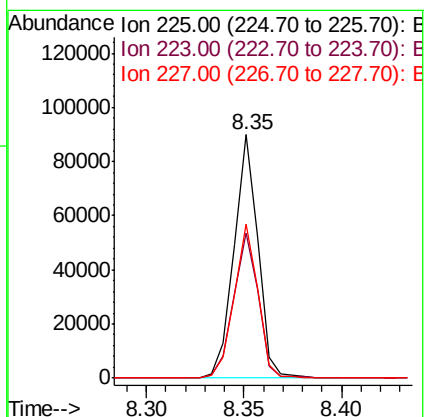
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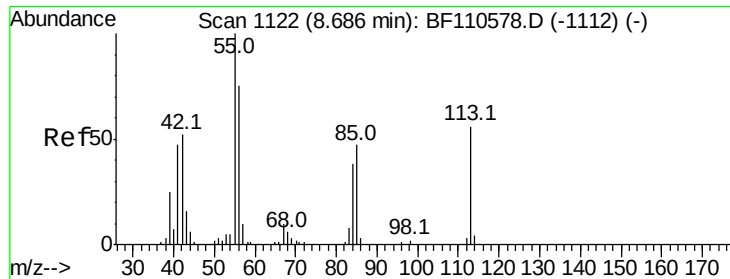
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#34
Hexachlorobutadiene
Concen: 33.598 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.6	51.4	77.2
227	63.1	51.0	76.6





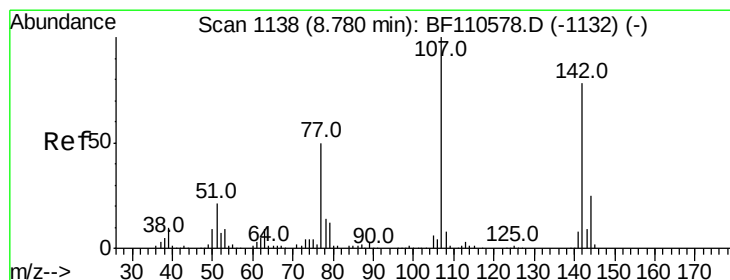
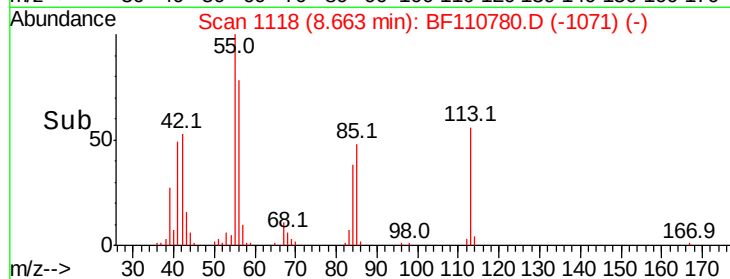
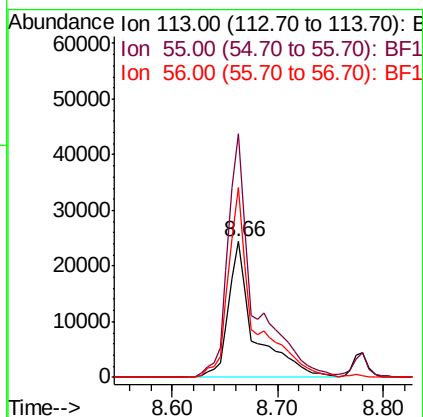
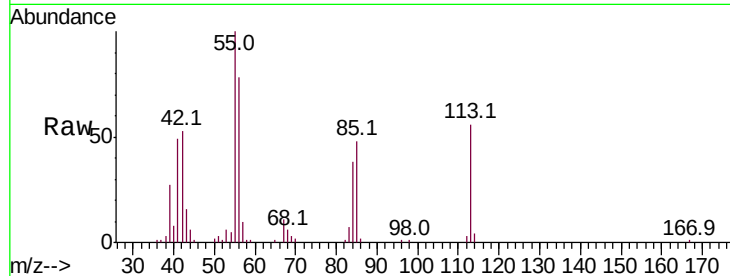
#35
 Caprolactam
 Concen: 35.096 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

Tot Ion:113 Resp: 41394
 Ion Ratio Lower Upper
 113 100
 55 179.3 142.8 182.8
 56 139.4 105.0 145.0

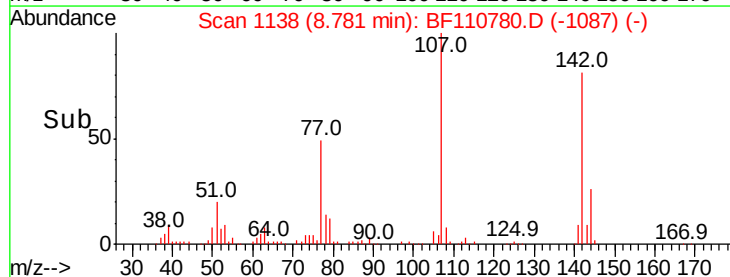
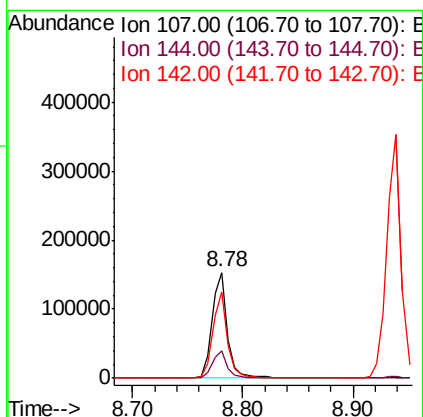
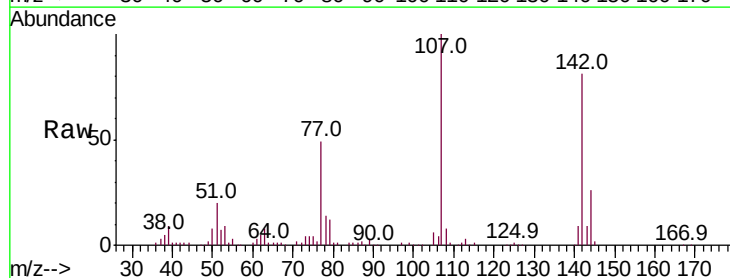
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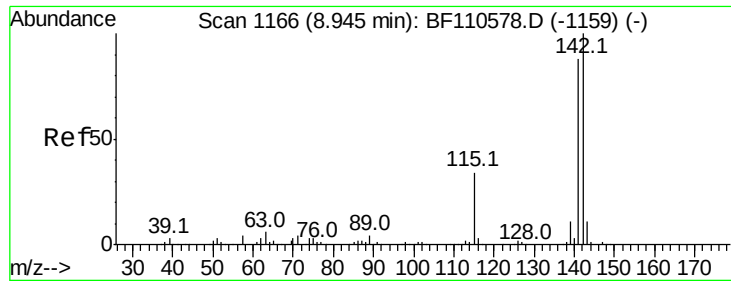
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#36
 4-Chloro-3-methylphenol
 Concen: 37.144 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Tgt Ion:107 Resp: 141419
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.0 30.0
 142 81.2 59.7 89.5





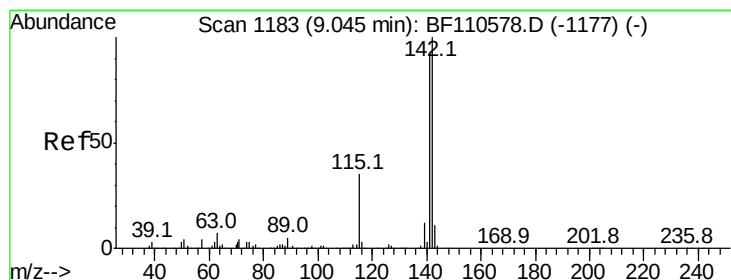
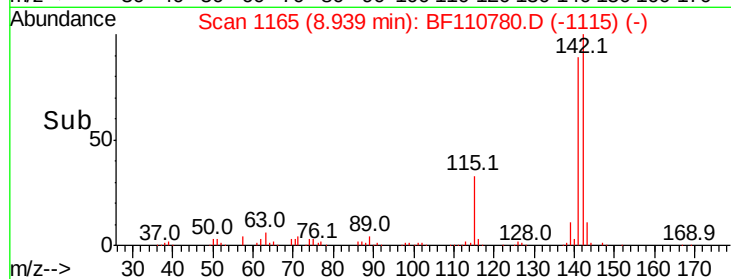
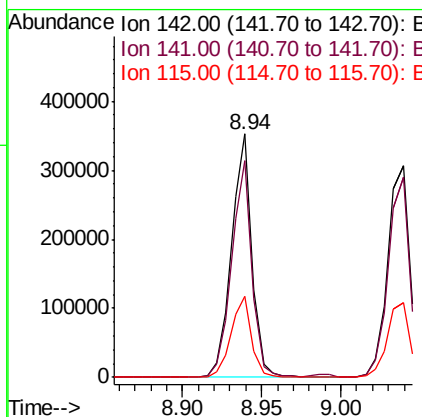
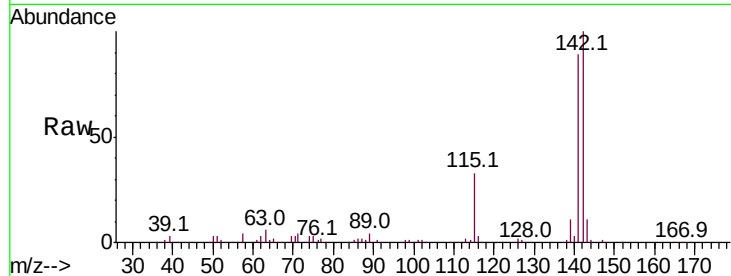
#37
2-Methylnaphthalene
Concen: 40.166 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	33.2	28.7	43.1

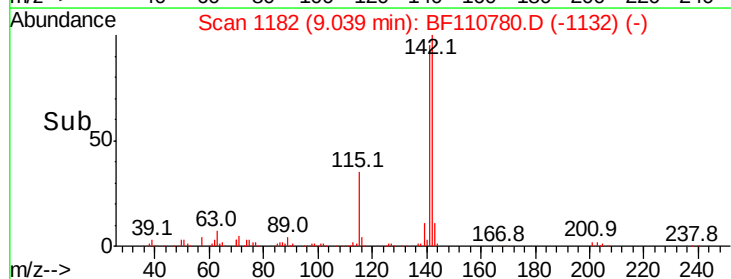
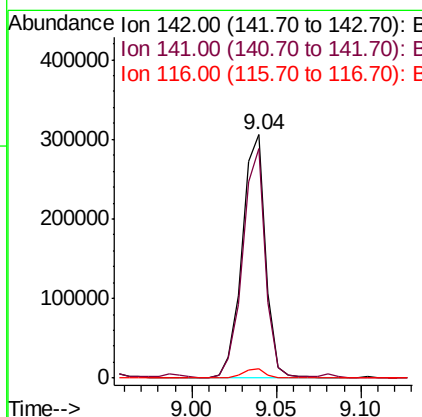
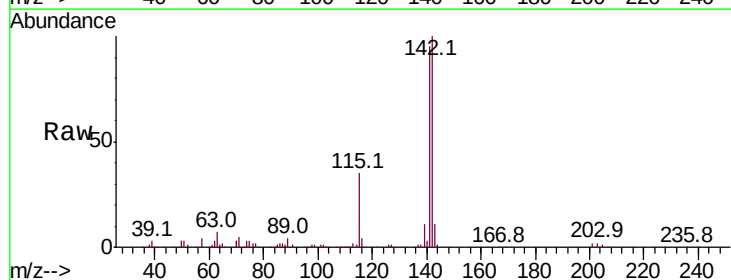
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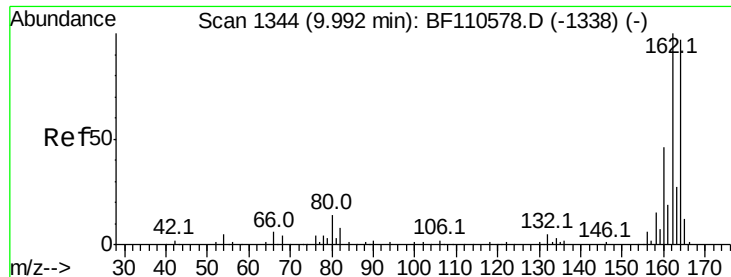
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#38
1-Methylnaphthalene
Concen: 39.315 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	74.2	111.4
116	3.7	2.6	4.0





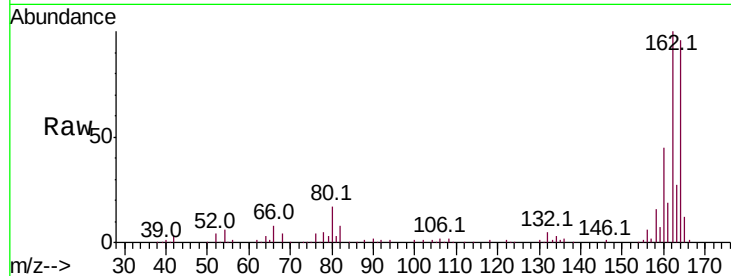
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

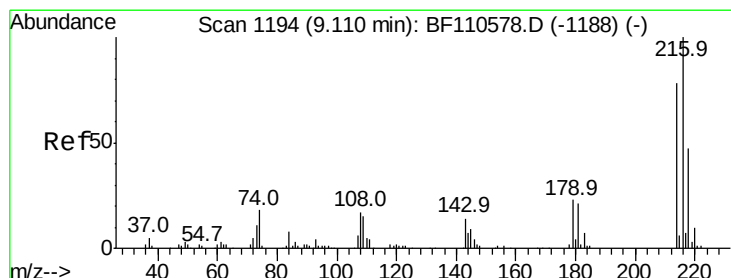
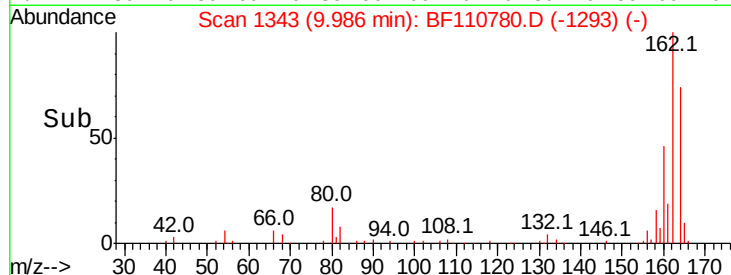
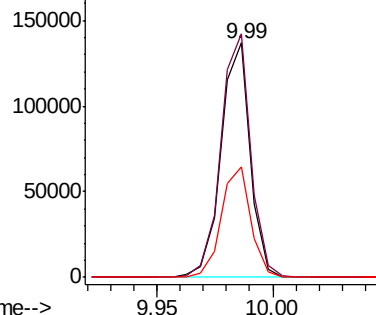
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.0	124.6
160	47.0	37.0	55.6

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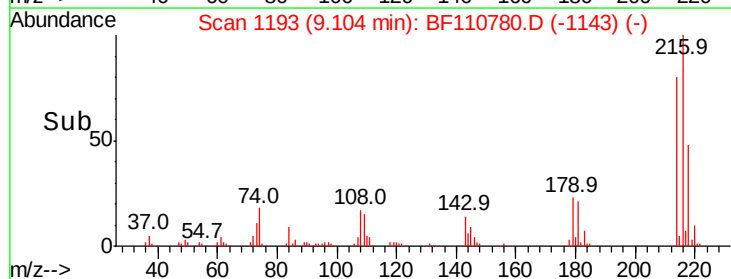
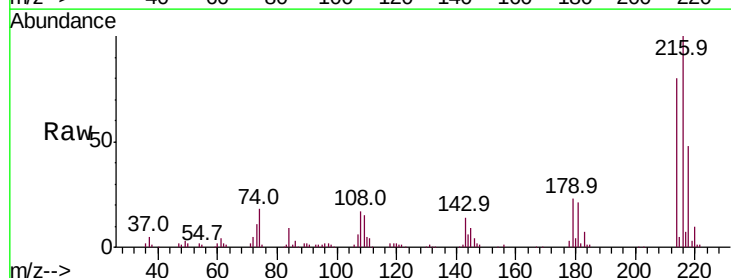
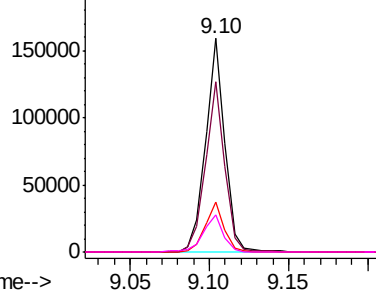
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

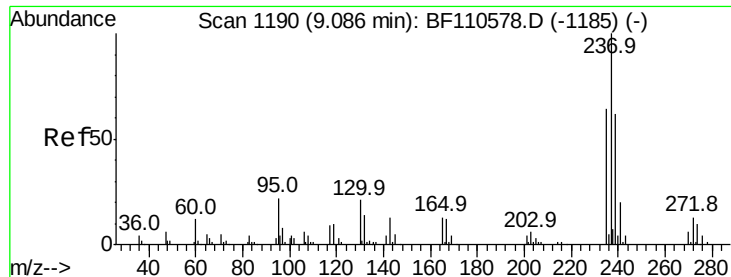


#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.040 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.6
179	22.7	16.6	25.0
108	18.1	15.1	22.7

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 21.515 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

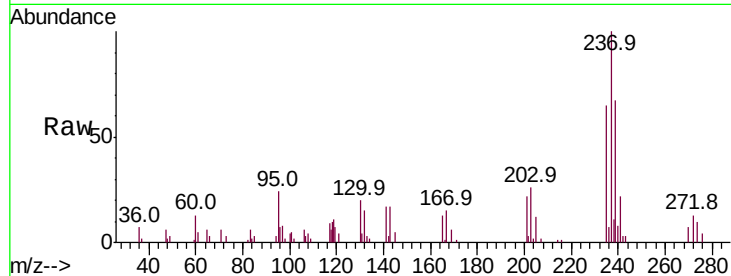
ClientSampleId :

PB114818BS

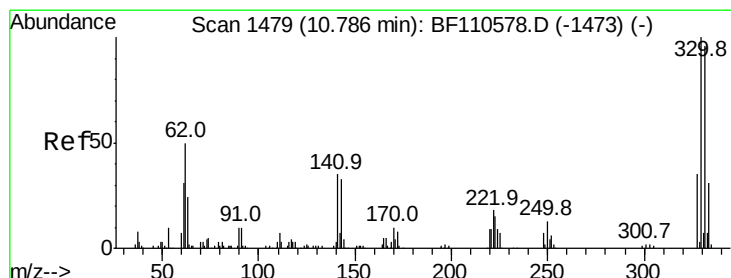
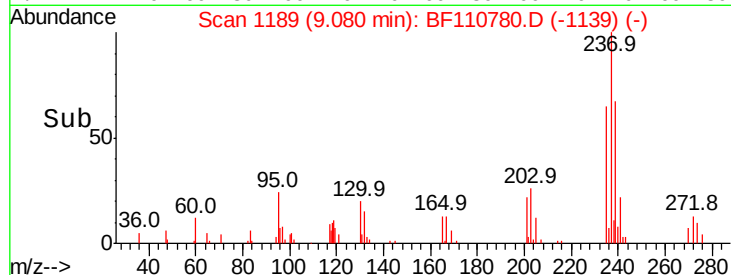
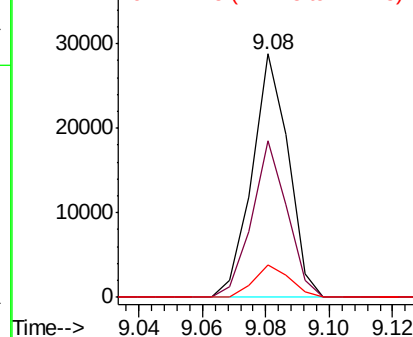
Tot Ion:	237	Resp:	22860
Ion Ratio	Lower	Upper	
237	100		
235	64.6	43.1	83.1
272	13.5	0.0	32.6

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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: 91.184 ng

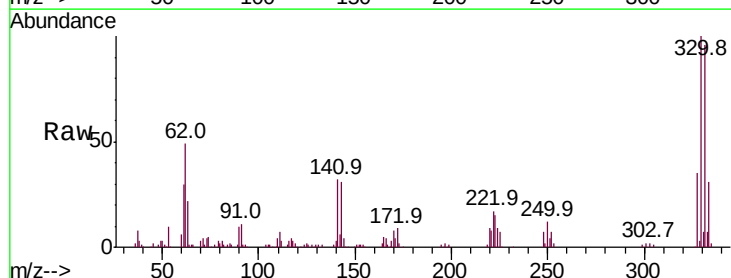
RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

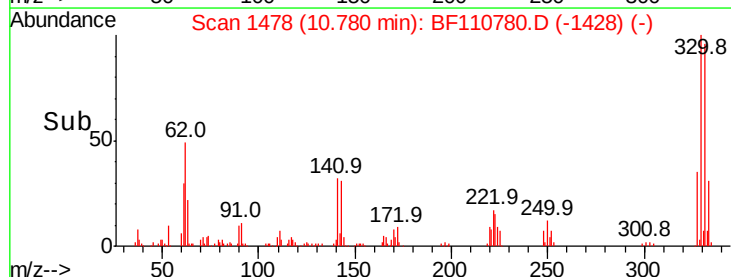
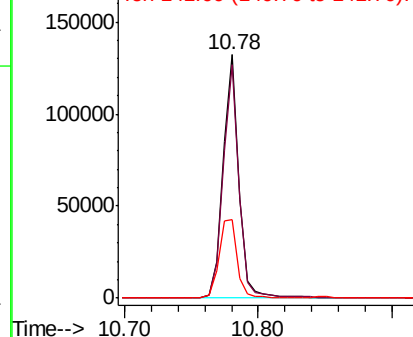
Lab File: BF110780.D

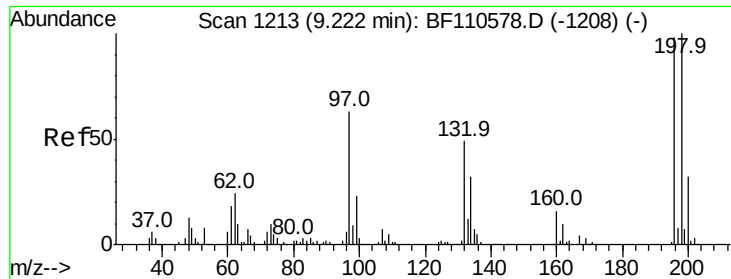
Acq: 14 Nov 2018 22:28

Tgt Ion:	330	Resp:	110851
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.1	115.7
141	37.2	27.0	40.4



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





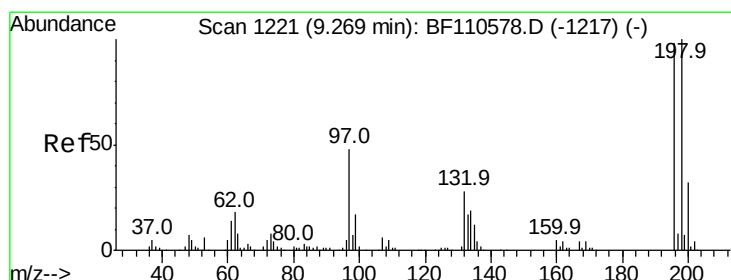
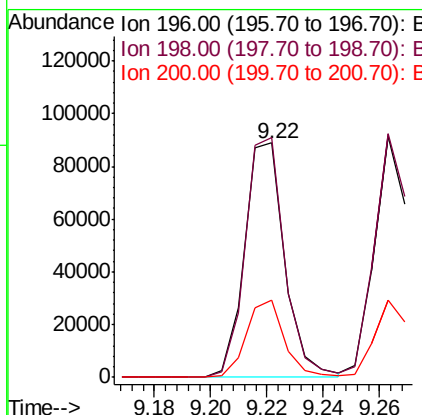
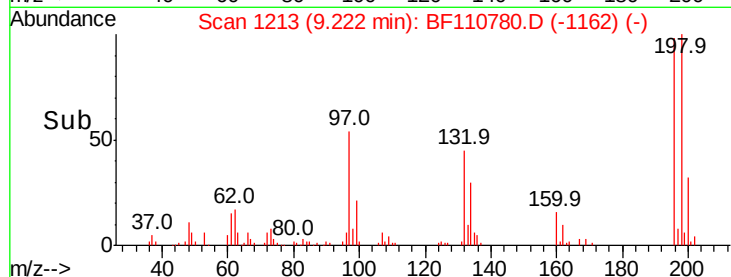
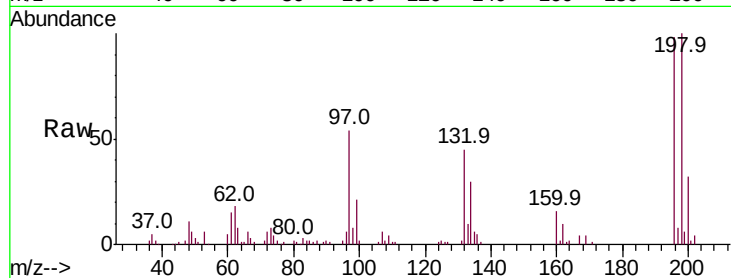
#43
 2,4,6-Trichlorophenol
 Concen: 36.561 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	87740		
198	102.1	76.2	114.4	
200	33.0	24.4	36.6	

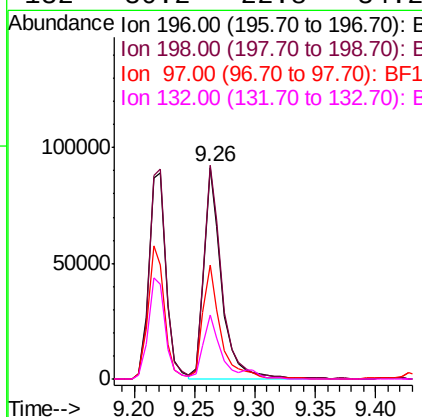
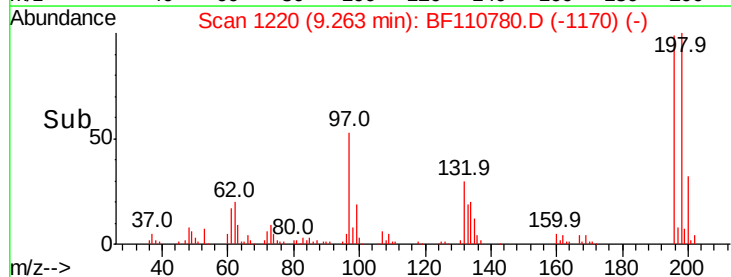
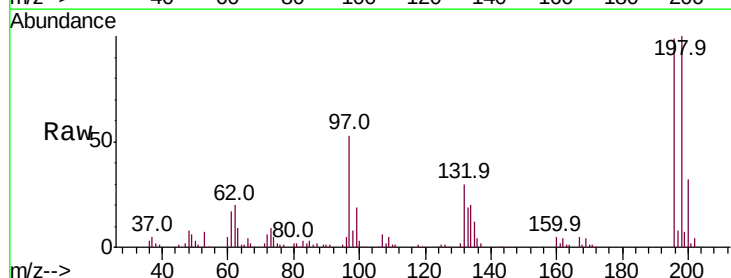
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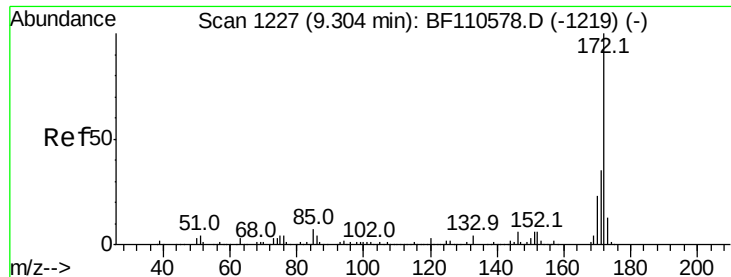
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#44
 2,4,5-Trichlorophenol
 Concen: 36.492 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	93417		
198	100.9	75.8	113.6	
97	53.6	42.4	63.6	
132	30.2	22.8	34.2	





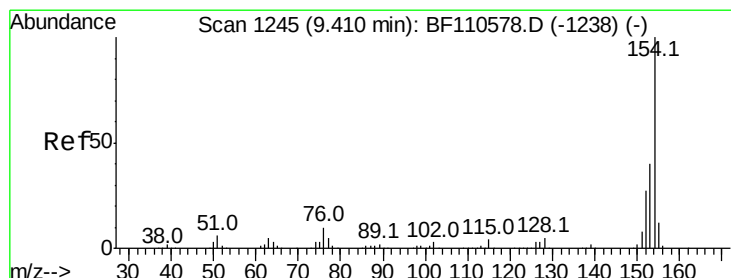
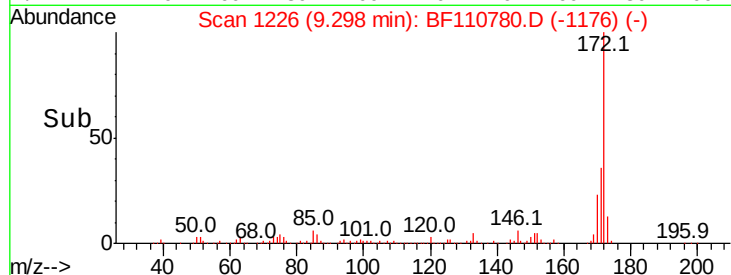
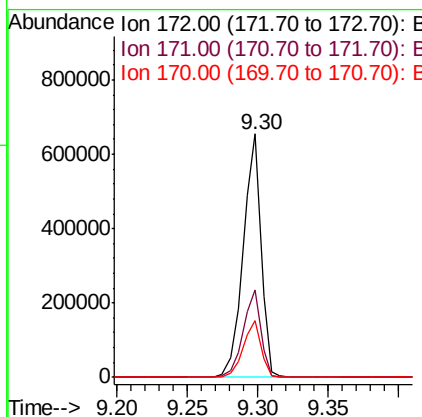
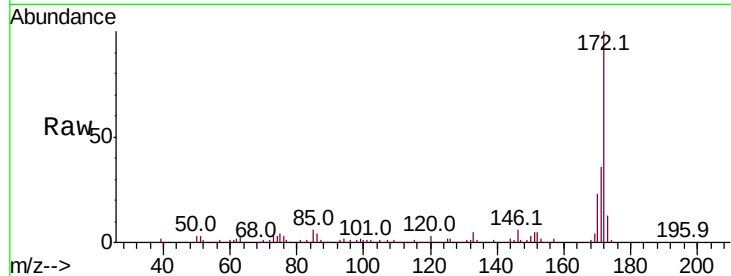
#45
2-Fluorobiphenyl
Concen: 68.328 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	577210		
171	35.7		28.6	43.0
170	23.1		19.7	29.5

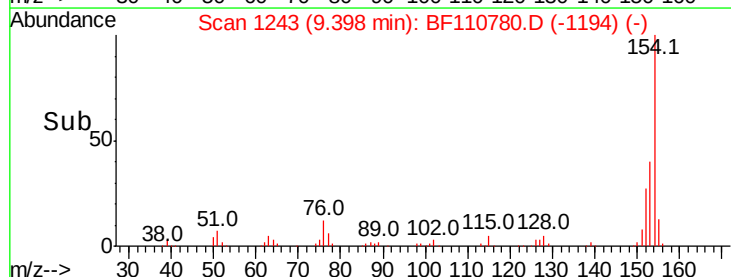
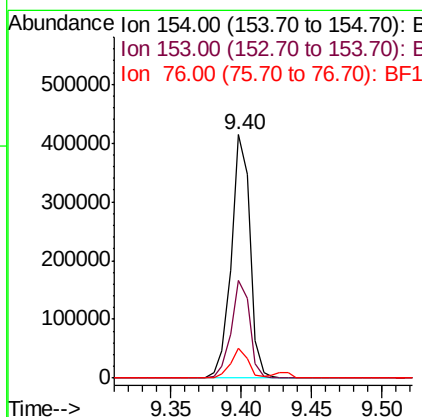
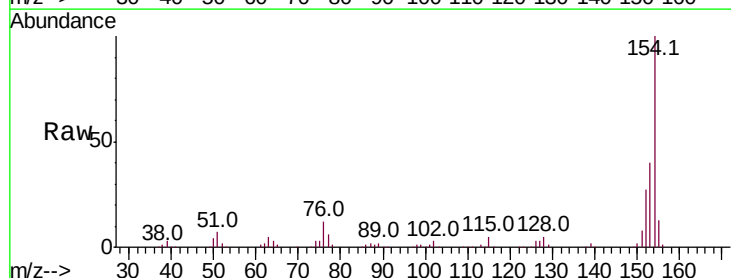
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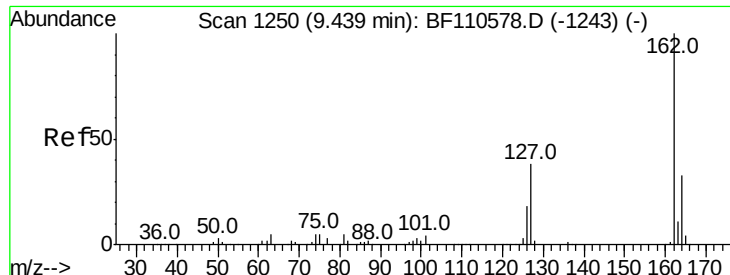
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#46
1,1'-Biphenyl
Concen: 34.022 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	382911		
153	40.1		20.4	60.4
76	12.3		0.0	31.9





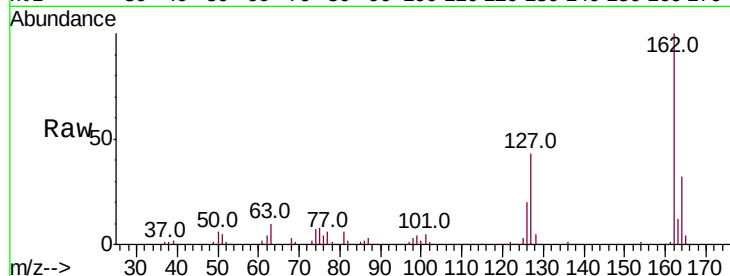
#47
2-Chloronaphthalene
Concen: 35.548 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

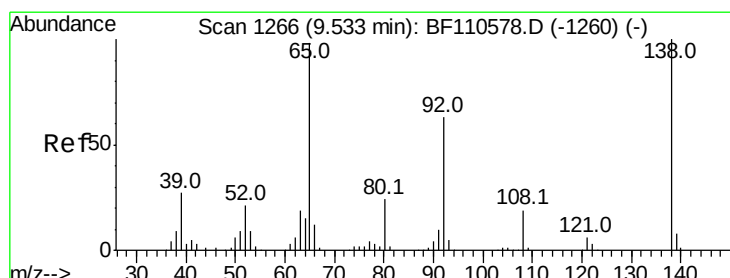
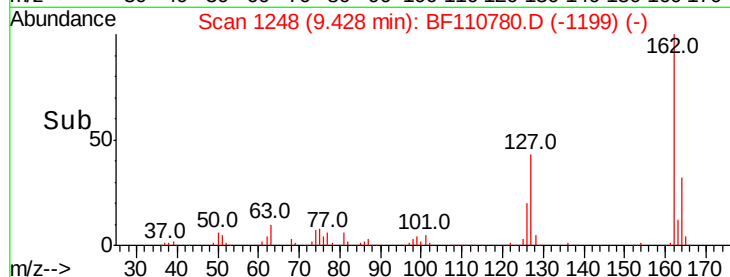
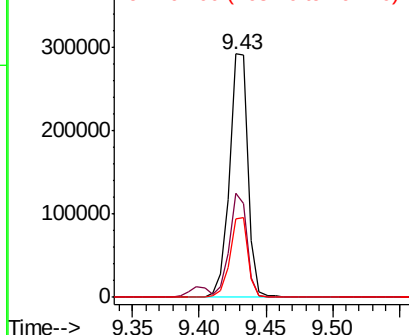
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	32.6	48.8
164	32.4	25.9	38.9

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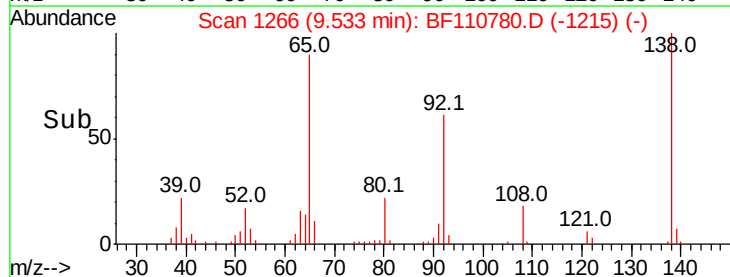
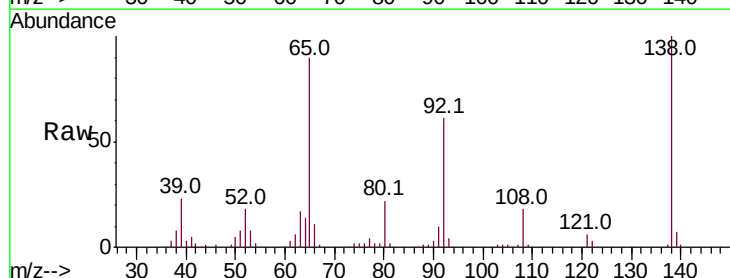
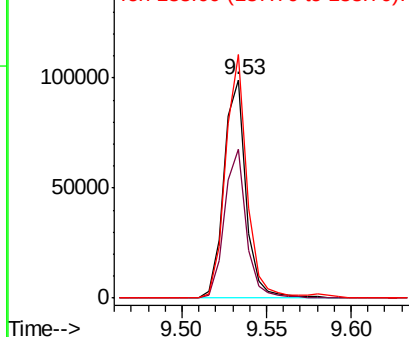
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

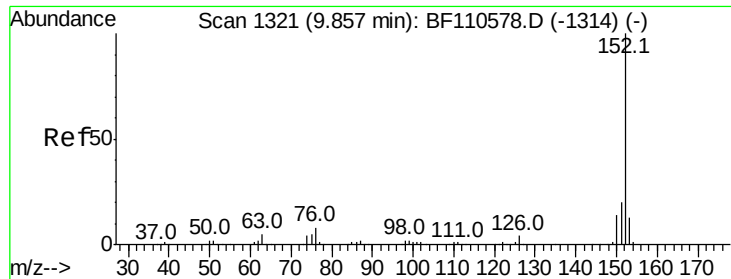


#48
2-Nitroaniline
Concen: 36.406 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	54.6	81.8
138	111.4	80.3	120.5

Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.081 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

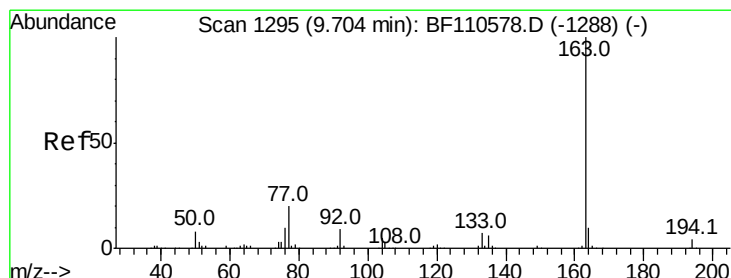
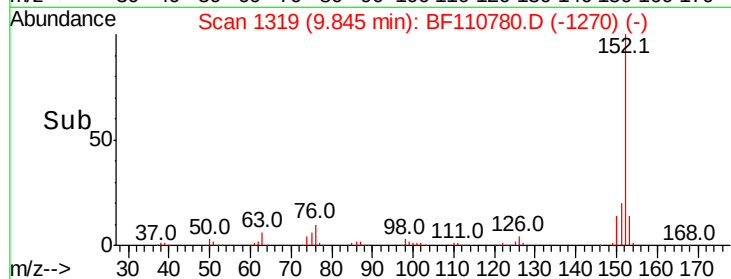
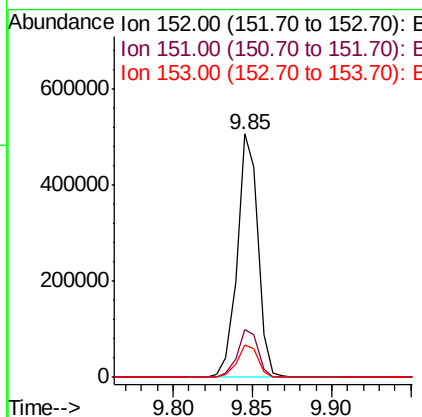
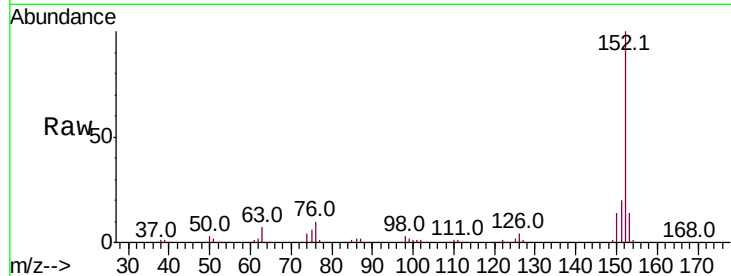
ClientSampleId :

PB114818BS

Tot Ion:	152	Resp:	456356
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.8	23.8
153	13.5	10.4	15.6

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#50

Dimethylphthalate

Concen: 37.711 ng

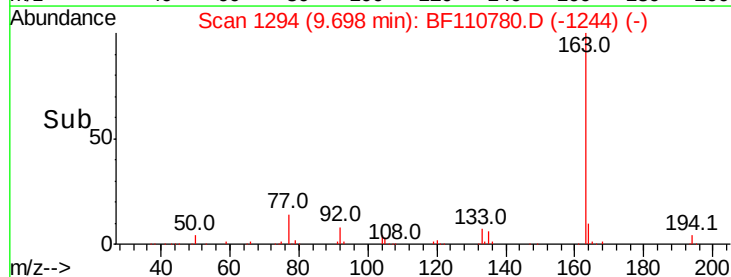
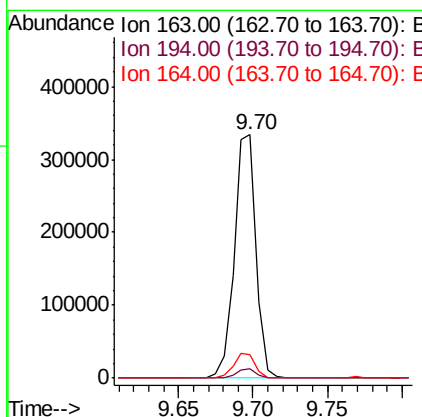
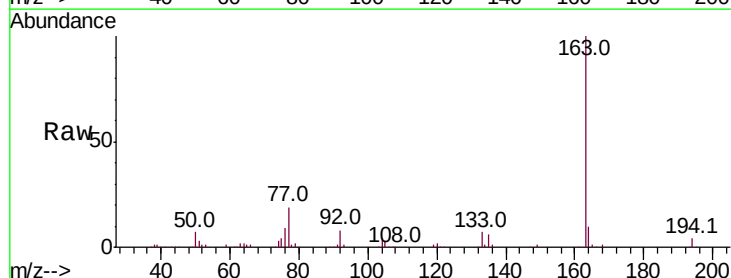
RT: 9.70 min Scan# 1294

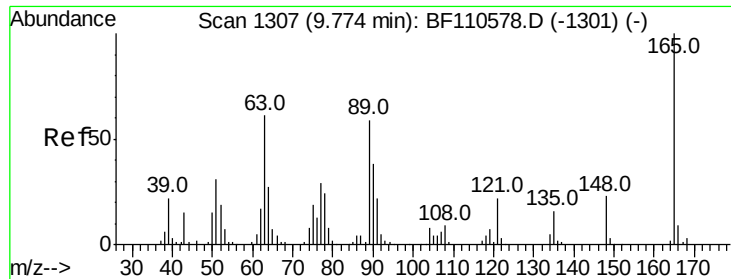
Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Tgt Ion:	163	Resp:	339492
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.2	4.8
164	9.6	8.1	12.1





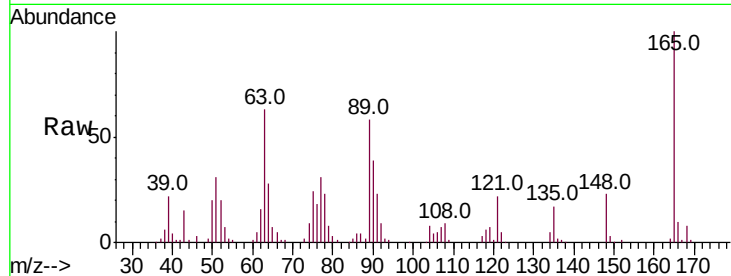
#51
2,6-Dinitrotoluene
Concen: 36.117 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

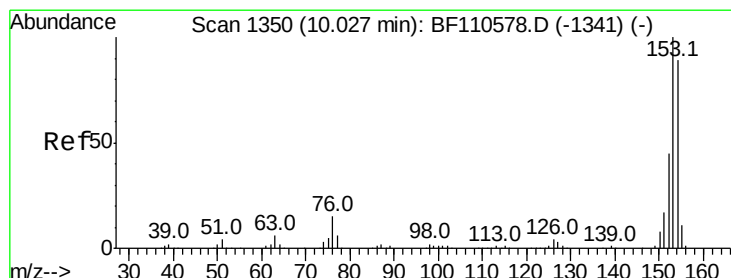
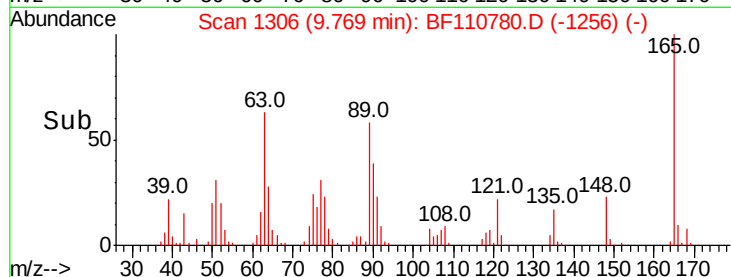
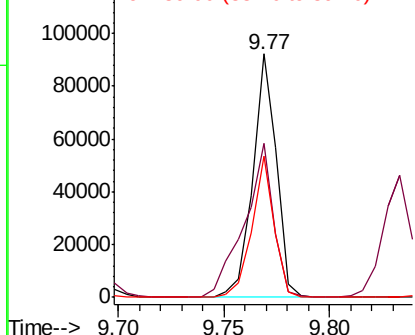
Tot Ion:	165	Resp:	71524
Ion Ratio	Lower	Upper	
165	100		
63	63.1	48.9	73.3
89	57.8	46.6	69.8

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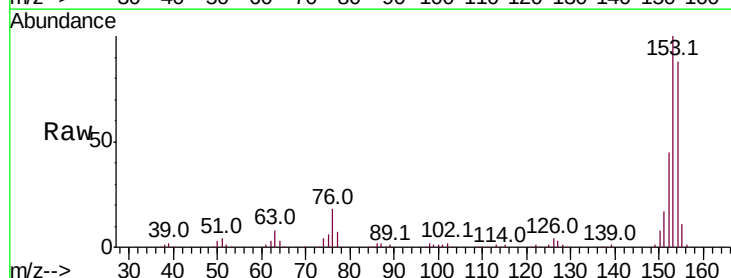


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

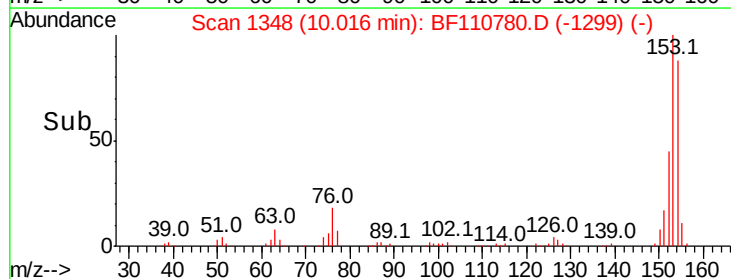
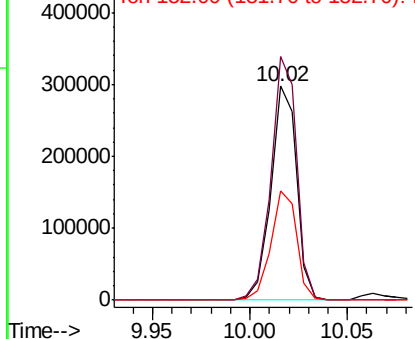


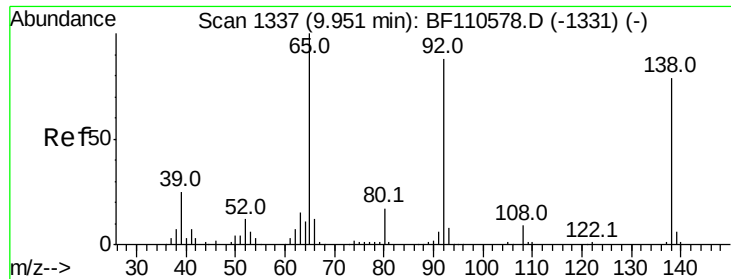
#52
Acenaphthene
Concen: 36.852 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion:	154	Resp:	271947
Ion Ratio	Lower	Upper	
154	100		
153	113.7	90.1	135.1
152	51.1	43.4	65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





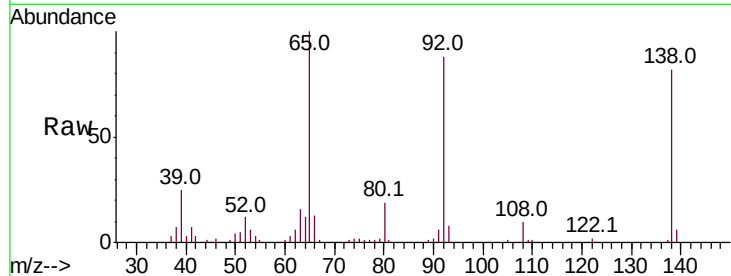
#53
3-Nitroaniline
Concen: 18.184 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.7	13.1
92	107.8	97.0	145.4

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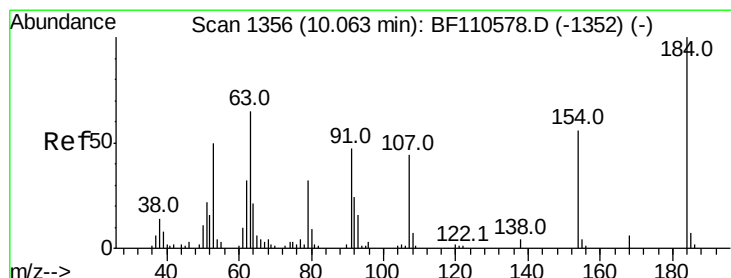
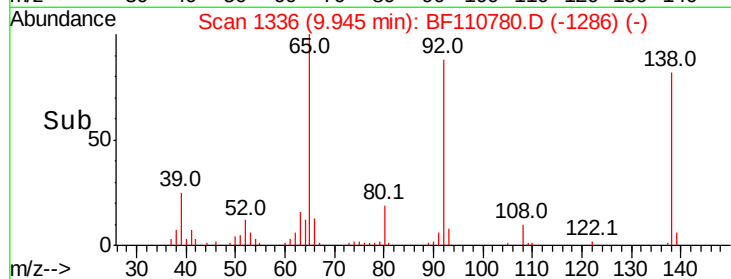
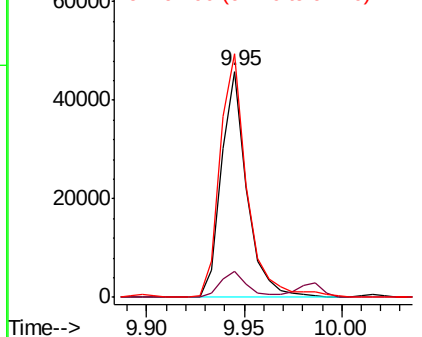


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 26.315 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

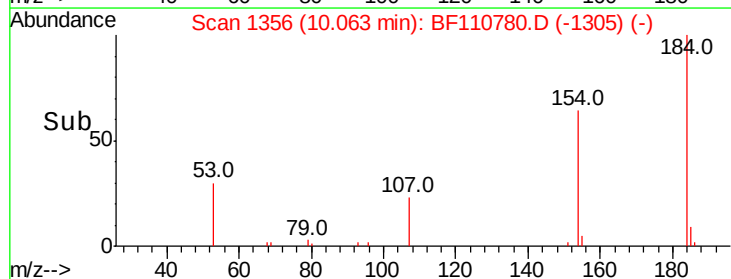
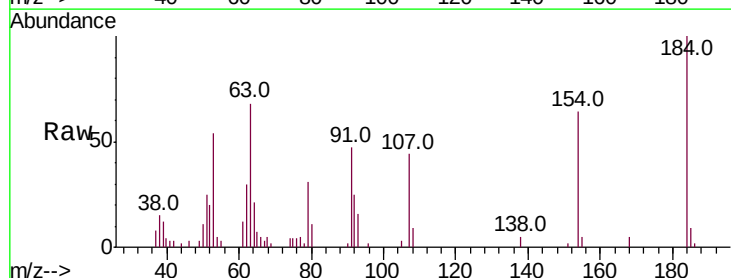
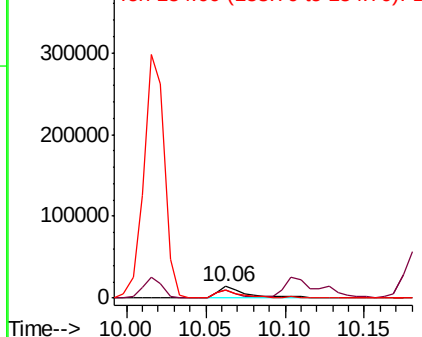
Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.4	55.8	83.6
154	63.9	63.2	94.8

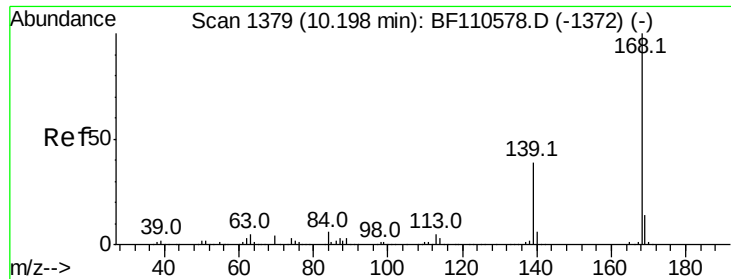
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





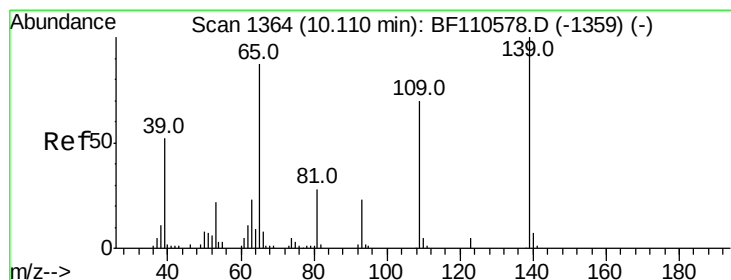
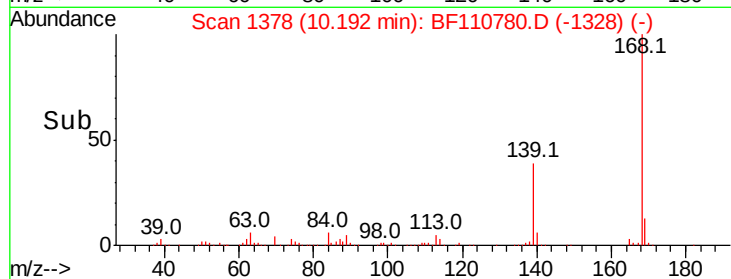
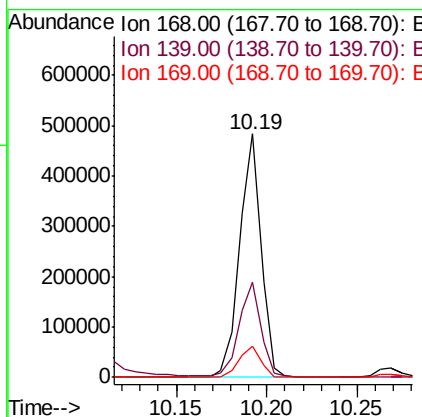
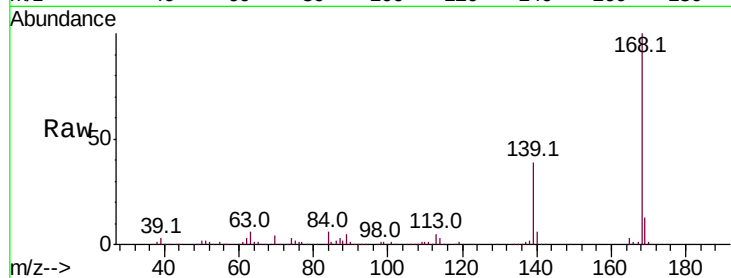
#55
Dibenzenofuran
Concen: 36.899 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.2	33.0	49.6	
169	13.0	11.3	16.9	

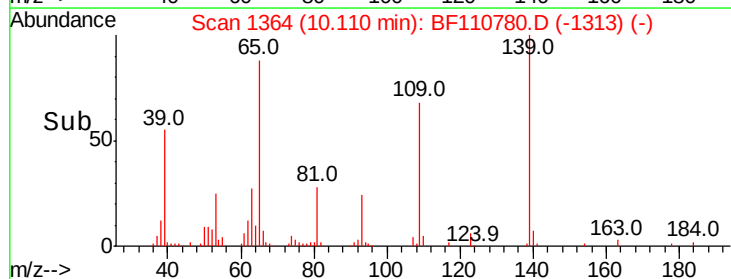
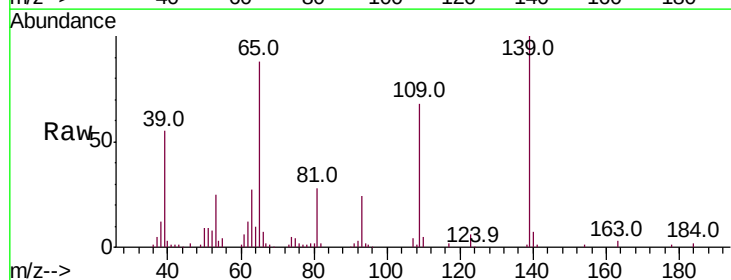
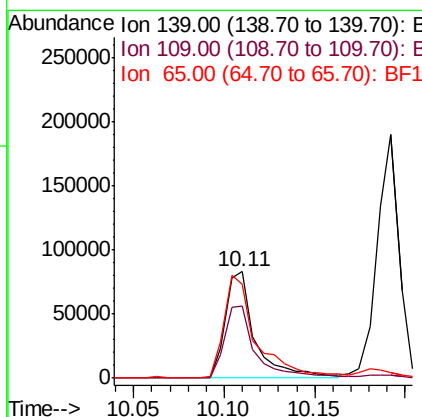
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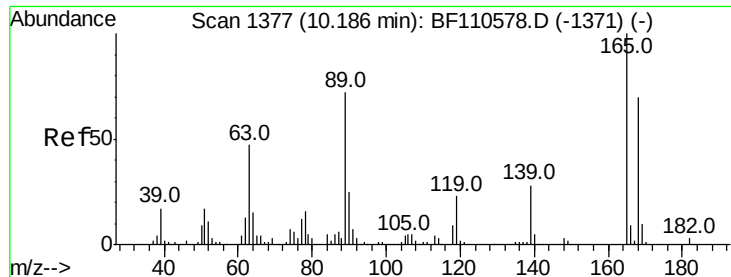
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#56
4-Nitrophenol
Concen: 63.114 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.3	55.8	95.8	
65	88.3	77.9	117.9	





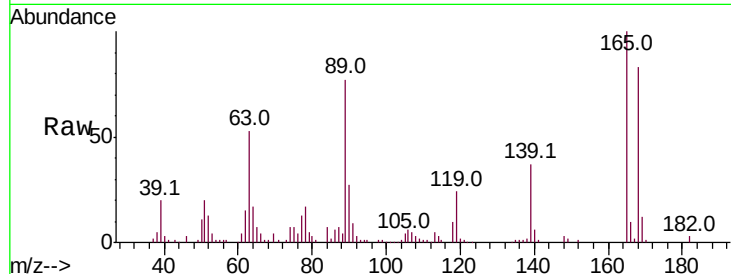
#57
2,4-Dinitrotoluene
Concen: 35.503 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.8	44.8	67.2	
89	77.1	62.2	93.4	
182	2.8	2.1	3.1	

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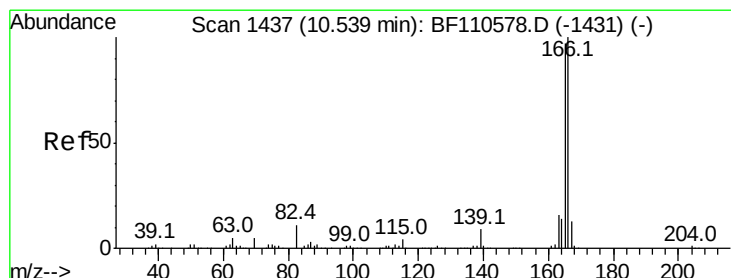
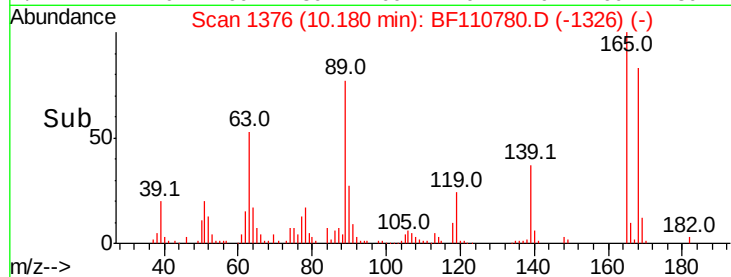
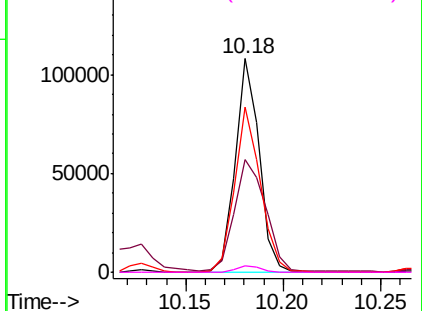
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

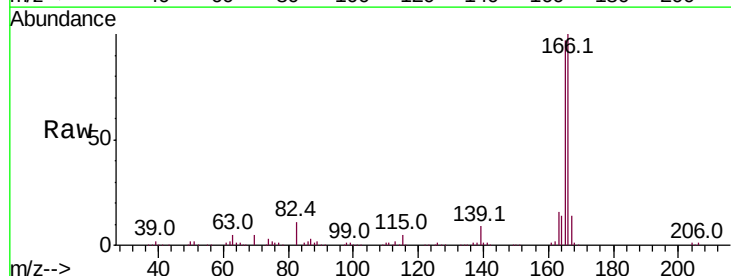
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.974 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.4	78.6	117.8	
167	13.9	10.8	16.2	

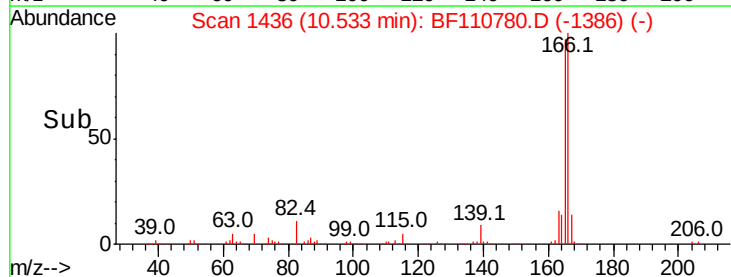
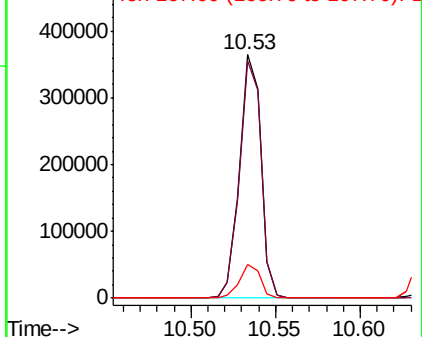


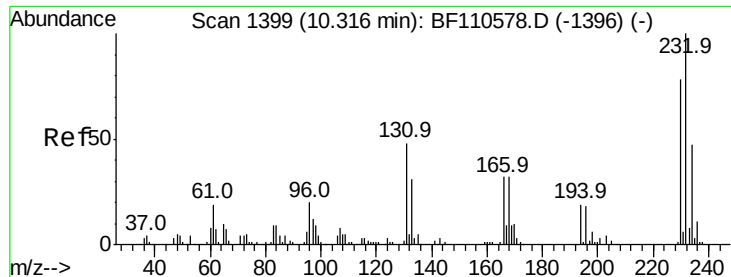
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





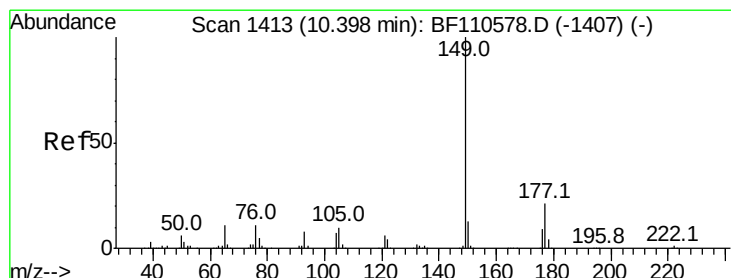
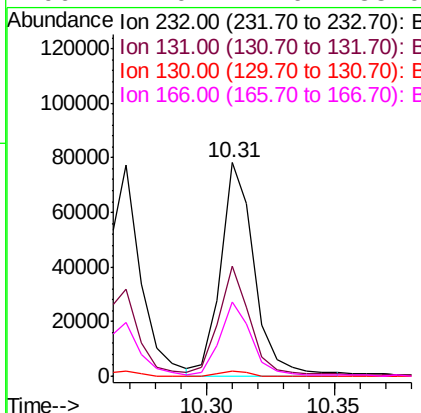
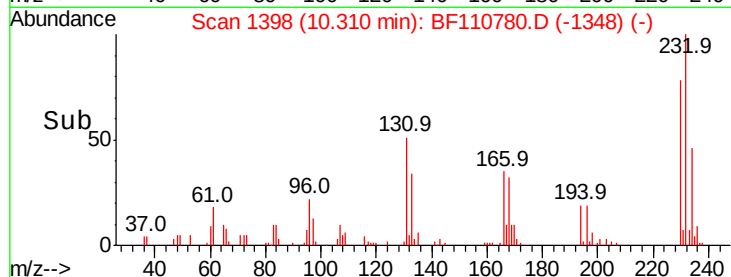
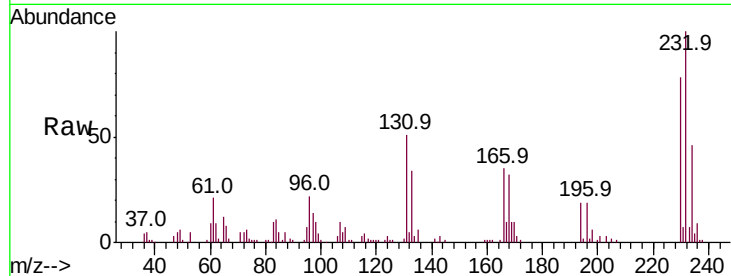
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.254 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Instrument :
 BNA_F
 ClientSampled :
 PB114818BS

Tot Ion:	232	Resp:	73009
Ion Ratio	Lower	Upper	
232	100		
131	39.3	37.0	55.4
130	2.1	1.8	2.6
166	24.0	22.0	33.0

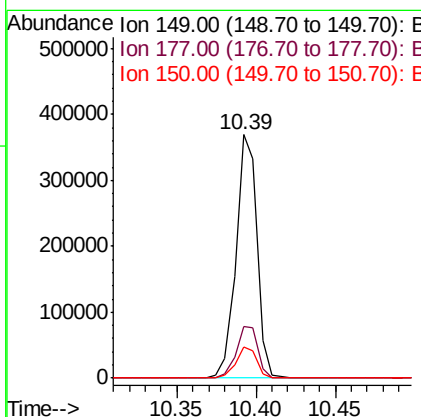
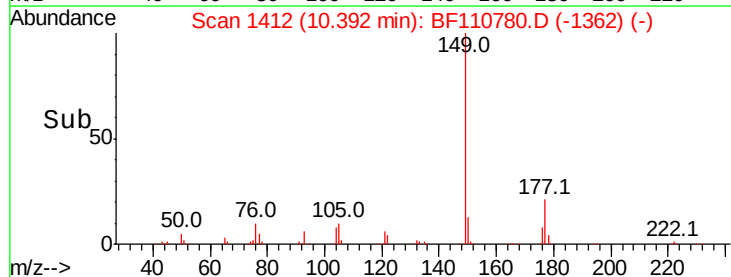
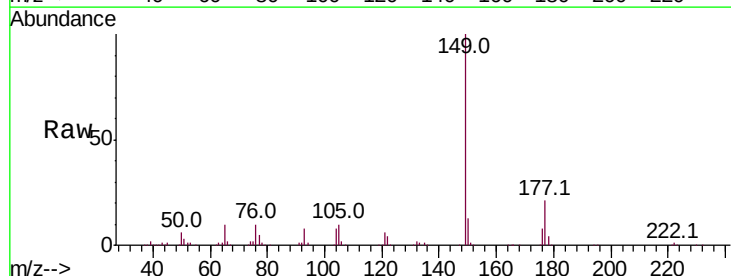
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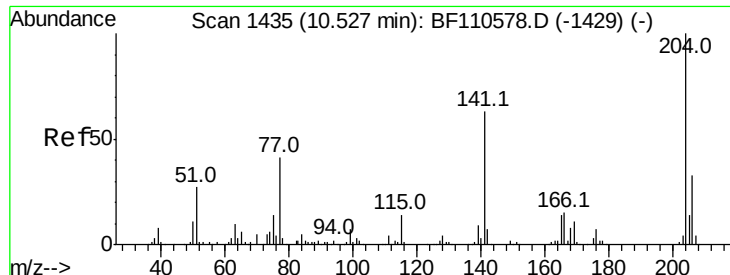
Sohil
 11/15/2018 10:59:31 AM



#60
 Diethylphthalate
 Concen: 37.934 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Tgt Ion:	149	Resp:	337847
Ion Ratio	Lower	Upper	
149	100		
177	21.2	17.4	26.2
150	12.8	9.8	14.8





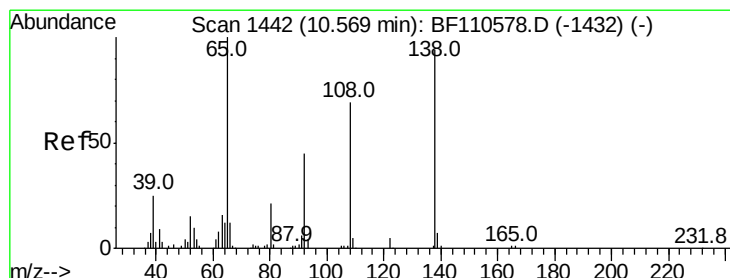
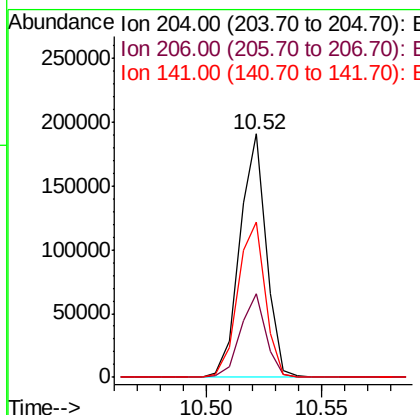
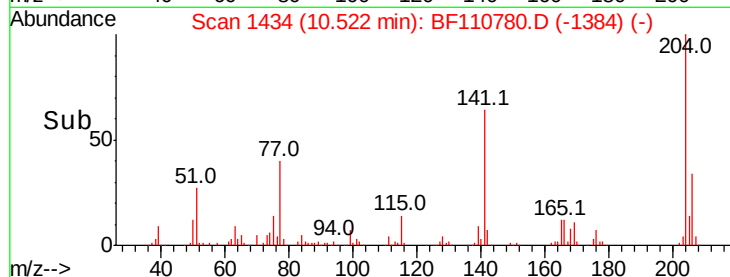
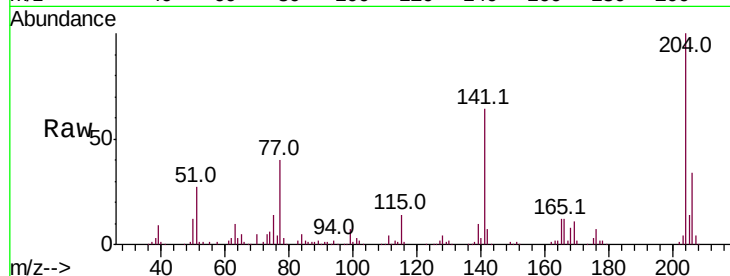
#61
4-Chlorophenyl-phenylether
Concen: 35.431 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampled :
PB114818BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	26.5	39.7
141	63.6	51.8	77.8

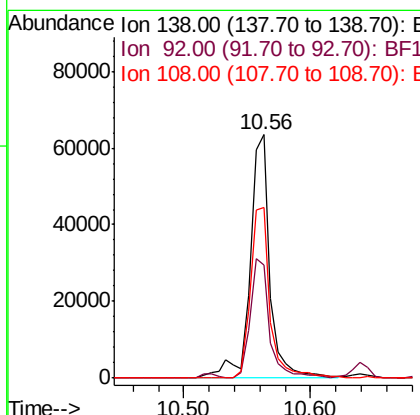
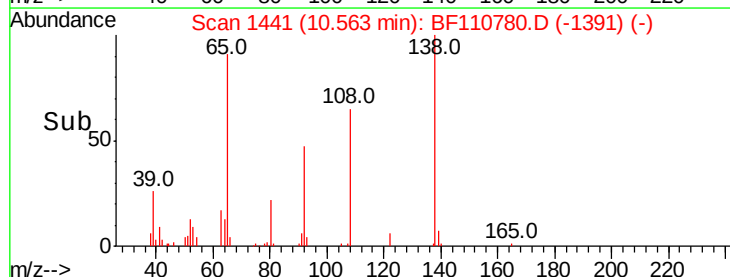
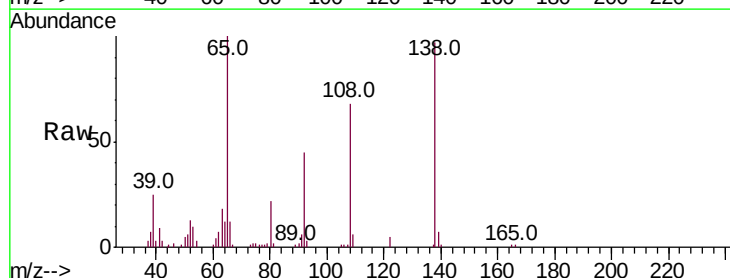
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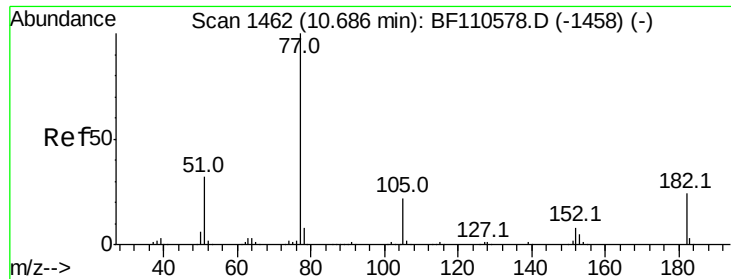
Sohil
11/15/2018 10:59:31 AM



#62
4-Nitroaniline
Concen: 30.323 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	31.7	71.7
108	70.2	59.3	99.3





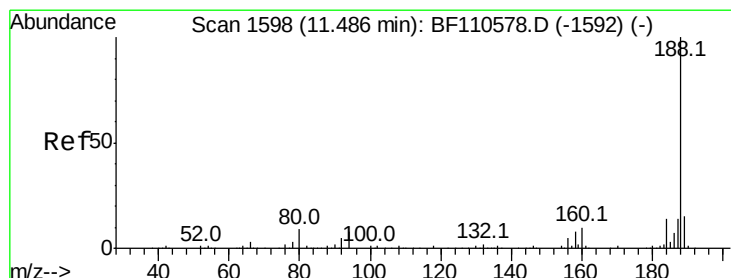
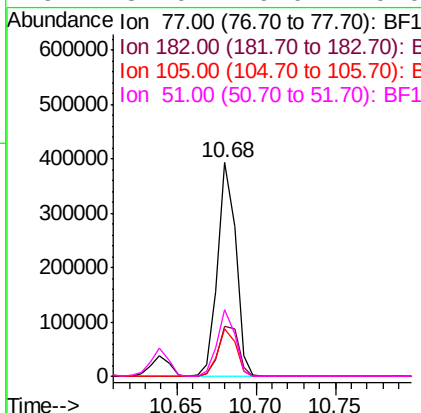
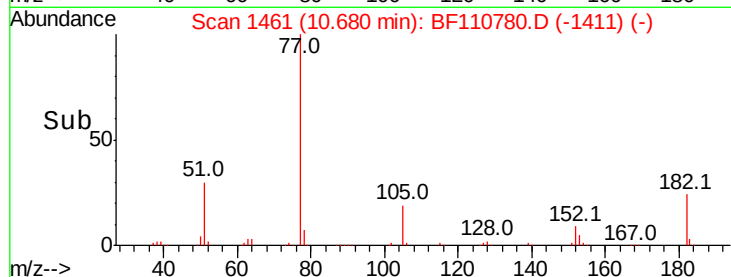
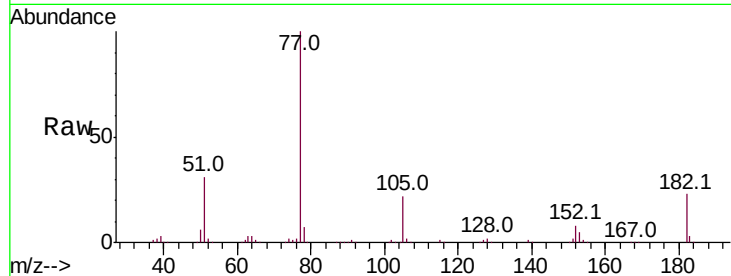
#63
Azobenzene
Concen: 36.329 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.4	4.3	44.3
105	22.2	1.3	41.3
51	31.0	9.0	49.0

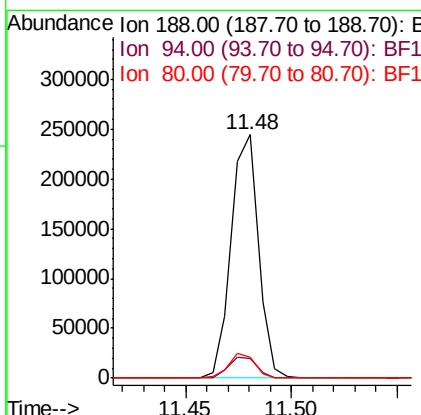
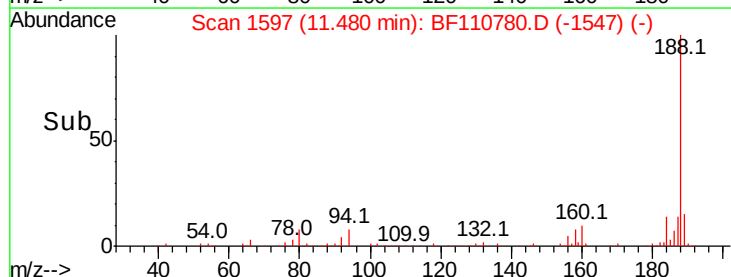
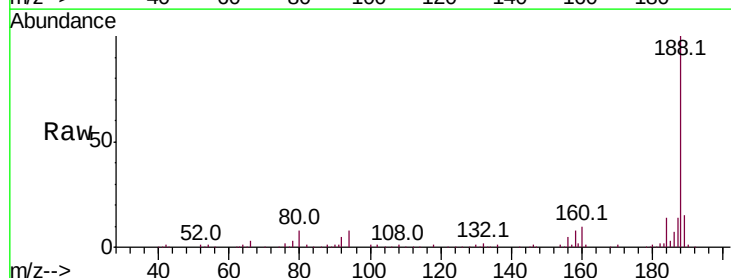
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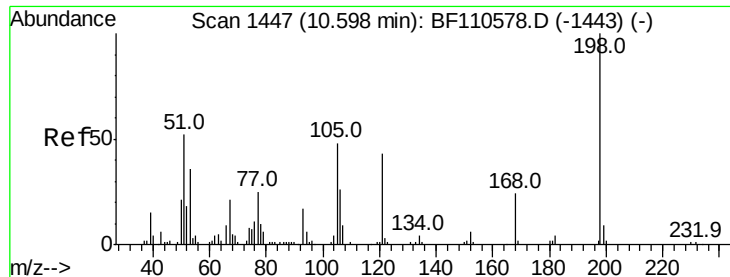
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	8.5	7.9	11.9





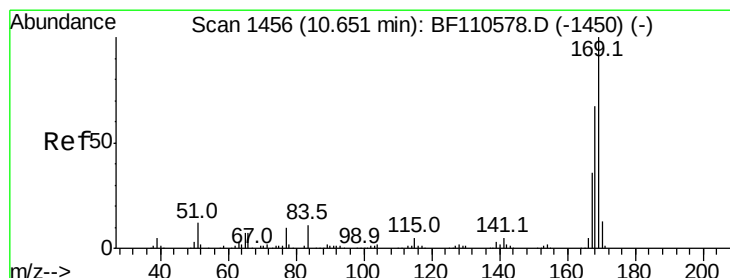
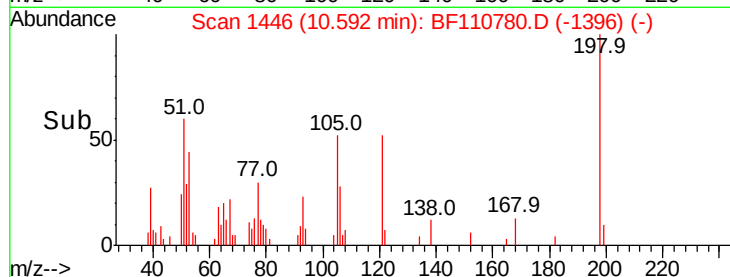
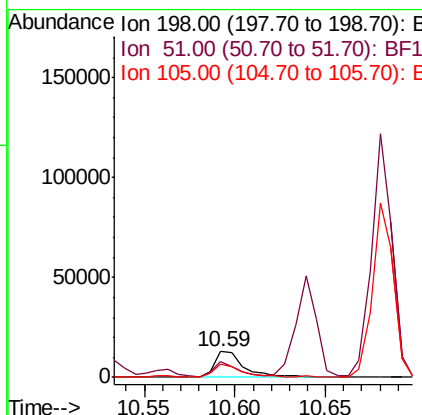
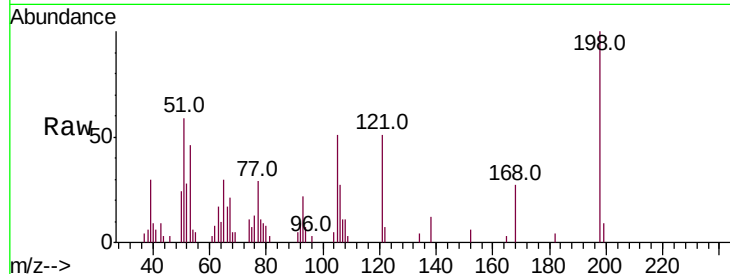
#65
4,6-Dinitro-2-methylphenol
Concen: 13.306 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	58.8	22.8	62.8
105	50.9	23.6	63.6

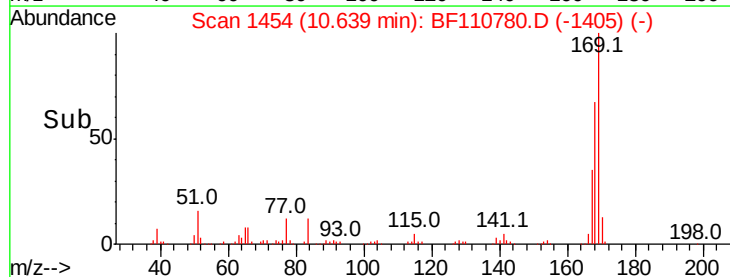
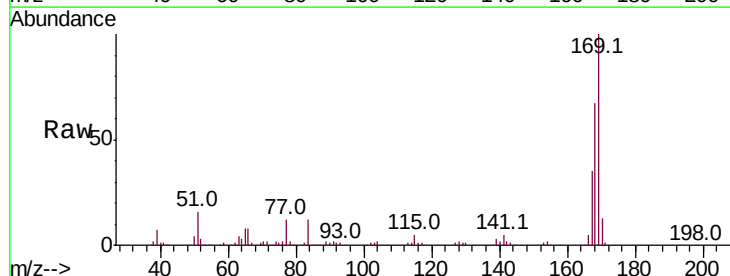
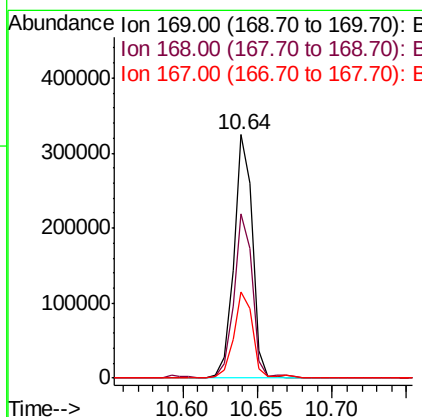
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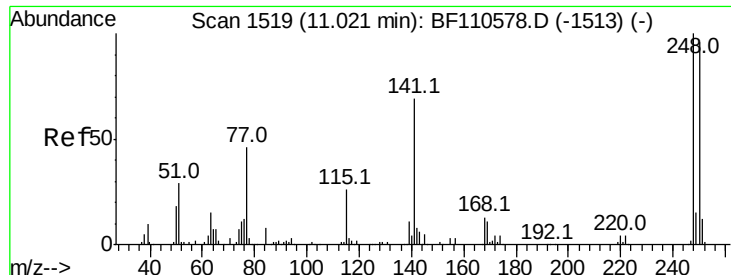
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 38.405 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	51.2	76.8
167	35.3	27.8	41.6





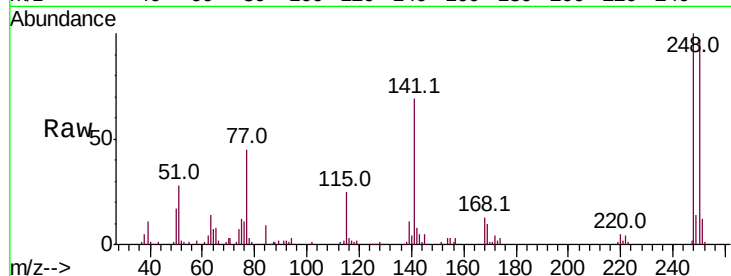
#67
4-Bromophenyl-phenylether
Concen: 36.326 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	79.4	119.2
141	69.2	55.9	83.9

Manual Integrations
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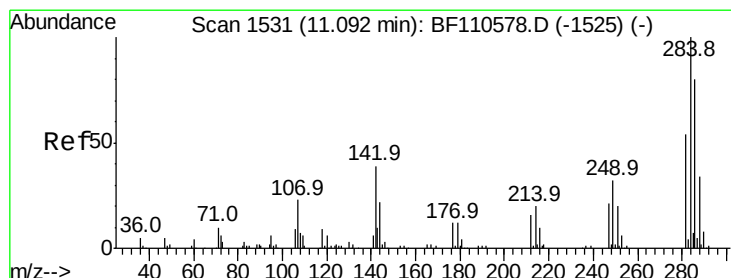
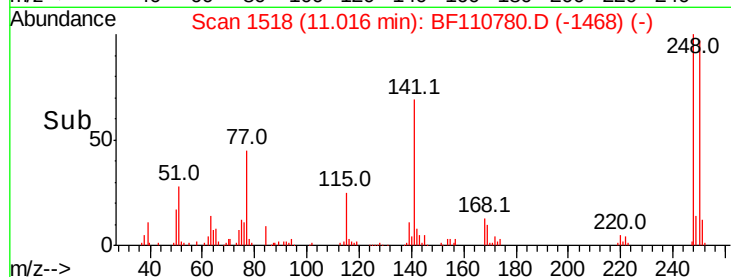
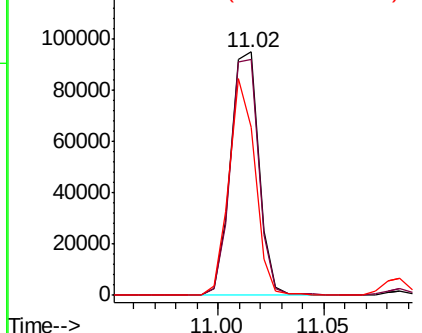


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.448 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

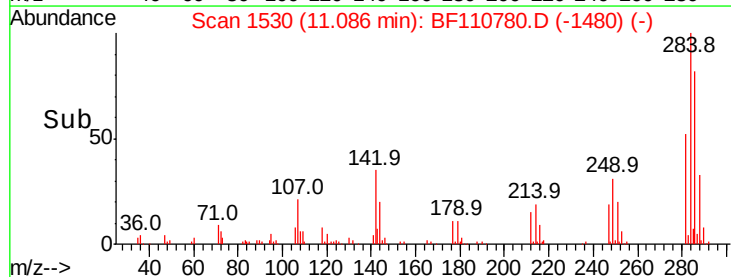
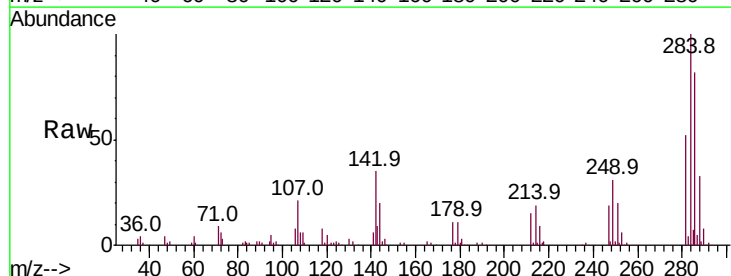
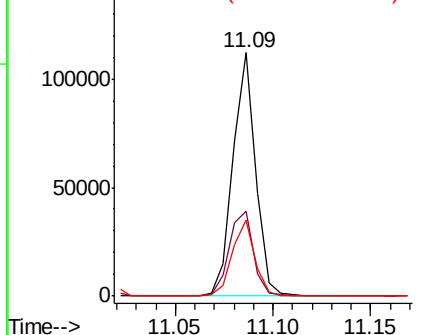
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	23.9	35.9
249	31.2	24.2	36.2

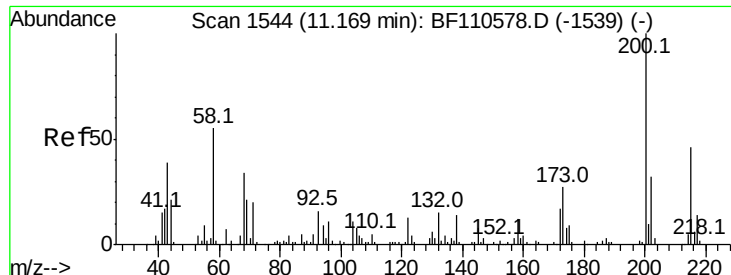
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





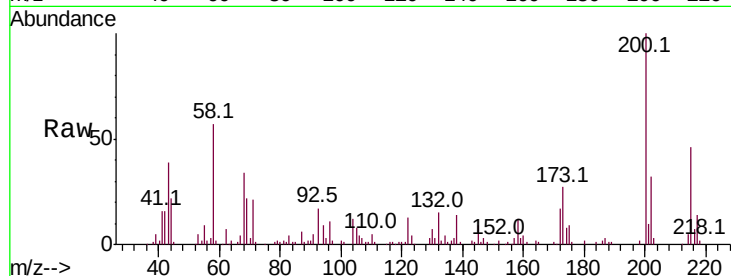
#69
Atrazine
Concen: 41.073 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.7	6.6	46.6
215	46.0	26.3	66.3

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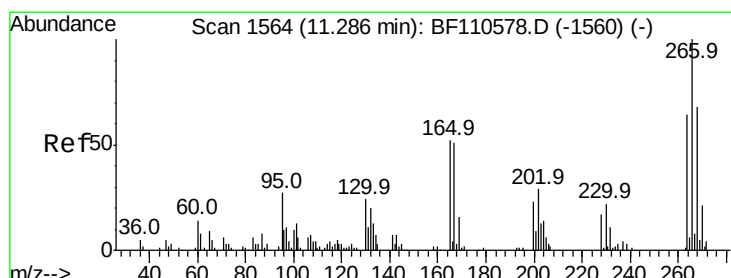
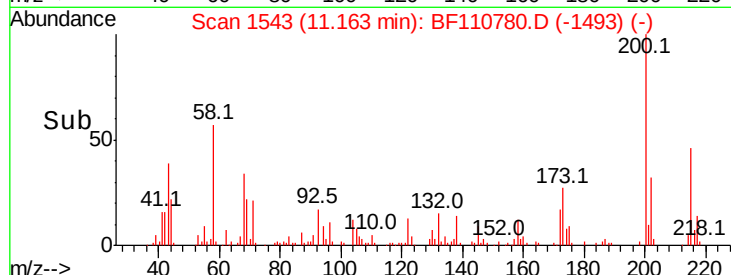
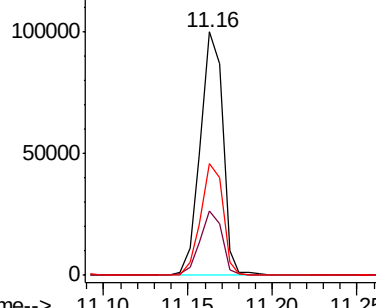


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 49.234 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

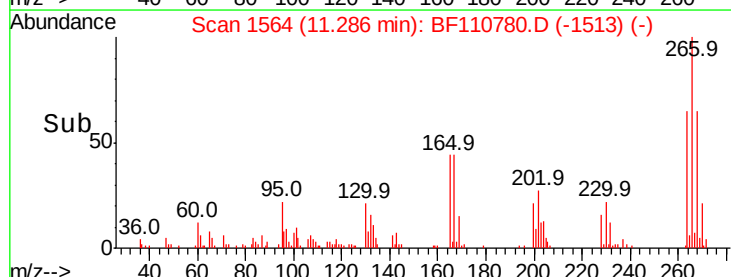
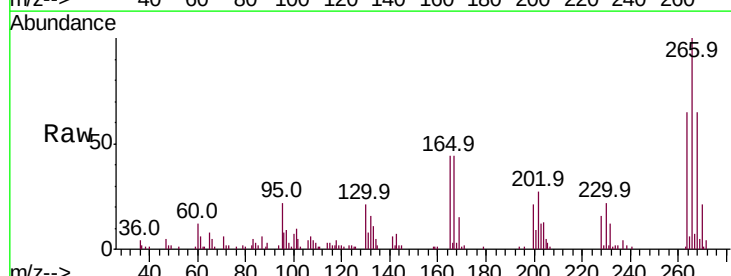
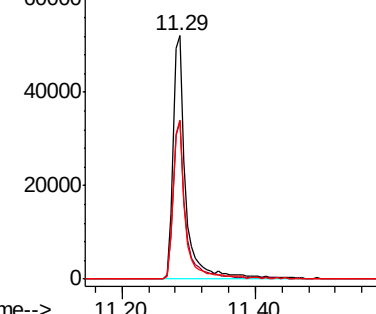
Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.0	50.6	75.8
264	65.3	50.6	75.8

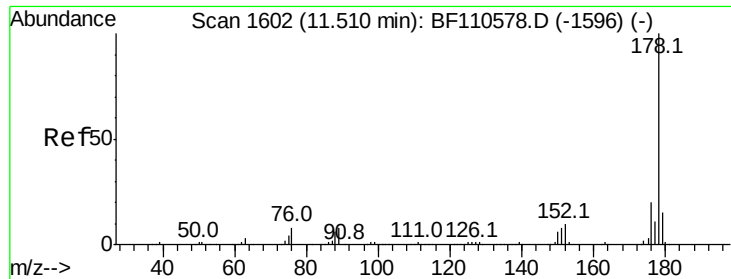
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





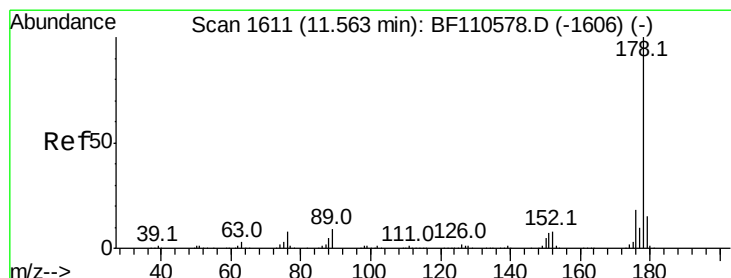
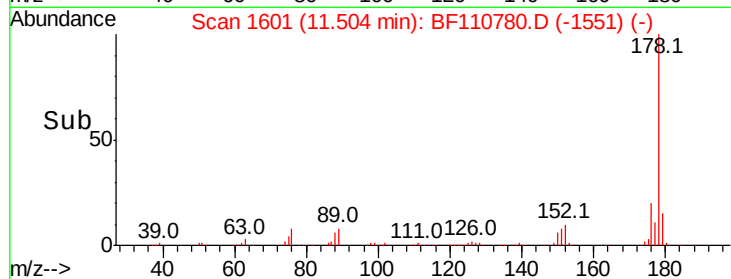
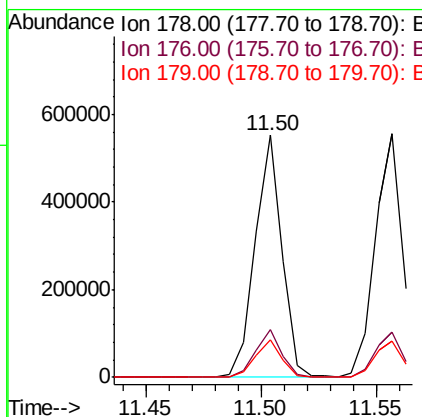
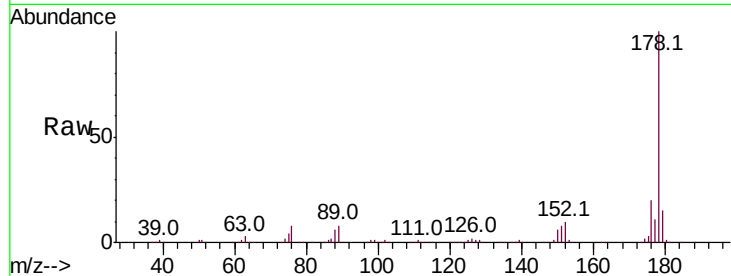
#71
Phenanthrene
Concen: 38.251 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.5	12.5	18.7

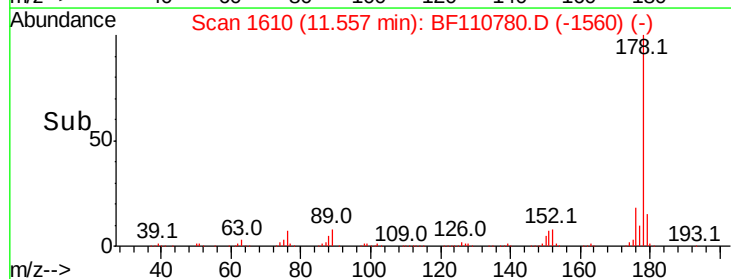
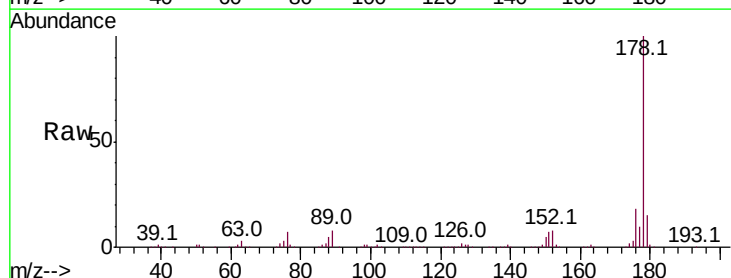
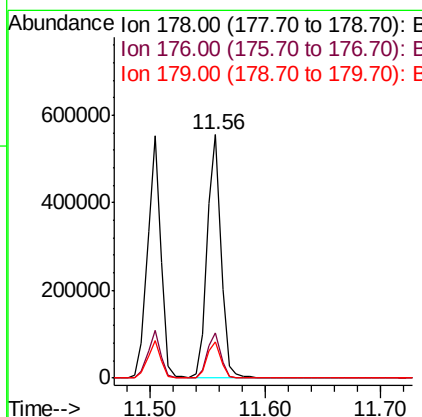
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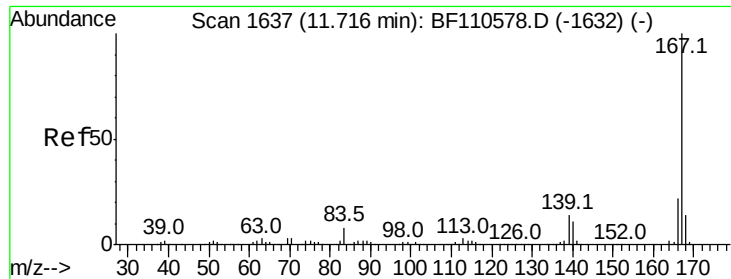
Sohil
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#72
Anthracene
Concen: 39.208 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.1	12.6	18.8





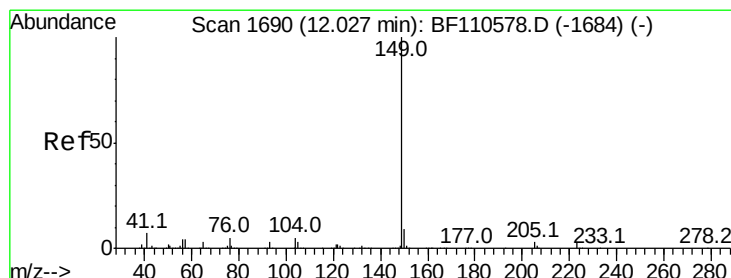
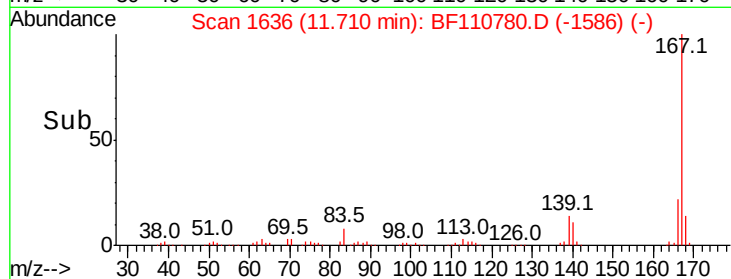
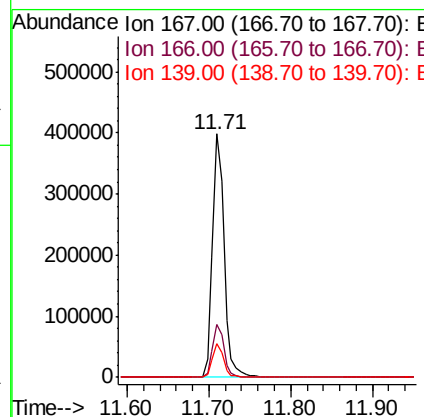
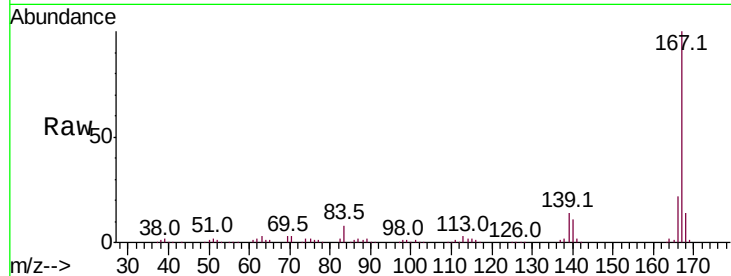
#73
 Carbazole
 Concen: 34.526 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.6	10.9	16.3

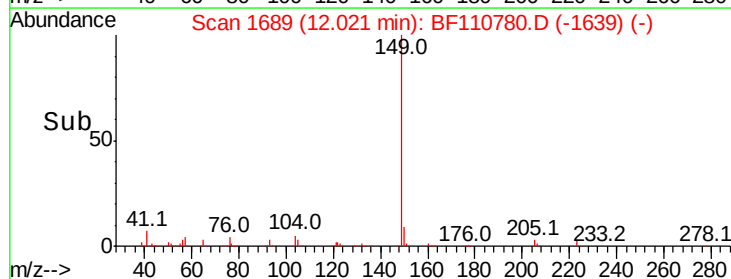
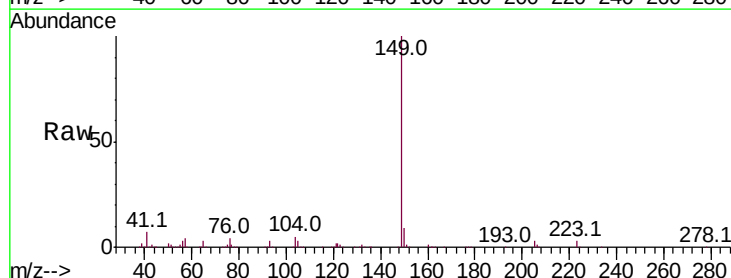
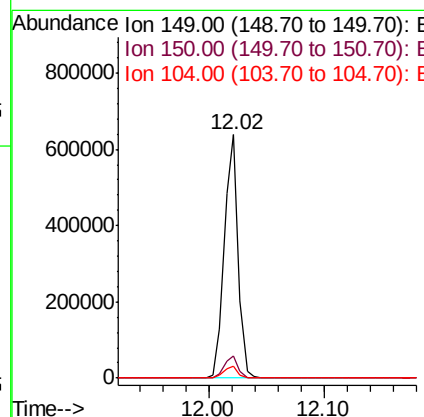
Manual Integrations
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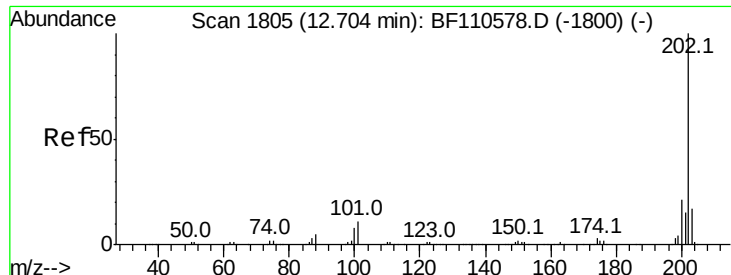
Sohil
 11/15/2018 10:59:31 AM



#74
 Di-n-butylphthalate
 Concen: 39.496 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.8	4.2	6.4





#75

Fluoranthene

Concen: 33.186 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

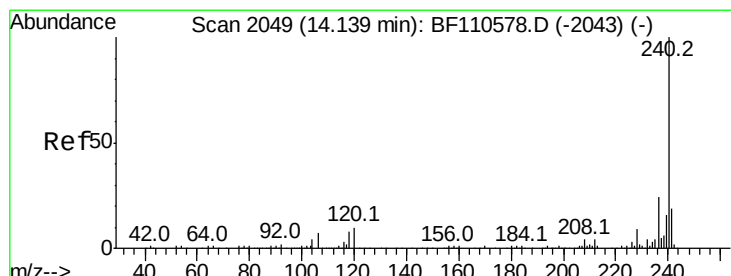
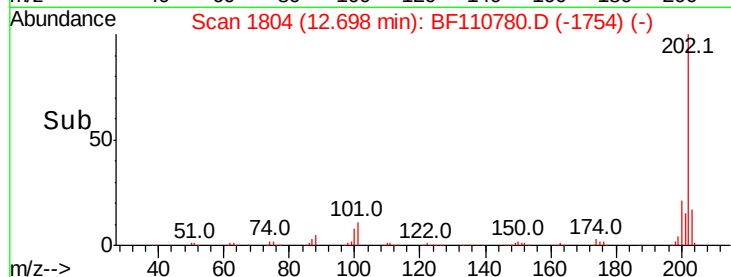
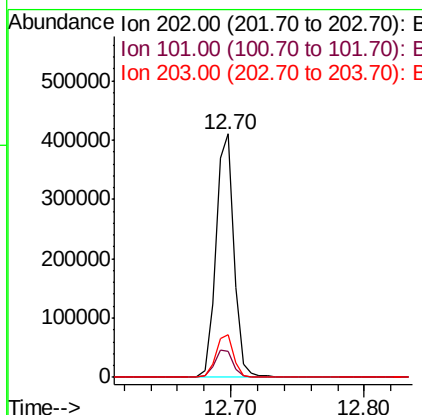
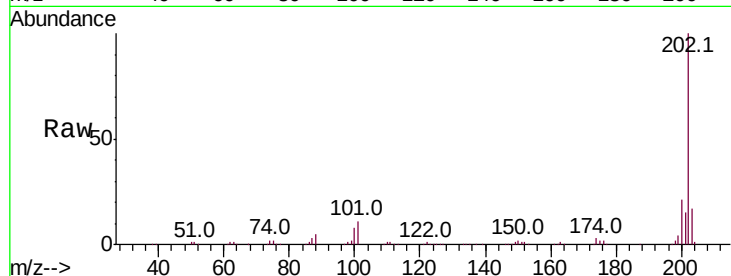
ClientSampleId :

PB114818BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	390397		
101	10.8	0.0	31.4	
203	17.3	0.0	37.7	

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#76

Chrysene-d12

Concen: 20.000 ng

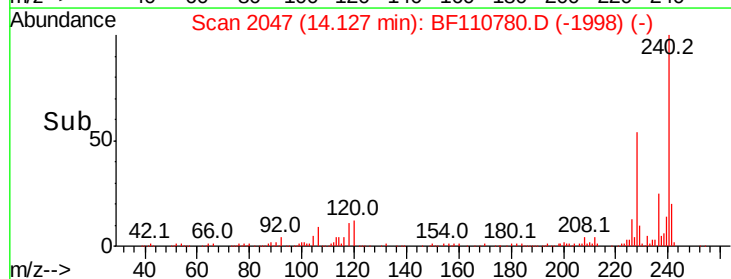
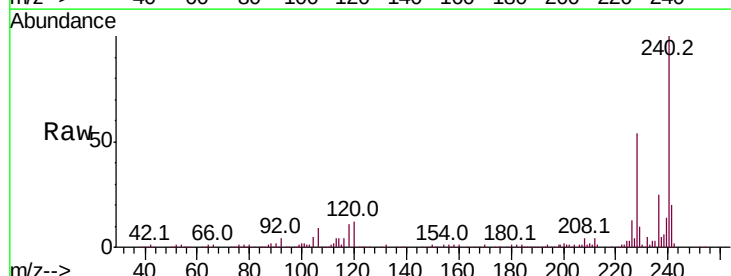
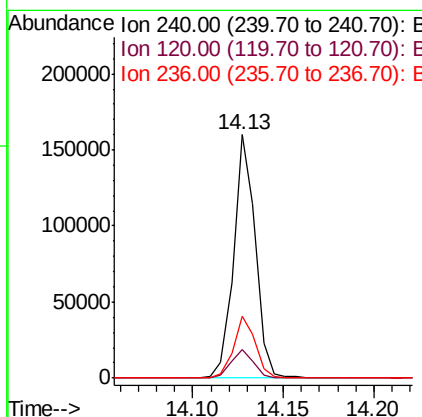
RT: 14.13 min Scan# 2047

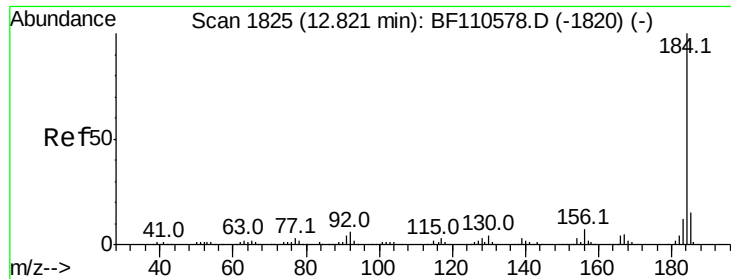
Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	132973		
120	11.8	8.3	12.5	
236	25.2	21.2	31.8	





#77

Benzidine

Concen: 42.681 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

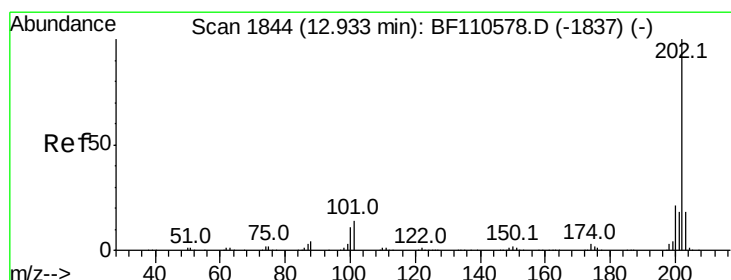
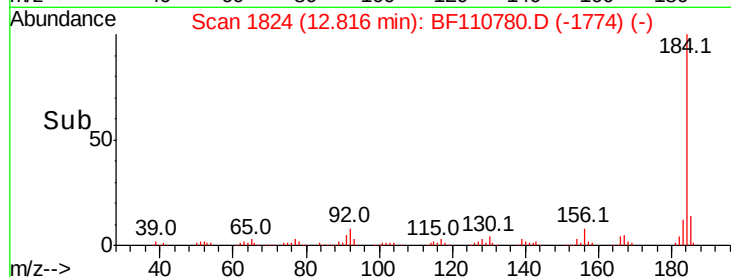
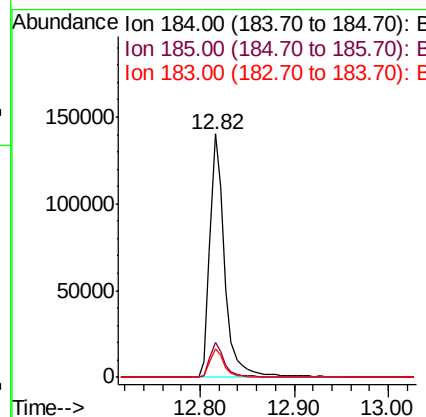
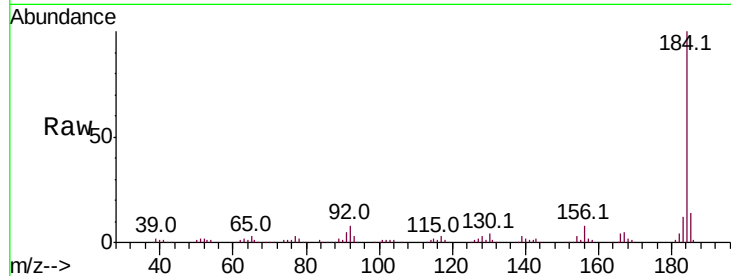
ClientSampleId :

PB114818BS

Tot Ion:	184	Resp:	156075
Ion Ratio	Lower	Upper	
184	100		
185	14.2	13.4	20.2
183	11.5	9.4	14.2

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#78

Pyrene

Concen: 37.229 ng

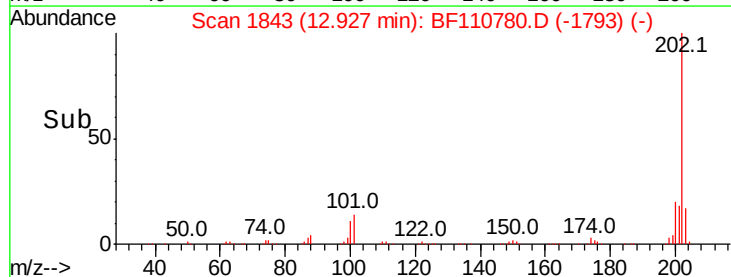
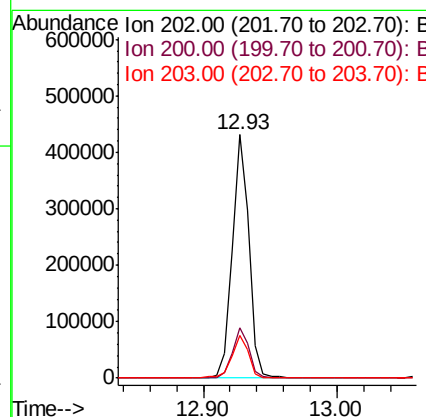
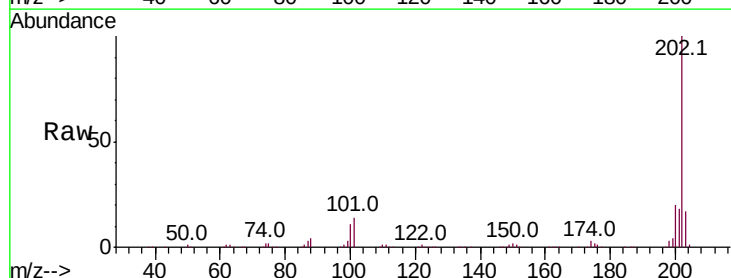
RT: 12.93 min Scan# 1843

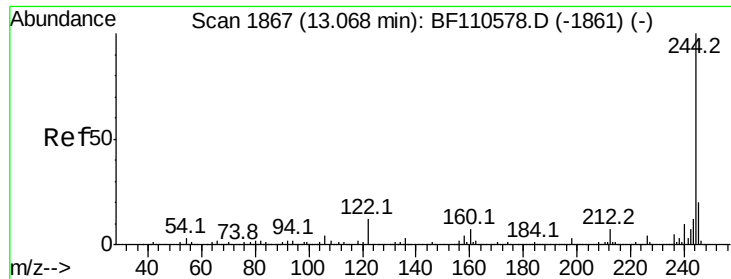
Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Tgt Ion:	202	Resp:	381174
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.8	26.6
203	17.4	14.2	21.4





#79

Terphenyl-d14

Concen: 66.836 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

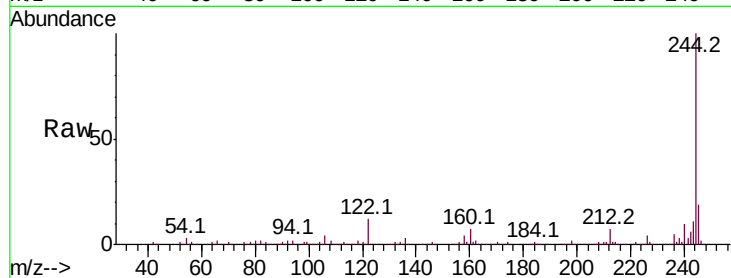
ClientSampleId :

PB114818BS

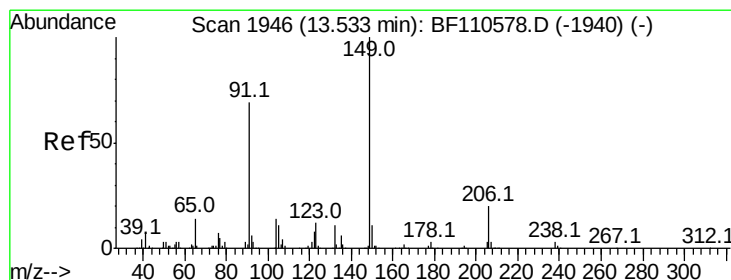
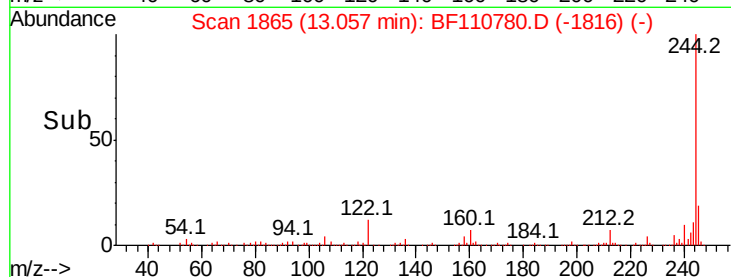
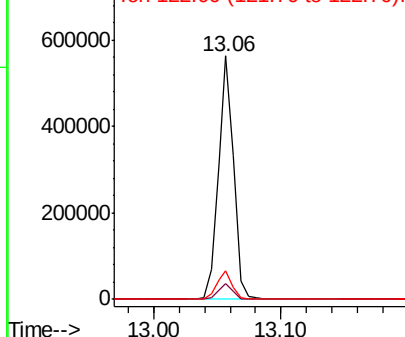
Tot Ion:	244	Resp:	474563
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.8	8.8
122	11.6	8.7	13.1

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



#80

Butylbenzylphthalate

Concen: 39.837 ng

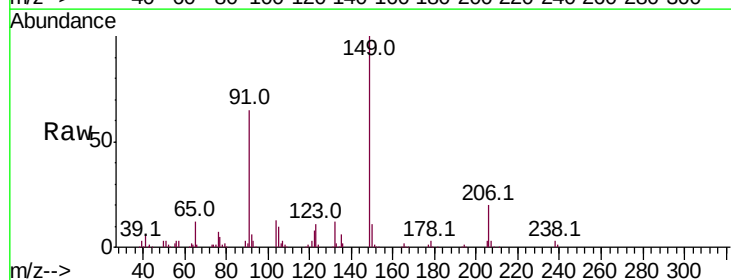
RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

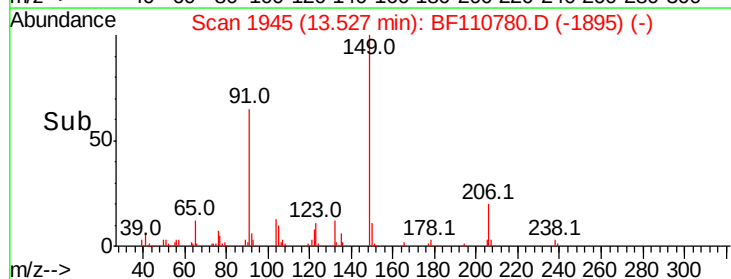
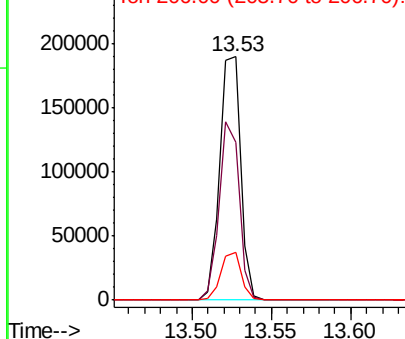
Lab File: BF110780.D

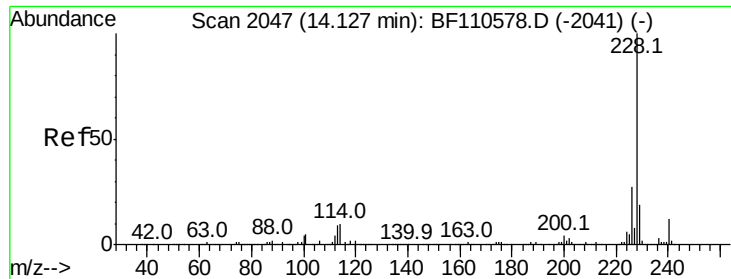
Acq: 14 Nov 2018 22:28

Tgt Ion:	149	Resp:	175555
Ion Ratio	Lower	Upper	
149	100		
91	64.6	57.2	85.8
206	19.8	15.7	23.5



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





#81

Benzo(a)anthracene

Concen: 40.138 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

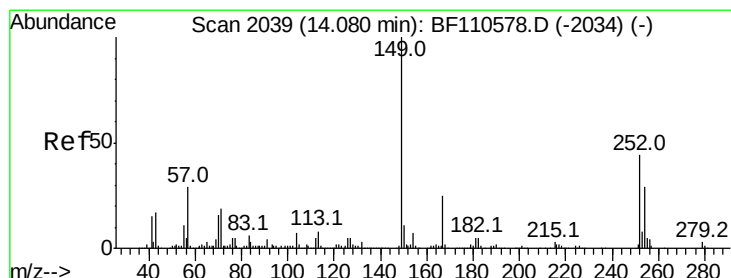
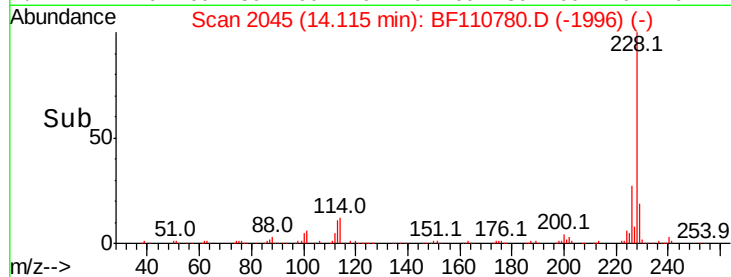
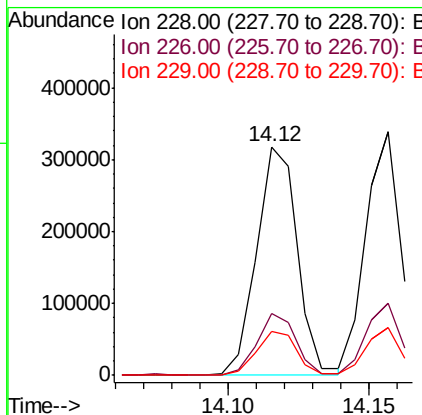
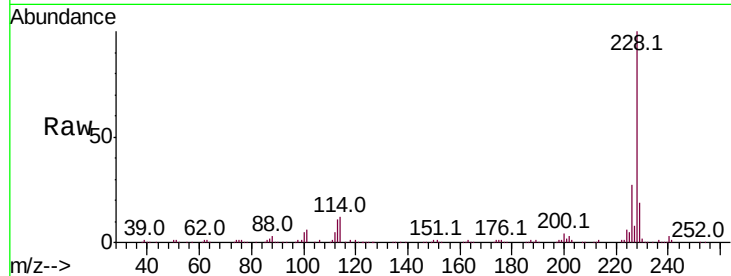
ClientSampleId :

PB114818BS

Tot Ion:	228	Resp:	319013
Ion Ratio	Lower	Upper	
228	100		
226	26.8	22.1	33.1
229	19.5	15.6	23.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 32.868 ng

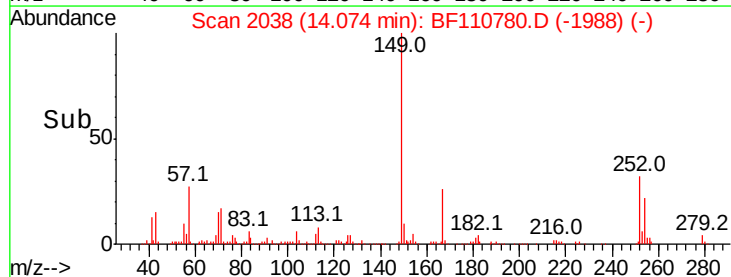
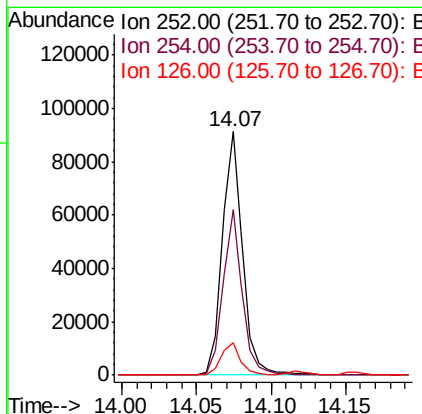
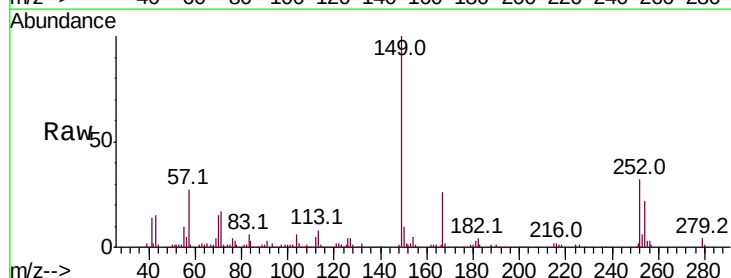
RT: 14.07 min Scan# 2038

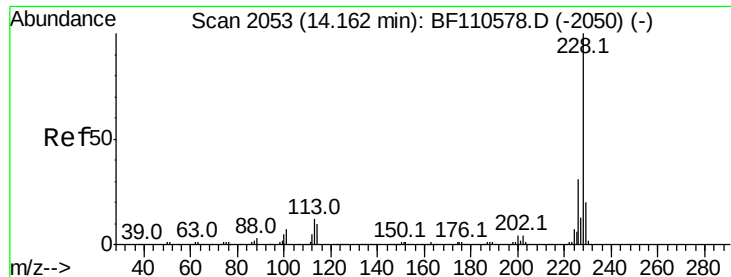
Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Tgt Ion:	252	Resp:	87511
Ion Ratio	Lower	Upper	
252	100		
254	67.8	51.3	76.9
126	13.2	9.4	14.2





#83

Chrysene

Concen: 39.142 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

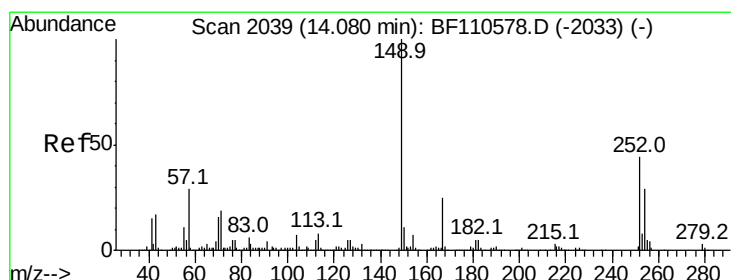
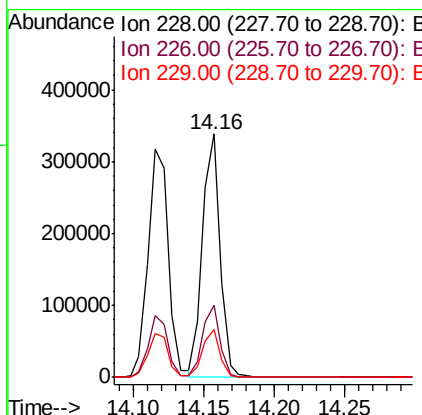
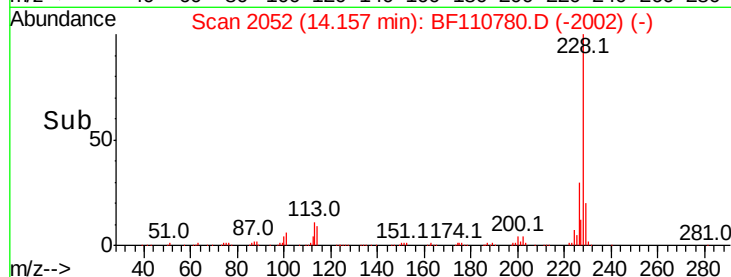
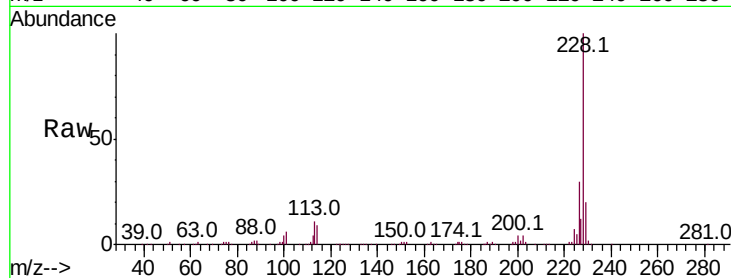
ClientSampleId :

PB114818BS

Tot Ion:	228	Resp:	296384
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.7	37.1
229	19.5	15.9	23.9

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 43.515 ng

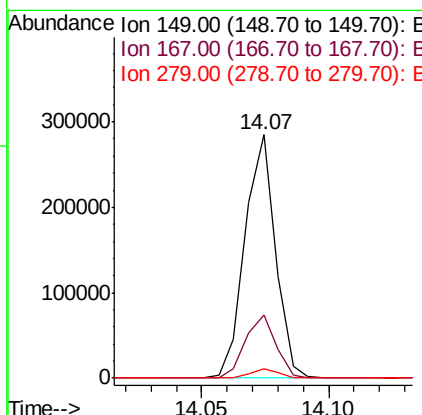
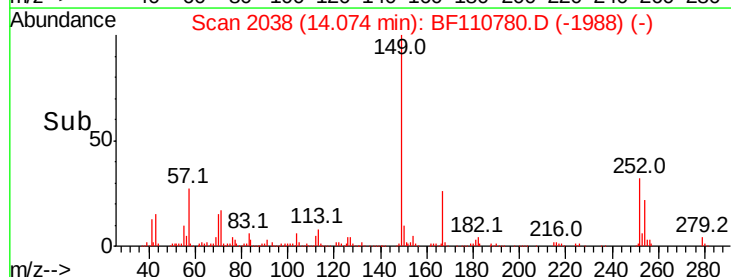
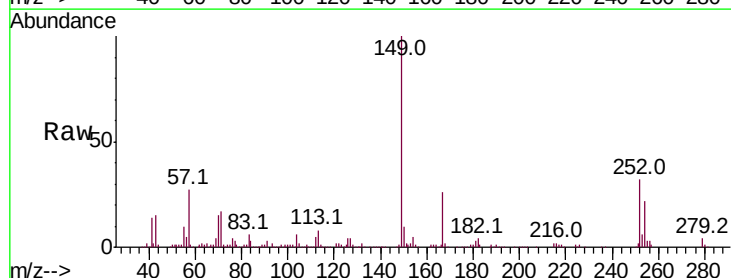
RT: 14.07 min Scan# 2038

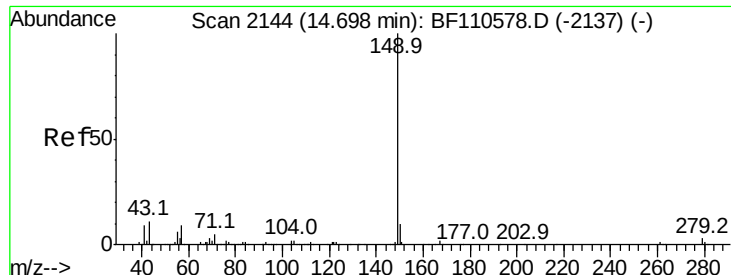
Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Tgt Ion:	149	Resp:	237884
Ion Ratio	Lower	Upper	
149	100		
167	26.1	19.8	29.8
279	3.9	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 47.976 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

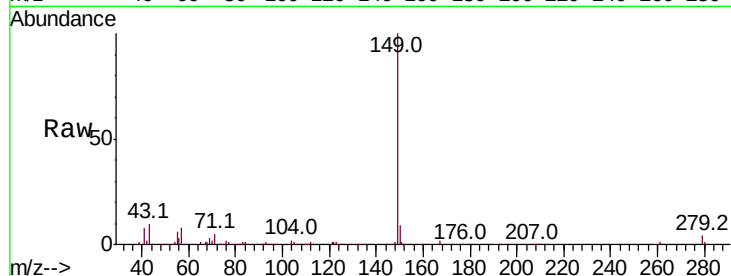
ClientSampleId :

PB114818BS

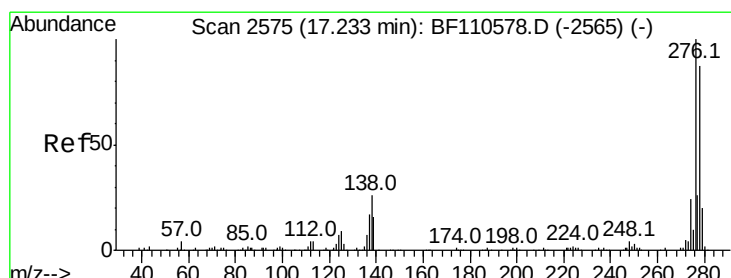
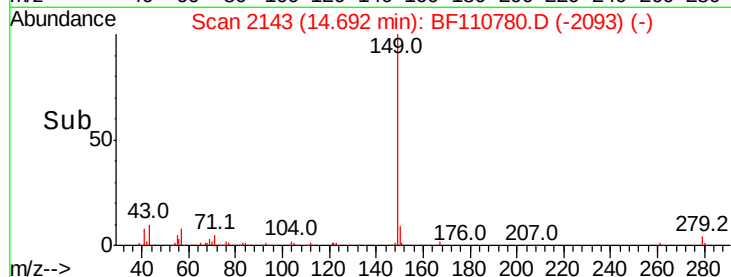
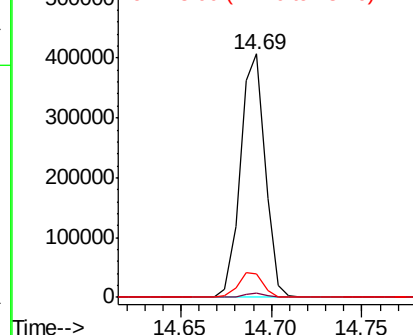
Tot Ion:	149	Resp:	385682
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.1	7.8	11.8

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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: 43.093 ng

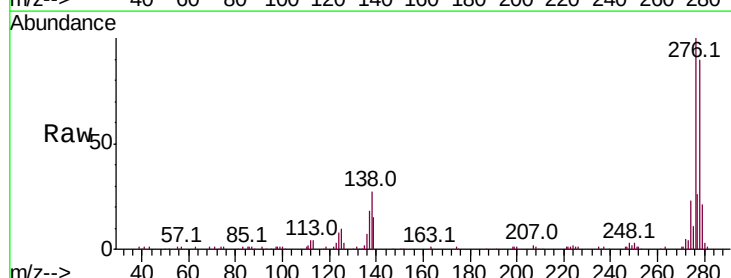
RT: 17.23 min Scan# 2574

Delta R.T. -0.01 min

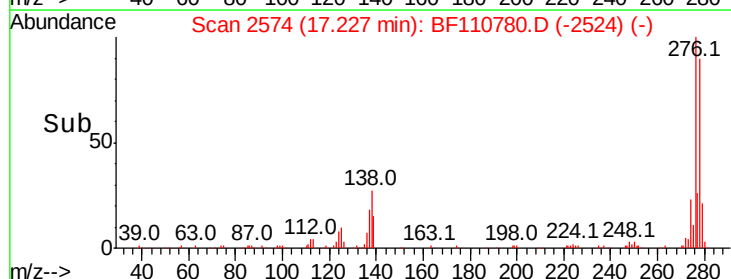
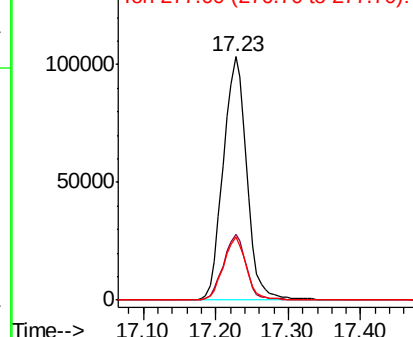
Lab File: BF110780.D

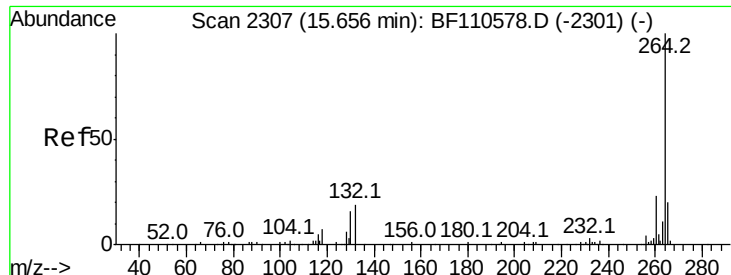
Acq: 14 Nov 2018 22:28

Tgt Ion:	276	Resp:	234149
Ion Ratio	Lower	Upper	
276	100		
138	26.1	18.5	27.7
277	25.0	20.0	30.0



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





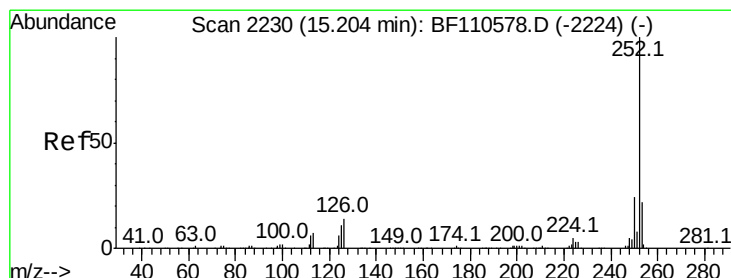
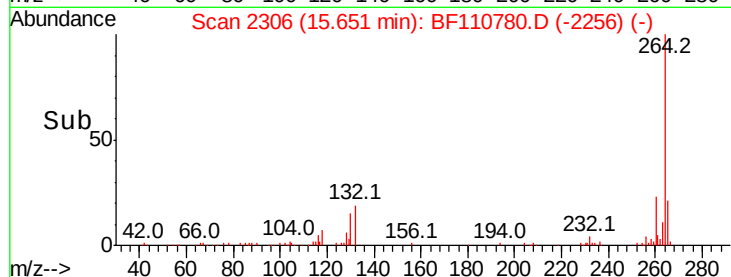
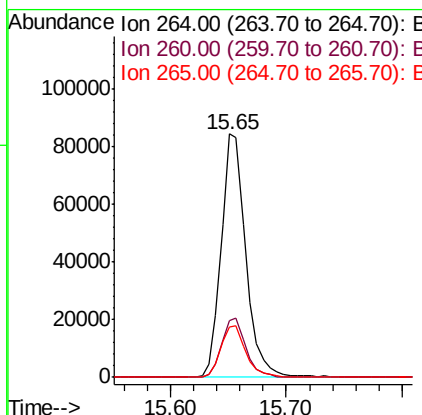
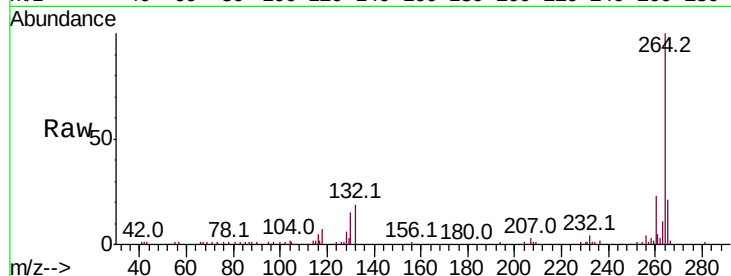
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampled :
PB114818BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	20.8	16.7	25.1

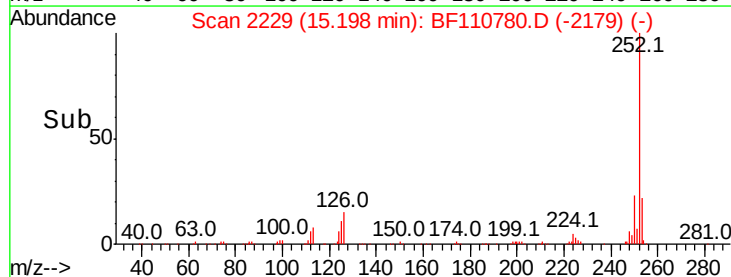
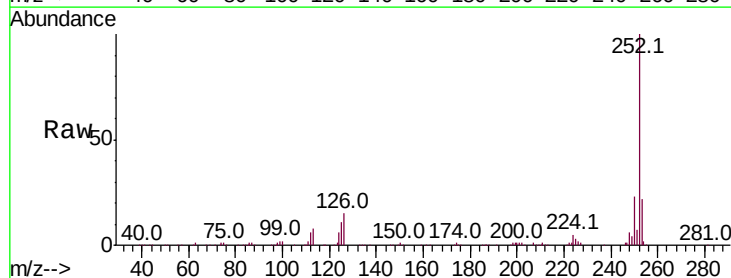
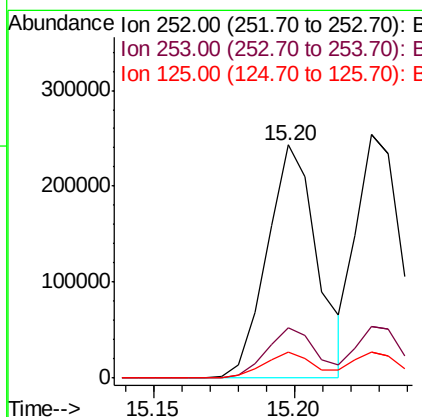
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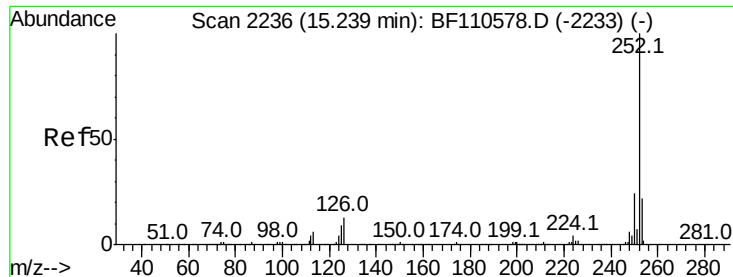
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#88
Benzo(b)fluoranthene
Concen: 40.419 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.3	8.2	12.4





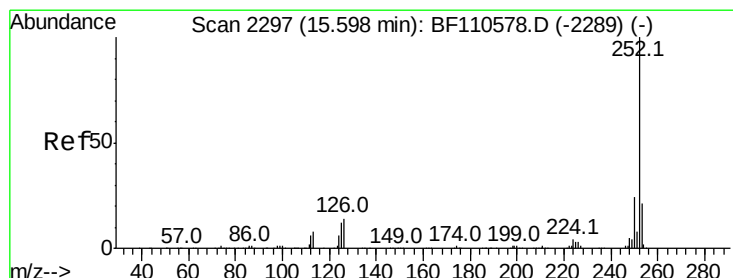
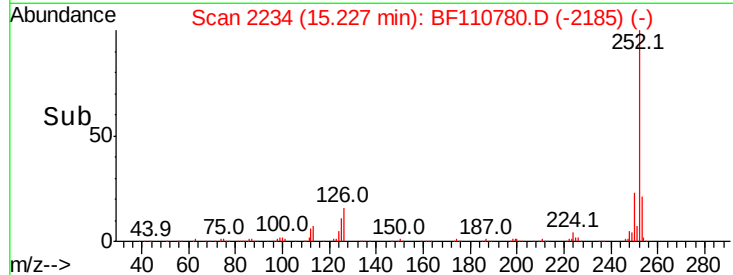
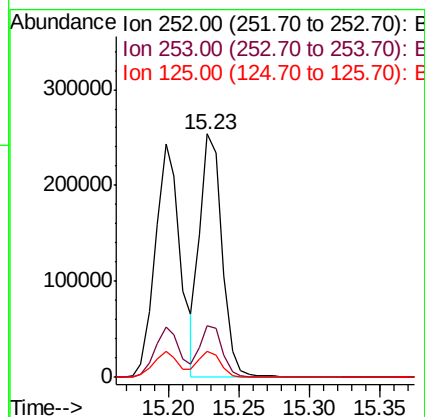
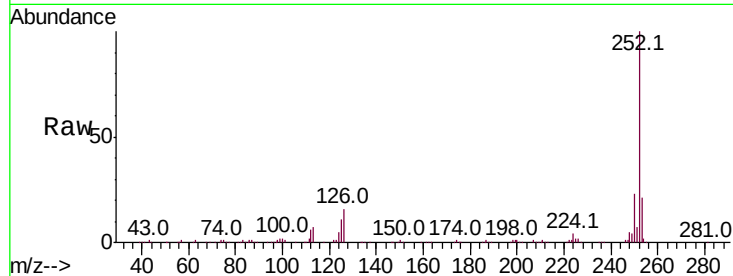
#89
Benzo(k)fluoranthene
Concen: 37.930 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	10.9	7.4	11.0

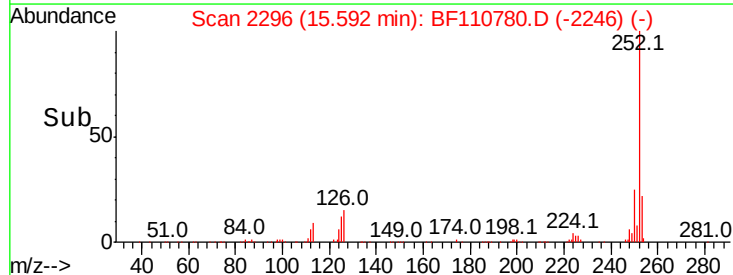
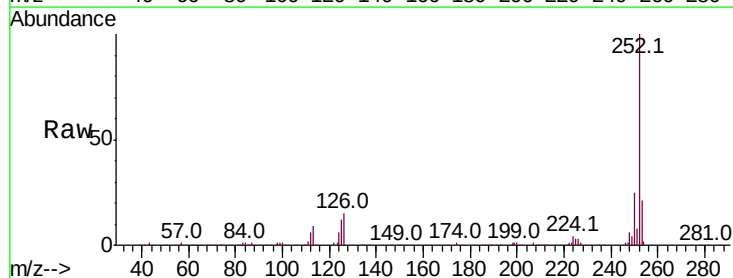
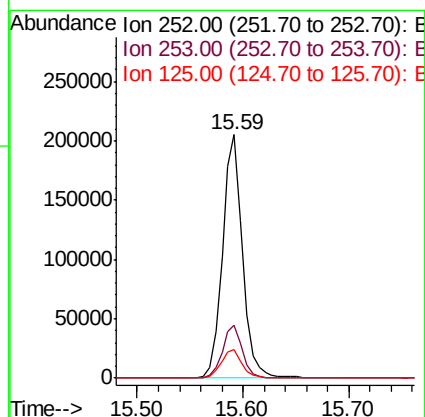
Manual Integrations
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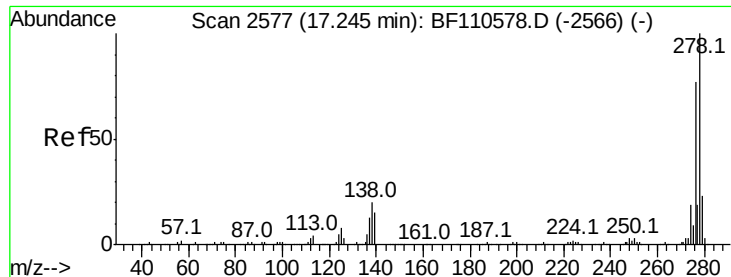
Sohil
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#90
Benzo(a)pyrene
Concen: 39.963 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	11.5	9.0	13.6





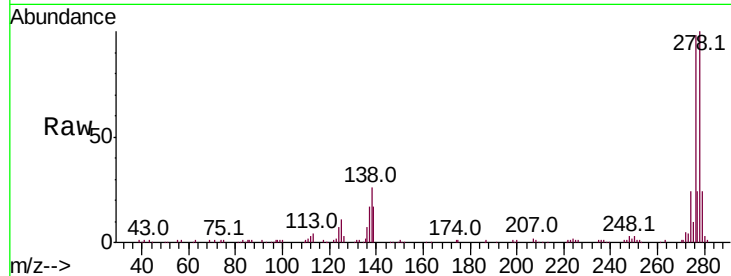
#91
Dibenzo(a,h)anthracene
Concen: 34.662 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

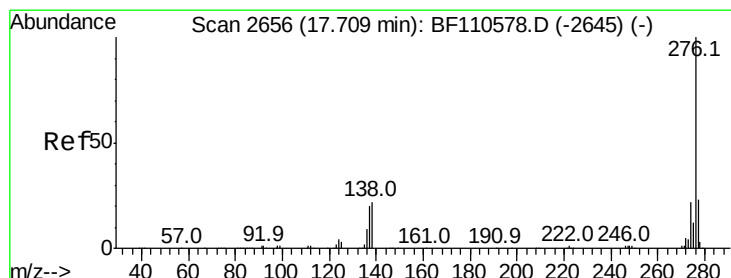
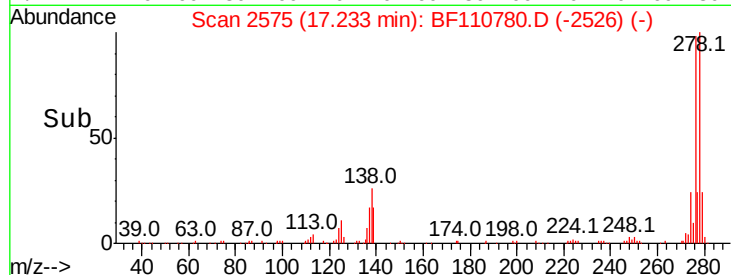
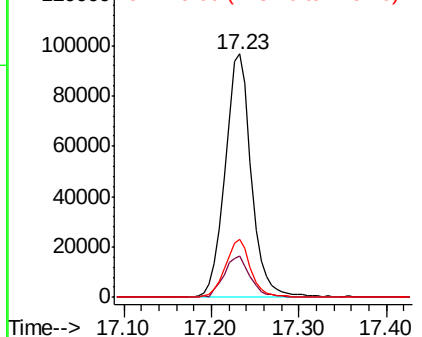
Tot Ion:278	Resp:	198451
Ion Ratio	Lower	Upper
278 100		
139 17.0	12.7	19.1
279 23.9	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/15/2018 10:59:31 AM



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: 30.685 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion:276	Resp:	174305
Ion Ratio	Lower	Upper
276 100		
277 22.9	18.8	28.2
138 22.9	16.0	24.0

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

