

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109269.D
 Acq On : 24 Sep 2018 16:00
 Operator : JU/SJ
 Sample : J5017-08MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

Quant Time: Sep 24 17:07:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	109195	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	405376	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	165207	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	236421	20.00	ng	0.01
75) Chrysene-d12	13.87	240	186002	20.00	ng	0.02
86) Perylene-d12	15.28	264	174367	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	616375	92.97	ng	0.00
7) Phenol-d6	6.35	99	798906	94.44	ng	0.00
23) Nitrobenzene-d5	7.27	82	488564	71.15	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	151035	92.74	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	839909	76.68	ng	0.00
78) Terphenyl-d14	12.82	244	503017	66.37	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	75805	24.827	ng	93
3) Pyridine	3.09	79	212390	27.027	ng	92
4) n-Nitrosodimethylamine	3.00	42	110914	33.165	ng	# 97
6) Aniline	6.37	93	293335	27.102	ng	# 5
8) 2-Chlorophenol	6.50	128	241702	32.785	ng	94
9) Benzaldehyde	6.25	77	166118	30.567	ng	99
10) Phenol	6.36	94	306501	31.993	ng	78
11) bis(2-Chloroethyl)ether	6.45	93	241473	32.212	ng	97
12) 1,3-Dichlorobenzene	6.65	146	262743	30.954	ng	99
13) 1,4-Dichlorobenzene	6.73	146	265595	31.058	ng	99
14) 1,2-Dichlorobenzene	6.88	146	249314	31.604	ng	99
15) Benzyl Alcohol	6.85	79	217065	33.522	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	326967	30.749	ng	95
17) 2-Methylphenol	6.97	107	199832	33.499	ng	96
18) Hexachloroethane	7.22	117	90380	29.999	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	170279	30.718	ng	99
20) 3+4-Methylphenols	7.12	107	241606	33.547	ng	# 62
22) Acetophenone	7.12	105	334188	35.657	ng	# 93
24) Nitrobenzene	7.29	77	256082	35.072	ng	97
25) Isophorone	7.53	82	466933	37.760	ng	97
26) 2-Nitrophenol	7.61	139	116144	40.222	ng	96
27) 2,4-Dimethylphenol	7.65	122	212509	39.440	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	285325	34.856	ng	99
29) 2,4-Dichlorophenol	7.85	162	202093	35.698	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	207034	32.729	ng	98
31) Naphthalene	8.02	128	680155	35.905	ng	99
32) Benzoic acid	7.76	122	86850	27.158	ng	98
33) 4-Chloroaniline	8.06	127	225460	27.245	ng	99
34) Hexachlorobutadiene	8.14	225	125076	32.798	ng	98
35) Caprolactam	8.42	113	75818	41.949	ng	89
36) 4-Chloro-3-methylphenol	8.55	107	204019	34.248	ng	98
37) 2-Methylnaphthalene	8.70	142	442544	36.239	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	199539	37.951	ng	98
40) Hexachlorocyclopentadiene	8.86	237	26441	11.530	ng	93

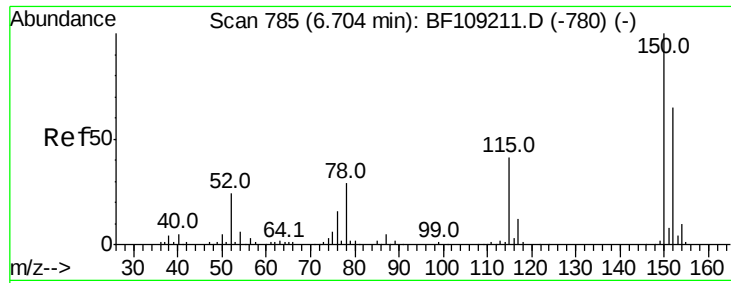
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	133541	39.574	nq	98
43) 2,4,5-Trichlorophenol	9.03	196	134374	37.704	nq	# 91
45) 1,1'-Biphenyl	9.17	154	496668	36.898	nq	97
46) 2-Chloronaphthalene	9.19	162	379097	35.254	nq	98
47) 2-Nitroaniline	9.28	65	118053	38.722	nq	91
48) Acenaphthylene	9.60	152	584635	36.039	nq	99
49) Dimethylphthalate	9.47	163	624742	51.992	nq	# 99
50) 2,6-Dinitrotoluene	9.53	165	90544	38.047	nq	92
51) Acenaphthene	9.78	154	332736	33.925	nq	99
52) 3-Nitroaniline	9.69	138	93739	34.013	nq	99
53) 2,4-Dinitrophenol	9.80	184	14733	24.105	nq	# 25
54) Dibenzofuran	9.95	168	470968	32.289	nq	# 95
55) 4-Nitrophenol	9.86	139	145901	70.275	nq	93
56) 2,4-Dinitrotoluene	9.93	165	107552	35.718	nq	# 98
57) Fluorene	10.29	166	357885	34.388	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	91708	32.499	nq	# 98
59) Diethylphthalate	10.17	149	397059	32.631	nq	97
60) 4-Chlorophenyl-phenylether	10.29	204	167527	30.819	nq	98
61) 4-Nitroaniline	10.30	138	85548	31.829	nq	93
62) Azobenzene	10.45	77	375663	29.715	nq	95
64) 4,6-Dinitro-2-methylphenol	10.34	198	14259	19.542	nq	# 1
65) n-Nitrosodiphenylamine	10.40	169	421032	53.901	nq	91
66) 4-Bromophenyl-phenylether	10.77	248	97015	36.953	nq	94
67) Hexachlorobenzene	10.85	284	96280	34.530	nq	95
68) Atrazine	10.93	200	99152	41.273	nq	92
69) Pentachlorophenol	11.04	266	97645	58.511	nq	98
70) Phenanthrene	11.25	178	510958	43.285	nq	97
71) Anthracene	11.30	178	447651	37.389	nq	98
72) Carbazole	11.46	167	382812	32.136	nq	96
73) Di-n-butylphthalate	11.80	149	426607	31.108	nq	# 97
74) Fluoranthene	12.45	202	378773	30.025	nq	96
76) Benzidine	12.56	184	196347	29.278	nq	# 88
77) Pyrene	12.68	202	450605	33.803	nq	97
79) Butylbenzylphthalate	13.29	149	175846	31.006	nq	# 88
80) Benzo(a)anthracene	13.86	228	409556	36.556	nq	# 95
81) 3,3'-Dichlorobenzidine	13.82	252	142336	33.430	nq	# 96
82) Chrysene	13.90	228	399438	35.971	nq	97
83) Bis(2-ethylhexyl)phthalate	13.86	149	234987	32.854	nq	# 96
84) Di-n-octyl phthalate	14.46	149	429813	35.146	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.63	276	315113	35.010	nq	# 91
87) Benzo(b)fluoranthene	14.88	252	352194	36.758	nq	# 90
88) Benzo(k)fluoranthene	14.90	252	310914	34.197	nq	# 88
89) Benzo(a)pyrene	15.22	252	315741	36.571	nq	# 92
90) Dibenzo(a,h)anthracene	16.64	278	263298	37.173	nq	96
91) Benzo(g,h,i)perylene	17.03	276	257715	37.022	nq	# 91

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

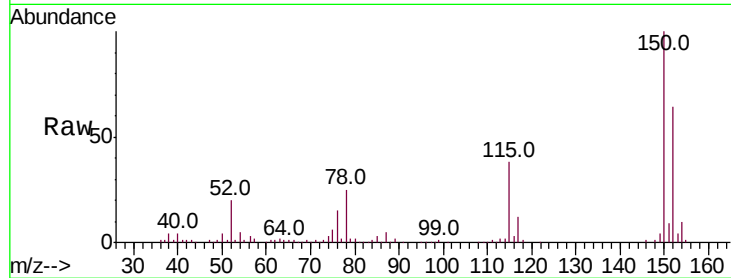


#1

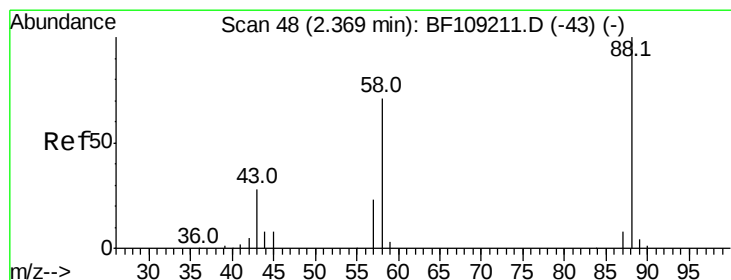
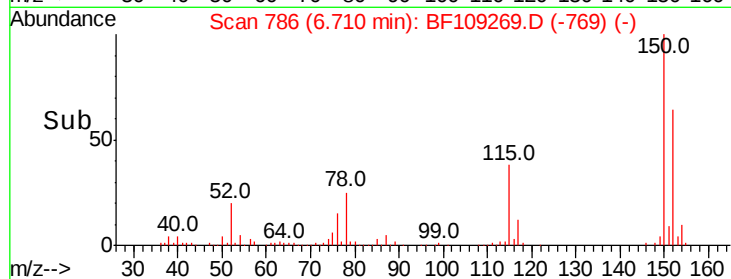
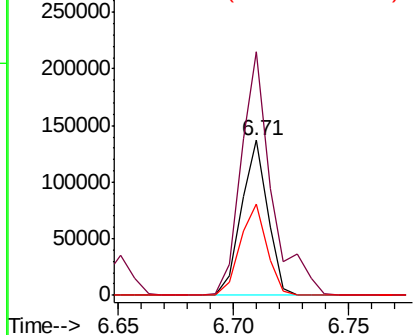
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:152 Resp: 109195
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.6 186.8
 115 59.1 50.1 75.1



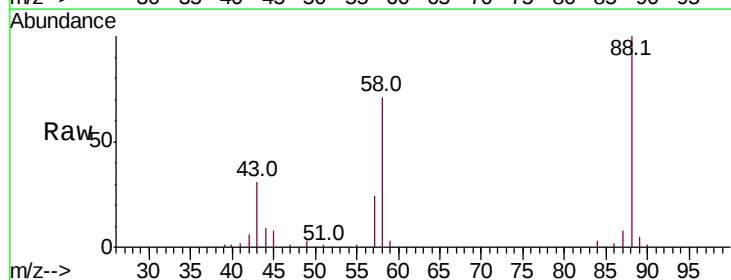
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



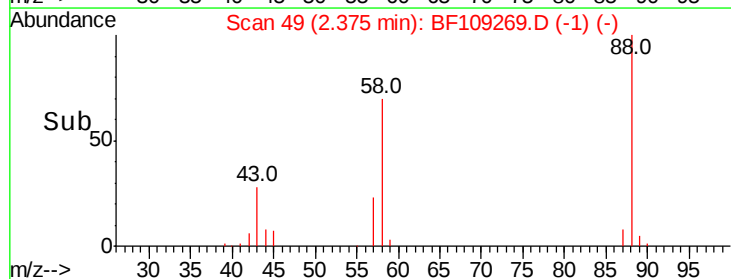
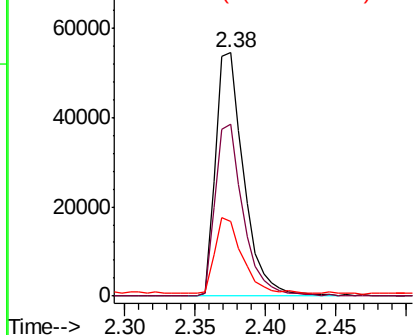
#2

1,4-Dioxane
 Concen: 24.827 ng
 RT: 2.38 min Scan# 49
 Delta R.T. 0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion: 88 Resp: 75805
 Ion Ratio Lower Upper
 88 100
 58 70.0 62.6 93.8
 43 30.4 24.6 37.0



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





#3

Pvridine

Concen: 27.027 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.02 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

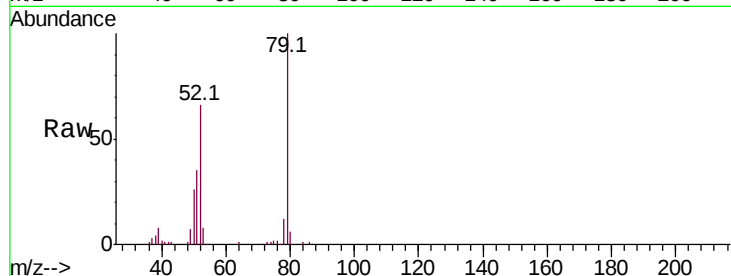
Tot Ion: 79 Resp: 212390

Ion Ratio Lower Upper

79 100

52 66.4 59.8 89.6

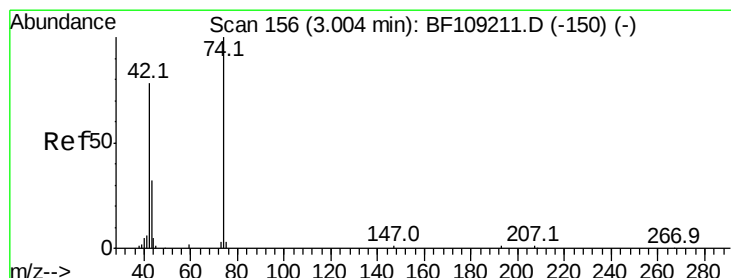
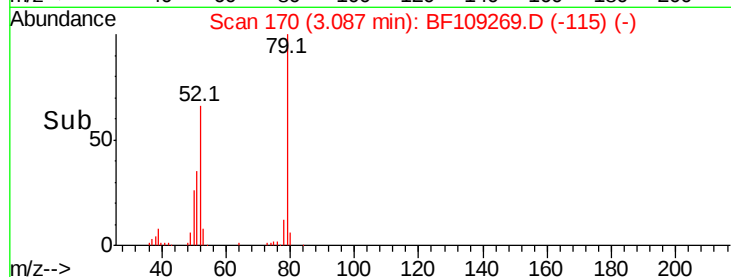
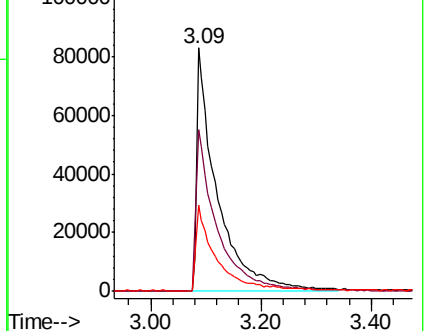
51 35.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.165 ng

RT: 3.00 min Scan# 156

Delta R.T. -0.02 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

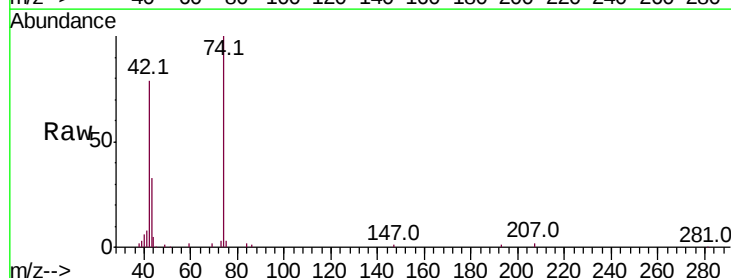
Tgt Ion: 42 Resp: 110914

Ion Ratio Lower Upper

42 100

74 127.3 104.9 157.3

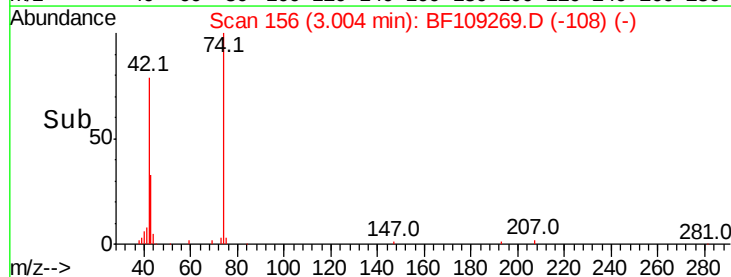
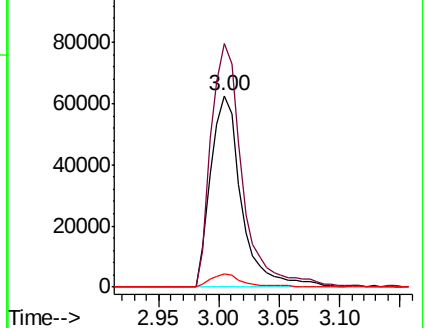
44 6.7 6.9 10.3#

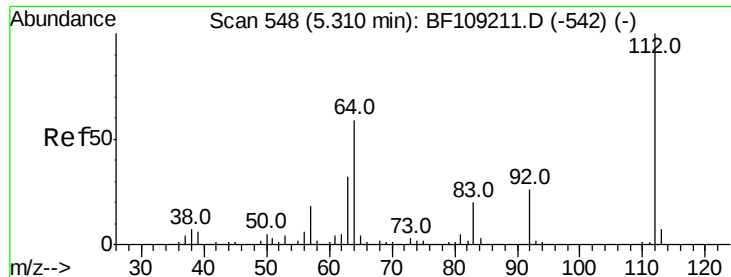


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 92.973 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

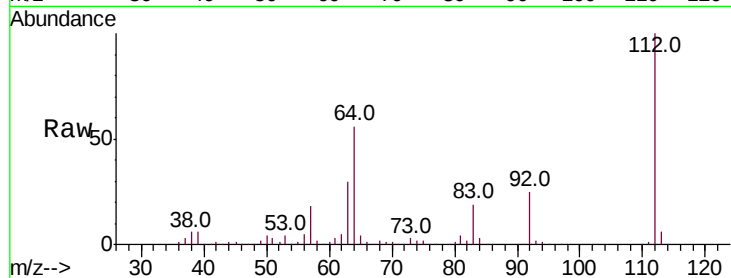
Tot Ion:112 Resp: 616375

Ion Ratio Lower Upper

112 100

64 55.6 47.9 71.9

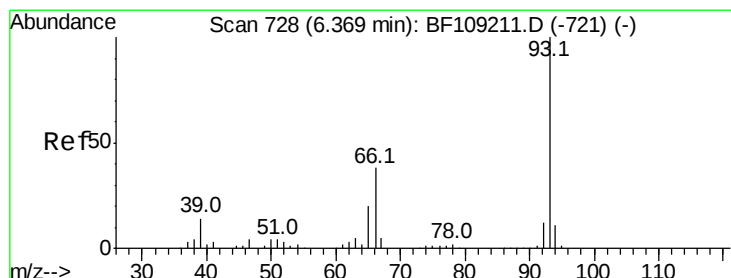
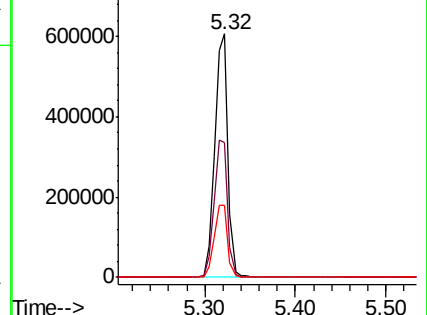
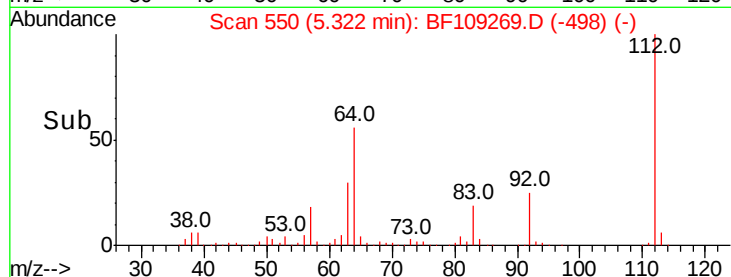
63 29.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.102 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

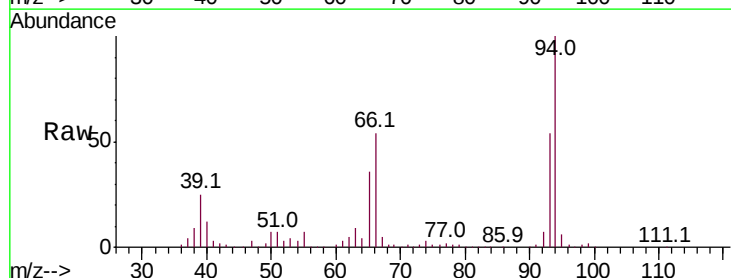
Tgt Ion: 93 Resp: 293335

Ion Ratio Lower Upper

93 100

66 98.4 32.2 48.2#

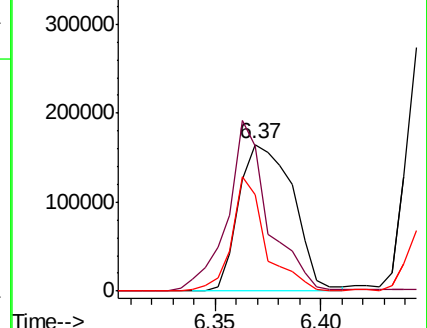
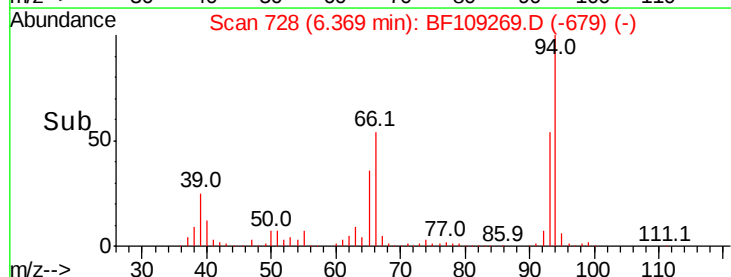
65 65.4 16.4 24.6#

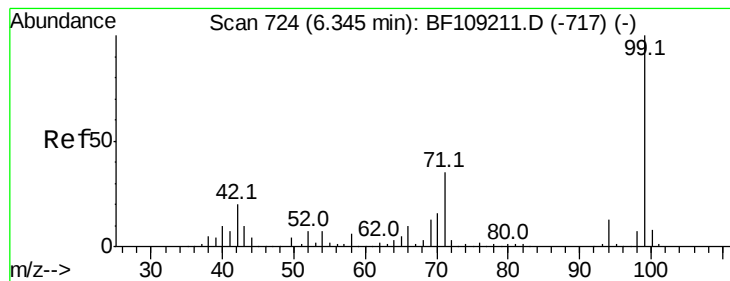


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.437 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

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ClientSampleId :

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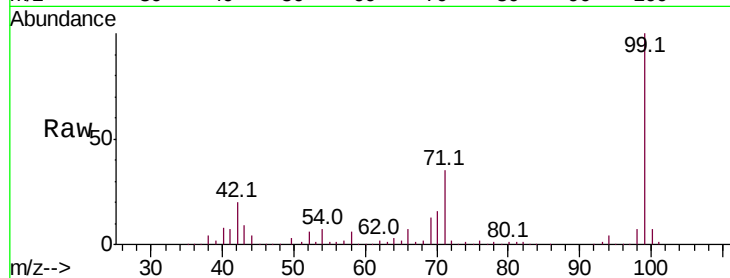
Tot Ion: 99 Resp: 798906

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 35.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1

800000

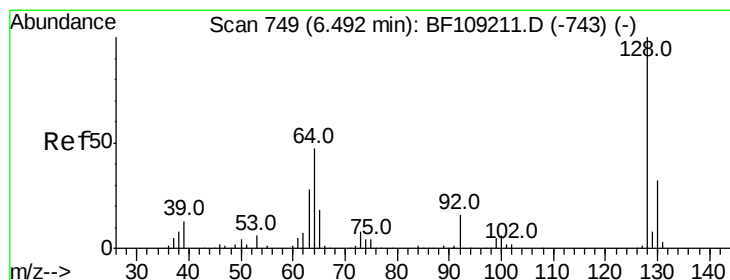
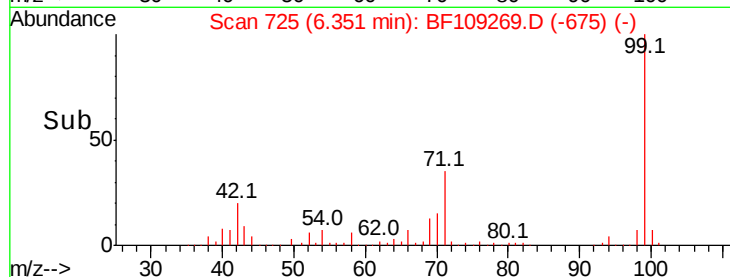
600000

400000

200000

0

Time-->



#8

2-Chlorophenol

Concen: 32.785 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

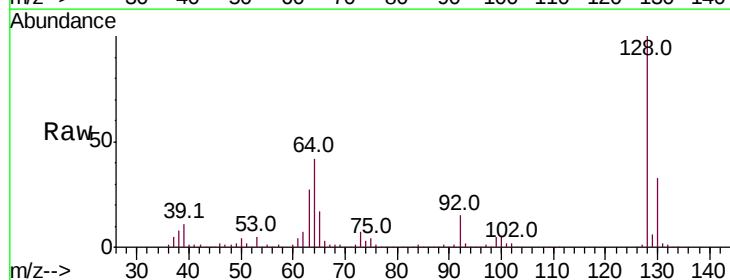
Tgt Ion:128 Resp: 241702

Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

64 42.2 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

400000

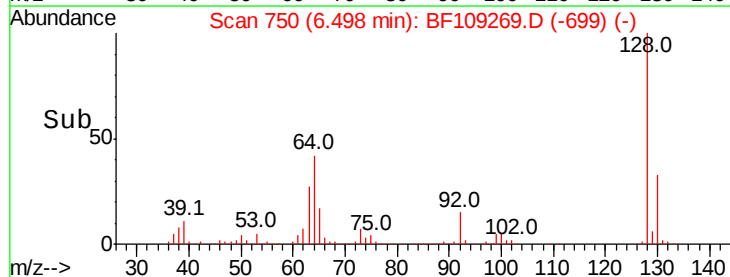
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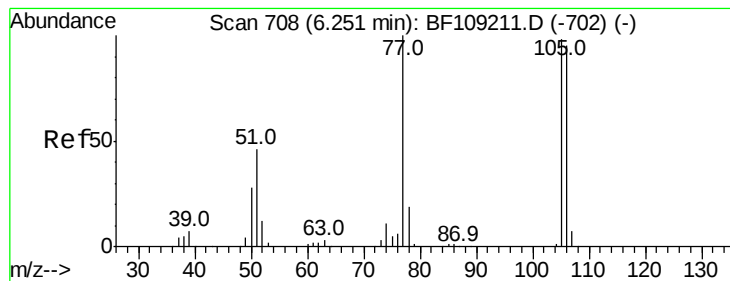
200000

100000

0

Time-->





#9

Benzaldehyde

Concen: 30.567 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

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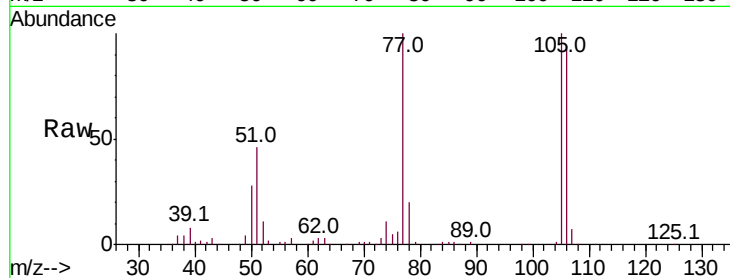
Tot Ion: 77 Resp: 166118

Ion Ratio Lower Upper

77 100

105 99.7 81.1 121.1

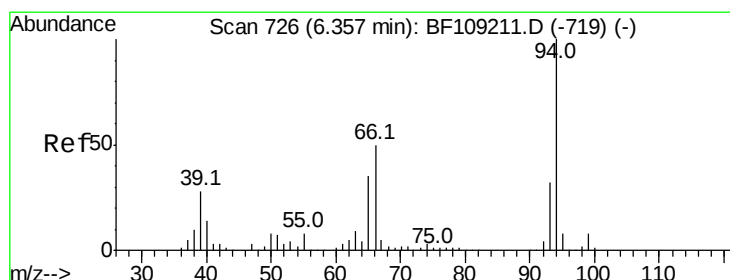
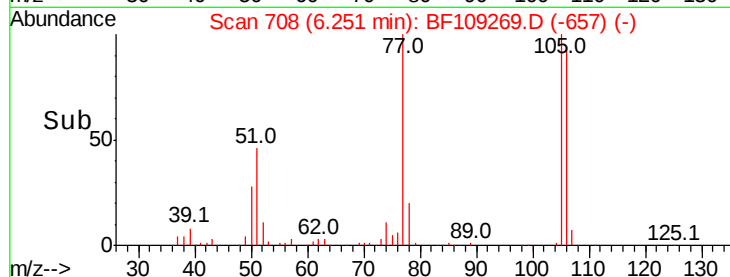
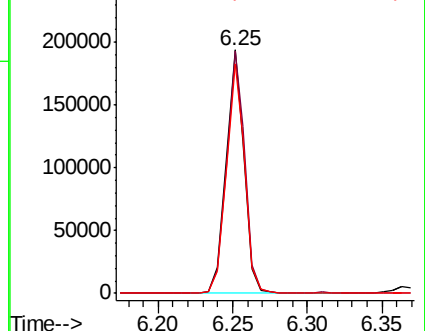
106 94.4 74.5 114.5



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: 31.993 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

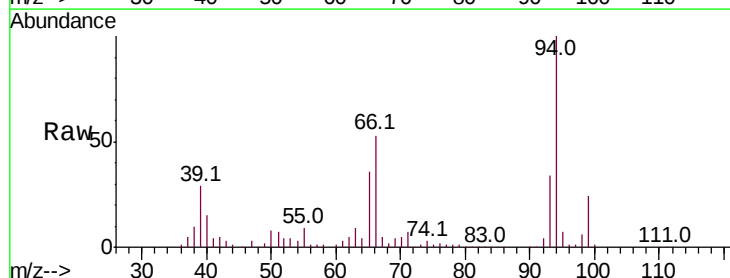
Tgt Ion: 94 Resp: 306501

Ion Ratio Lower Upper

94 100

65 35.5 7.9 47.9

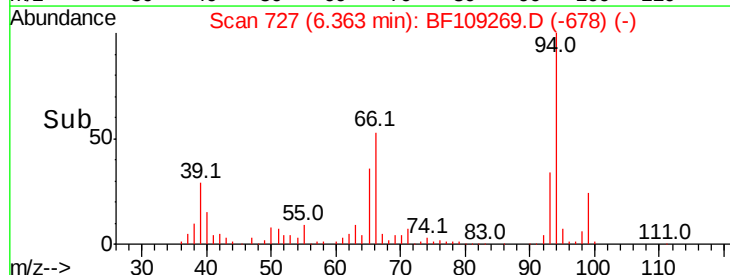
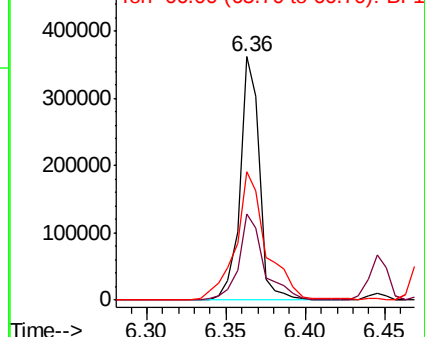
66 53.0 16.2 56.2

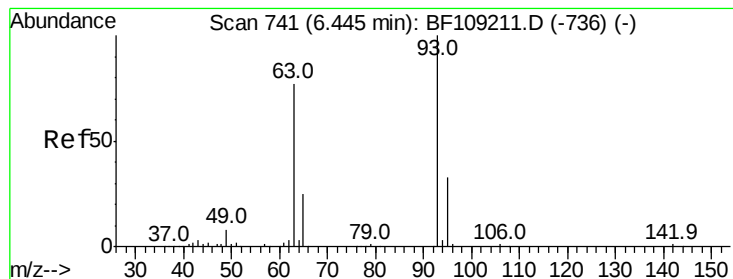


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

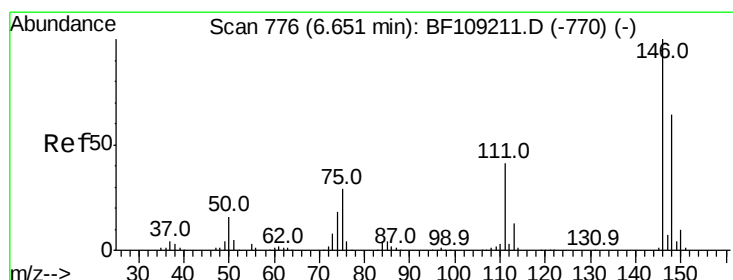
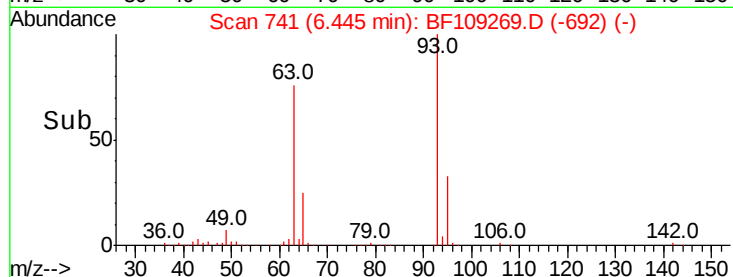
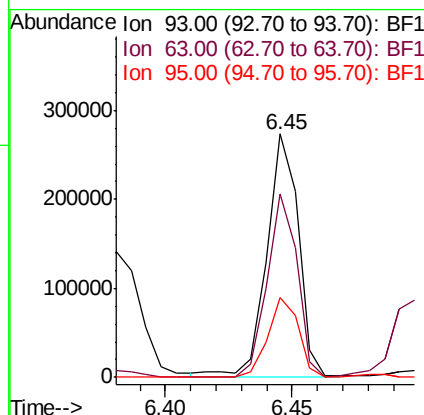
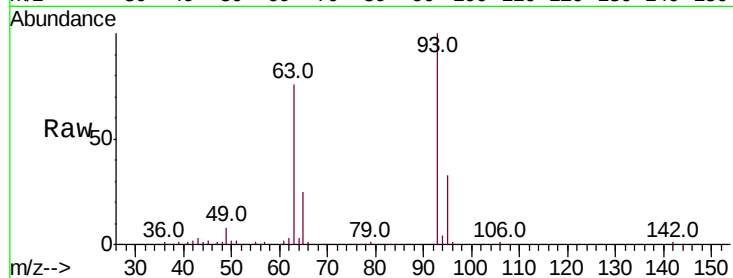




#11
 bis(2-Chloroethyl)ether
 Concen: 32.212 ng
 RT: 6.45 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

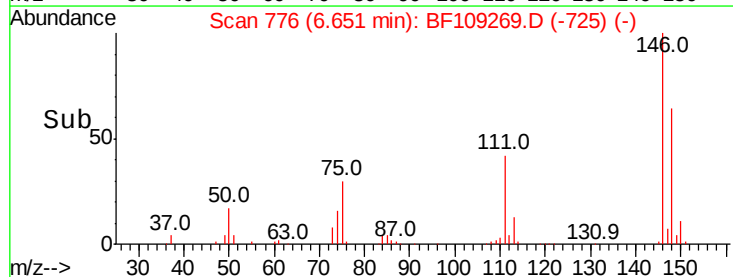
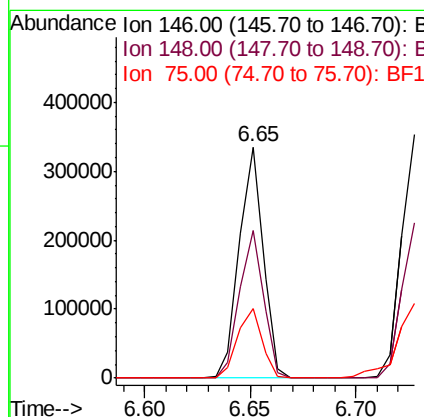
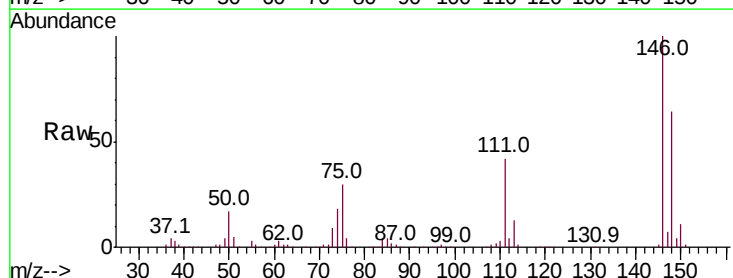
Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

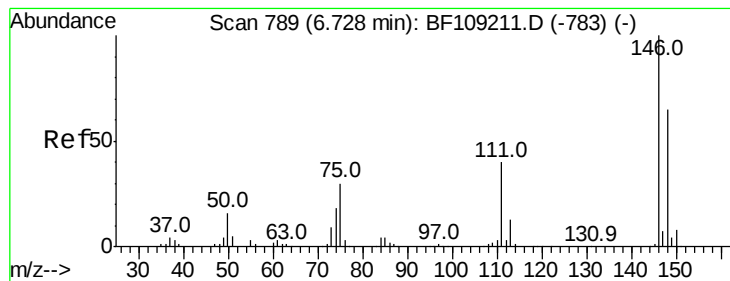
Tot Ion:	93	Resp:	241473
Ion	Ratio	Lower	Upper
93	100		
63	75.6	58.6	98.6
95	32.9	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 30.954 ng
 RT: 6.65 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion:	146	Resp:	262743
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	30.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 31.058 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

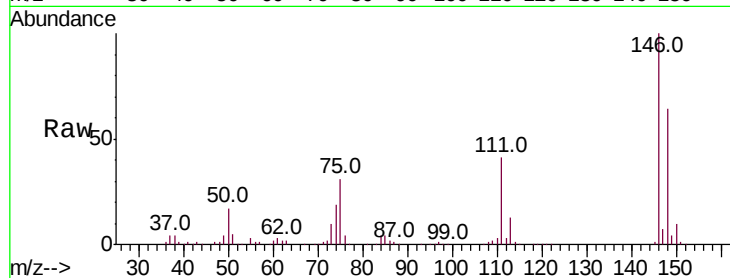
Tot Ion:146 Resp: 265595

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

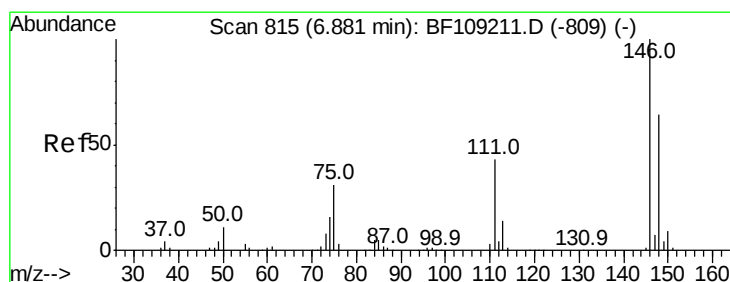
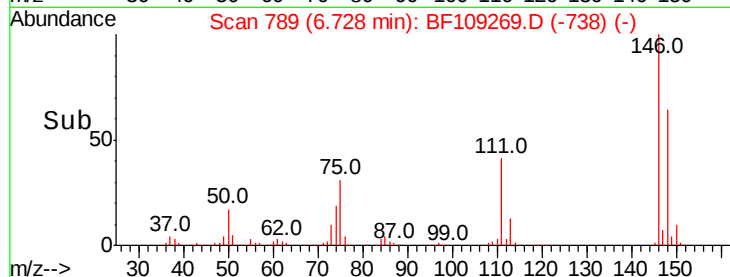
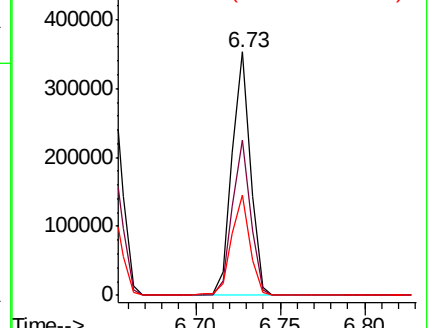
111 40.9 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 31.604 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

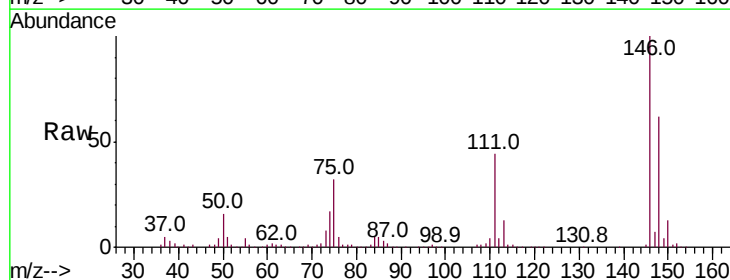
Tgt Ion:146 Resp: 249314

Ion Ratio Lower Upper

146 100

148 62.4 50.6 75.8

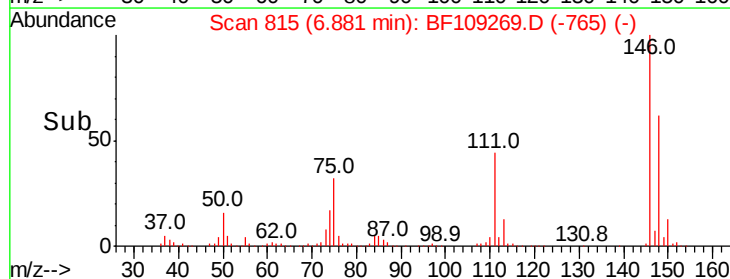
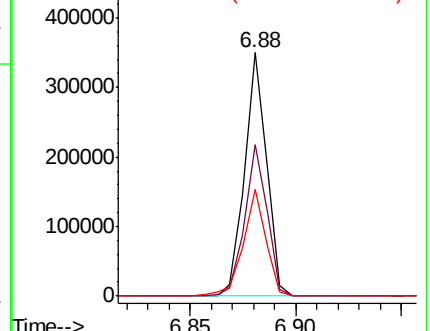
111 43.8 36.0 54.0

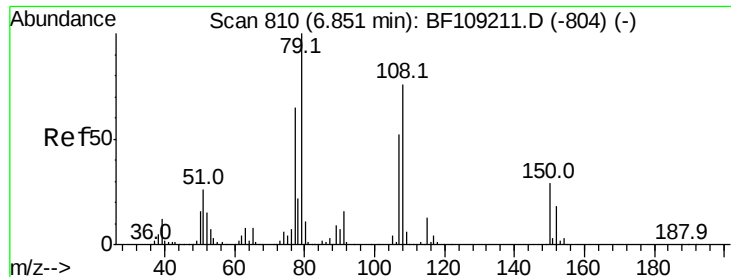


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.522 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

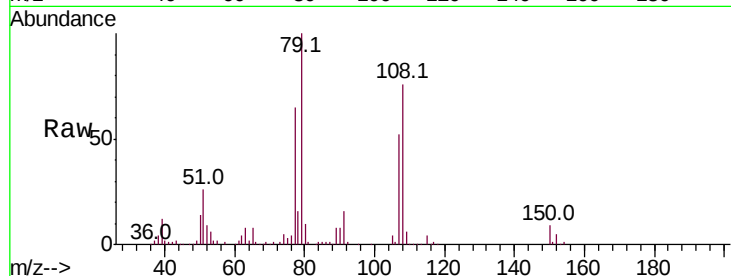
Tot Ion: 79 Resp: 217065

Ion Ratio Lower Upper

79 100

108 75.7 65.1 97.7

77 65.0 50.6 75.8



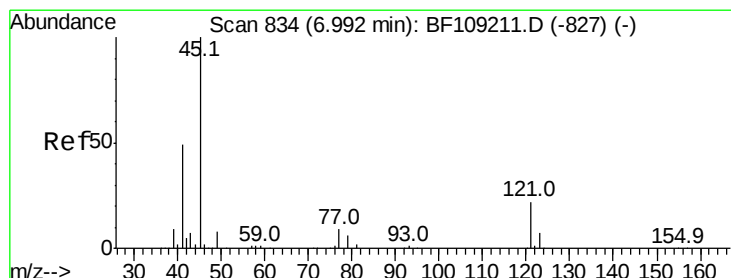
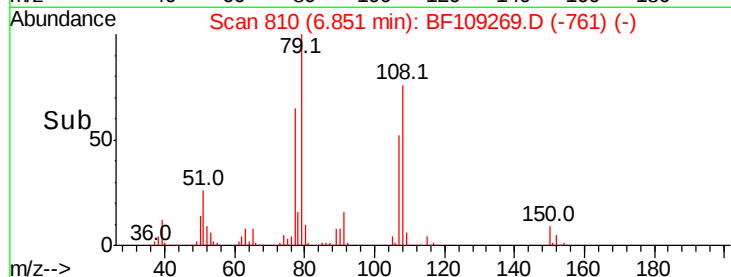
Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

6.85

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.749 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

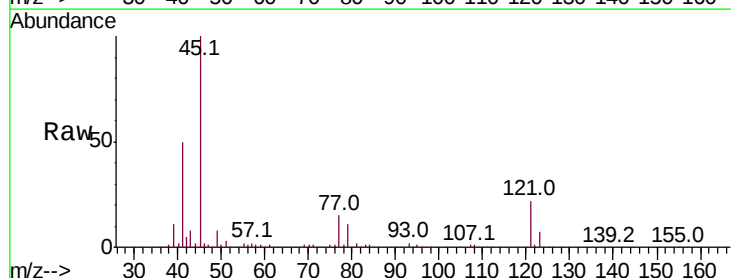
Tgt Ion: 45 Resp: 326967

Ion Ratio Lower Upper

45 100

77 15.1 0.0 32.9

79 11.4 0.0 29.6



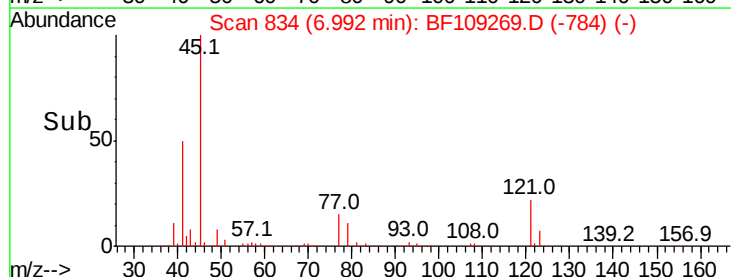
Abundance Ion 45.00 (44.70 to 45.70): BF1

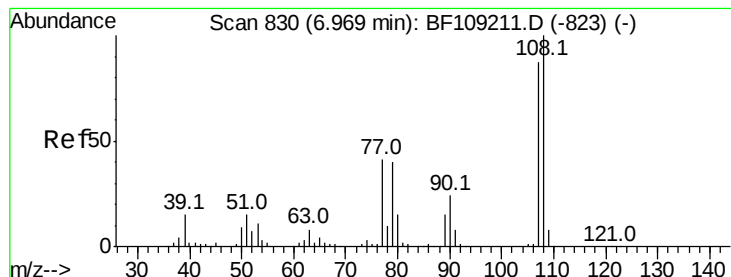
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

6.99

Time-->





#17

2-Methylphenol

Concen: 33.499 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:107 Resp: 199832

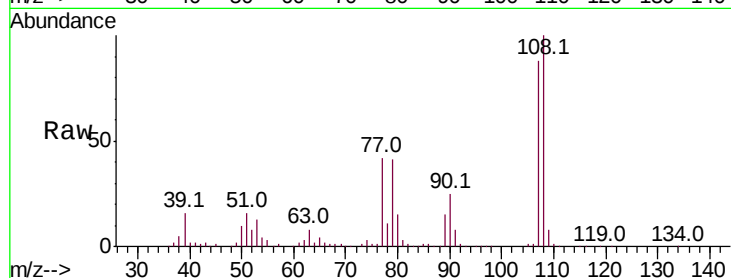
Ion Ratio Lower Upper

107 100

108 114.1 91.7 137.5

77 47.9 33.8 50.8

79 46.8 33.8 50.8

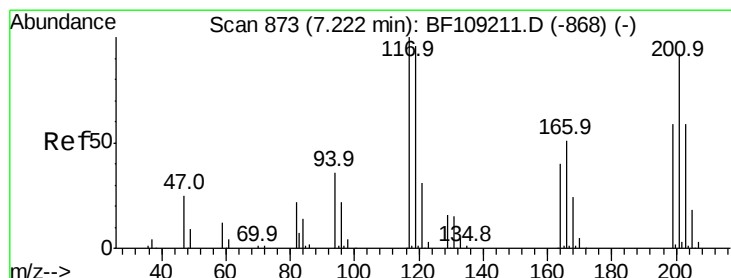
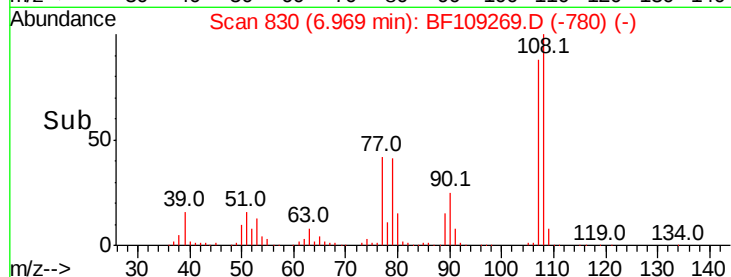
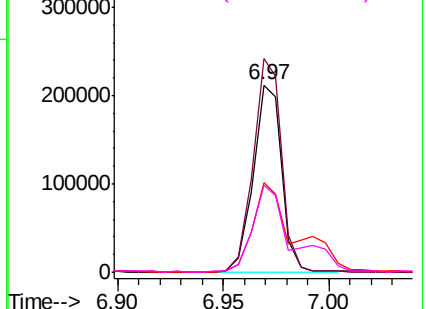


Abundance Ion 107.00 (106.70 to 107.70): E

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: 29.999 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

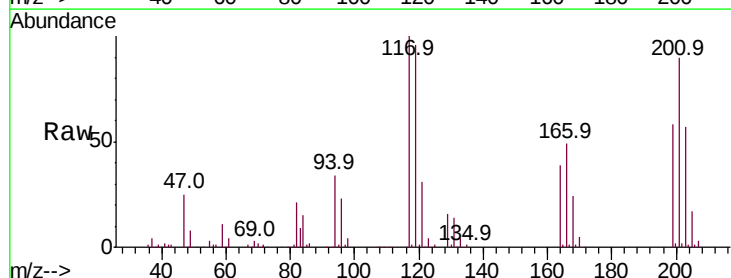
Tgt Ion:117 Resp: 90380

Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.8

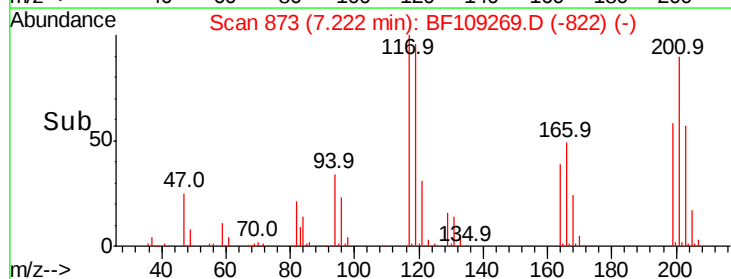
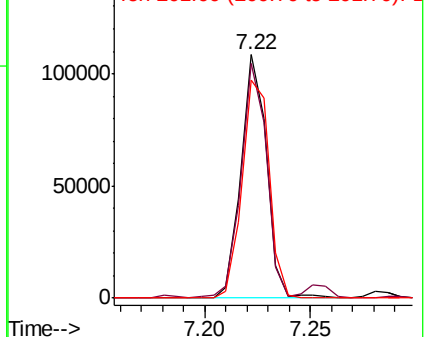
201 89.7 75.7 113.5

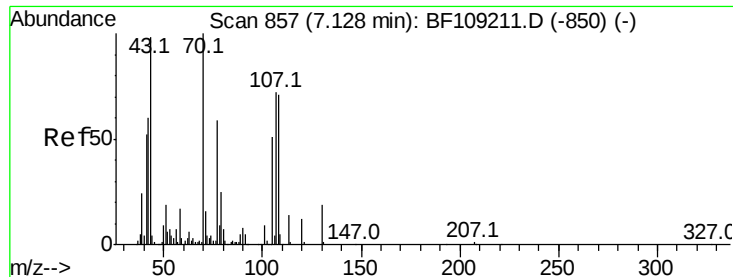


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

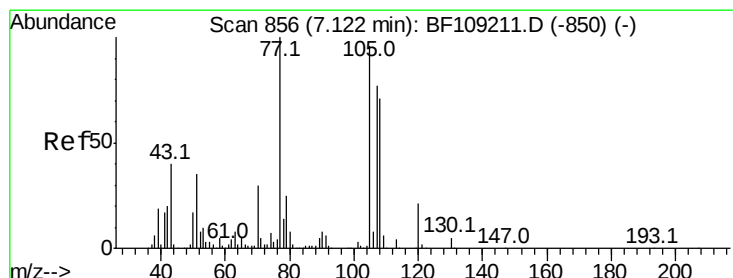
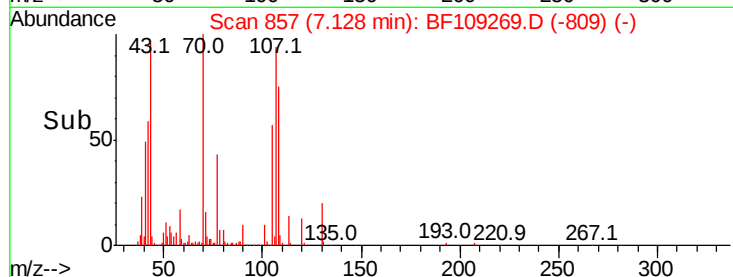
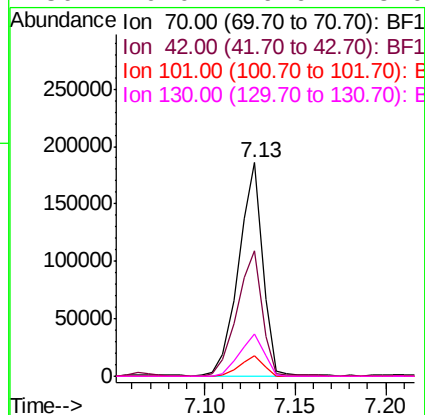
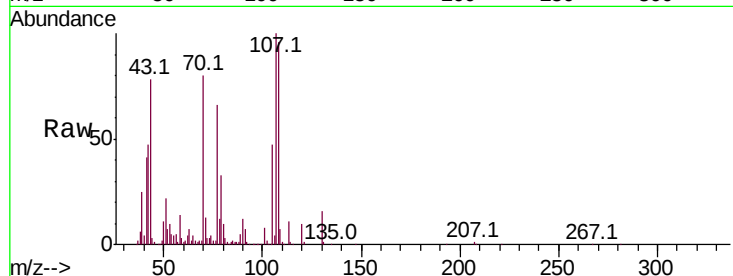




#19
n-Nitroso-di-n-propylamine
Concen: 30.718 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

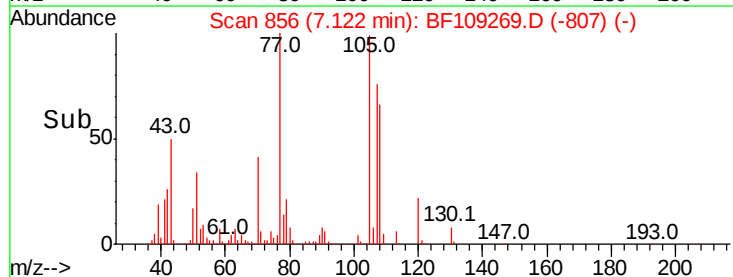
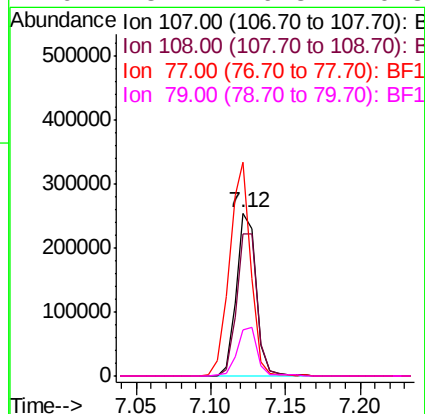
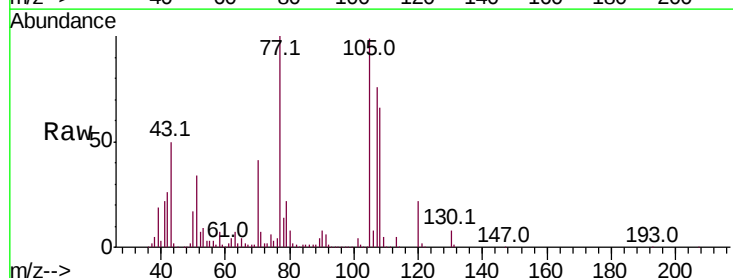
Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

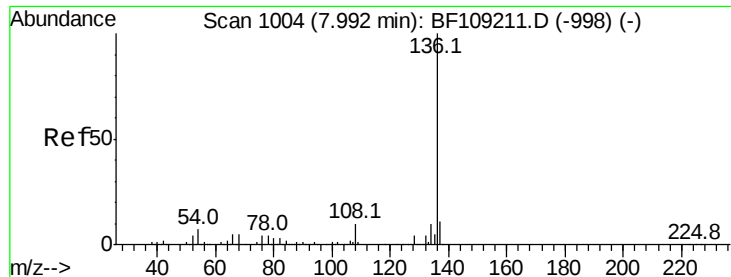
Tot Ion:	70	Resp:	170279
Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.5	71.3
101	9.4	7.4	11.2
130	20.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 33.547 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:	107	Resp:	241606
Ion	Ratio	Lower	Upper
107	100		
108	86.8	68.2	108.2
77	130.9	26.7	66.7#
79	28.7	6.3	46.3

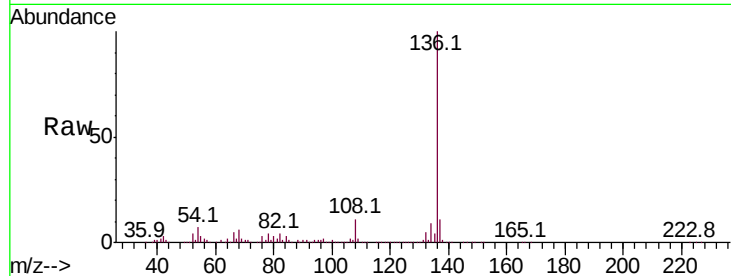




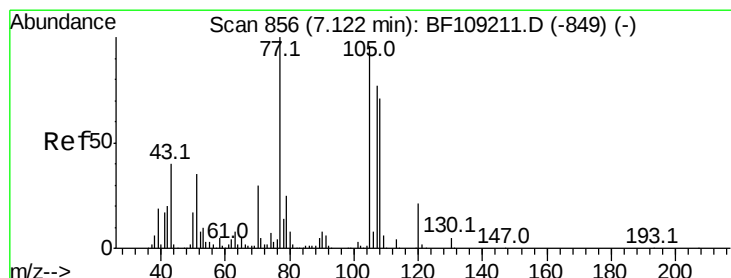
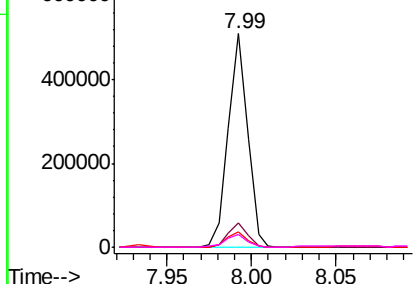
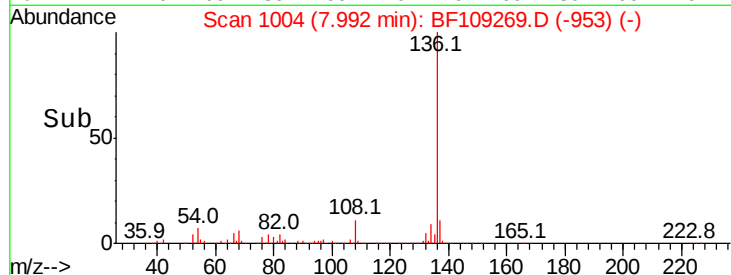
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:136	Resp:	405376
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	7.0	6.6 9.8
68	5.9	5.0 7.4

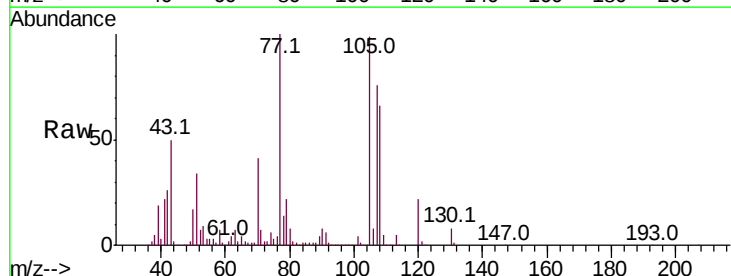


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

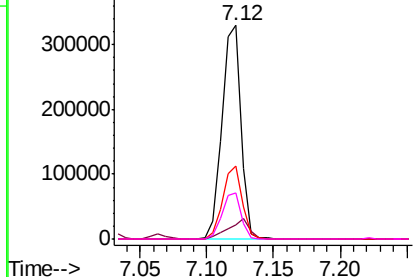
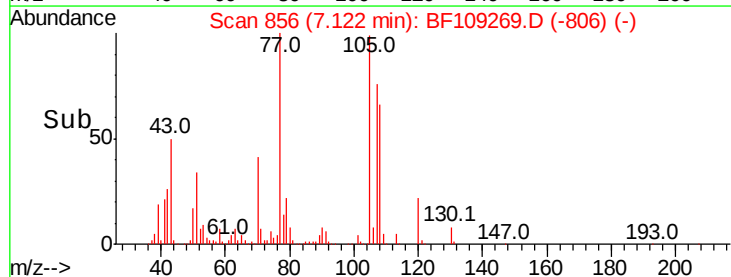


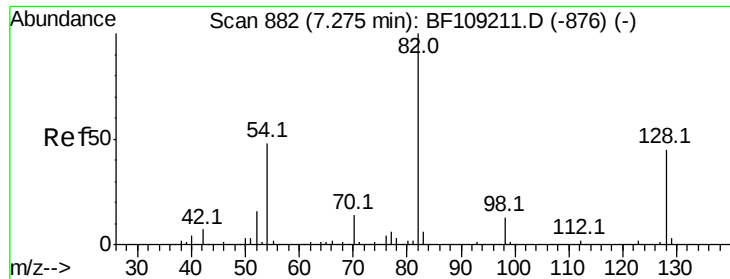
#22
Acetophenone
Concen: 35.657 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:105	Resp:	334188
Ion Ratio	Lower	Upper
105	100	
71	6.9	4.4 6.6#
51	34.3	22.3 33.5#
120	21.9	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
500000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

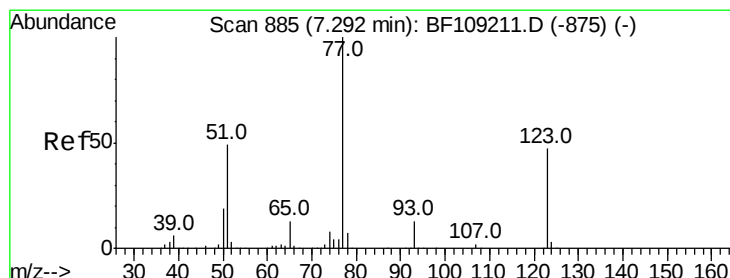
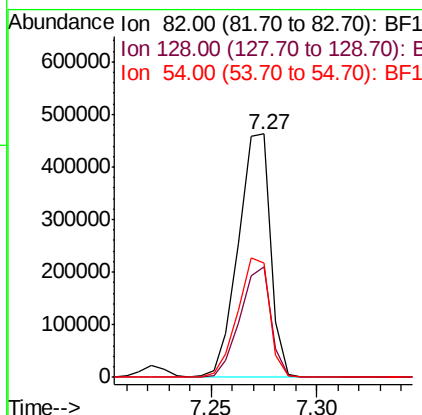
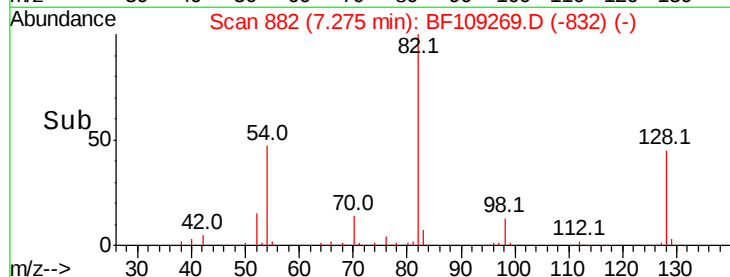
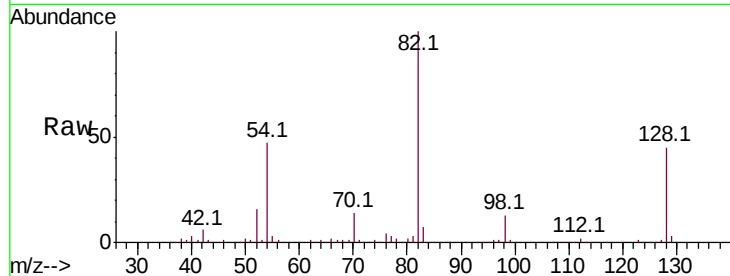




#23
 Nitrobenzene-d5
 Concen: 71.145 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

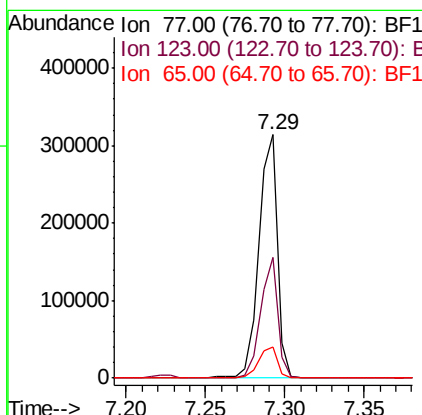
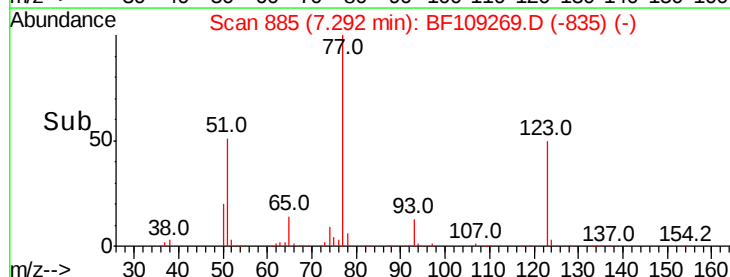
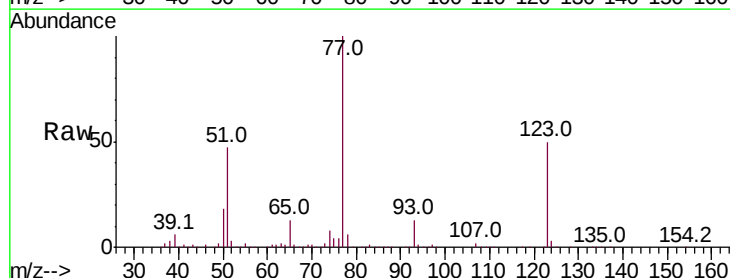
Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

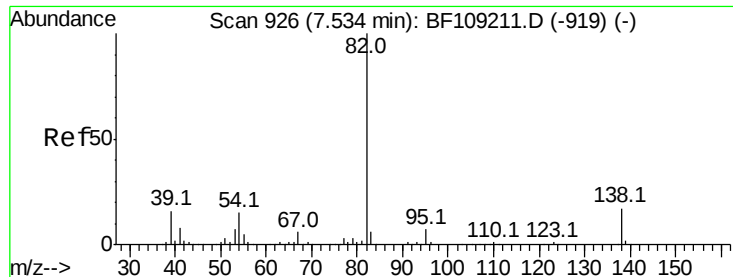
Tot Ion: 82 Resp: 488564
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.1 54.1
 54 47.0 41.4 62.2



#24
 Nitrobenzene
 Concen: 35.072 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion: 77 Resp: 256082
 Ion Ratio Lower Upper
 77 100
 123 49.8 37.9 56.9
 65 12.7 11.0 16.4





#25

Isophorone

Concen: 37.760 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

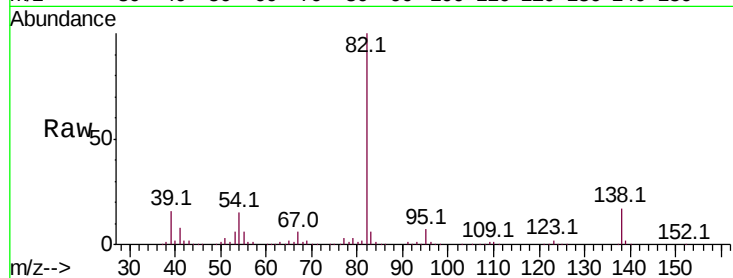
Tot Ion: 82 Resp: 466933

Ion Ratio Lower Upper

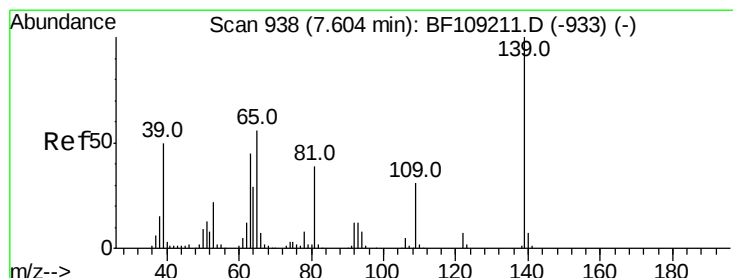
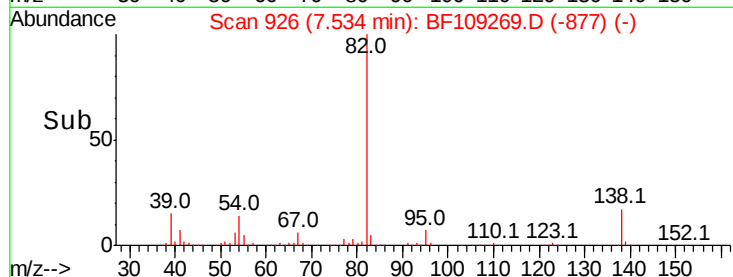
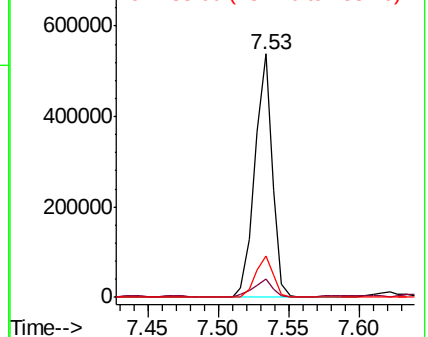
82 100

95 7.4 5.2 7.8

138 17.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.222 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

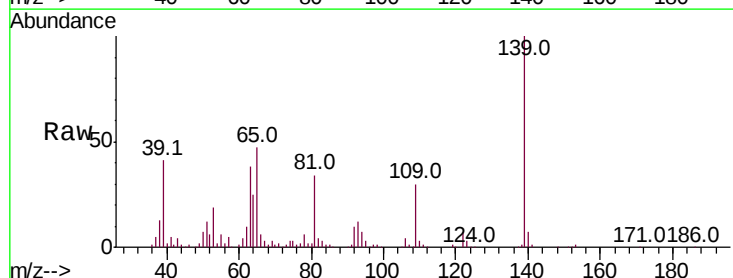
Tgt Ion: 139 Resp: 116144

Ion Ratio Lower Upper

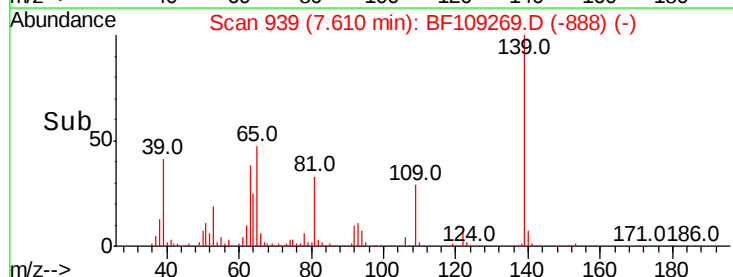
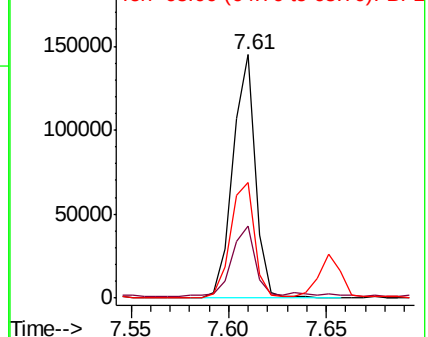
139 100

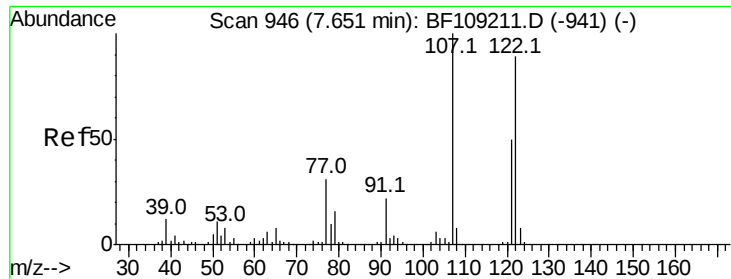
109 29.7 22.7 34.1

65 47.4 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

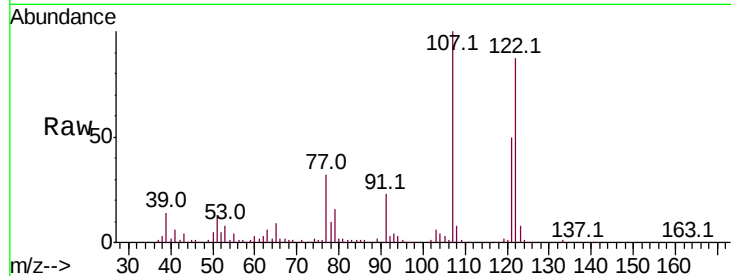




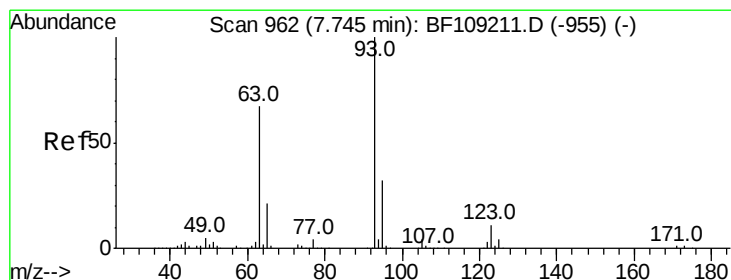
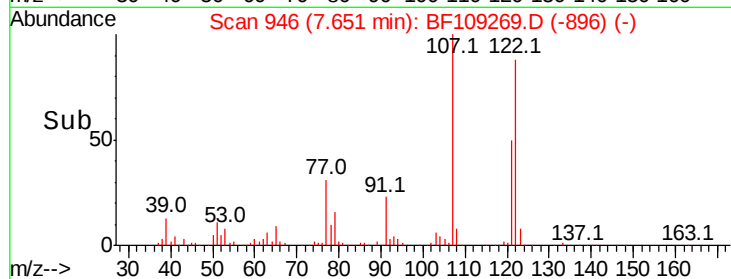
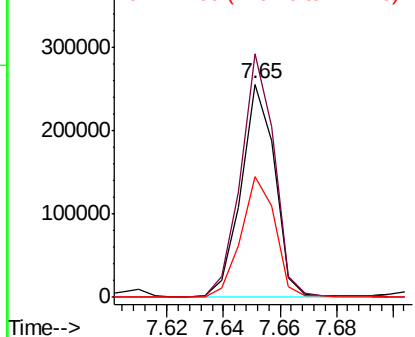
#27
 2,4-Dimethylphenol
 Concen: 39.440 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:122 Resp: 212509
 Ion Ratio Lower Upper
 122 100
 107 114.3 91.2 136.8
 121 56.8 47.2 70.8

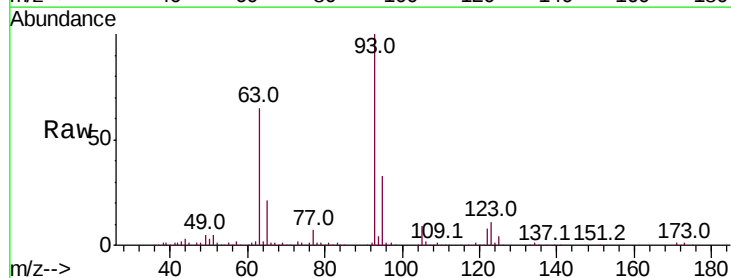


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

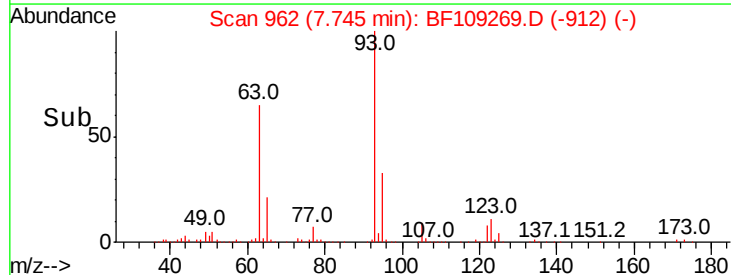
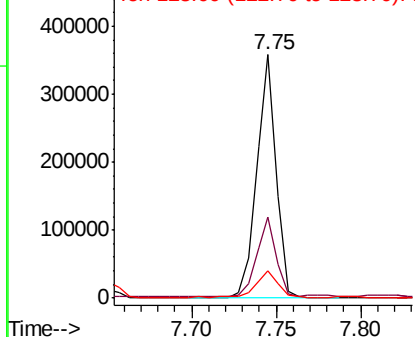


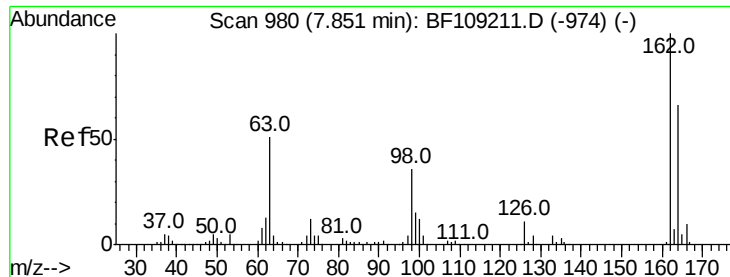
#28
 bis(2-Chloroethoxy)methane
 Concen: 34.856 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion: 93 Resp: 285325
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.3 39.5
 123 11.3 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

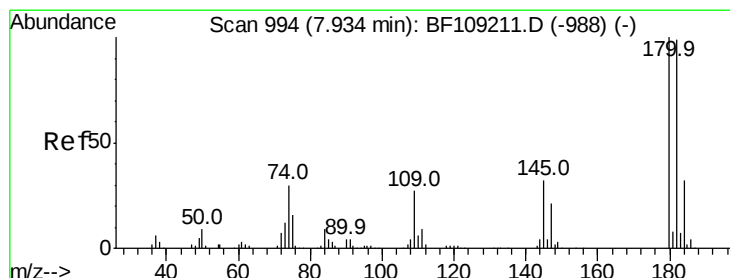
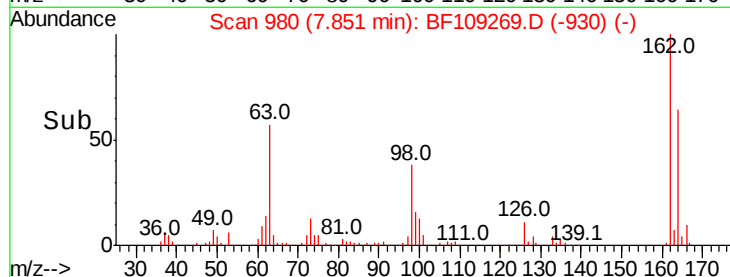
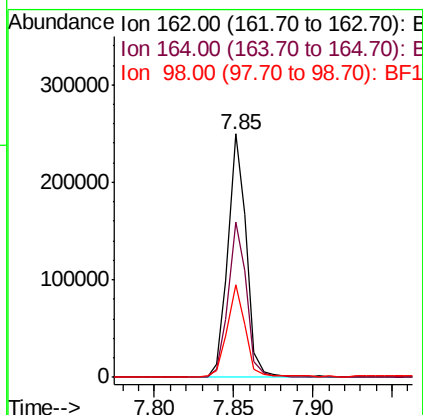
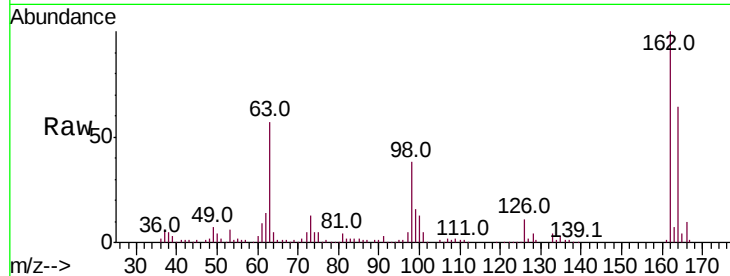




#29
 2,4-Dichlorophenol
 Concen: 35.698 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

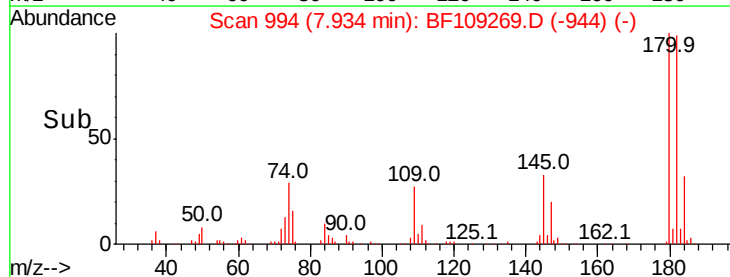
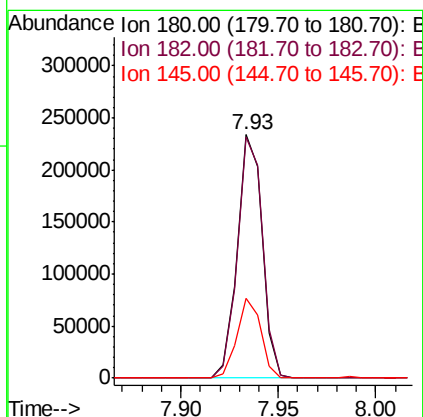
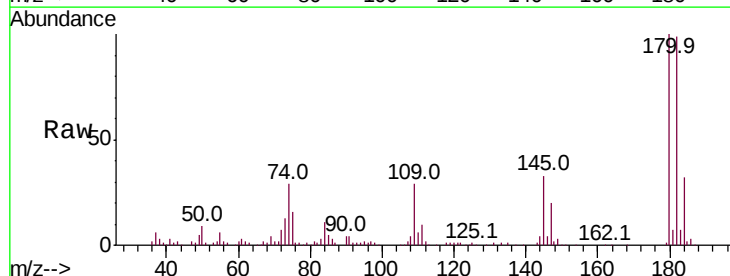
Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

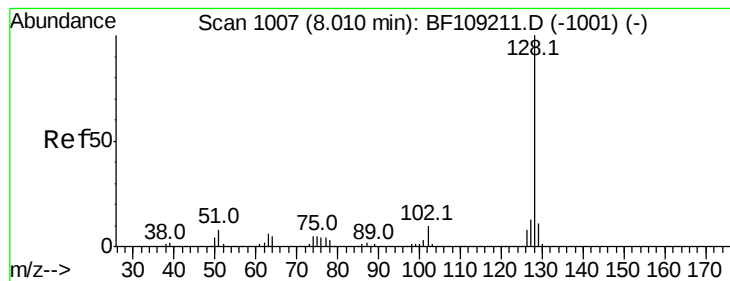
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.7	82.7
98	38.2	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 32.729 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	76.8	115.2
145	32.7	26.5	39.7





#31

Naphthalene

Concen: 35.905 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

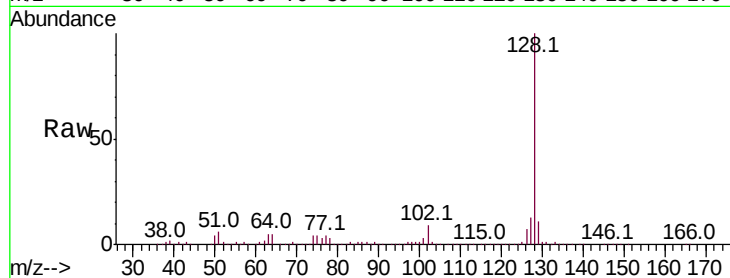
Tot Ion:128 Resp: 680155

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

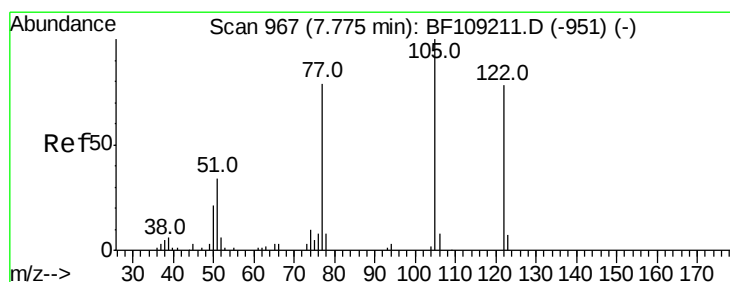
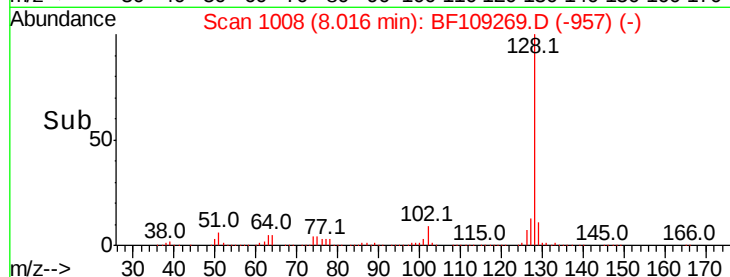
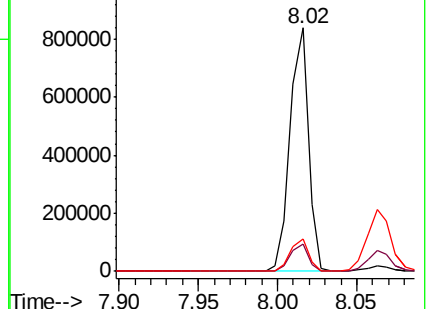
127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.158 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.06 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

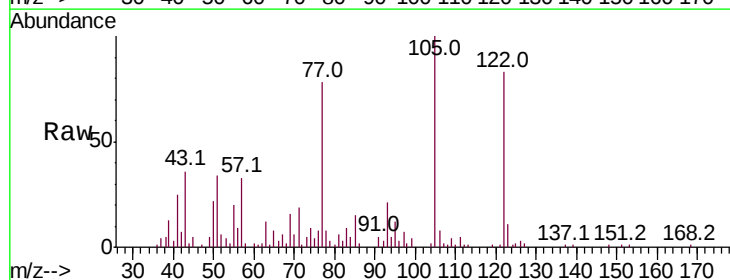
Tgt Ion:122 Resp: 86850

Ion Ratio Lower Upper

122 100

105 120.1 101.1 141.1

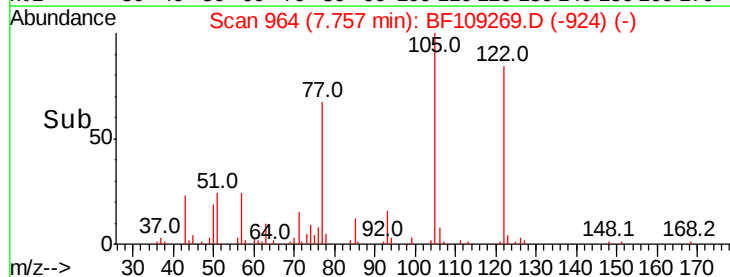
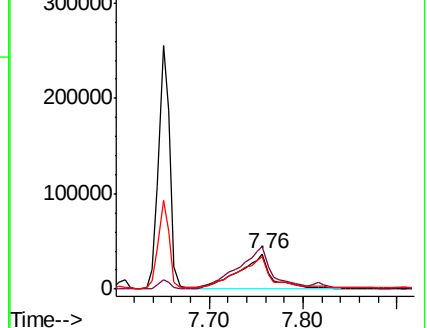
77 93.1 70.7 110.7

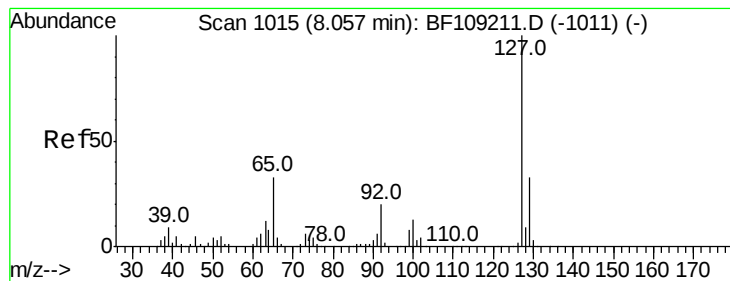


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 27.245 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:127 Resp: 225460

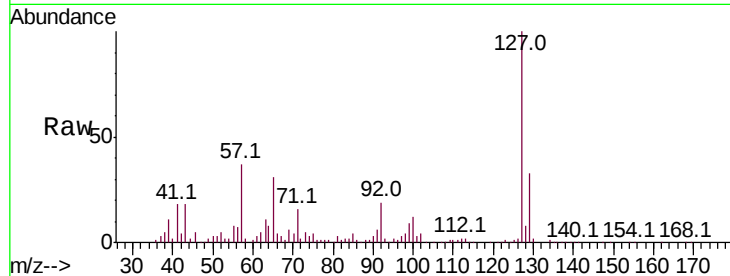
Ion Ratio Lower Upper

127 100

129 33.1 25.9 38.9

65 31.5 25.0 37.4

92 18.9 15.2 22.8

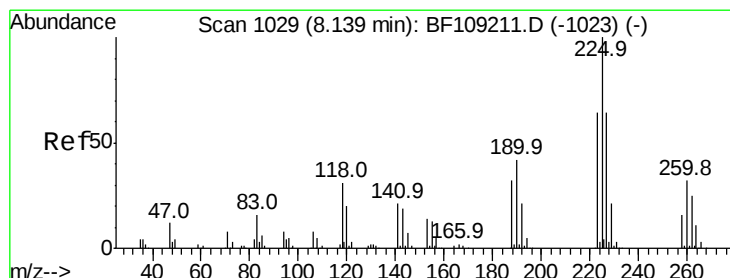
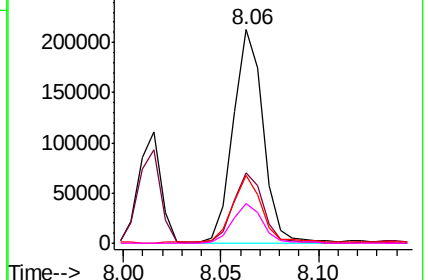
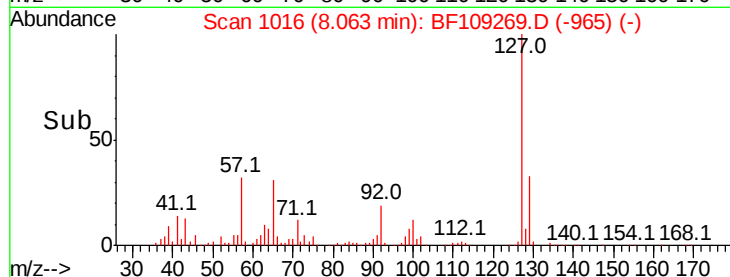


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 32.798 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

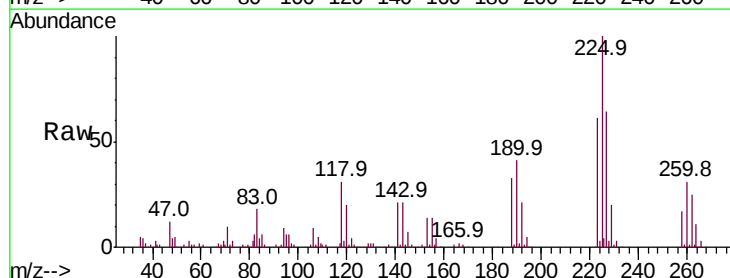
Tgt Ion:225 Resp: 125076

Ion Ratio Lower Upper

225 100

223 61.4 50.6 76.0

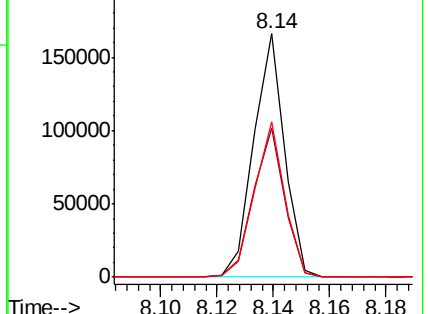
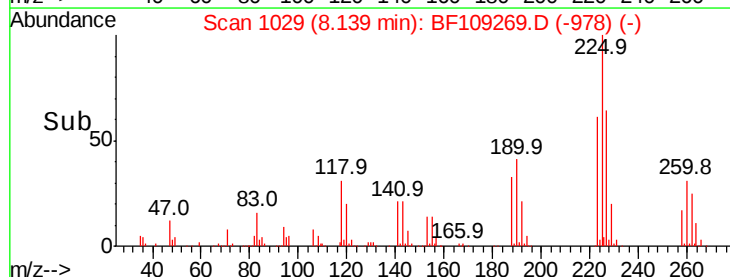
227 63.7 51.9 77.9

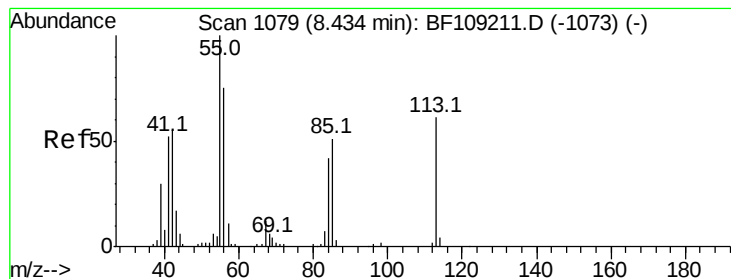


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.949 ng

RT: 8.42 min Scan# 1077

Delta R.T. -0.04 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

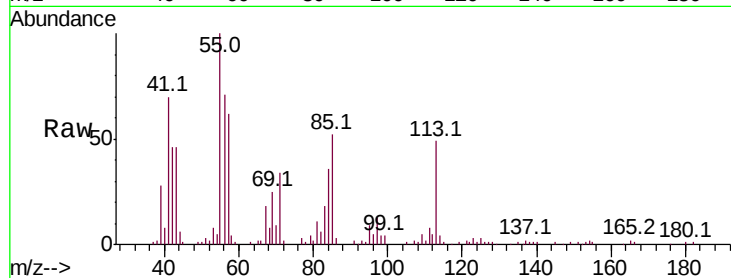
Tot Ion:113 Resp: 75818

Ion Ratio Lower Upper

113 100

55 202.8 163.3 203.3

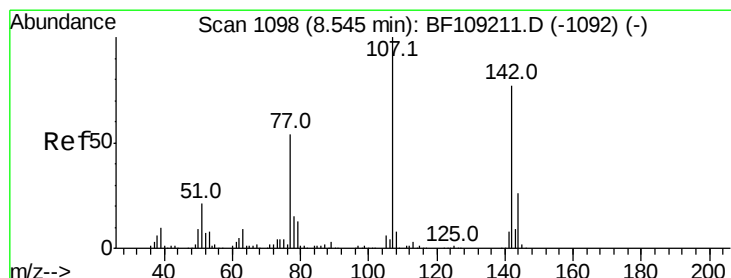
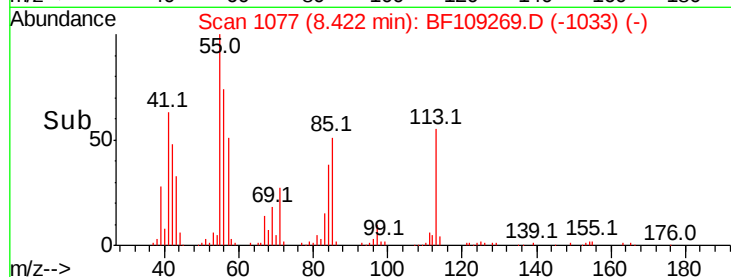
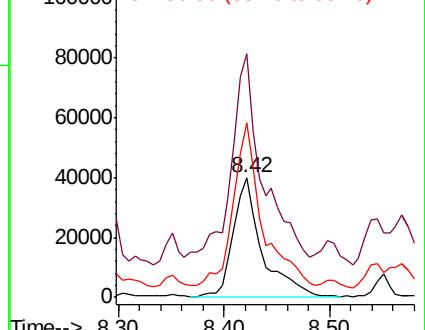
56 144.9 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 34.248 ng

RT: 8.55 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

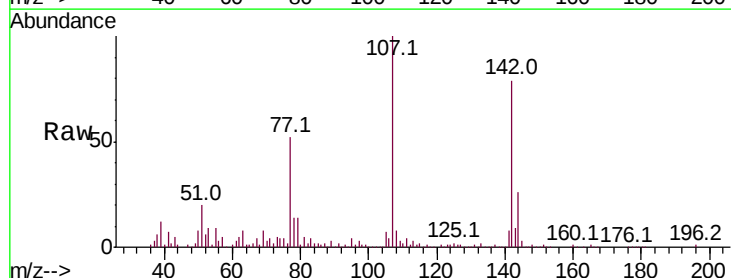
Tgt Ion:107 Resp: 204019

Ion Ratio Lower Upper

107 100

144 26.3 20.5 30.7

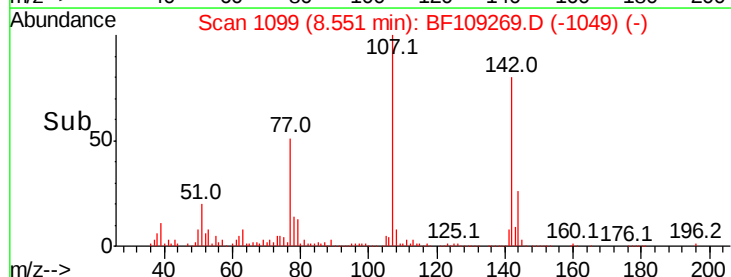
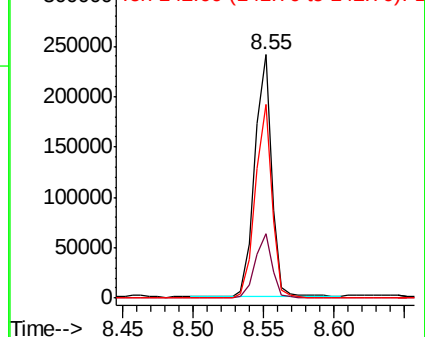
142 79.4 62.0 93.0

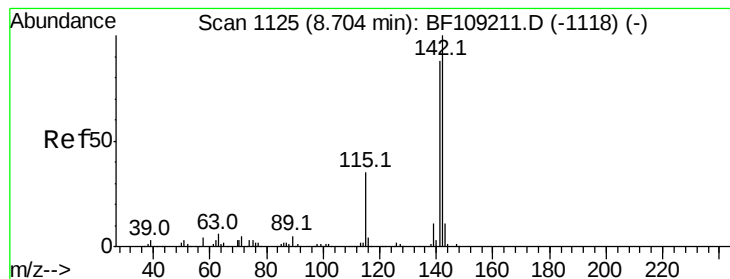


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

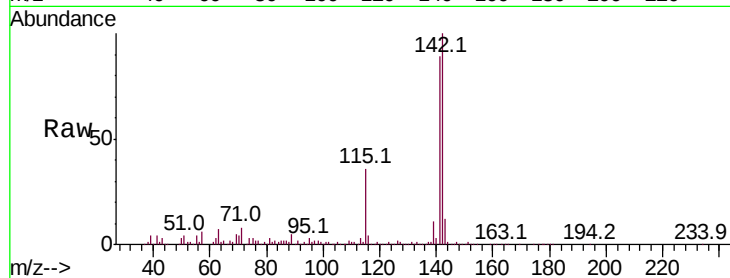




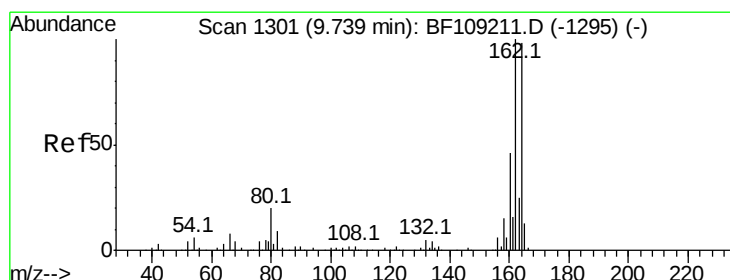
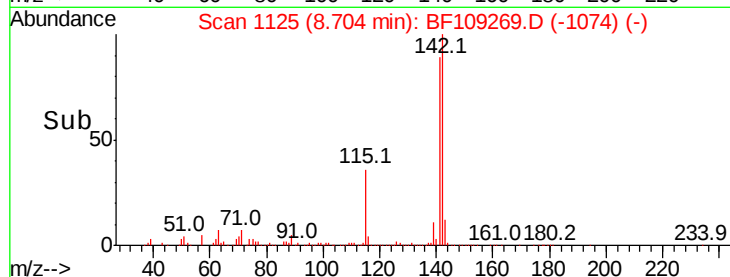
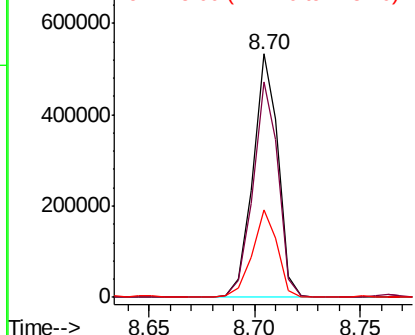
#37
2-Methylnaphthalene
Concen: 36.239 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	36.0	26.1	39.1

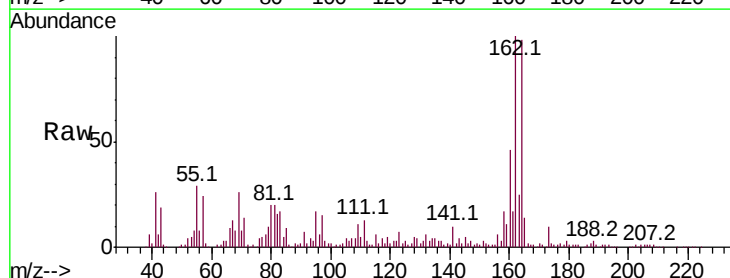


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

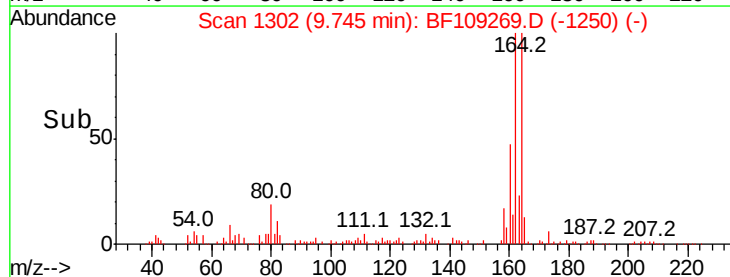
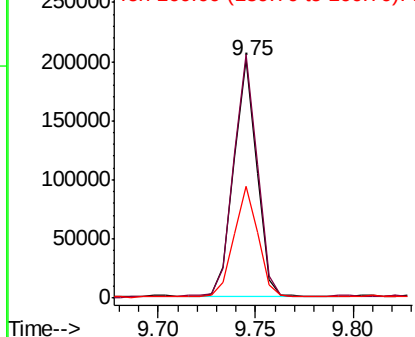


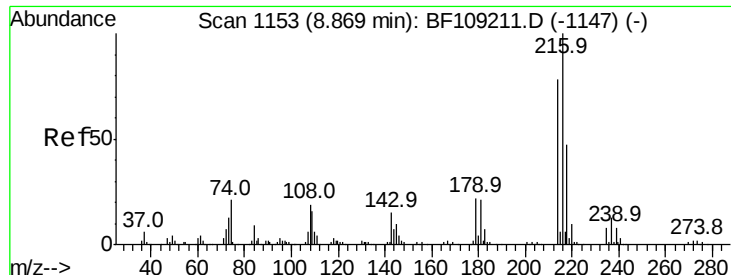
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	46.8	38.3	57.5



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

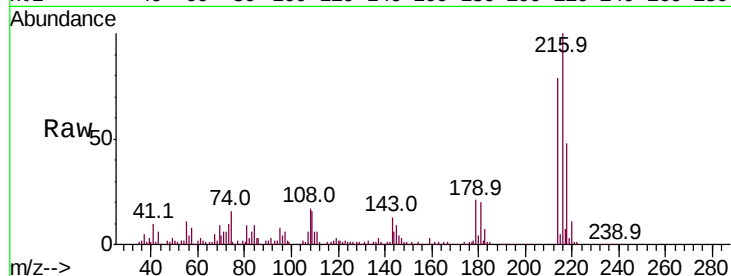




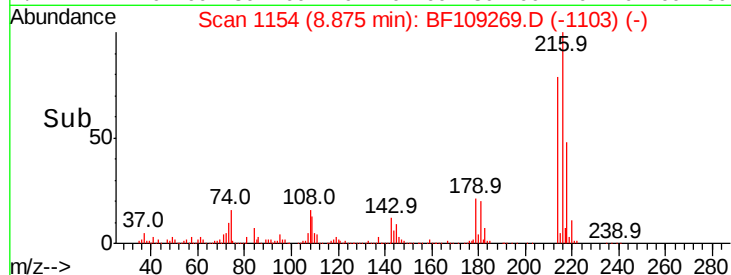
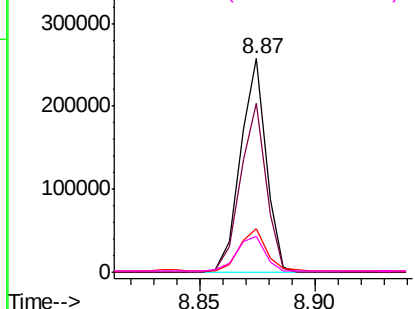
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.951 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:	216	Resp:	199539
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	21.7	18.1	27.1
108	18.2	17.2	25.8

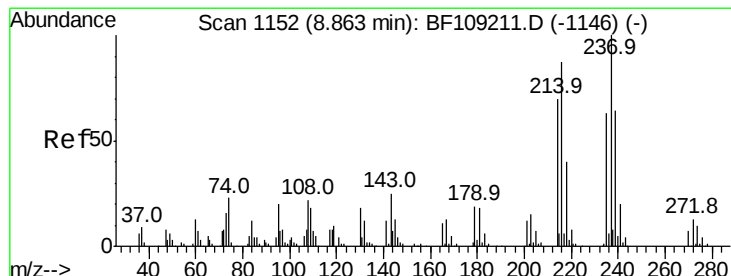


Abundance Ion 216.00 (215.70 to 216.70): E
 400000
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

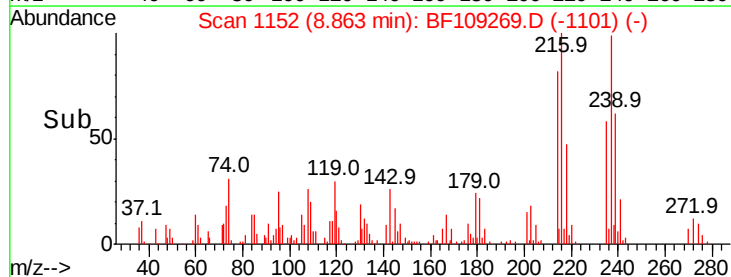
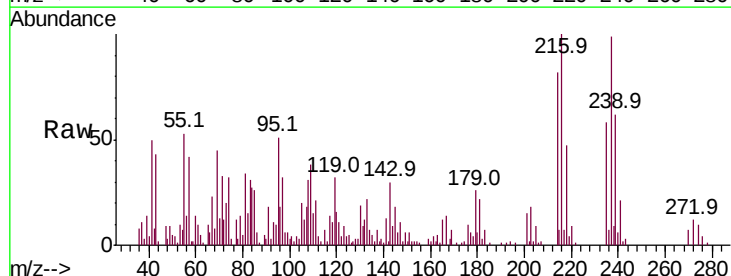
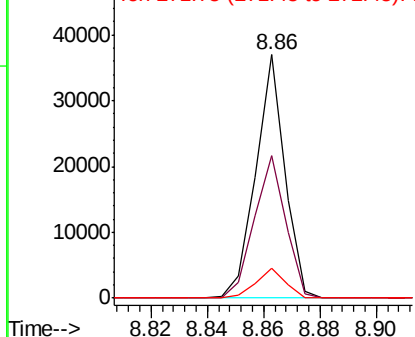


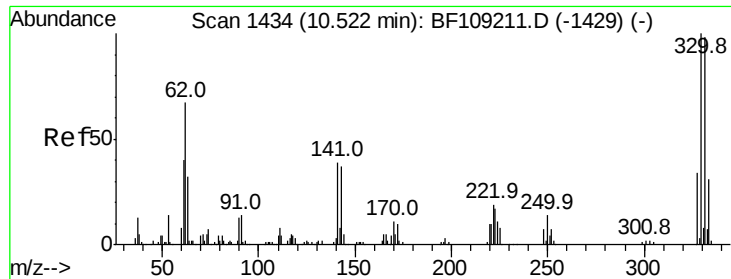
#40
 Hexachlorocyclopentadiene
 Concen: 11.530 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion:	237	Resp:	26441
Ion	Ratio	Lower	Upper
237	100		
235	58.5	44.8	84.8
272	12.5	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 50000
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

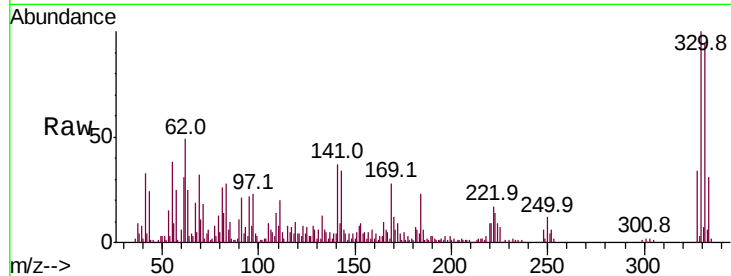




#41
 2,4,6-Tribromophenol
 Concen: 92.739 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	36.5	29.9	44.9

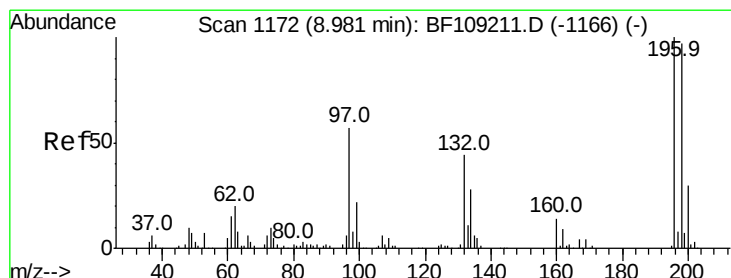
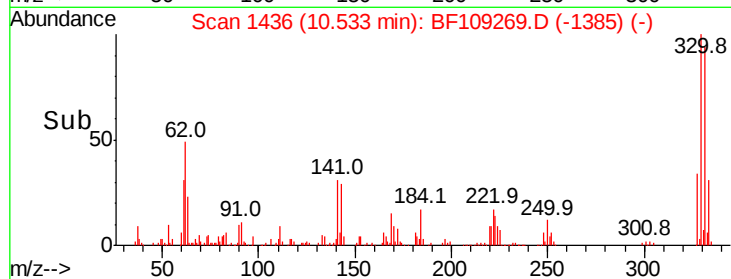
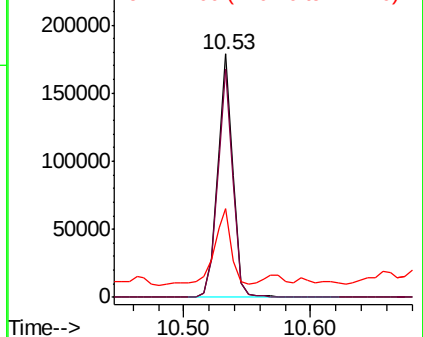


Abundance

Ion 329.80 (329.50 to 330.50): E

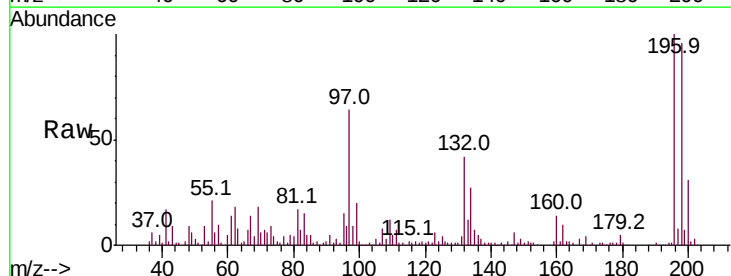
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.574 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.7	113.5
200	31.4	24.5	36.7

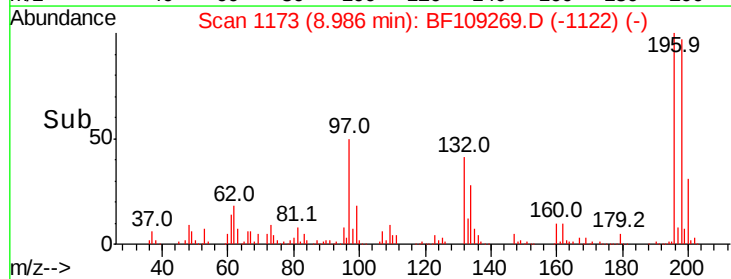
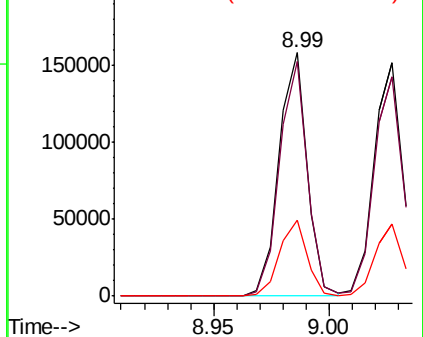


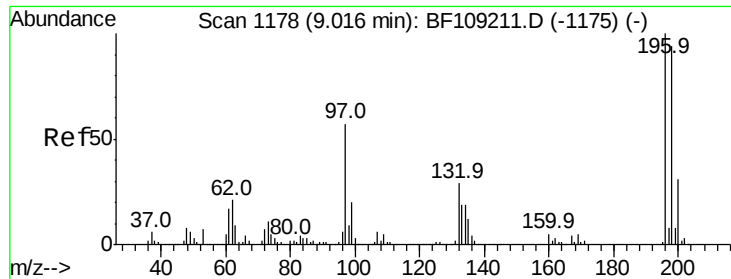
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

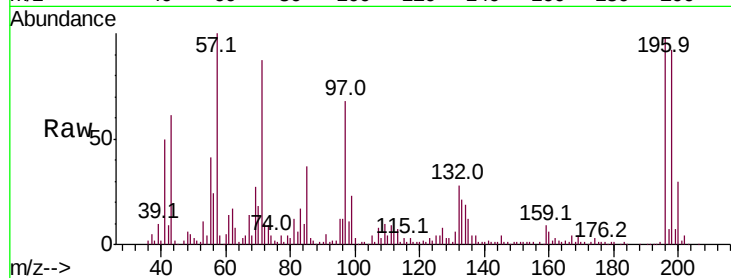




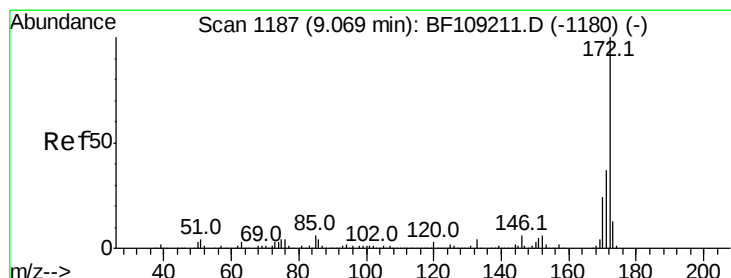
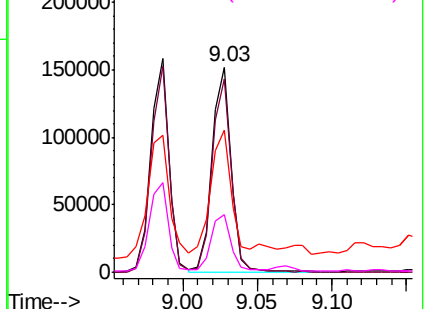
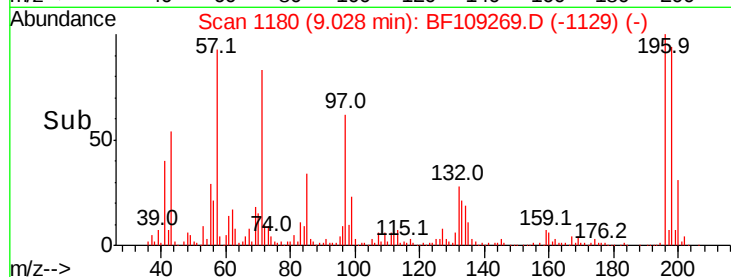
#43
 2,4,5-Trichlorophenol
 Concen: 37.704 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:196 Resp: 134374
 Ion Ratio Lower Upper
 196 100
 198 94.0 74.6 112.0
 97 69.6 42.9 64.3#
 132 28.4 26.3 39.5

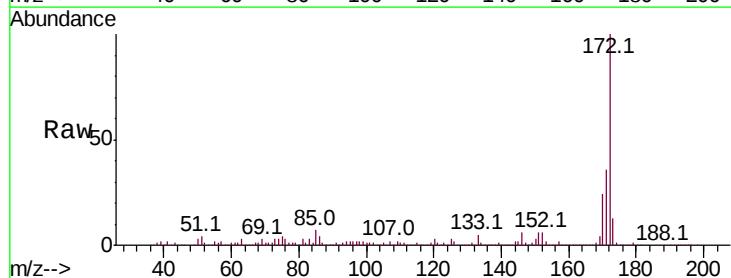


Abundance Ion 196.00 (195.70 to 196.70): E
 250000
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

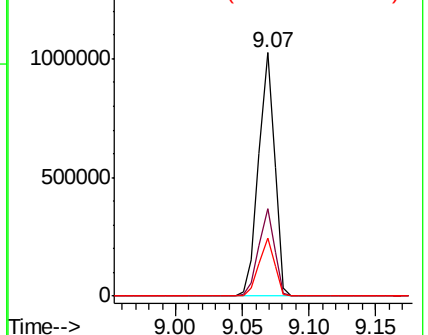
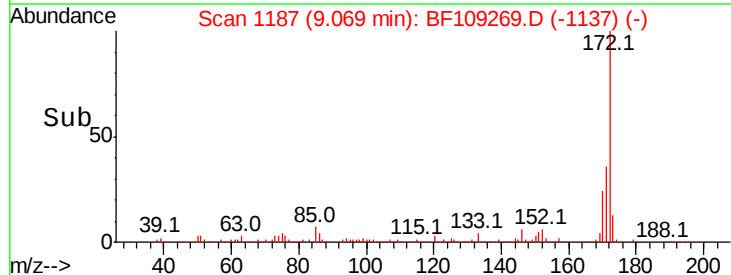


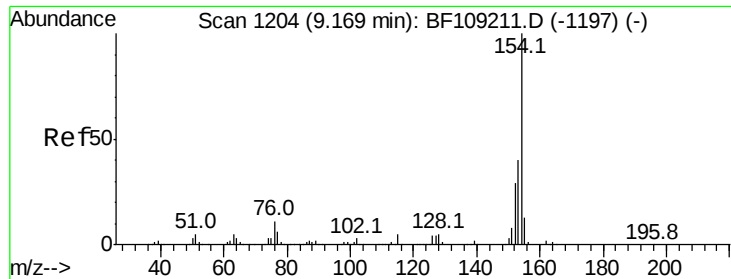
#44
 2-Fluorobiphenyl
 Concen: 76.676 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion:172 Resp: 839909
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.7 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 1000000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.898 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

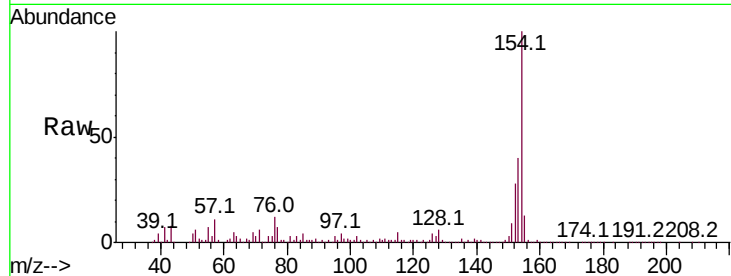
Tot Ion:154 Resp: 496668

Ion Ratio Lower Upper

154 100

153 40.0 21.3 61.3

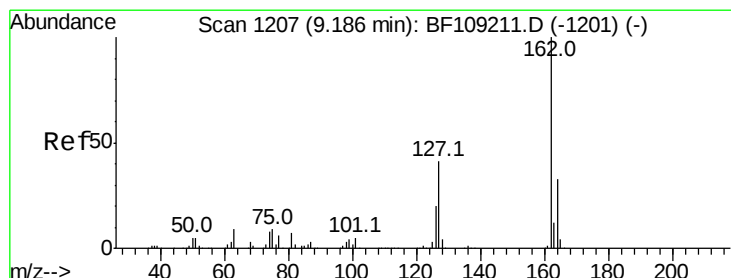
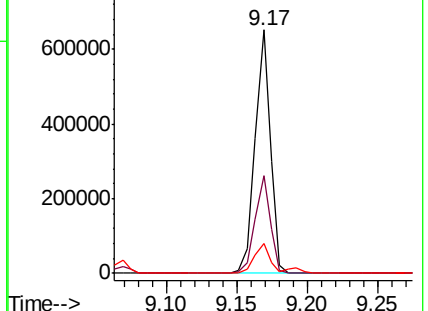
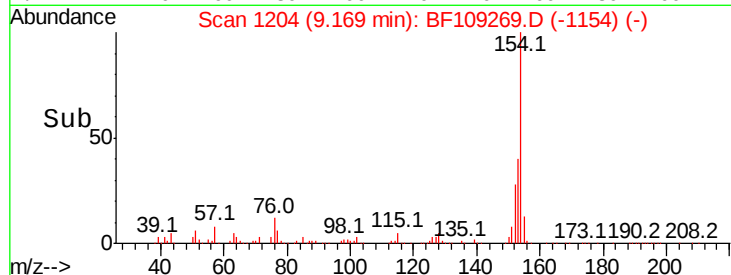
76 12.3 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 35.254 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

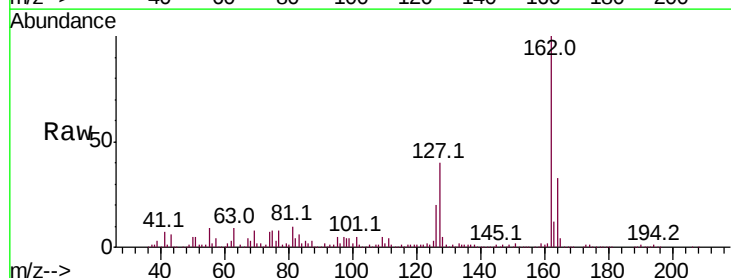
Tgt Ion:162 Resp: 379097

Ion Ratio Lower Upper

162 100

127 40.0 33.9 50.9

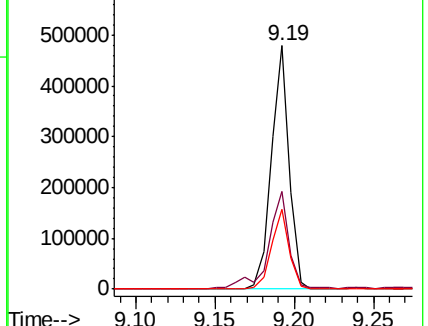
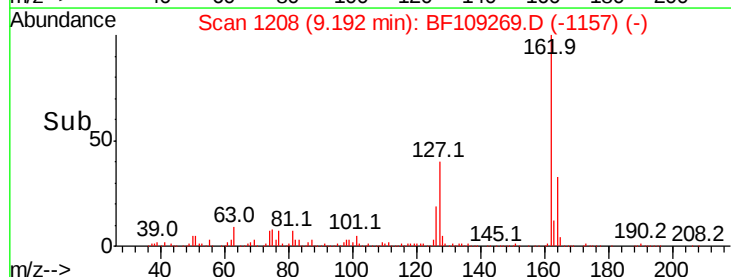
164 32.9 26.5 39.7

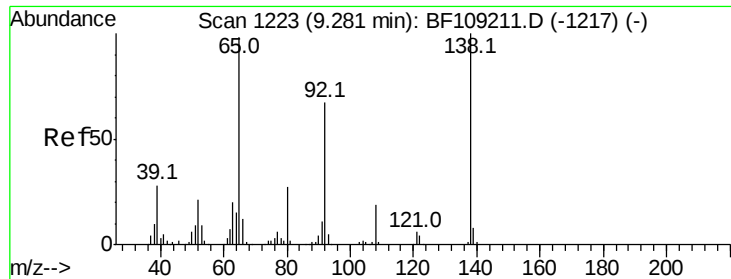


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.722 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

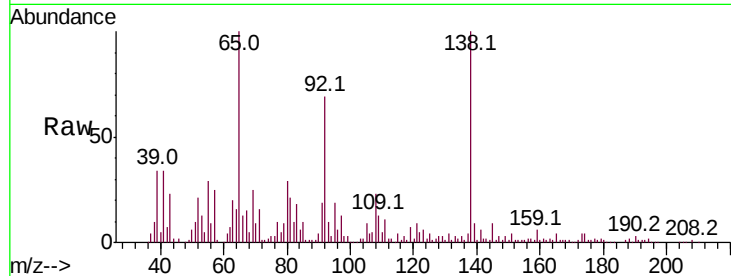
Tot Ion: 65 Resp: 118053

Ion Ratio Lower Upper

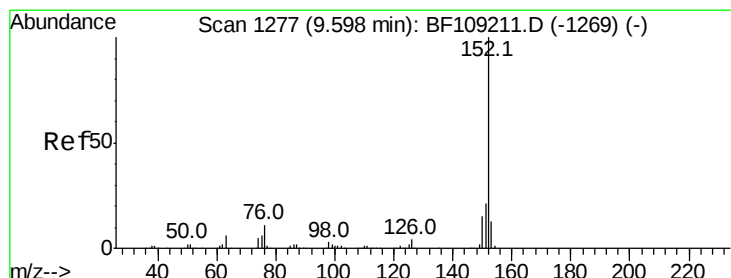
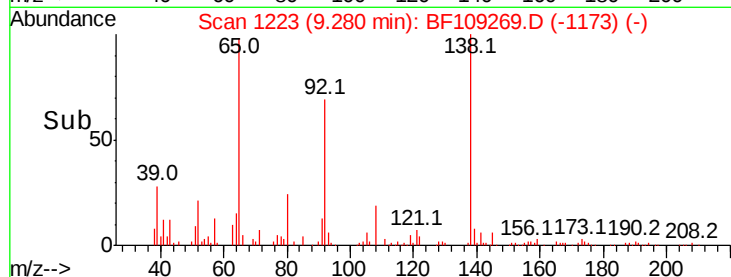
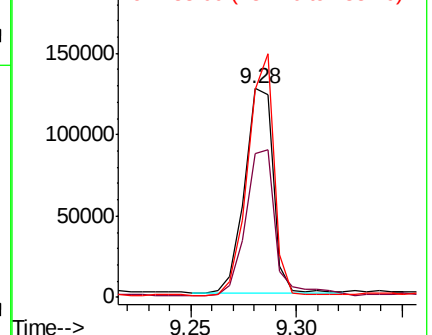
65 100

92 69.0 55.8 83.6

138 99.7 91.2 136.8



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): BF1



#48

Acenaphthylene

Concen: 36.039 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

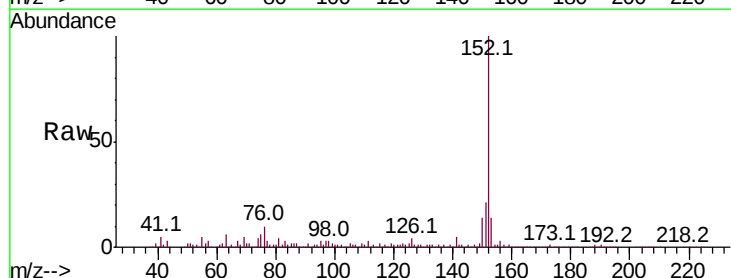
Tgt Ion: 152 Resp: 584635

Ion Ratio Lower Upper

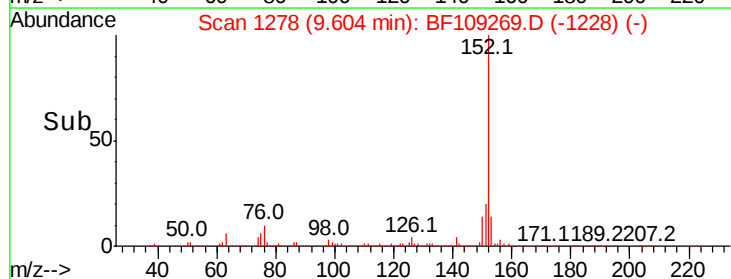
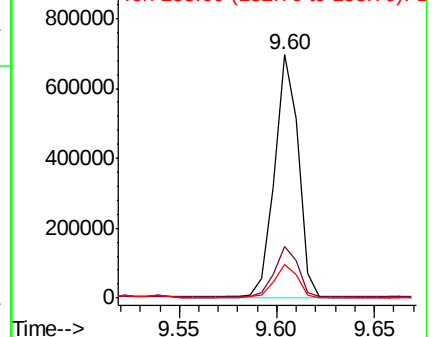
152 100

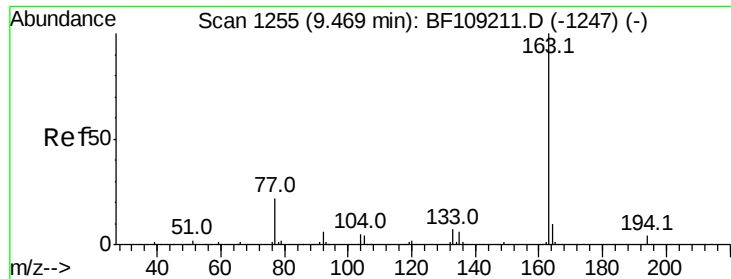
151 20.9 16.3 24.5

153 14.1 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

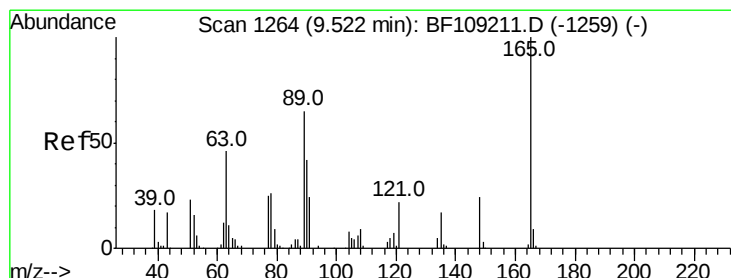
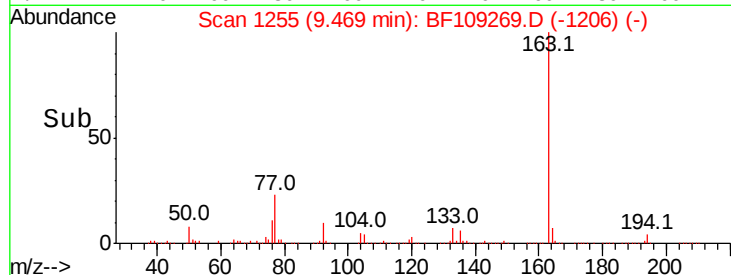
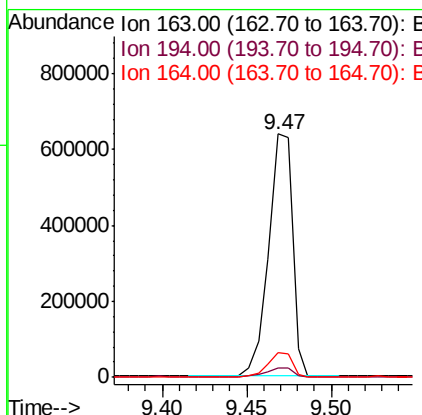
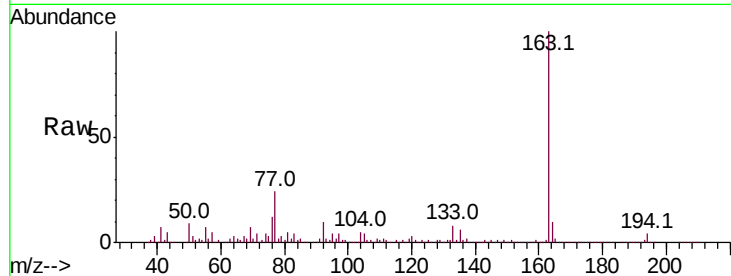




#49
Dimethylphthalate
Concen: 51.992 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

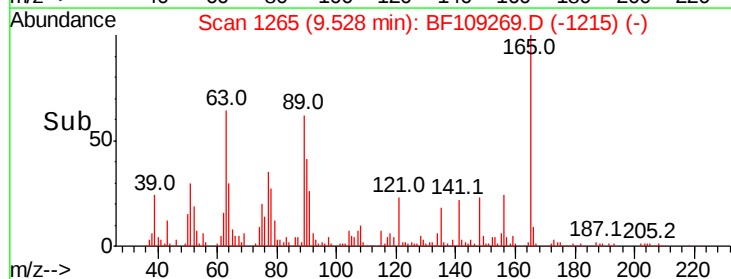
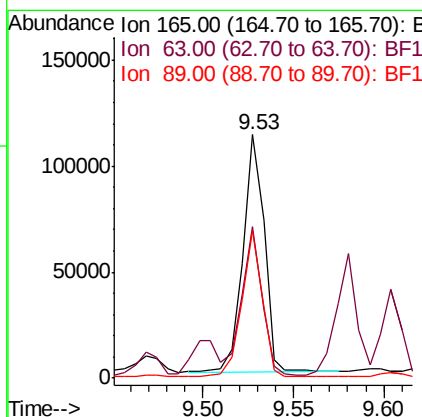
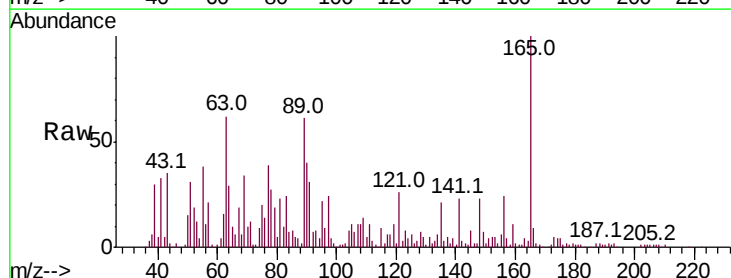
Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

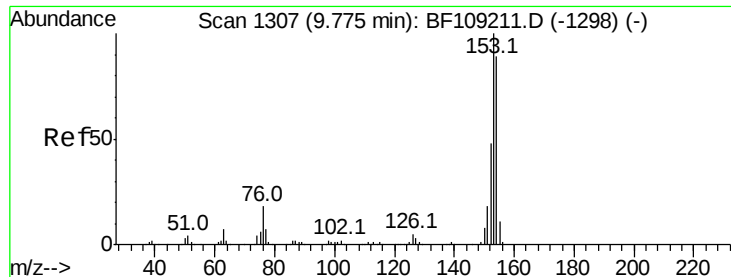
Tot Ion:163 Resp: 624742
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.4 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 38.047 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:165 Resp: 90544
Ion Ratio Lower Upper
165 100
63 62.0 44.7 67.1
89 60.6 44.0 66.0





#51

Acenaphthene

Concen: 33.925 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

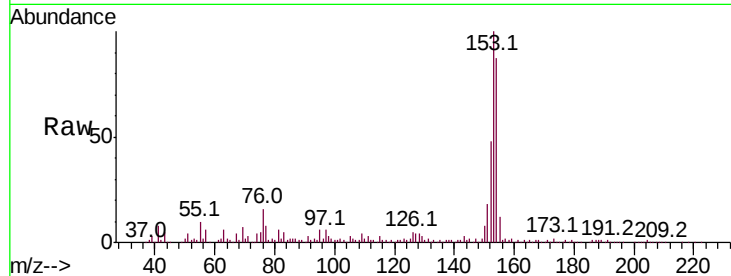
Tot Ion:154 Resp: 332736

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

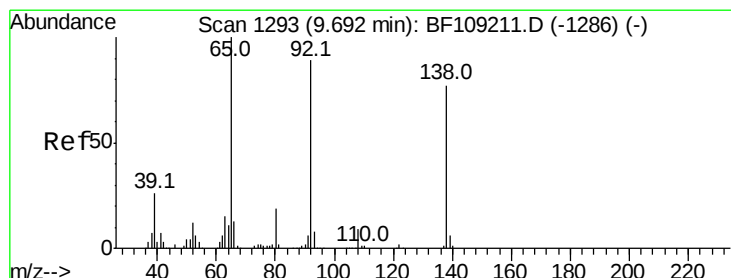
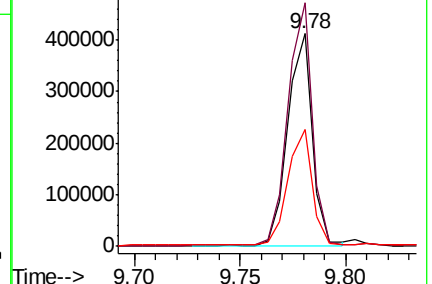
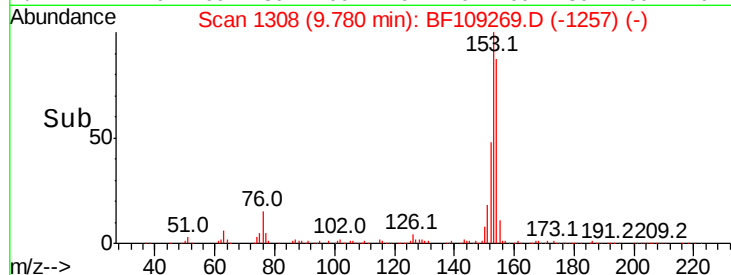
152 55.2 43.8 65.8



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



#52

3-Nitroaniline

Concen: 34.013 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

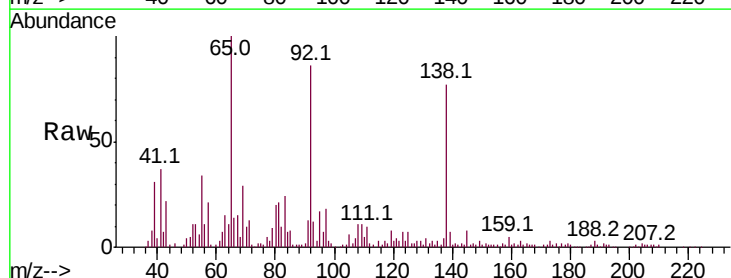
Tgt Ion:138 Resp: 93739

Ion Ratio Lower Upper

138 100

108 13.9 9.4 14.0

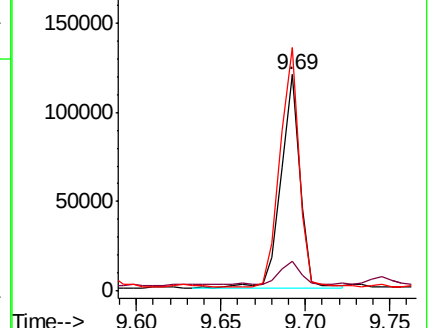
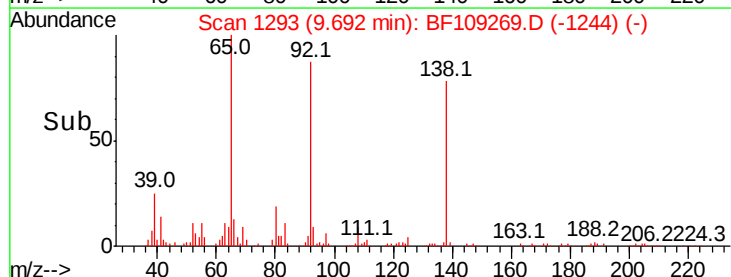
92 112.5 89.4 134.2

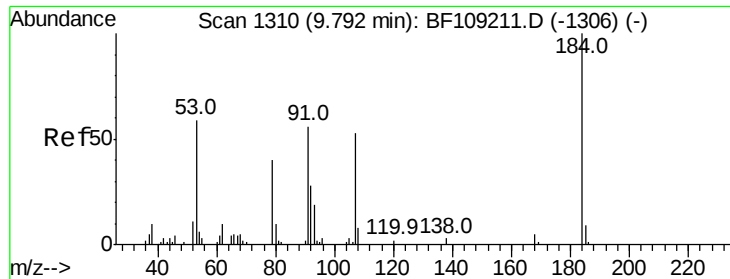


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

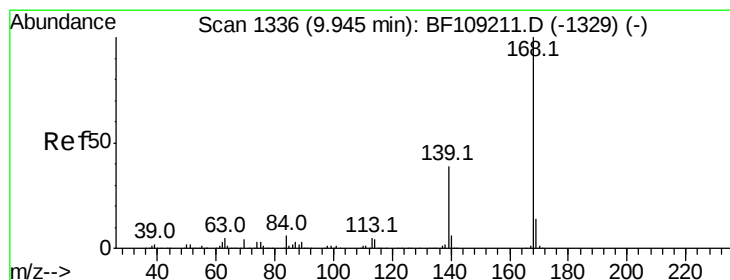
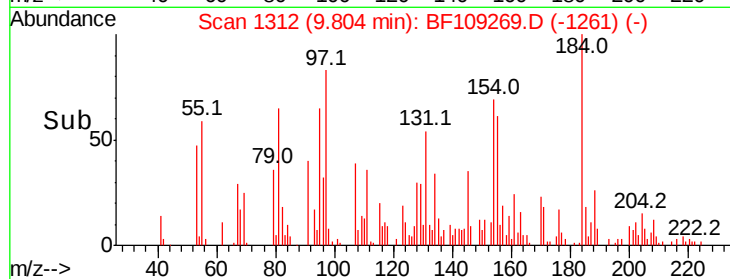
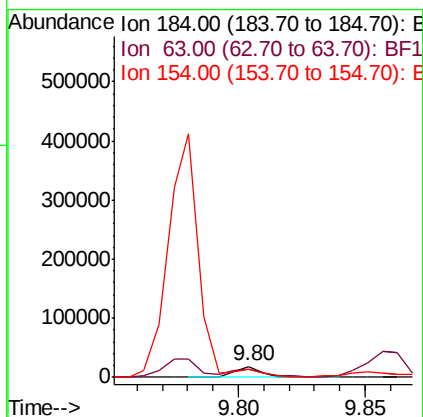
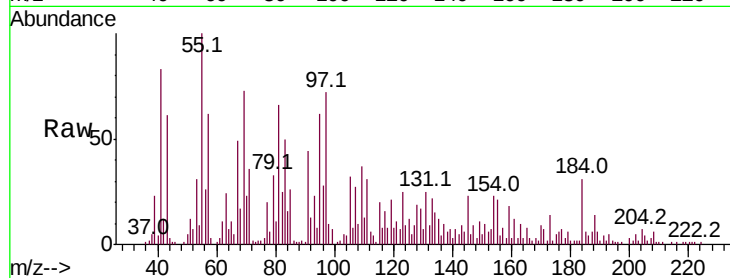




#53
2,4-Dinitrophenol
Concen: 24.105 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

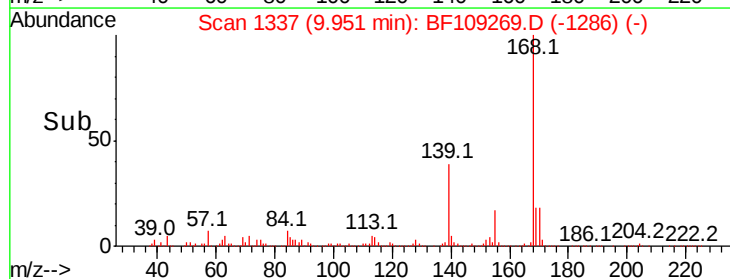
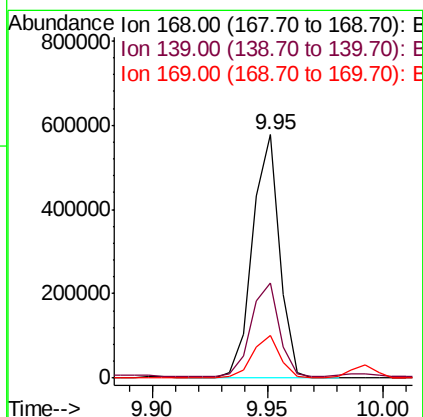
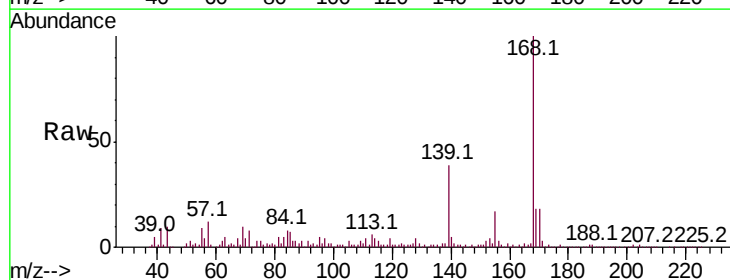
Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

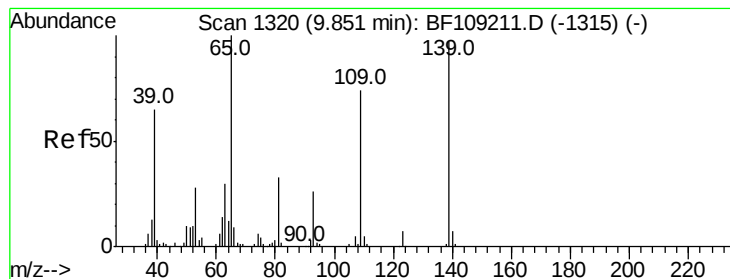
Tot Ion:184 Resp: 14733
Ion Ratio Lower Upper
184 100
63 77.6 54.2 81.2
154 74.7 184.0 276.0#



#54
Dibenzofuran
Concen: 32.289 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:168 Resp: 470968
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 17.6 10.9 16.3#





#55

4-Nitrophenol

Concen: 70.275 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

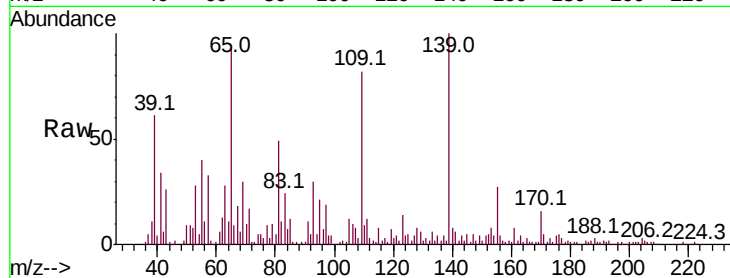
Tot Ion:139 Resp: 145901

Ion Ratio Lower Upper

139 100

109 82.1 48.4 88.4

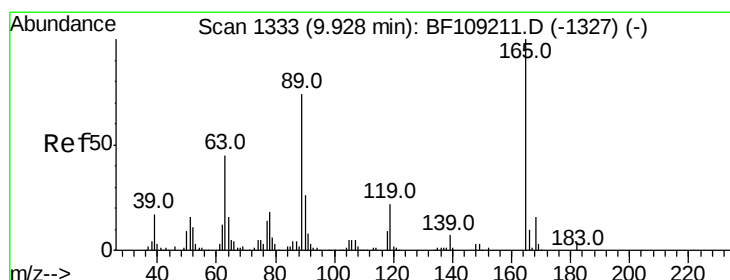
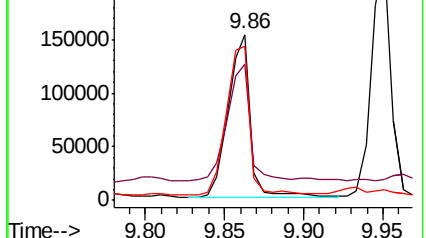
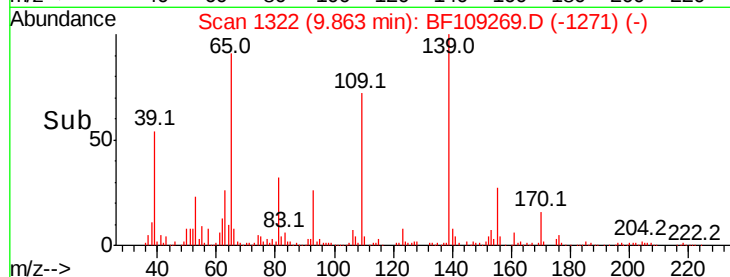
65 92.7 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 35.718 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Tgt Ion:165 Resp: 107552

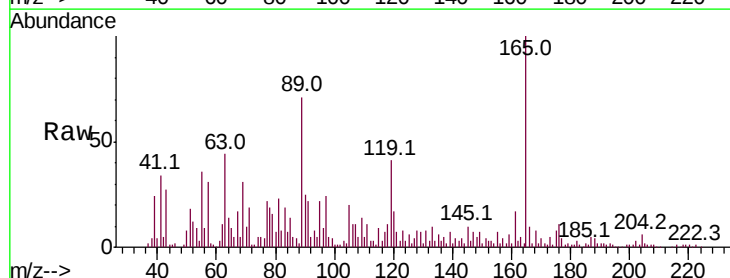
Ion Ratio Lower Upper

165 100

63 44.0 36.4 54.6

89 71.2 57.8 86.6

182 3.3 1.6 2.4#

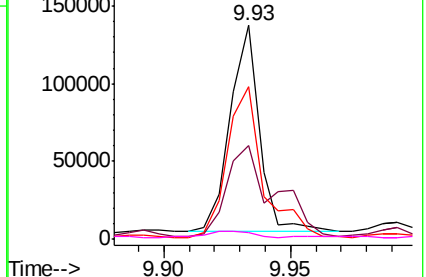
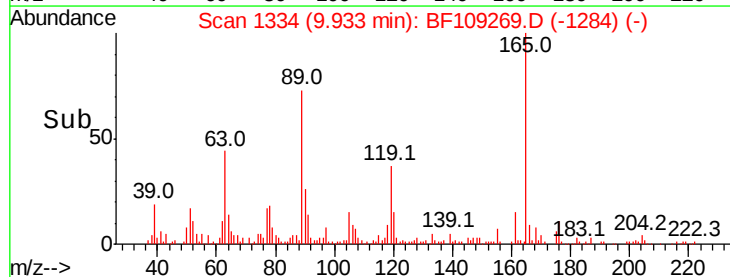


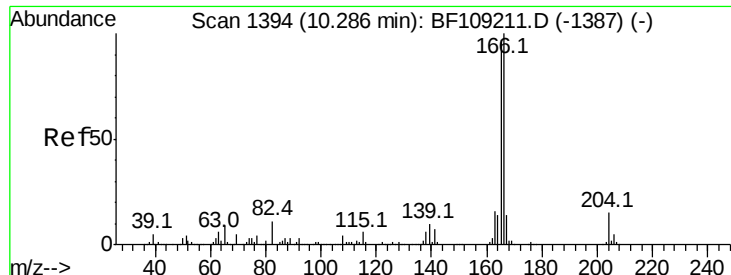
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: 34.388 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

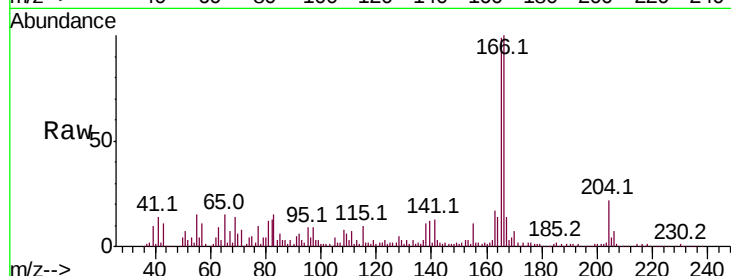
Tot Ion:166 Resp: 357885

Ion Ratio Lower Upper

166 100

165 98.8 79.8 119.8

167 14.3 10.6 16.0

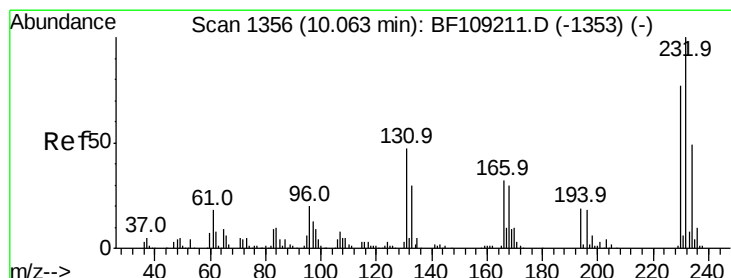
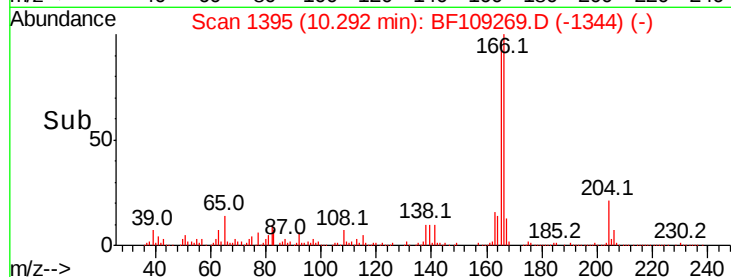
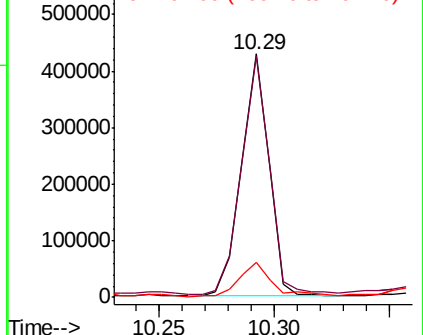


Abundance

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.499 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Tgt Ion:232 Resp: 91708

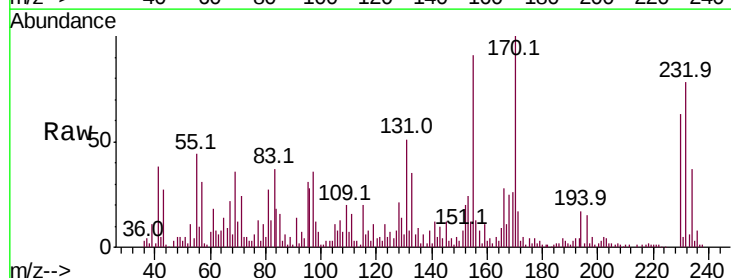
Ion Ratio Lower Upper

232 100

131 54.4 43.8 65.8

130 7.6 2.1 3.1#

166 32.6 27.8 41.6



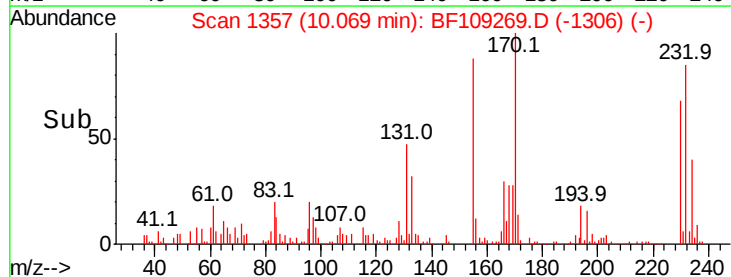
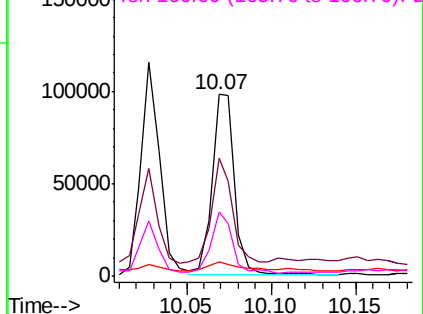
Abundance

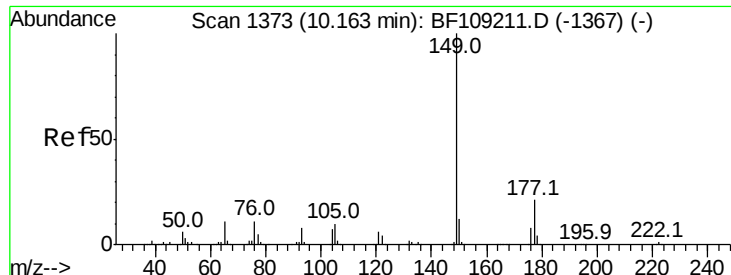
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

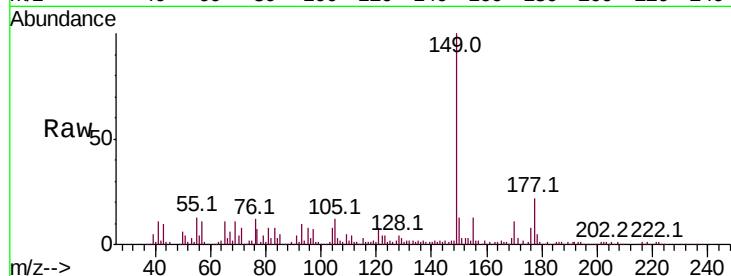




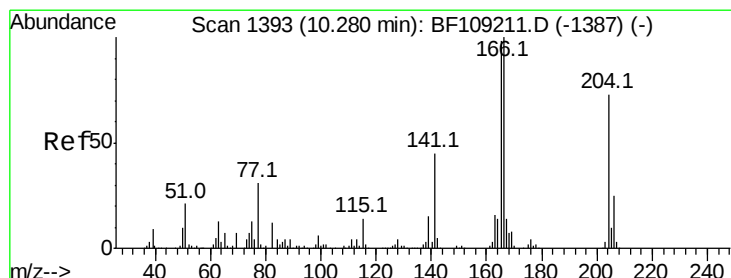
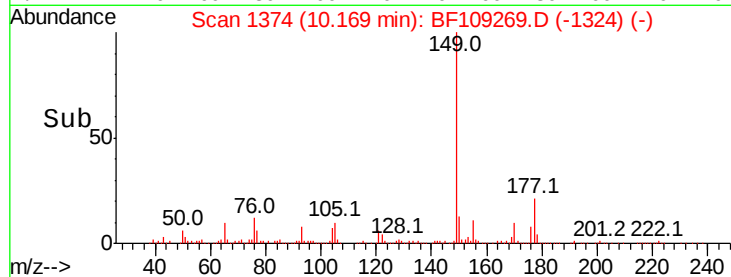
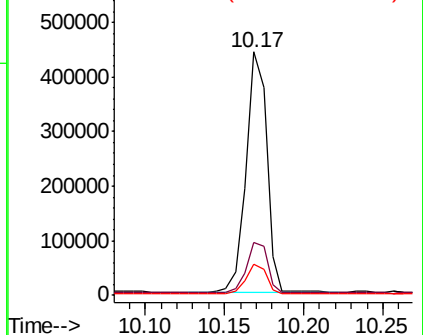
#59
Diethylphthalate
Concen: 32.631 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:149 Resp: 397059
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.9 10.1 15.1

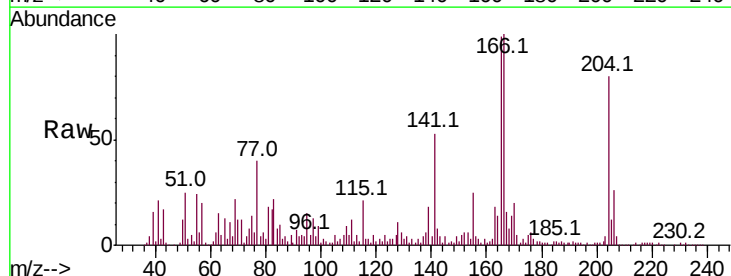


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

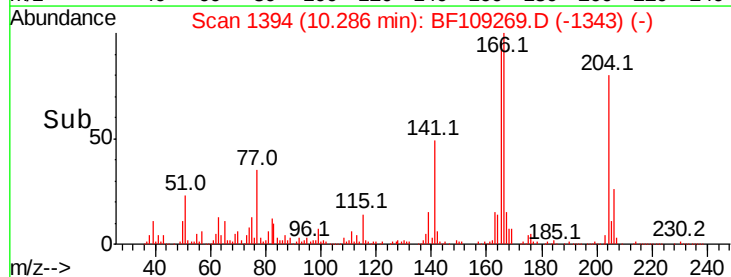
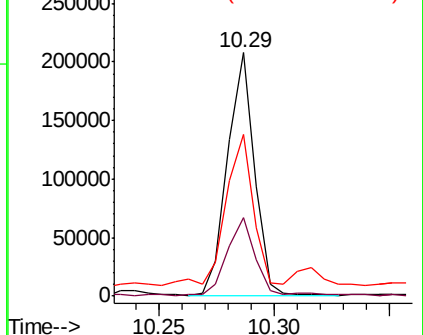


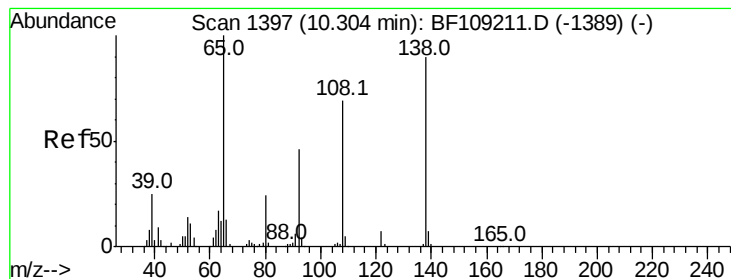
#60
4-Chlorophenyl-phenylether
Concen: 30.819 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:204 Resp: 167527
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 66.2 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.829 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.02 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

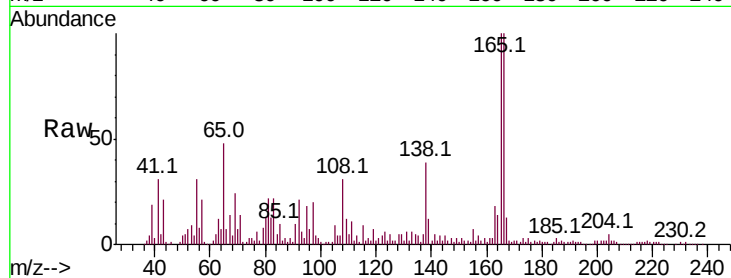
Tot Ion:138 Resp: 85548

Ion Ratio Lower Upper

138 100

92 54.7 30.2 70.2

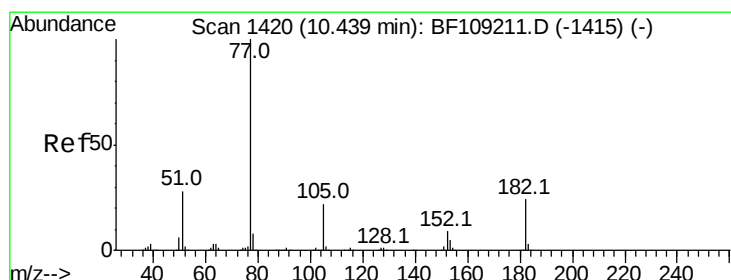
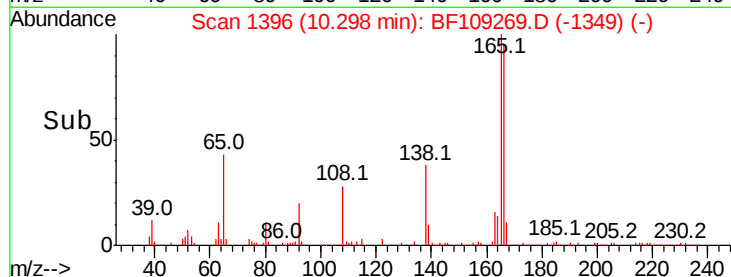
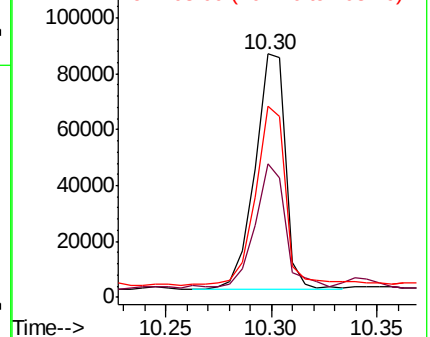
108 78.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 29.715 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Tgt Ion: 77 Resp: 375663

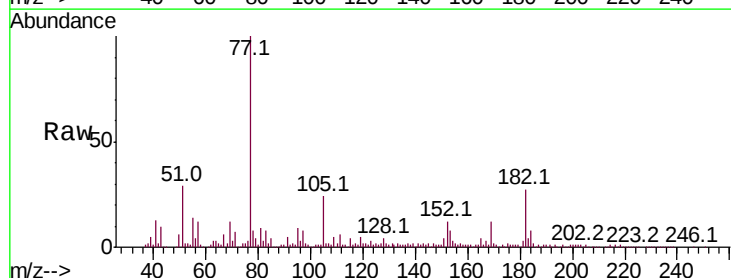
Ion Ratio Lower Upper

77 100

182 26.7 1.7 41.7

105 24.1 3.0 43.0

51 28.7 9.9 49.9

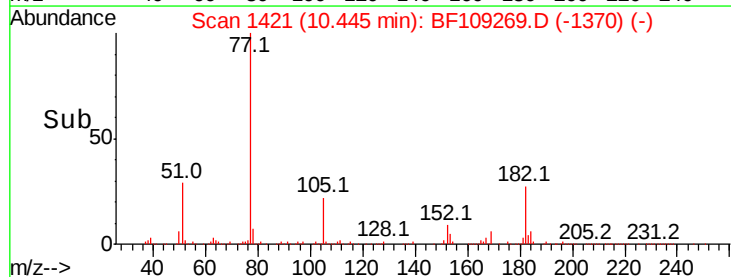
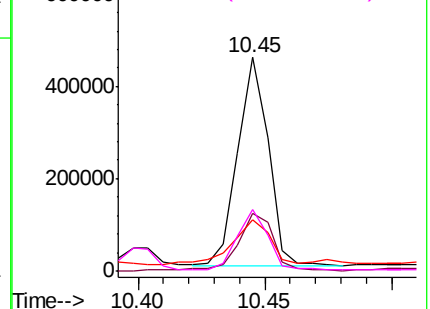


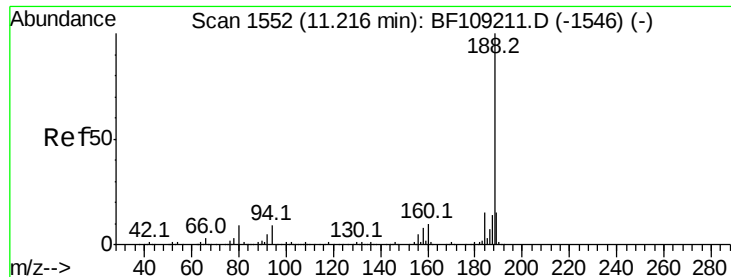
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

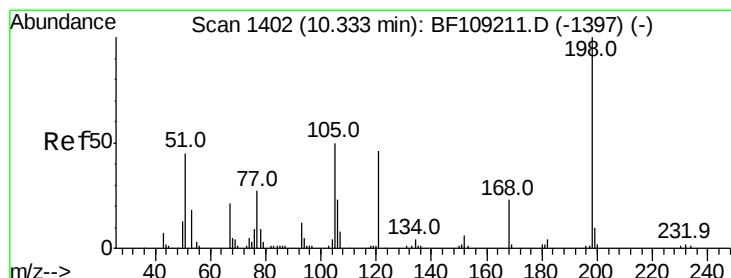
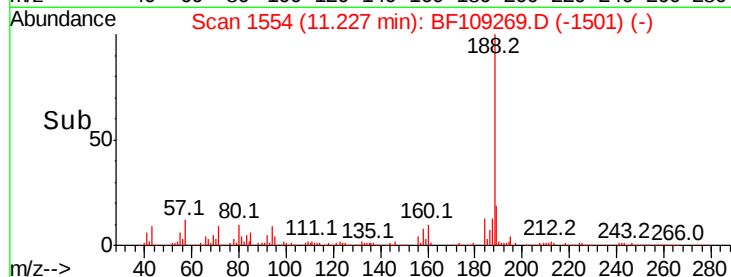
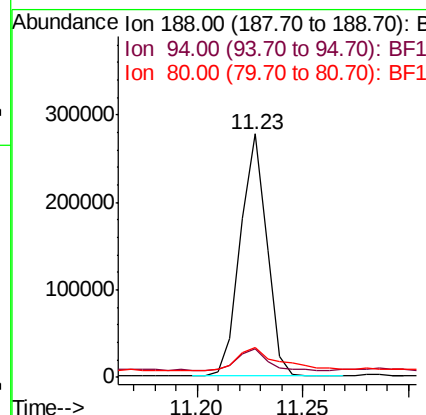
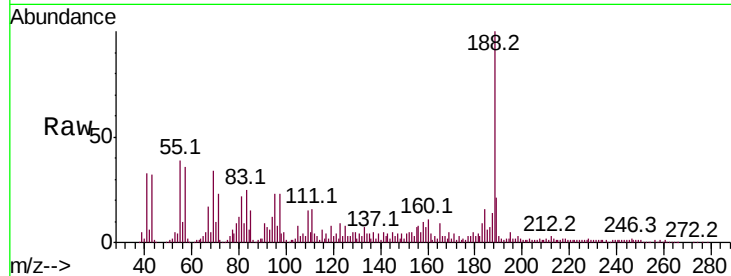




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

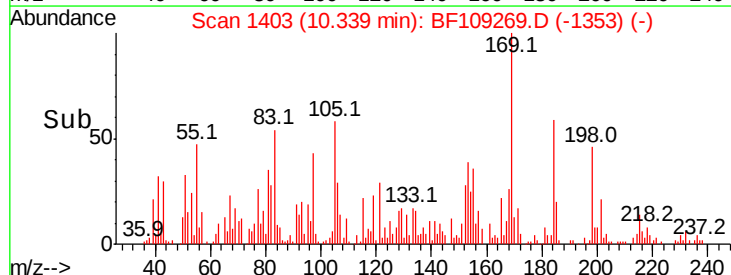
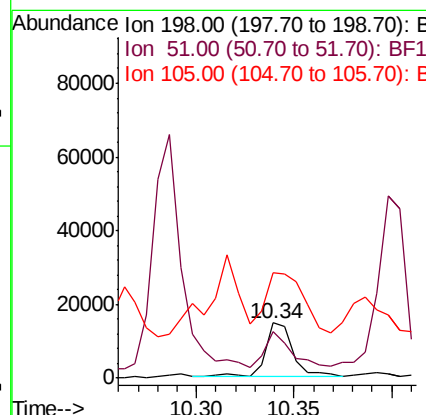
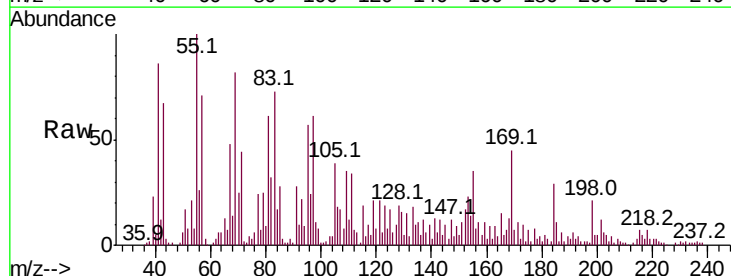
Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

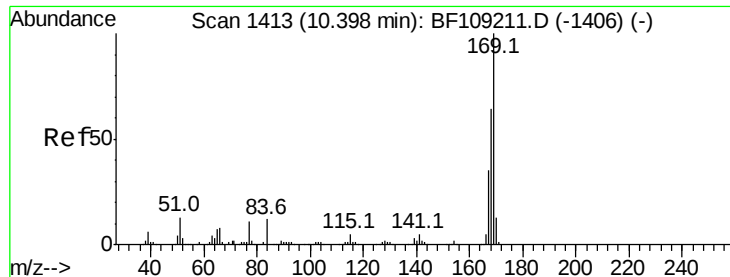
Tot Ion:188 Resp: 236421
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 19.542 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:198 Resp: 14259
Ion Ratio Lower Upper
198 100
51 83.3 37.7 77.7#
105 190.8 36.3 76.3#

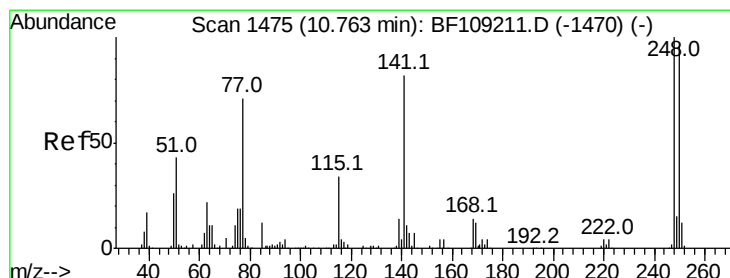
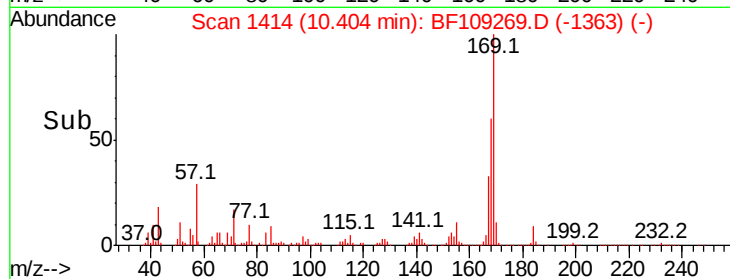
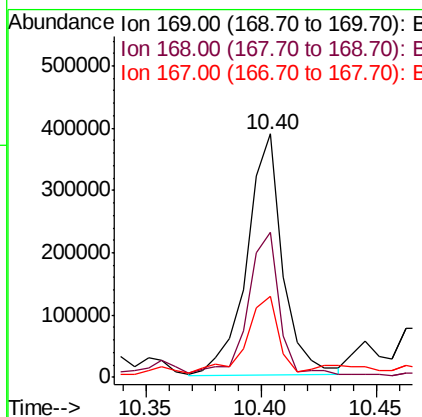
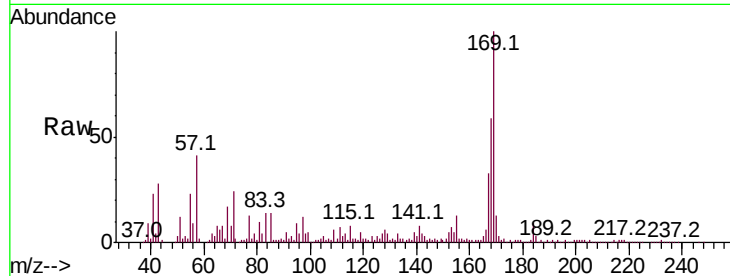




#65
n-Nitrosodiphenylamine
Concen: 53.901 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

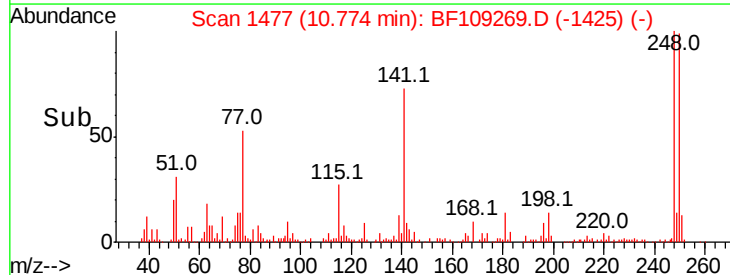
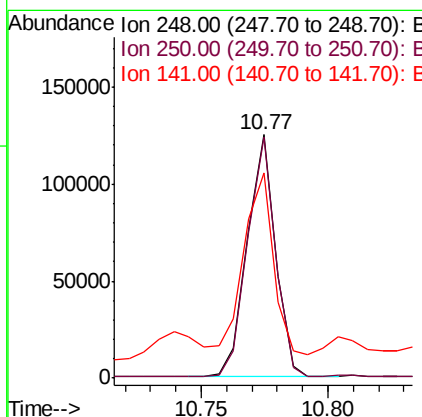
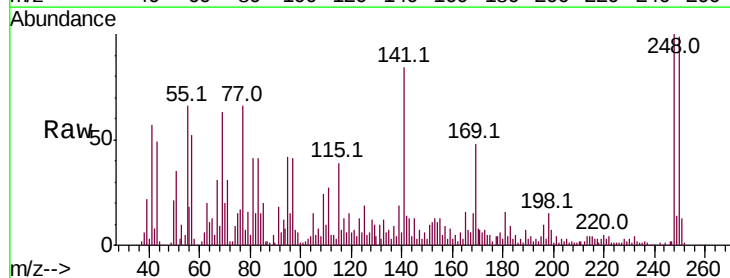
Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

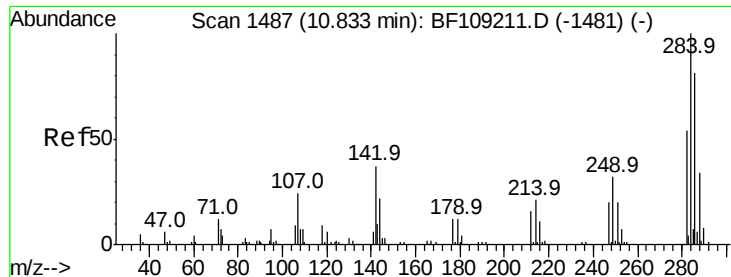
Tot Ion:169 Resp: 421032
Ion Ratio Lower Upper
169 100
168 59.4 54.4 81.6
167 33.4 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 36.953 ng
RT: 10.77 min Scan# 1477
Delta R.T. 0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:248 Resp: 97015
Ion Ratio Lower Upper
248 100
250 99.3 76.9 115.3
141 84.3 74.4 111.6

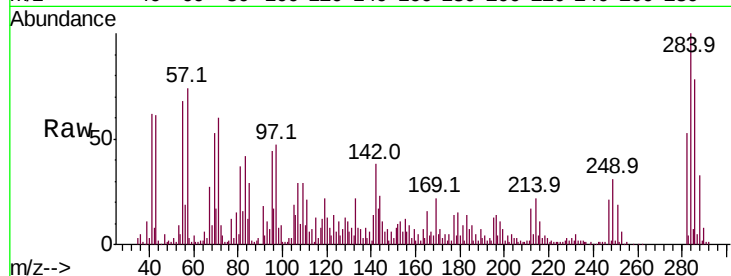




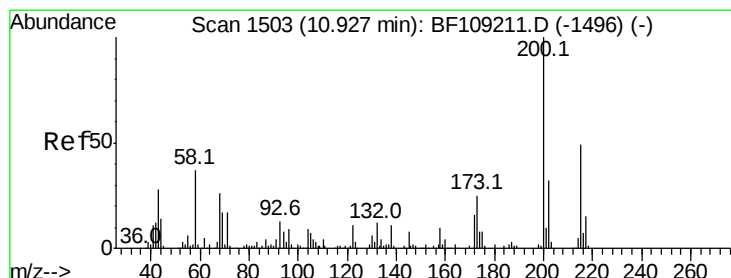
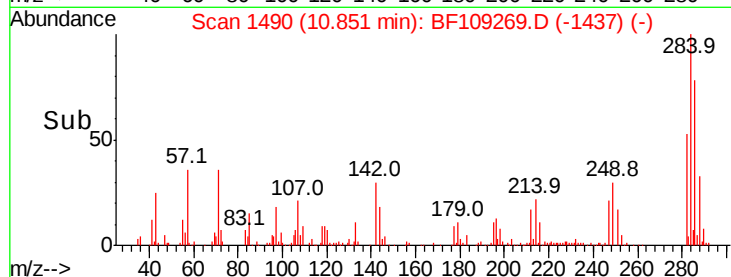
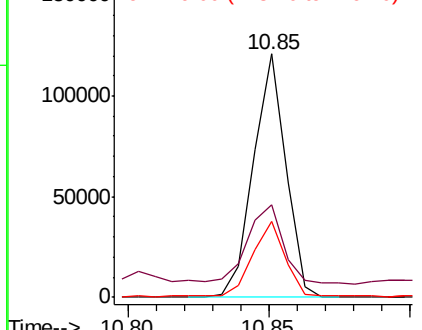
#67
Hexachlorobenzene
Concen: 34.530 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.01 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:284 Resp: 96280
Ion Ratio Lower Upper
284 100
142 38.3 34.6 52.0
249 31.1 24.8 37.2

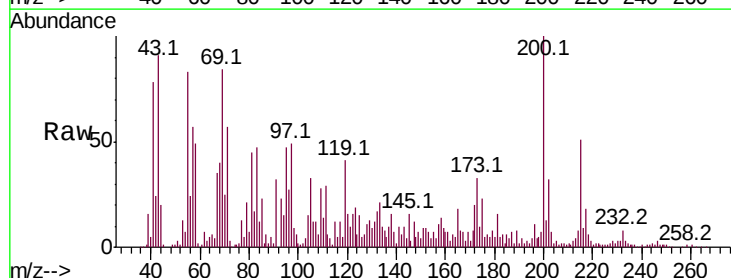


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

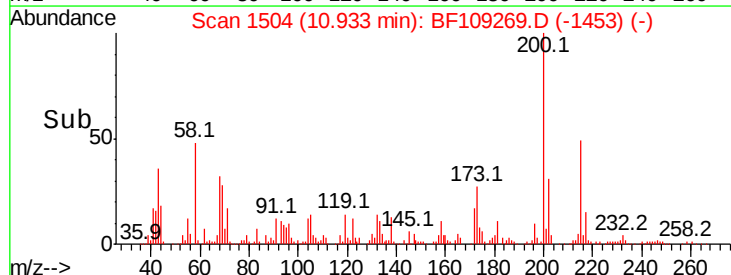
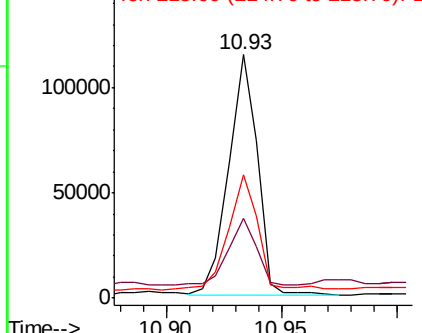


#68
Atrazine
Concen: 41.273 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:200 Resp: 99152
Ion Ratio Lower Upper
200 100
173 32.9 8.6 48.6
215 50.7 25.1 65.1



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

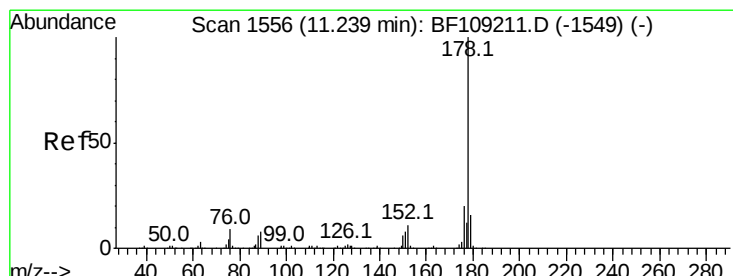
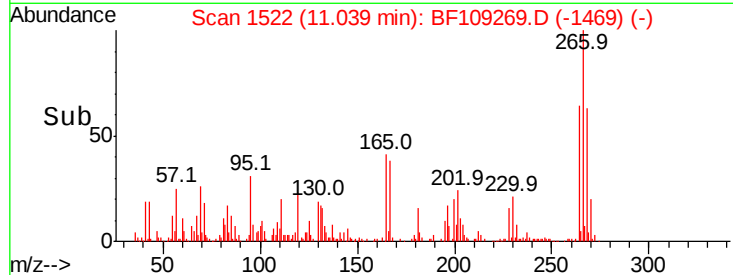
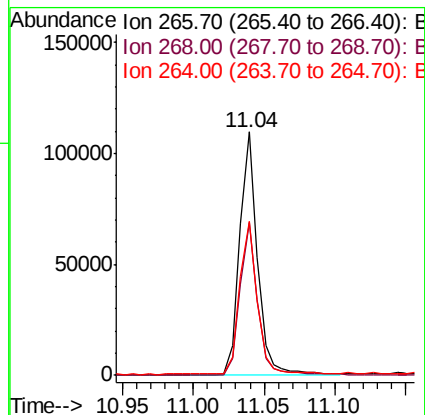
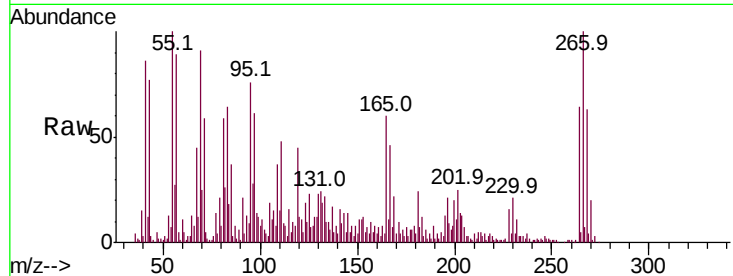




#69
 Pentachlorophenol
 Concen: 58.511 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

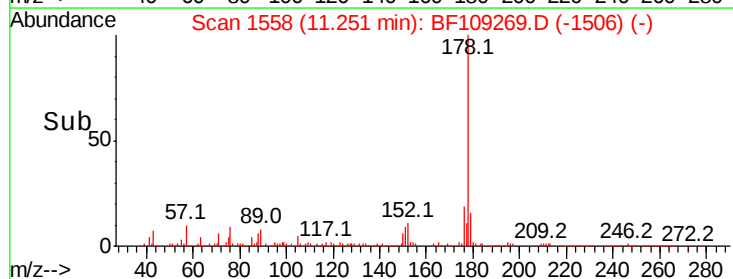
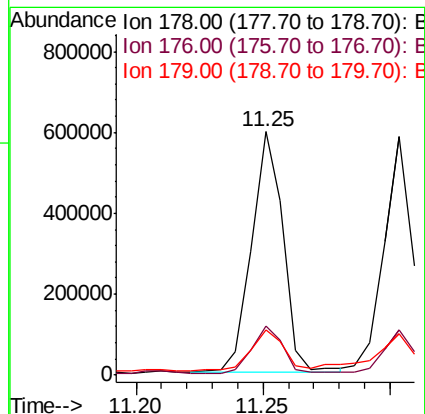
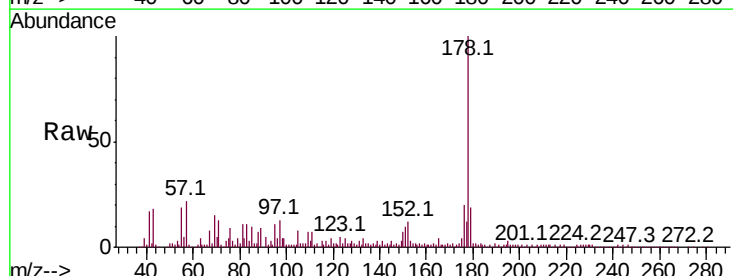
Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

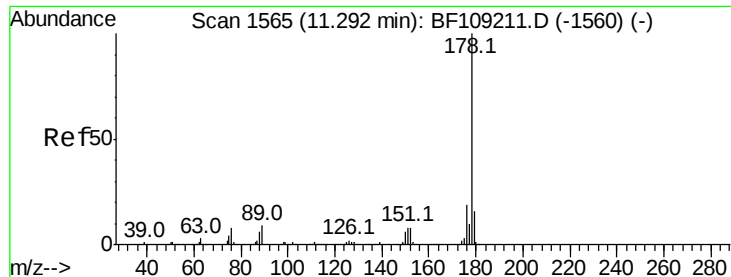
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	63.5	49.5	74.3



#70
 Phenanthrene
 Concen: 43.285 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	18.6	13.0	19.6

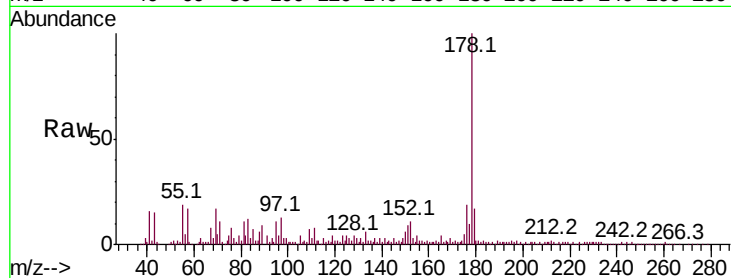




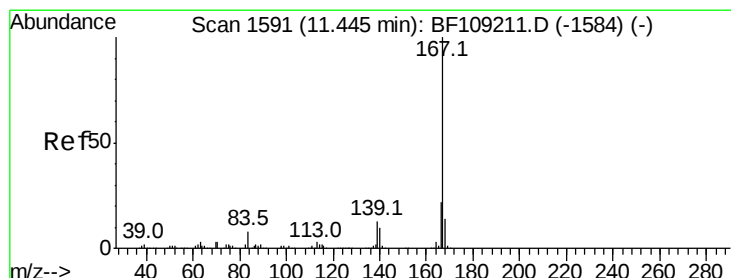
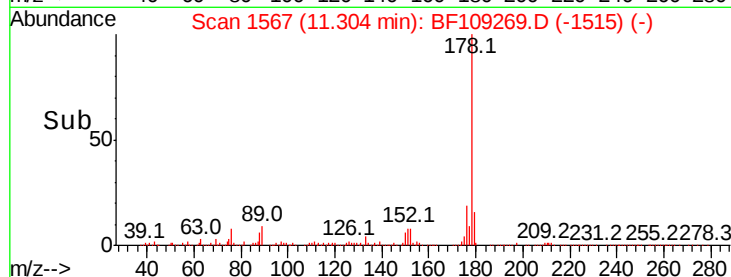
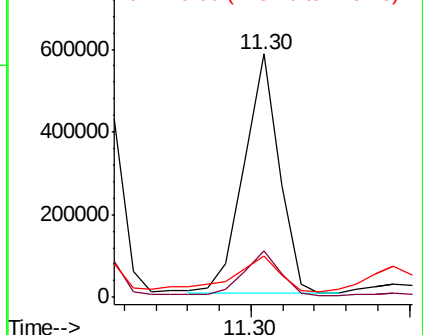
#71
 Anthracene
 Concen: 37.389 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:178 Resp: 447651
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 17.2 12.6 19.0

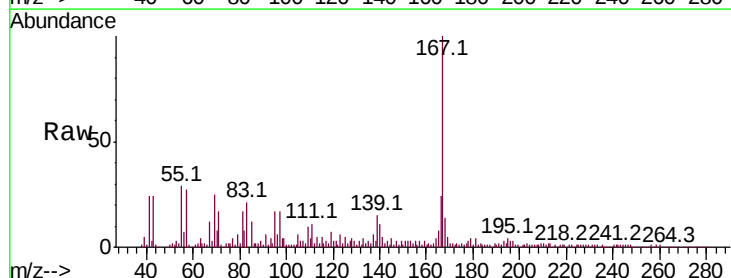


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

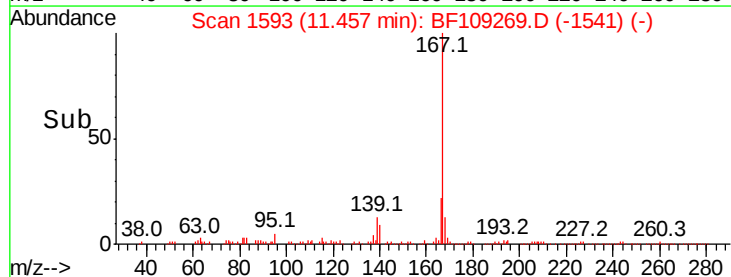
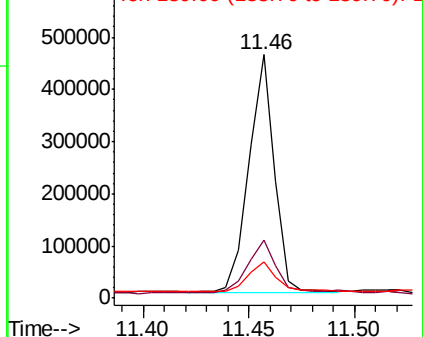


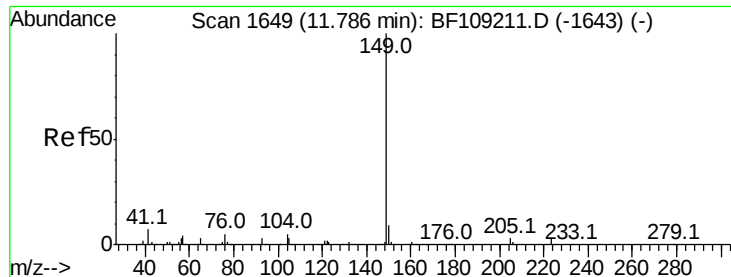
#72
 Carbazole
 Concen: 32.136 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion:167 Resp: 382812
 Ion Ratio Lower Upper
 167 100
 166 23.7 17.6 26.4
 139 15.0 10.9 16.3



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





#73

Di-n-butylphthalate

Concen: 31.108 ng

RT: 11.80 min Scan# 1651

Delta R.T. 0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

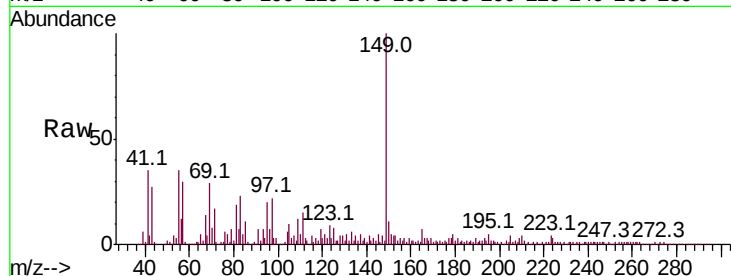
Tot Ion:149 Resp: 426607

Ion Ratio Lower Upper

149 100

150 10.6 7.8 11.6

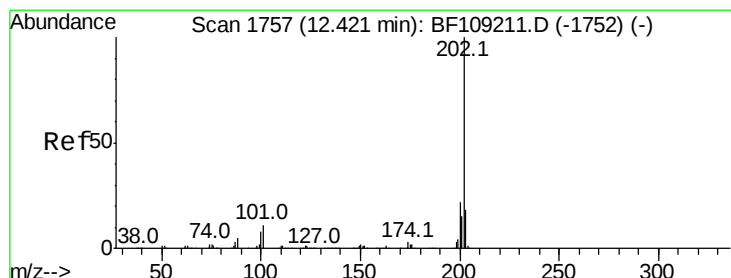
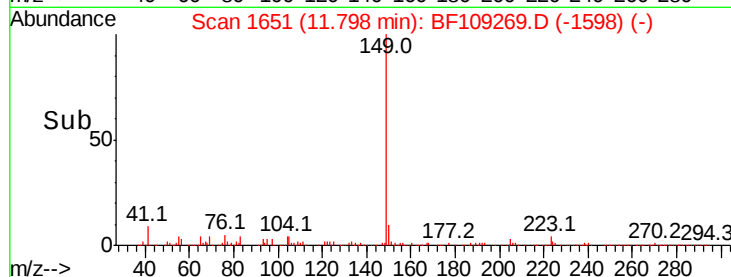
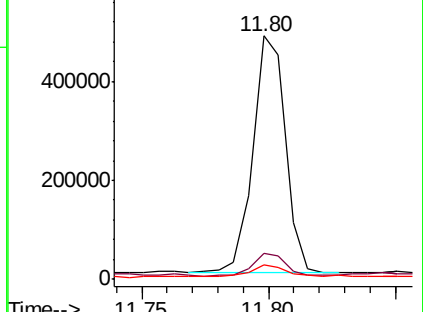
104 5.9 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 30.025 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.02 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

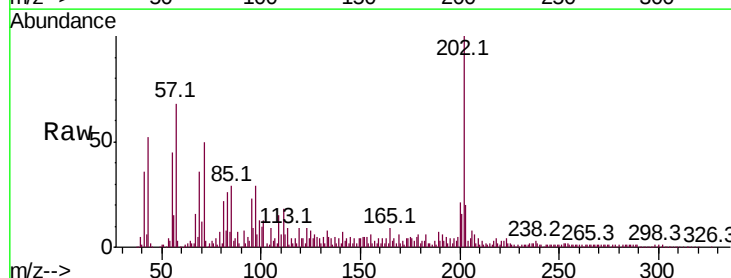
Tgt Ion:202 Resp: 378773

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

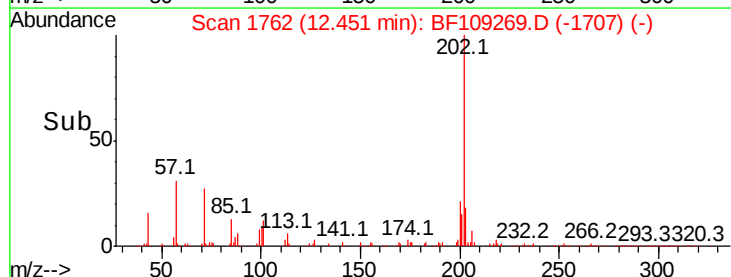
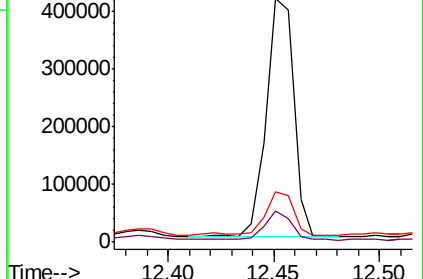
203 20.5 0.0 38.1

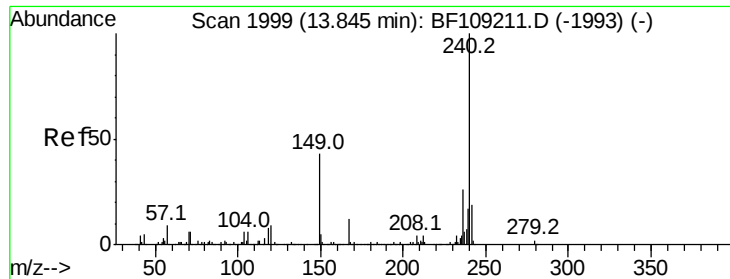


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.02 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

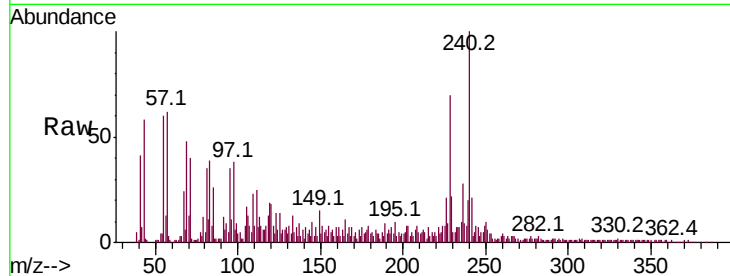
Tot Ion:240 Resp: 186002

Ion Ratio Lower Upper

240 100

120 18.2 9.5 14.3#

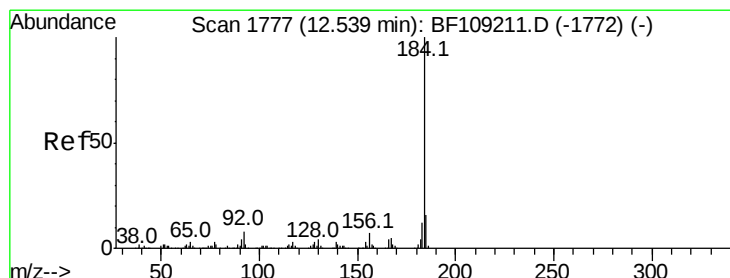
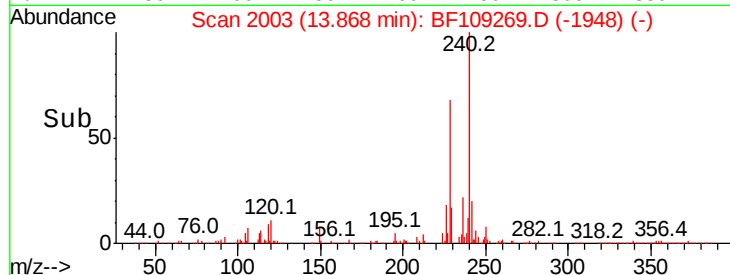
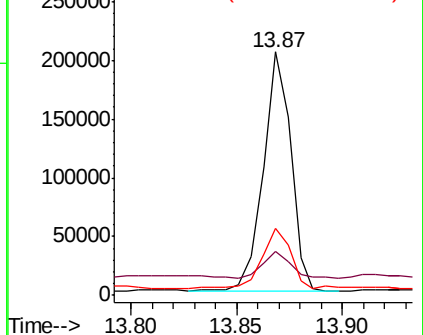
236 27.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.278 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.02 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

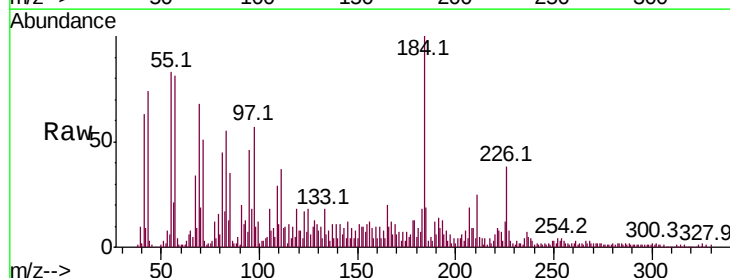
Tgt Ion:184 Resp: 196347

Ion Ratio Lower Upper

184 100

185 19.0 12.6 18.8#

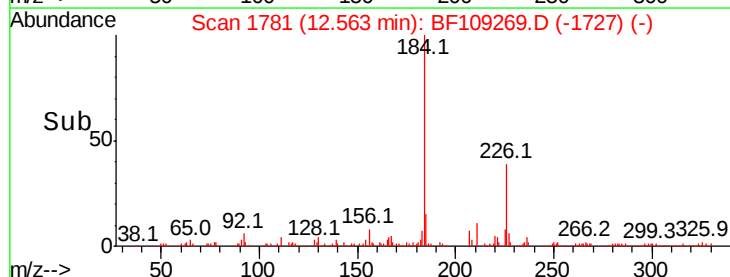
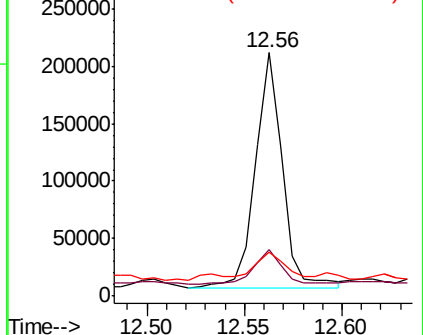
183 18.1 9.3 13.9#

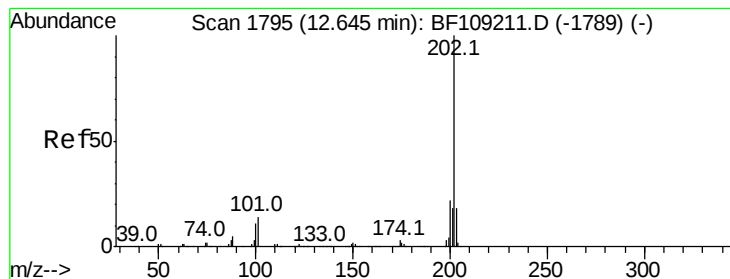


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 33.803 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.02 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

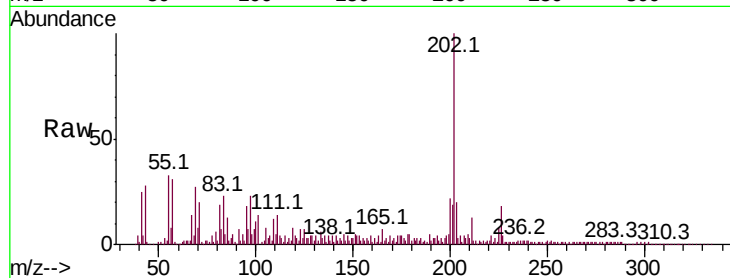
Tot Ion:202 Resp: 450605

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

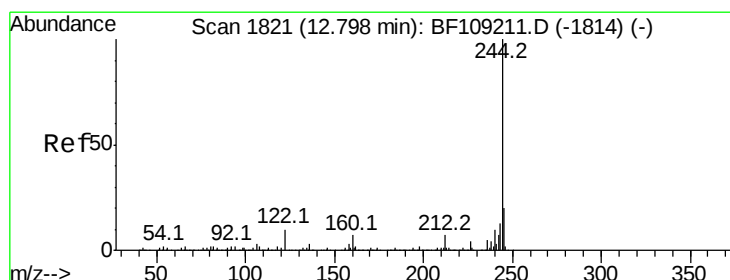
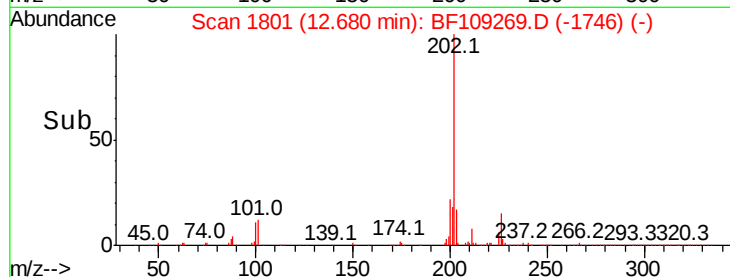
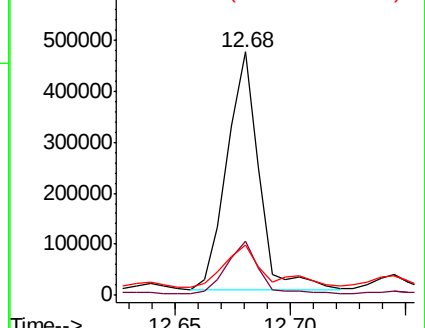
203 20.5 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 66.370 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.02 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

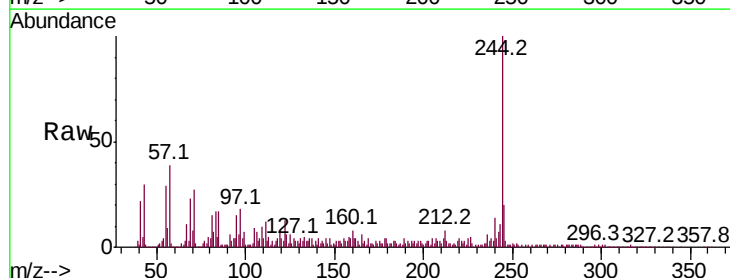
Tgt Ion:244 Resp: 503017

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

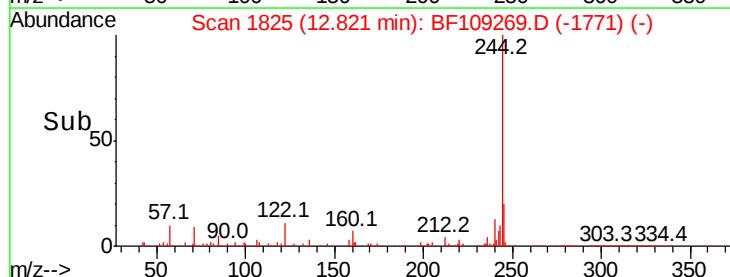
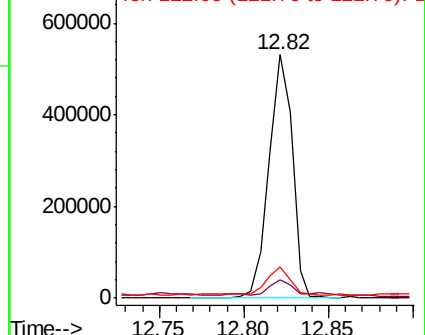
122 12.9 11.0 16.4

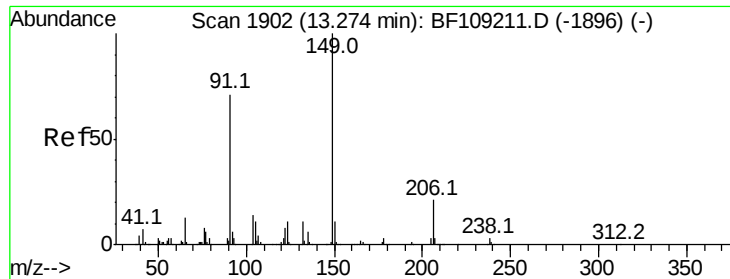


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

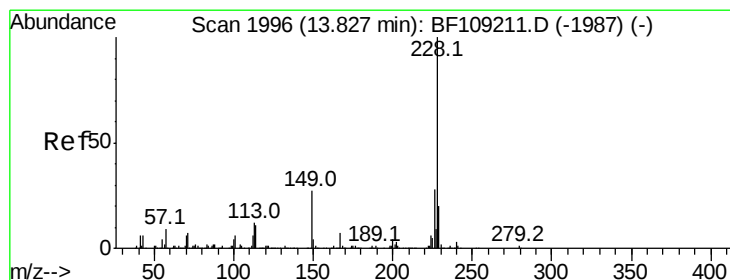
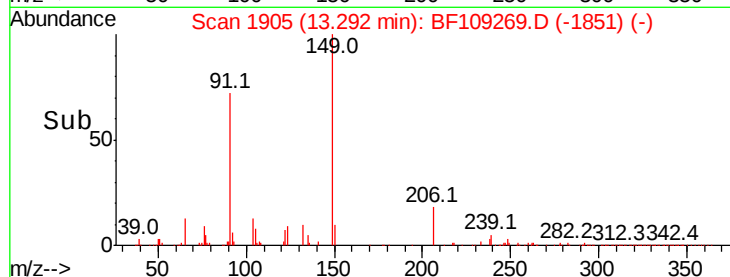
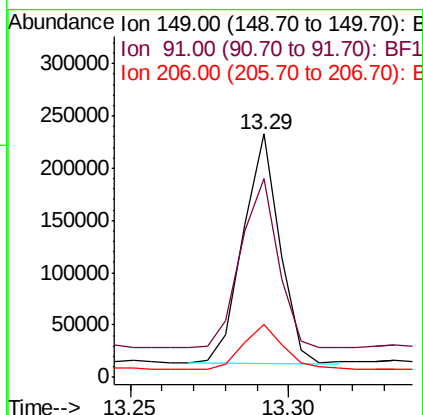
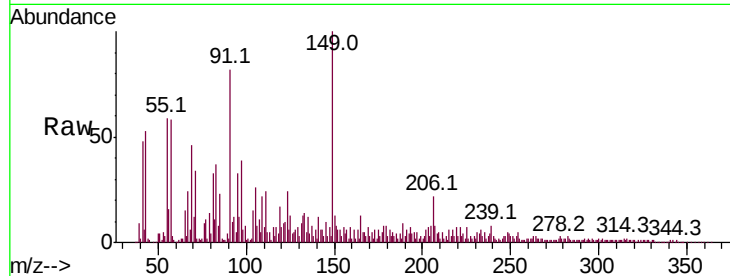




#79
Butylbenzylphthalate
Concen: 31.006 ng
RT: 13.29 min Scan# 1905
Delta R.T. 0.02 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

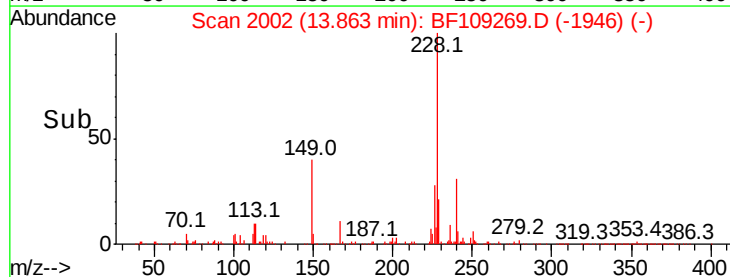
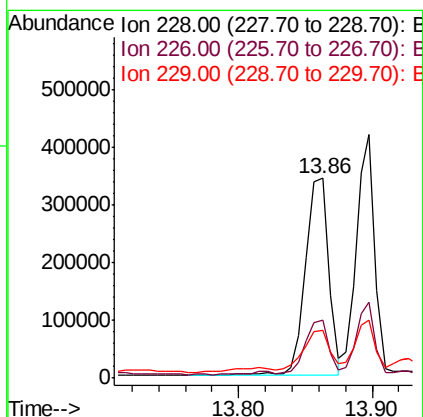
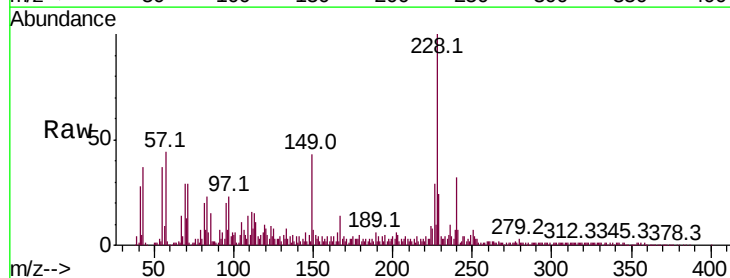
Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

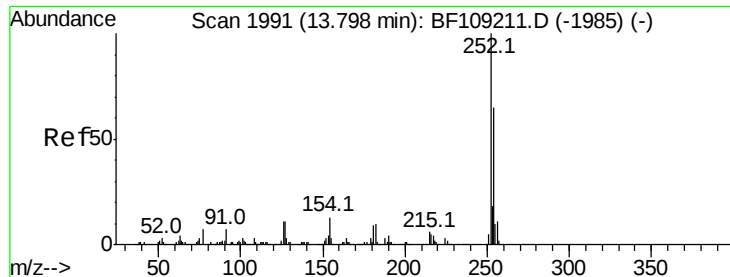
Tot Ion:149 Resp: 175846
Ion Ratio Lower Upper
149 100
91 81.6 56.8 85.2
206 21.8 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 36.556 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.03 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:228 Resp: 409556
Ion Ratio Lower Upper
228 100
226 29.3 22.6 33.8
229 24.0 15.8 23.6#





#81

3,3'-Dichlorobenzidine

Concen: 33.430 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

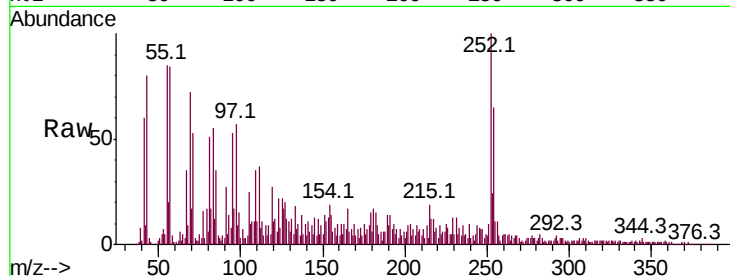
Tot Ion:252 Resp: 142336

Ion Ratio Lower Upper

252 100

254 65.2 50.4 75.6

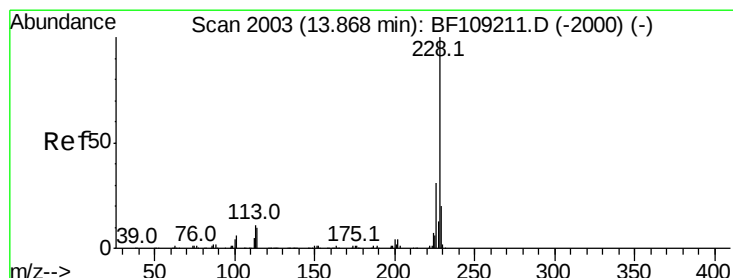
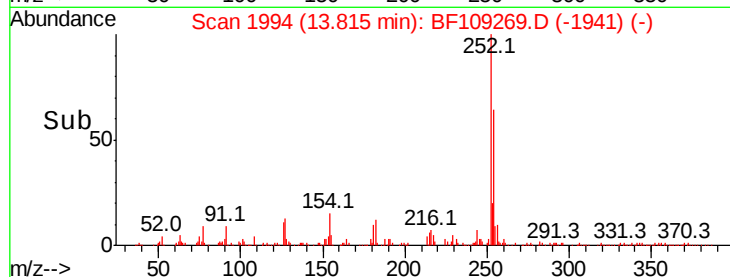
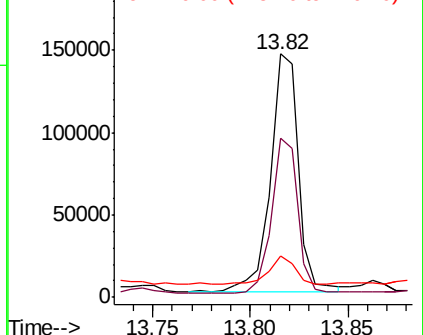
126 17.2 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 35.971 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.02 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

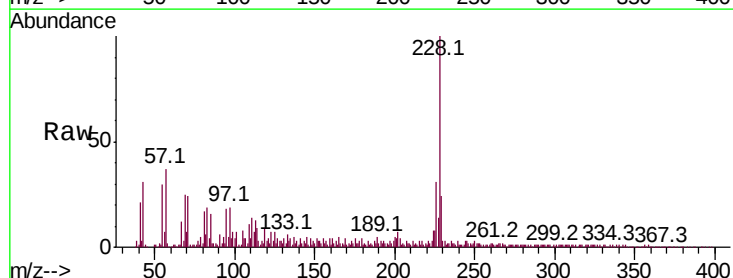
Tgt Ion:228 Resp: 399438

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

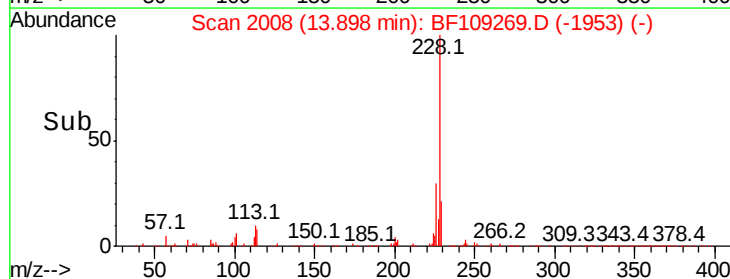
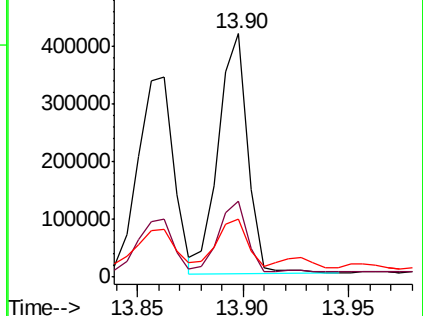
229 23.8 16.2 24.4

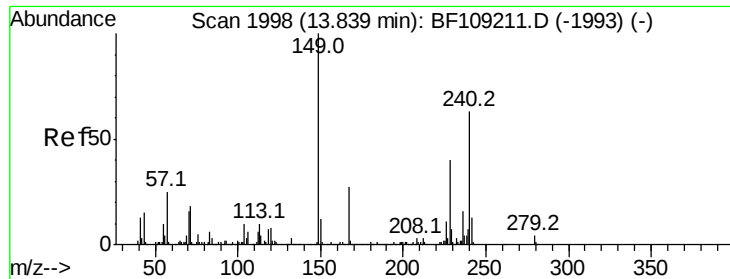


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

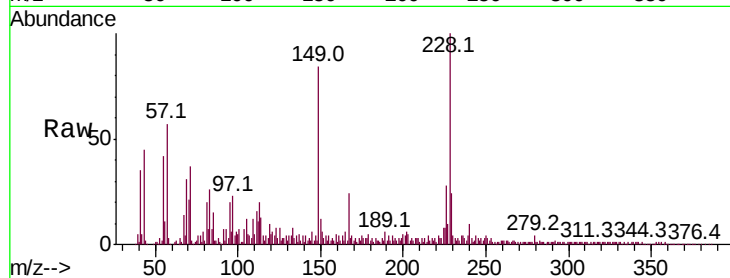




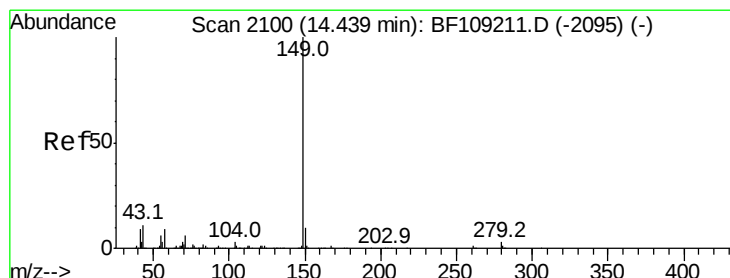
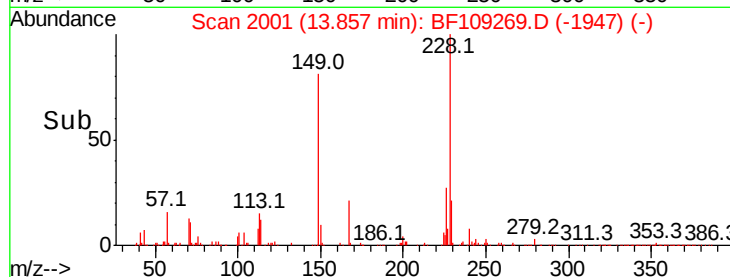
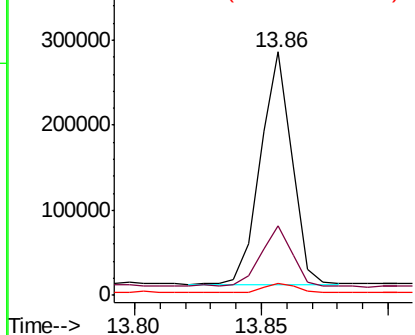
#83
Bis(2-ethylhexyl)phthalate
Concen: 32.854 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.02 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:149 Resp: 234987
Ion Ratio Lower Upper
149 100
167 28.4 21.3 31.9
279 5.0 3.0 4.4#

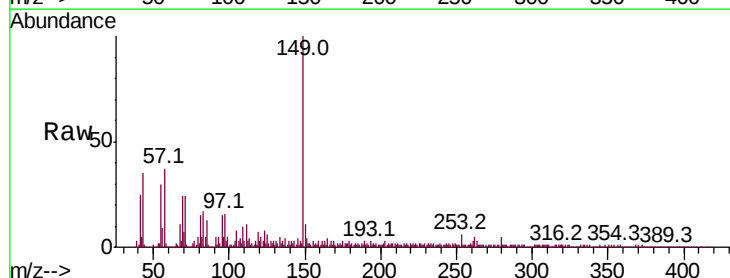


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

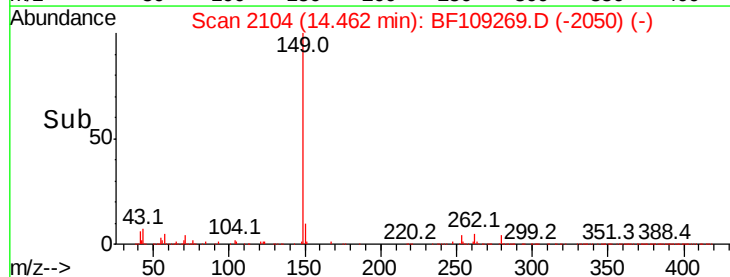
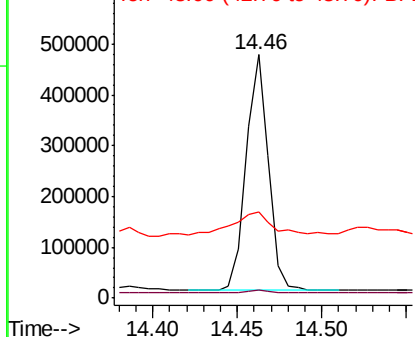


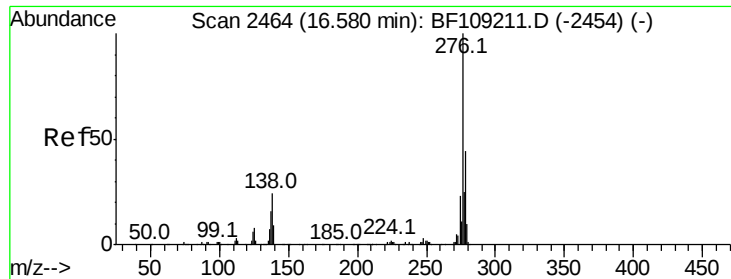
#84
Di-n-octyl phthalate
Concen: 35.146 ng
RT: 14.46 min Scan# 2104
Delta R.T. 0.02 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:149 Resp: 429813
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 15.9 8.4 12.6#



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

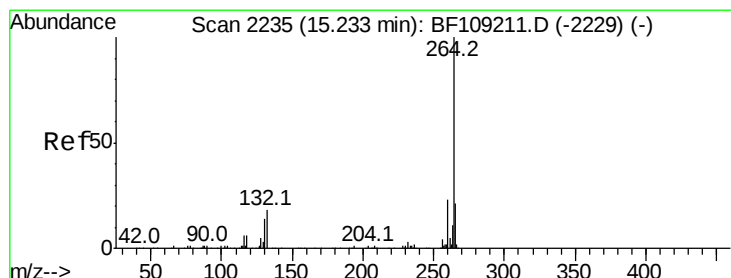
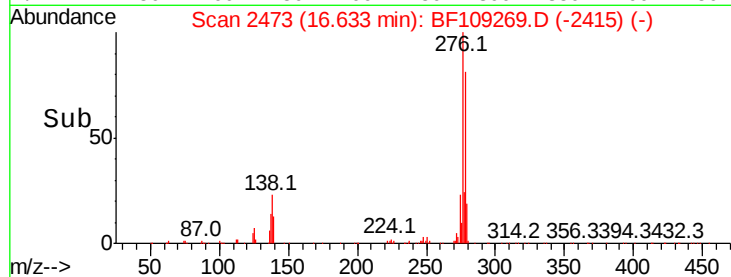
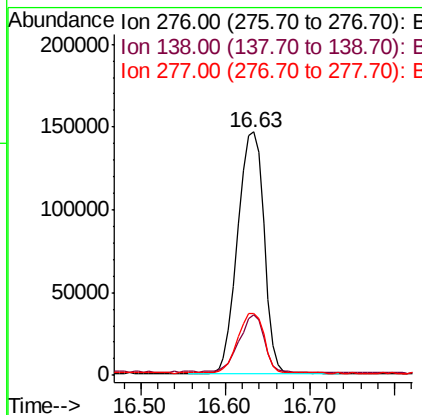
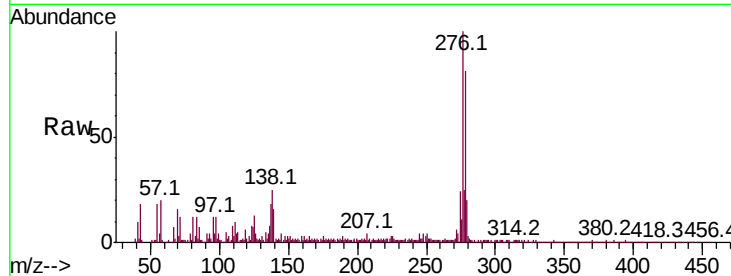




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.010 ng
 RT: 16.63 min Scan# 2473
 Delta R.T. 0.04 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

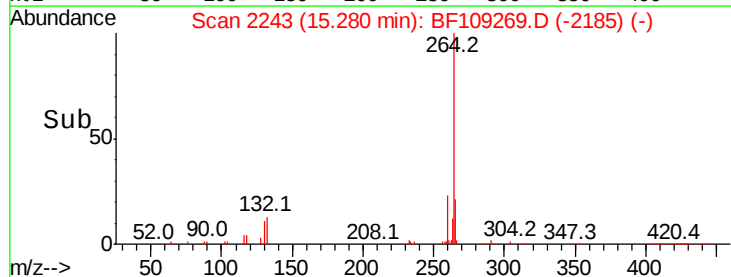
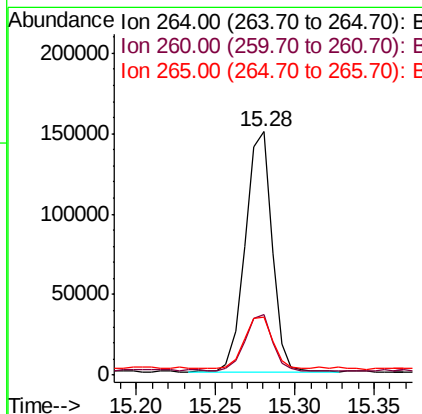
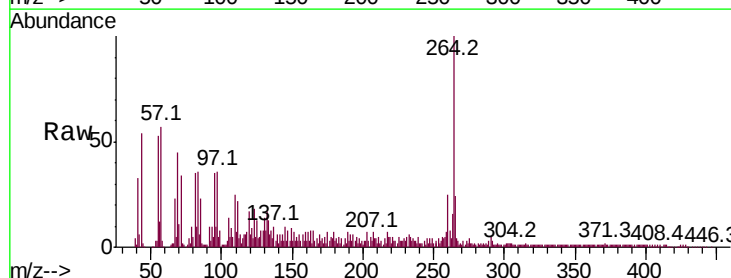
Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

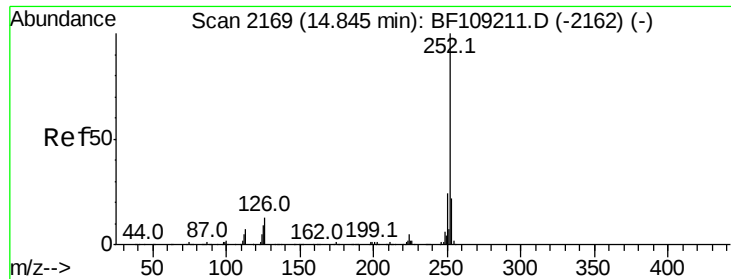
Tot Ion:276 Resp: 315113
 Ion Ratio Lower Upper
 276 100
 138 22.7 25.0 37.6#
 277 24.7 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.04 min
 Lab File: BF109269.D
 Acq: 24 Sep 2018 16:00

Tgt Ion:264 Resp: 174367
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 24.0 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 36.758 ng

RT: 14.88 min Scan# 2175

Delta R.T. 0.03 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

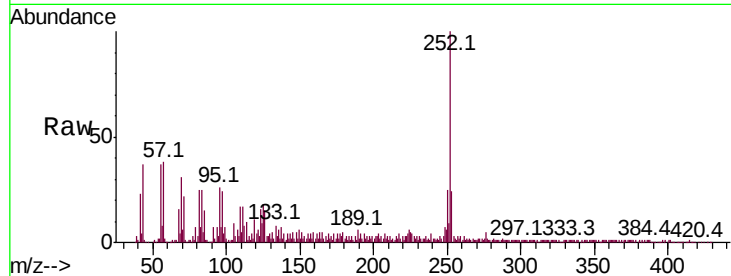
Tot Ion:252 Resp: 352194

Ion Ratio Lower Upper

252 100

253 24.5 17.0 25.6

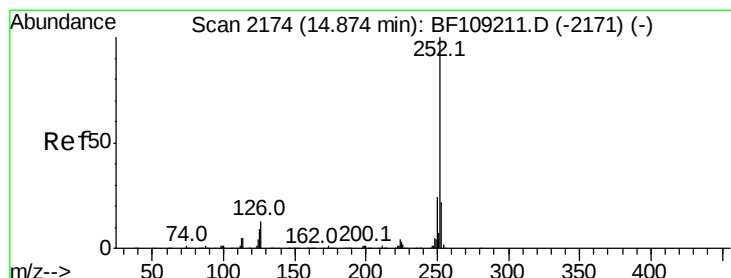
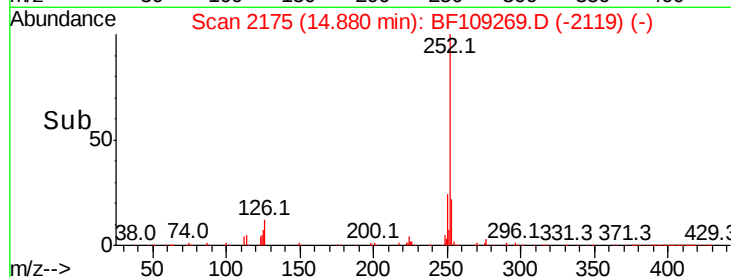
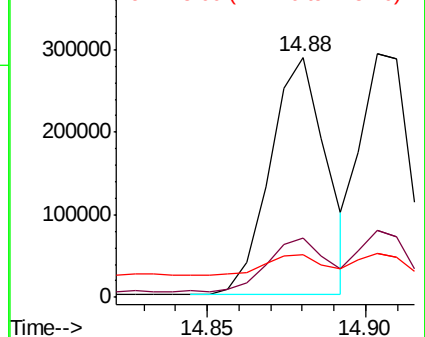
125 17.8 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.197 ng

RT: 14.90 min Scan# 2179

Delta R.T. 0.02 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

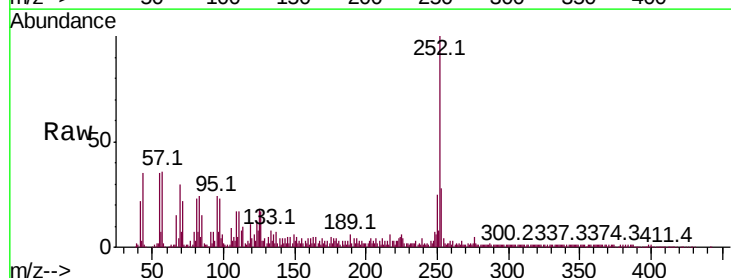
Tgt Ion:252 Resp: 310914

Ion Ratio Lower Upper

252 100

253 27.5 17.9 26.9#

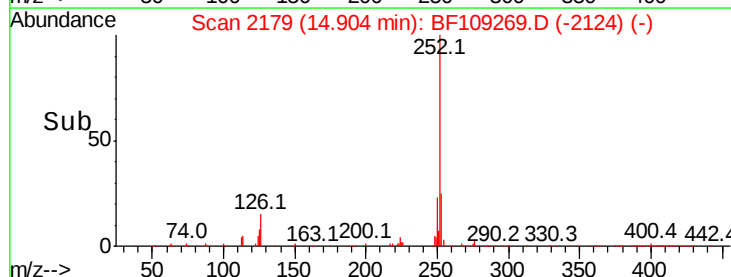
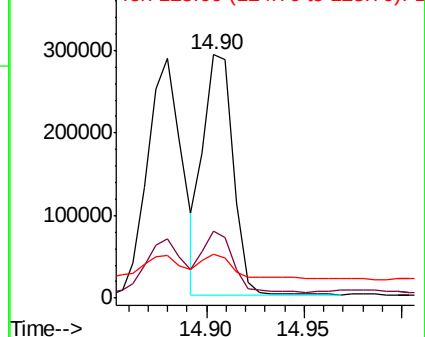
125 18.3 10.2 15.2#

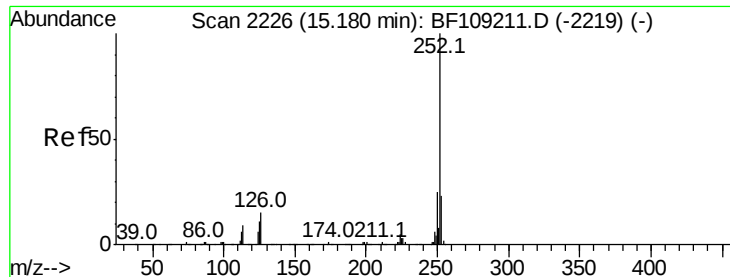


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

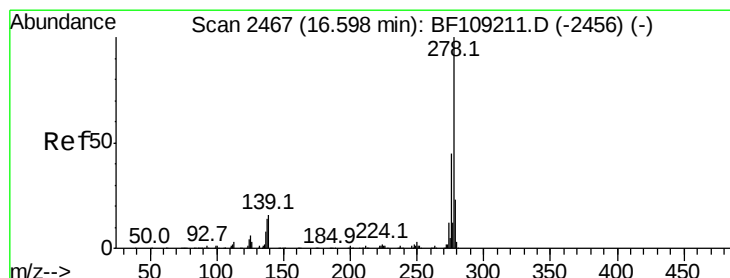
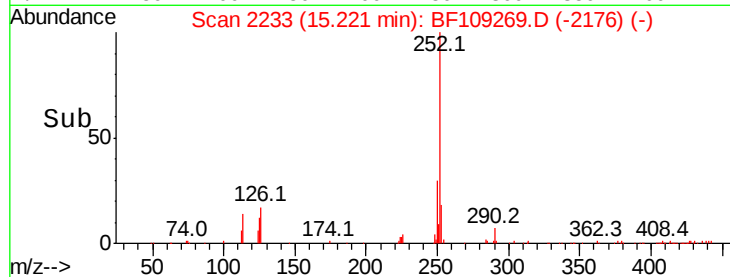
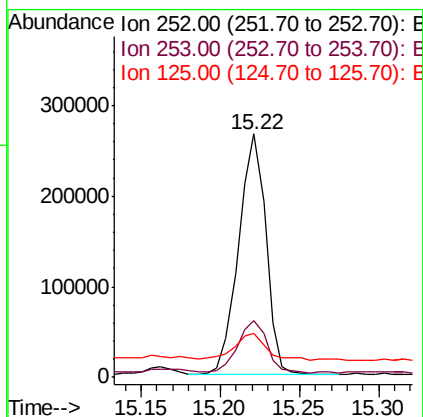
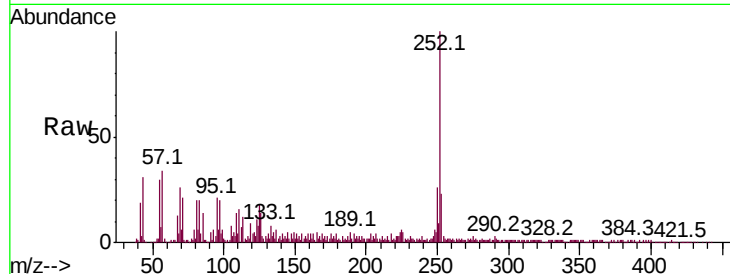




#89
Benzo(a)pyrene
Concen: 36.571 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.04 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

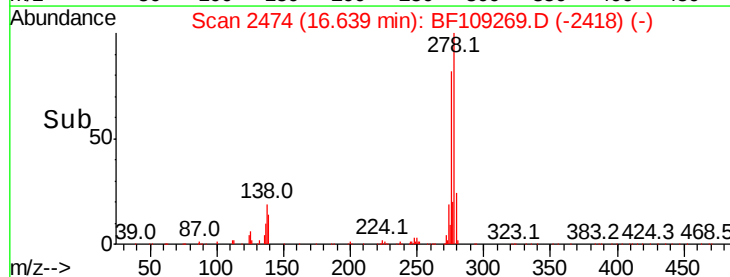
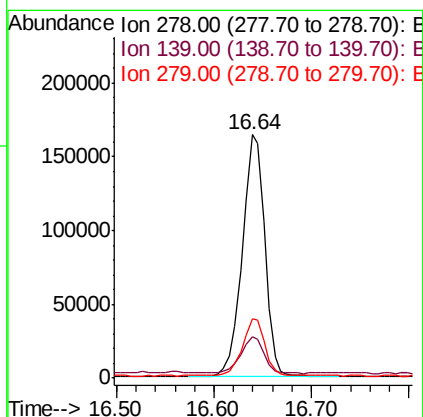
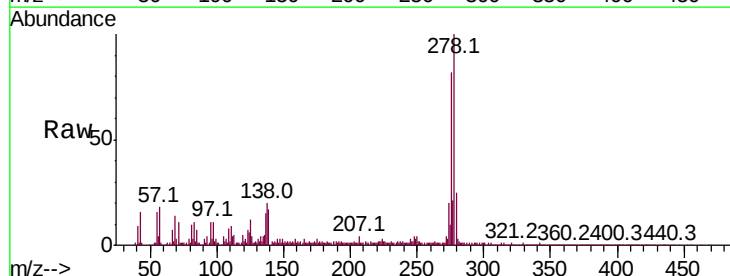
Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

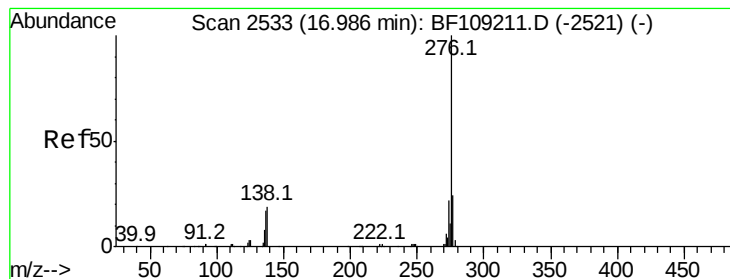
Tot Ion:252 Resp: 315741
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 17.9 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 37.173 ng
RT: 16.64 min Scan# 2474
Delta R.T. 0.03 min
Lab File: BF109269.D
Acq: 24 Sep 2018 16:00

Tgt Ion:278 Resp: 263298
Ion Ratio Lower Upper
278 100
139 17.0 15.9 23.9
279 24.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 37.022 ng

RT: 17.03 min Scan# 2541

Delta R.T. 0.04 min

Lab File: BF109269.D

Acq: 24 Sep 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

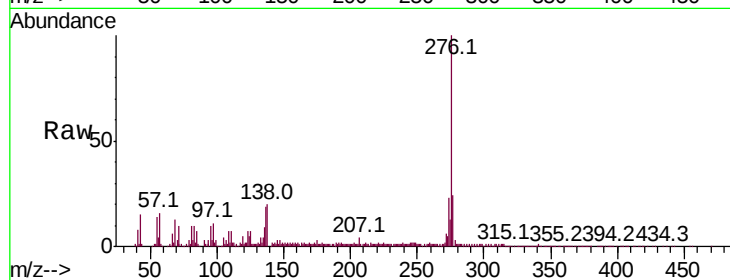
Tot Ion:276 Resp: 257715

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 20.1 21.8 32.8#



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

