

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092418\
 Data File : BF109270.D
 Acq On : 24 Sep 2018 16:26
 Operator : JU/SJ
 Sample : J5017-09MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Sep 25 04:41:42 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	107204	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	404051	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	168448	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	248140	20.00	ng	0.01
75) Chrysene-d12	13.87	240	190215	20.00	ng	0.03
86) Perylene-d12	15.28	264	177193	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	631833	97.07	ng	0.00
7) Phenol-d6	6.36	99	811438	97.70	ng	0.00
23) Nitrobenzene-d5	7.27	82	504327	73.68	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	162968	98.14	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	885450	79.28	ng	0.00
78) Terphenyl-d14	12.83	244	545879	70.43	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	84323	28.130	ng	95
3) Pyridine	3.10	79	231083	29.952	ng	91
4) n-Nitrosodimethylamine	3.02	42	120681	36.756	ng	# 99
6) Aniline	6.37	93	290043	27.296	ng	# 1
8) 2-Chlorophenol	6.50	128	258899	35.770	ng	96
9) Benzaldehyde	6.25	77	174954	32.791	ng	97
10) Phenol	6.37	94	324461	34.497	ng	82
11) bis(2-Chloroethyl)ether	6.45	93	251553	34.180	ng	98
12) 1,3-Dichlorobenzene	6.65	146	281359	33.762	ng	99
13) 1,4-Dichlorobenzene	6.73	146	282142	33.606	ng	99
14) 1,2-Dichlorobenzene	6.88	146	268031	34.608	ng	99
15) Benzyl Alcohol	6.85	79	237578	37.371	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	347239	33.262	ng	95
17) 2-Methylphenol	6.97	107	208786	35.650	ng	96
18) Hexachloroethane	7.22	117	97936	33.110	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	185984	34.175	ng	99
20) 3+4-Methylphenols	7.12	107	260779	36.881	ng	# 60
22) Acetophenone	7.12	105	361854	38.736	ng	# 92
24) Nitrobenzene	7.29	77	274831	37.763	ng	99
25) Isophorone	7.53	82	500543	40.611	ng	98
26) 2-Nitrophenol	7.61	139	125775	43.701	ng	96
27) 2,4-Dimethylphenol	7.65	122	222838	41.493	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	309743	37.963	ng	99
29) 2,4-Dichlorophenol	7.85	162	216961	38.450	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	223614	35.466	ng	96
31) Naphthalene	8.02	128	731675	38.752	ng	99
32) Benzoic acid	7.75	122	42491	16.791	ng	92
33) 4-Chloroaniline	8.06	127	211542	25.647	ng	99
34) Hexachlorobutadiene	8.14	225	134315	35.337	ng	99
35) Caprolactam	8.42	113	77873	43.227	ng	92
36) 4-Chloro-3-methylphenol	8.55	107	222431	37.461	ng	99
37) 2-Methylnaphthalene	8.70	142	477785	39.253	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	216508	40.386	ng	98
40) Hexachlorocyclopentadiene	8.86	237	44084	18.853	ng	99

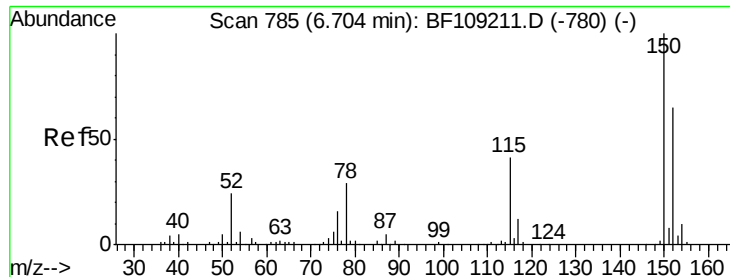
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092418\
 Data File : BF109270.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	145282	42.225	ng	99
43) 2,4,5-Trichlorophenol	9.03	196	149040	41.015	ng	92
45) 1,1'-Biphenyl	9.17	154	539951	39.342	ng	99
46) 2-Chloronaphthalene	9.19	162	418972	38.213	ng	98
47) 2-Nitroaniline	9.29	65	127906	41.146	ng	98
48) Acenaphthylene	9.60	152	637764	38.558	ng	99
49) Dimethylphthalate	9.47	163	567942	46.356	ng	# 99
50) 2,6-Dinitrotoluene	9.53	165	99744	41.106	ng	90
51) Acenaphthene	9.78	154	369464	36.945	ng	99
52) 3-Nitroaniline	9.69	138	98122	34.918	ng	96
53) 2,4-Dinitrophenol	9.80	184	15302	24.396	ng	# 25
54) Dibenzofuran	9.95	168	521270	35.050	ng	# 95
55) 4-Nitrophenol	9.86	139	161379	76.235	ng	89
56) 2,4-Dinitrotoluene	9.93	165	120175	39.142	ng	# 98
57) Fluorene	10.29	166	398227	37.528	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	103453	35.956	ng	# 94
59) Diethylphthalate	10.17	149	450336	36.298	ng	97
60) 4-Chlorophenyl-phenylether	10.29	204	187037	33.747	ng	99
61) 4-Nitroaniline	10.30	138	90630	33.071	ng	92
62) Azobenzene	10.45	77	423095	32.823	ng	96
64) 4,6-Dinitro-2-methylphenol	10.35	198	17862	22.062	ng	# 35
65) n-Nitrosodiphenylamine	10.40	169	459555	56.054	ng	92
66) 4-Bromophenyl-phenylether	10.77	248	111390	40.425	ng	93
67) Hexachlorobenzene	10.85	284	110132	37.633	ng	94
68) Atrazine	10.93	200	118839	47.132	ng	94
69) Pentachlorophenol	11.04	266	111001	63.373	ng	99
70) Phenanthrene	11.26	178	567927	45.839	ng	98
71) Anthracene	11.30	178	497752	39.610	ng	97
72) Carbazole	11.46	167	428401	34.264	ng	96
73) Di-n-butylphthalate	11.80	149	496855	34.520	ng	98
74) Fluoranthene	12.46	202	421488	31.833	ng	95
76) Benzidine	12.56	184	176709	25.766	ng	# 86
77) Pyrene	12.68	202	490755	35.999	ng	97
79) Butylbenzylphthalate	13.29	149	195509	33.710	ng	# 85
80) Benzo(a)anthracene	13.86	228	433886	37.870	ng	# 95
81) 3,3'-Dichlorobenzidine	13.82	252	150325	34.524	ng	98
82) Chrysene	13.90	228	421097	37.082	ng	97
83) Bis(2-ethylhexyl)phthalate	13.86	149	265742	36.331	ng	# 97
84) Di-n-octyl phthalate	14.46	149	478742	38.280	ng	# 74
85) Indeno(1,2,3-cd)pyrene	16.63	276	348716	37.885	ng	# 92
87) Benzo(b)fluoranthene	14.89	252	419966	43.133	ng	# 91
88) Benzo(k)fluoranthene	14.91	252	321179	34.762	ng	# 93
89) Benzo(a)pyrene	15.23	252	343347	39.134	ng	# 93
90) Dibenzo(a,h)anthracene	16.64	278	293842	40.824	ng	98
91) Benzo(g,h,i)perylene	17.04	276	286934	40.562	ng	# 91

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

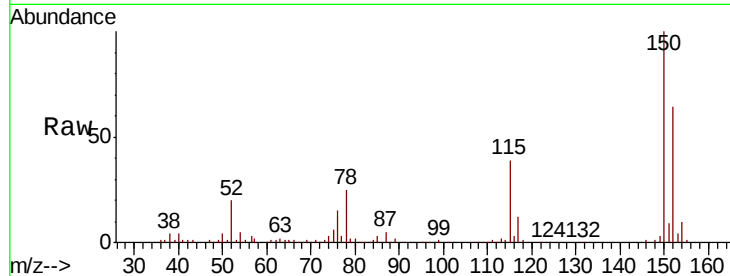


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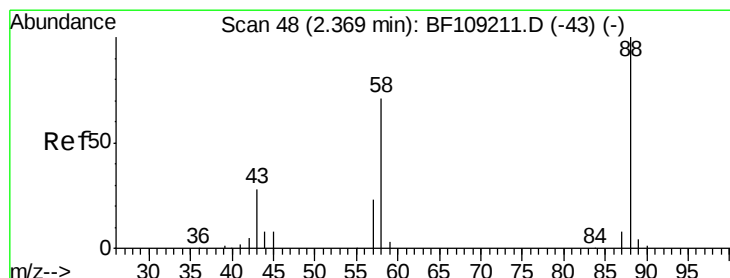
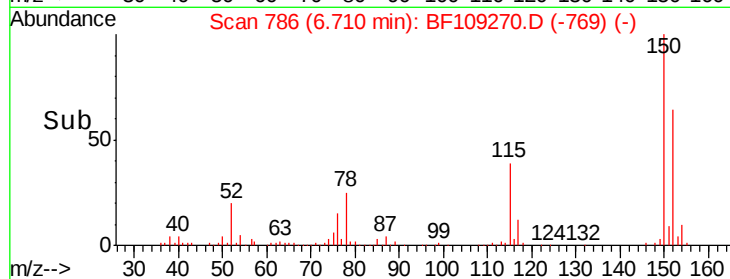
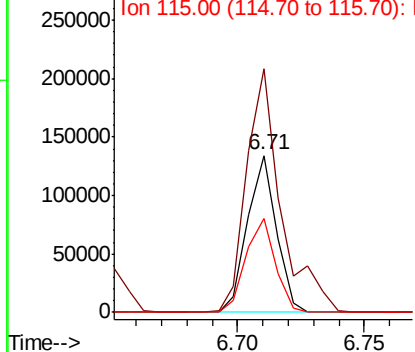
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

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

Tgt Ion:152 Resp: 107204
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 59.9 50.1 75.1



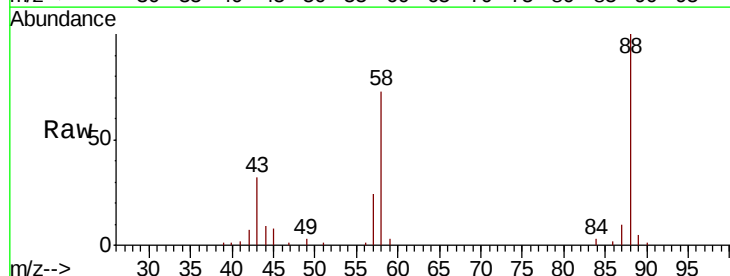
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



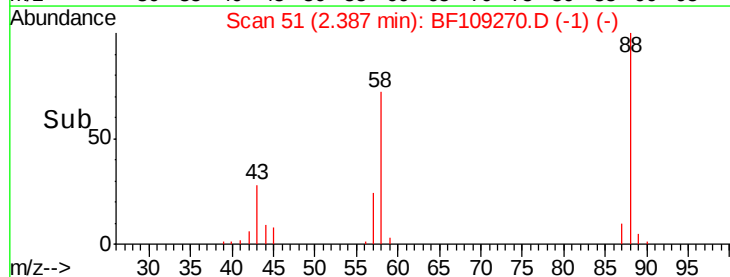
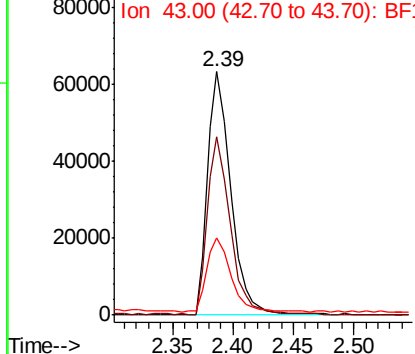
#2

1,4-Dioxane
 Concen: 28.130 ng
 RT: 2.39 min Scan# 51
 Delta R.T. 0.02 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion: 88 Resp: 84323
 Ion Ratio Lower Upper
 88 100
 58 72.6 62.6 93.8
 43 30.7 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

Pyridine

Concen: 29.952 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.04 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

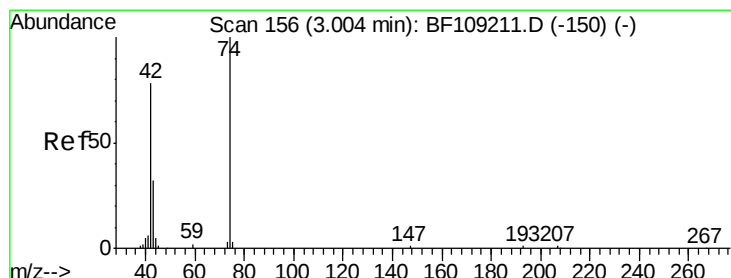
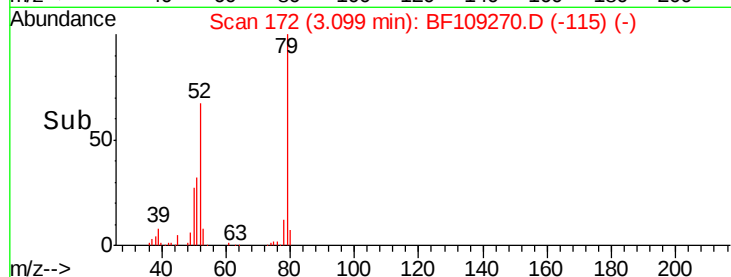
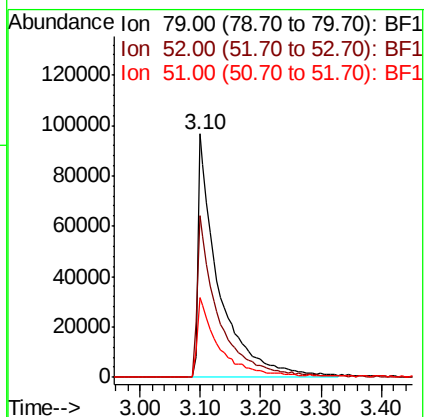
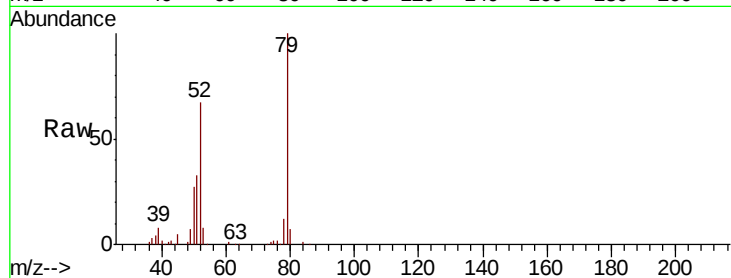
Tgt Ion: 79 Resp: 231083

Ion Ratio Lower Upper

79 100

52 66.6 59.8 89.6

51 32.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 36.756 ng

RT: 3.02 min Scan# 159

Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

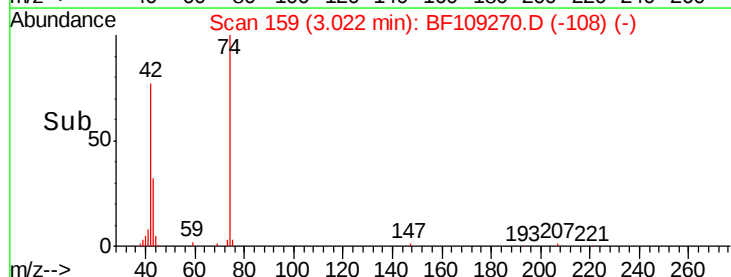
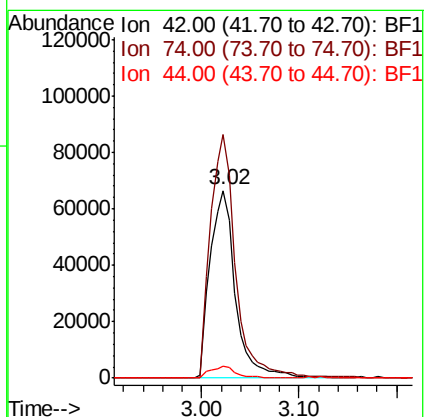
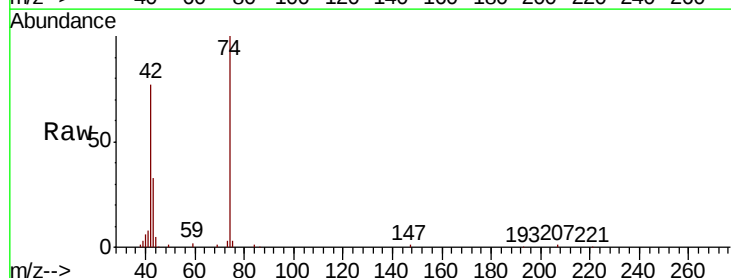
Tgt Ion: 42 Resp: 120681

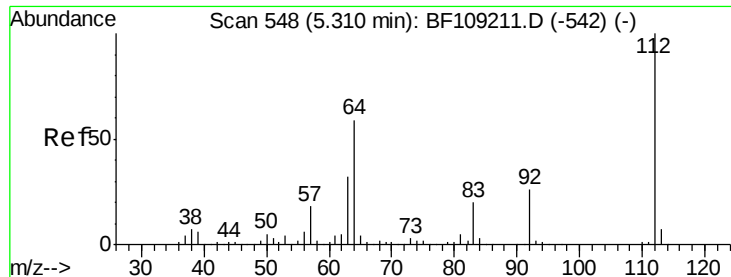
Ion Ratio Lower Upper

42 100

74 129.8 104.9 157.3

44 6.1 6.9 10.3#





#5

2-Fluorophenol

Concen: 97.075 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

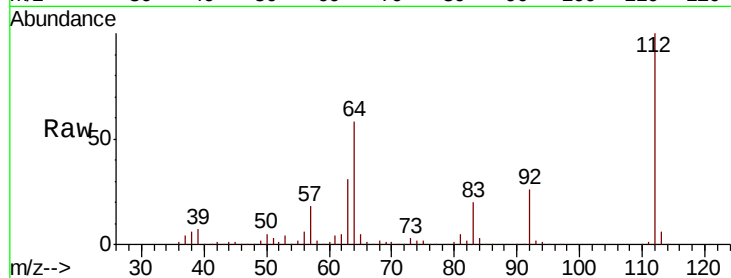
Tgt Ion: 112 Resp: 631833

Ion Ratio Lower Upper

112 100

64 58.2 47.9 71.9

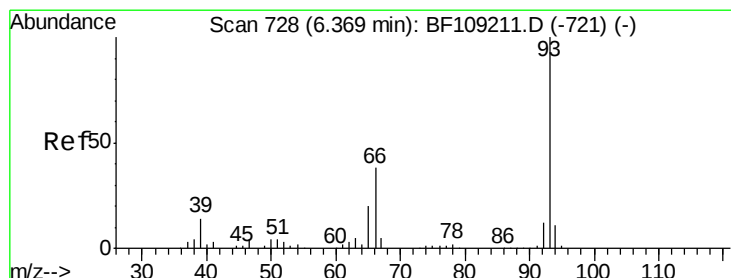
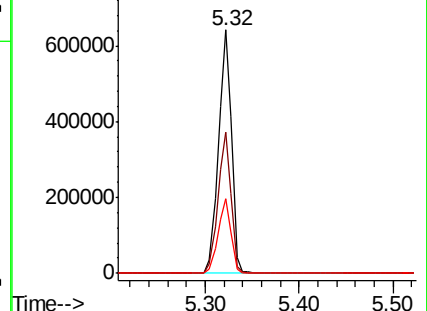
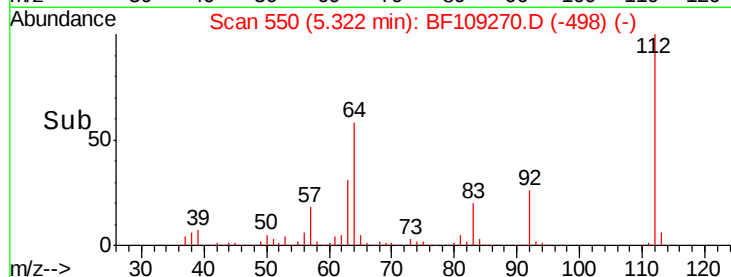
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.296 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

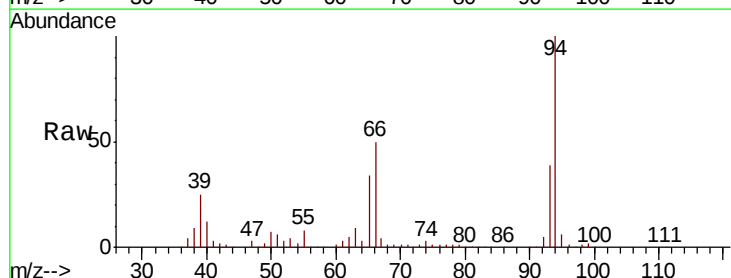
Tgt Ion: 93 Resp: 290043

Ion Ratio Lower Upper

93 100

66 128.4 32.2 48.2#

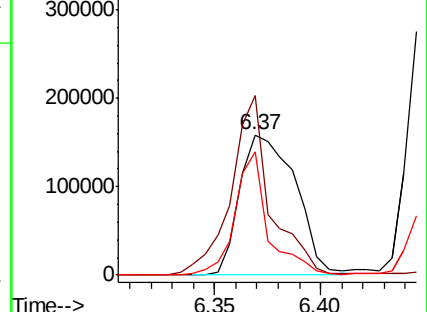
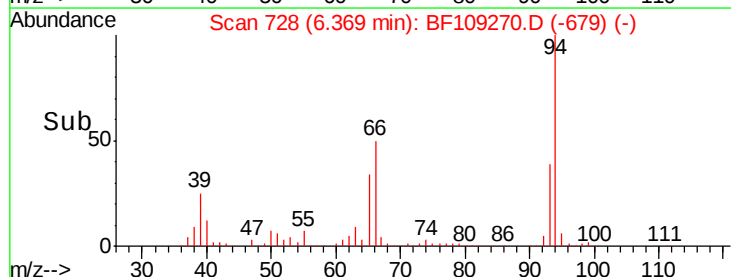
65 87.6 16.4 24.6#

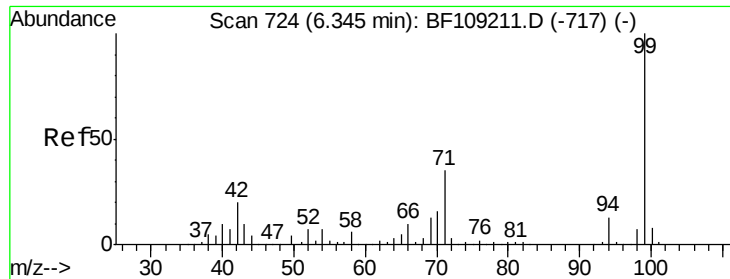


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.700 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

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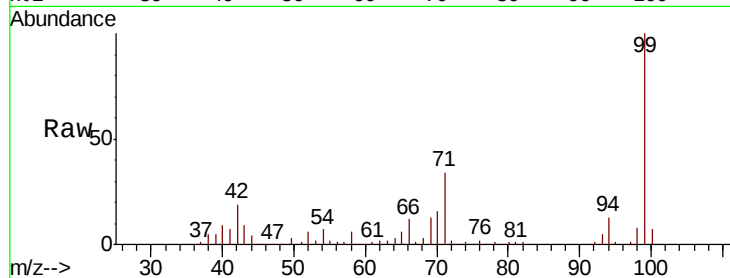
Tgt Ion: 99 Resp: 811438

Ion Ratio Lower Upper

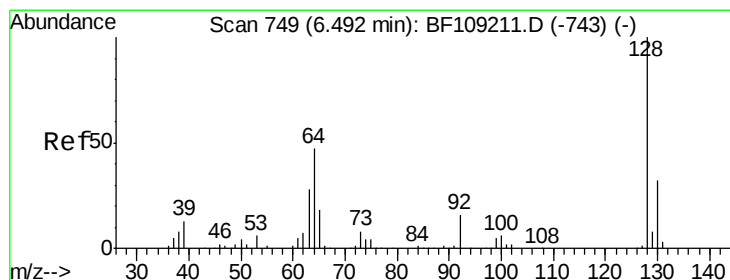
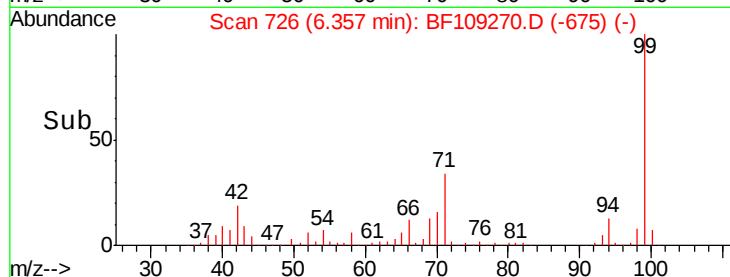
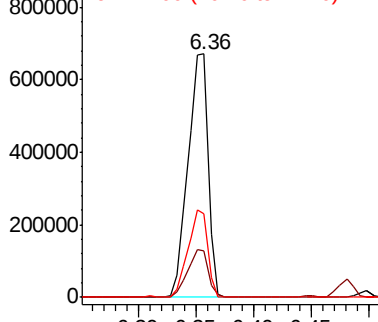
99 100

42 19.0 14.5 21.7

71 34.1 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



#8

2-Chlorophenol

Concen: 35.770 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

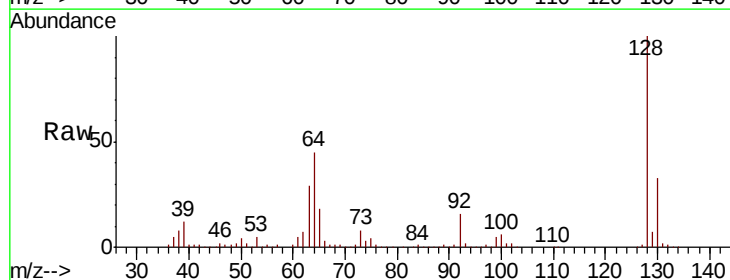
Tgt Ion: 128 Resp: 258899

Ion Ratio Lower Upper

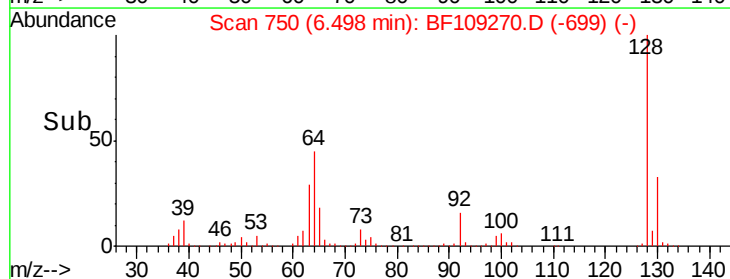
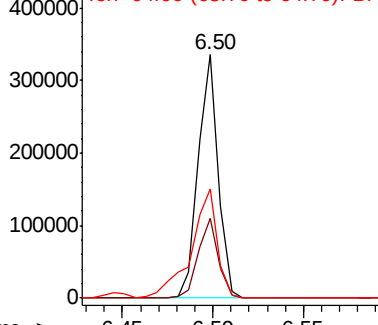
128 100

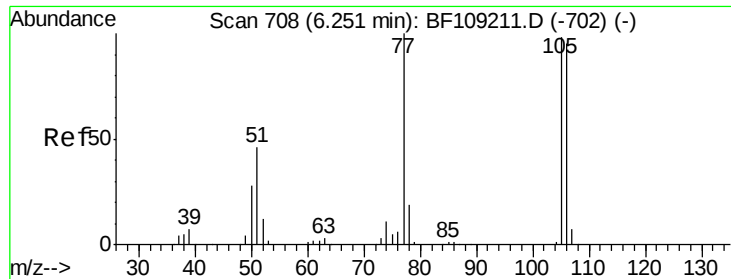
130 33.0 13.0 53.0

64 45.0 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





#9

Benzaldehyde

Concen: 32.791 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

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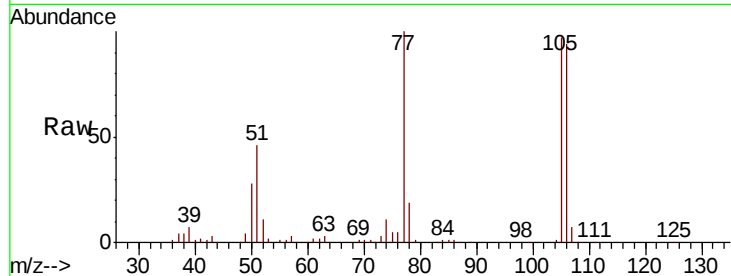
Tgt Ion: 77 Resp: 174954

Ion Ratio Lower Upper

77 100

105 96.5 81.1 121.1

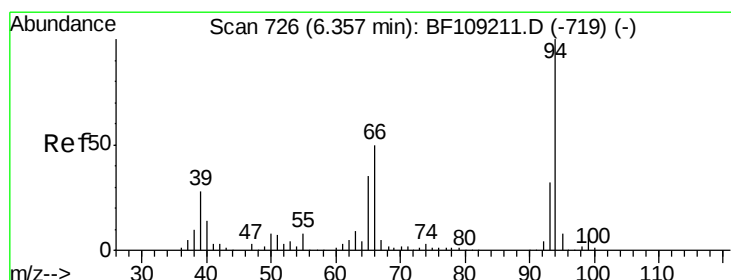
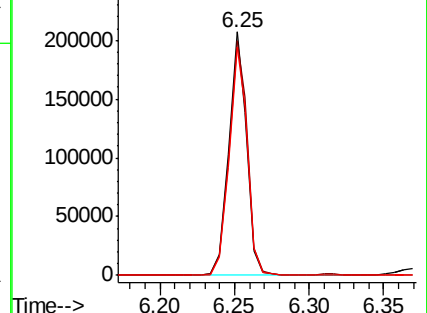
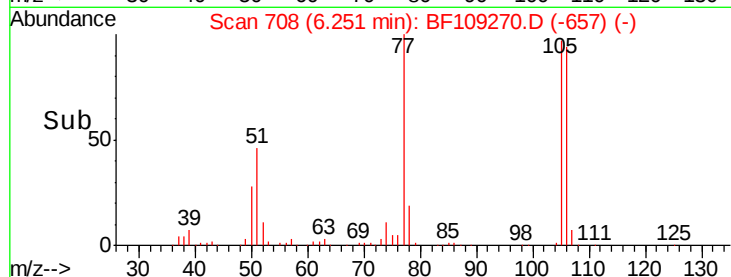
106 93.6 74.5 114.5



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: 34.497 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

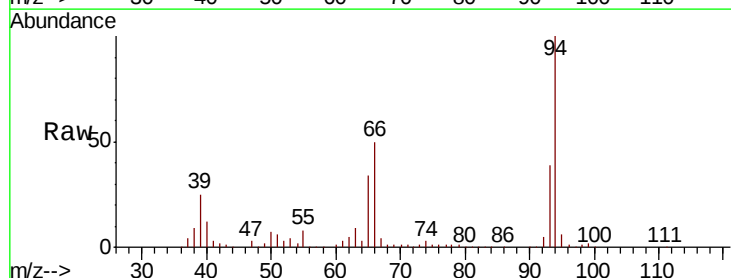
Tgt Ion: 94 Resp: 324461

Ion Ratio Lower Upper

94 100

65 33.9 7.9 47.9

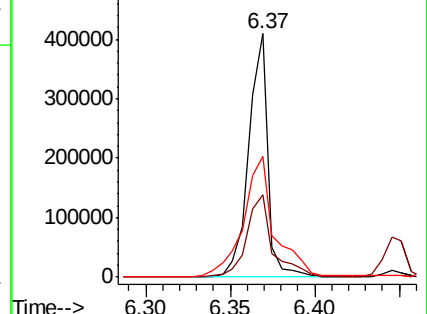
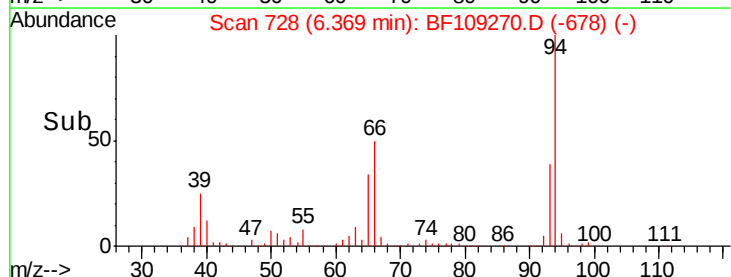
66 49.7 16.2 56.2

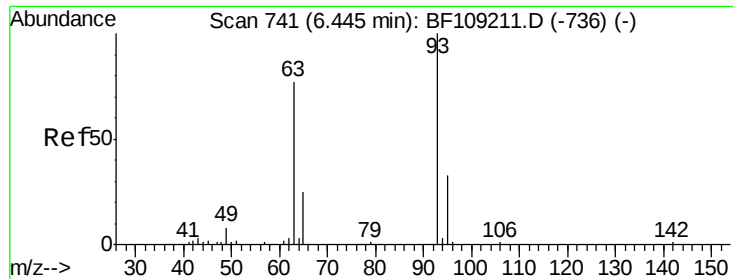


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

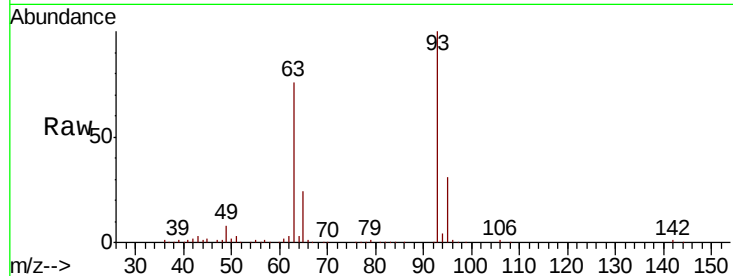




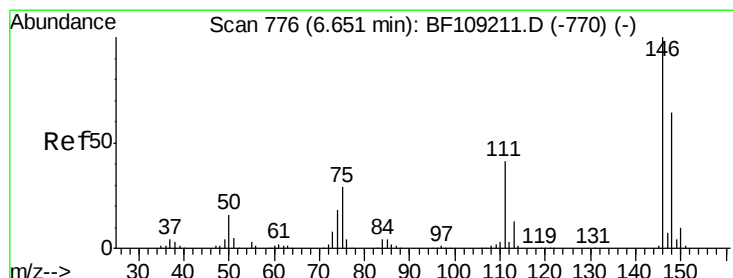
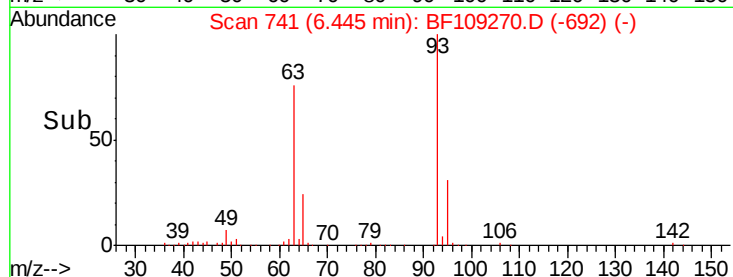
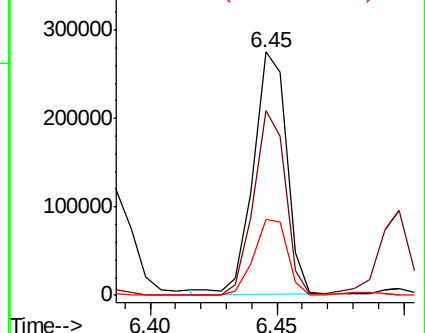
#11
 bis(2-Chloroethyl)ether
 Concen: 34.180 ng
 RT: 6.45 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

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

Tgt Ion: 93 Resp: 251553
 Ion Ratio Lower Upper
 93 100
 63 75.9 58.6 98.6
 95 31.4 11.8 51.8

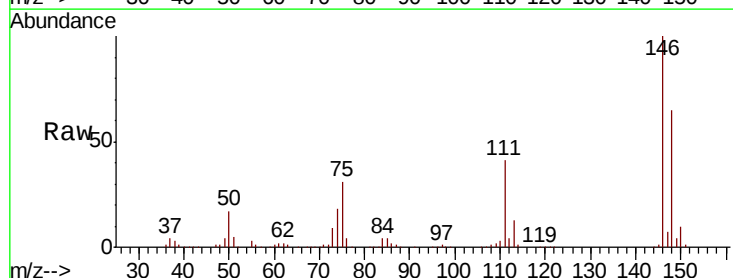


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

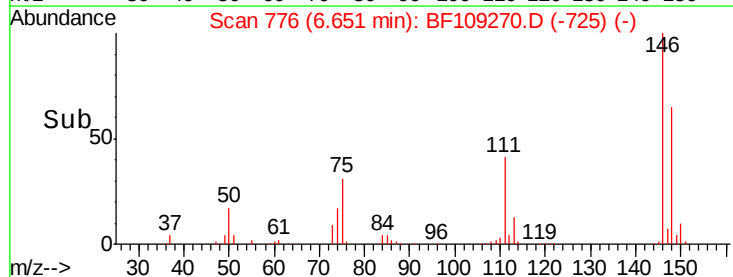
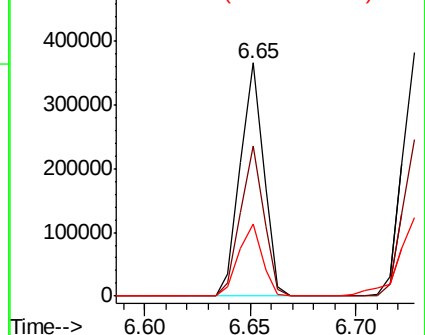


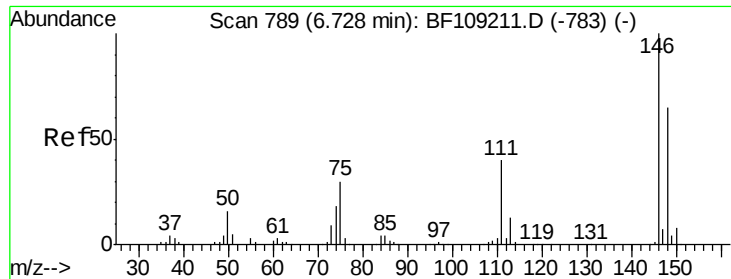
#12
 1,3-Dichlorobenzene
 Concen: 33.762 ng
 RT: 6.65 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion: 146 Resp: 281359
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.8 77.8
 75 31.2 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

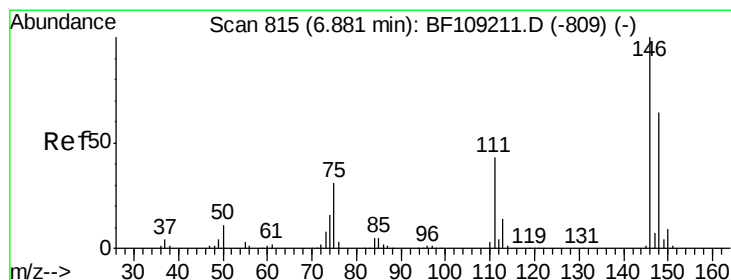
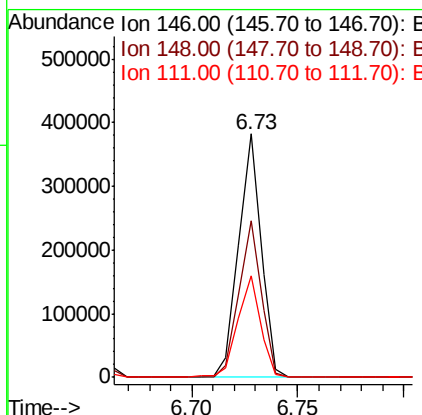
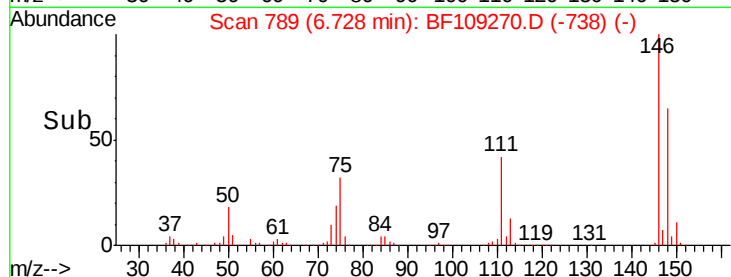
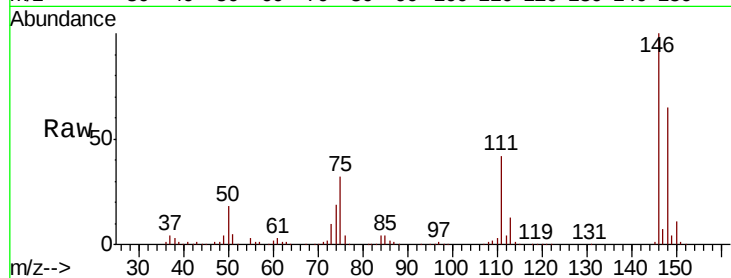




#13
 1,4-Dichlorobenzene
 Concen: 33.606 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

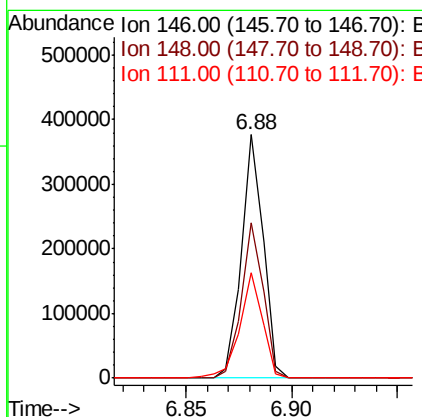
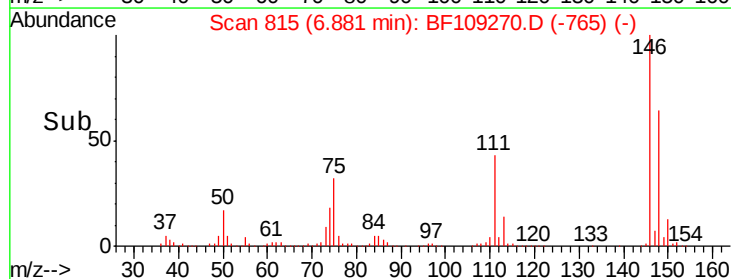
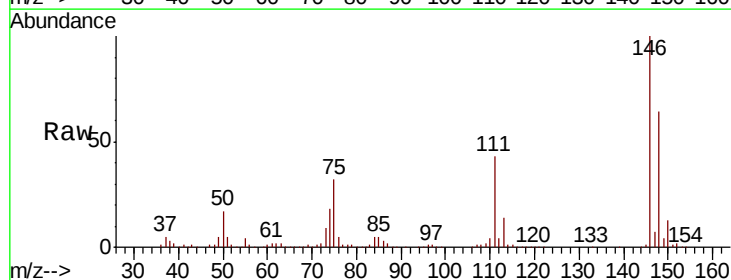
Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

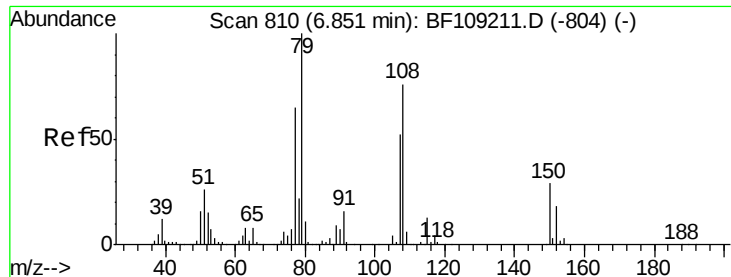
Tgt Ion:146 Resp: 282142
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.8 76.2
 111 41.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.608 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion:146 Resp: 268031
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 43.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.371 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

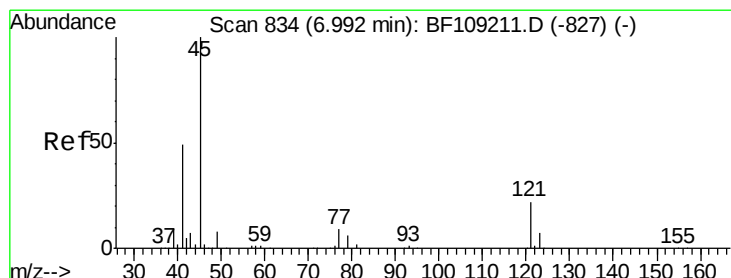
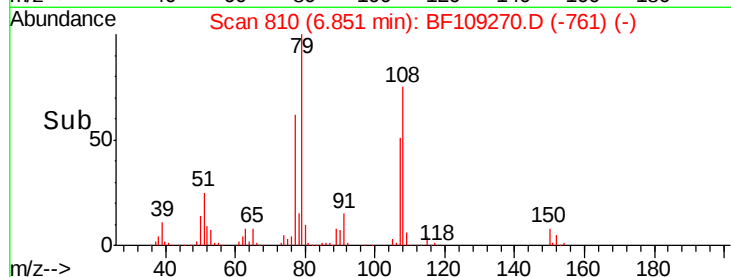
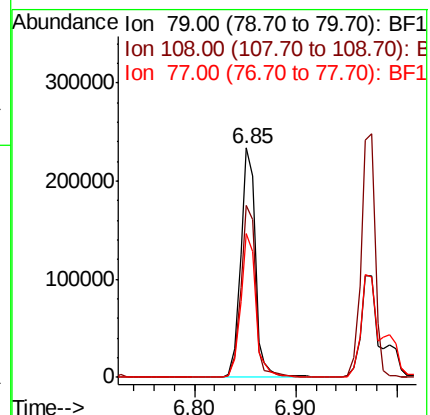
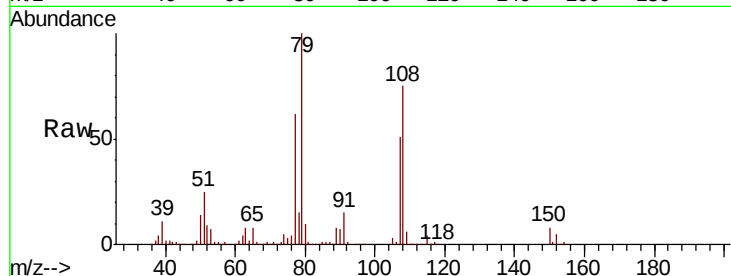
Tgt Ion: 79 Resp: 237578

Ion Ratio Lower Upper

79 100

108 74.9 65.1 97.7

77 62.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.262 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

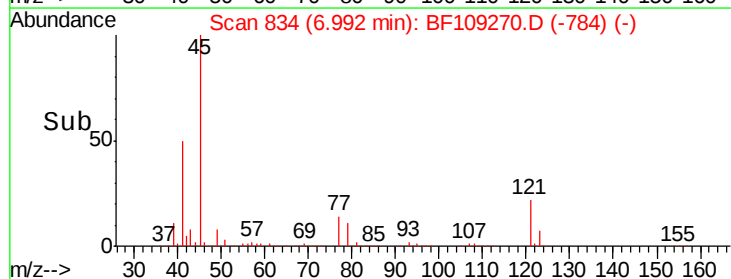
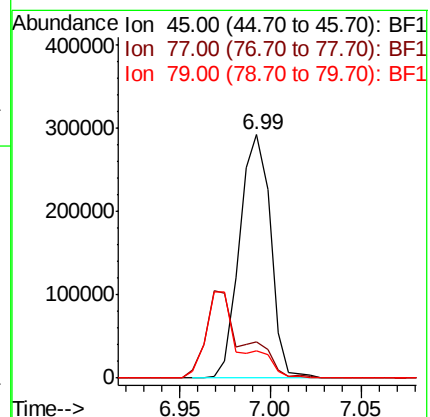
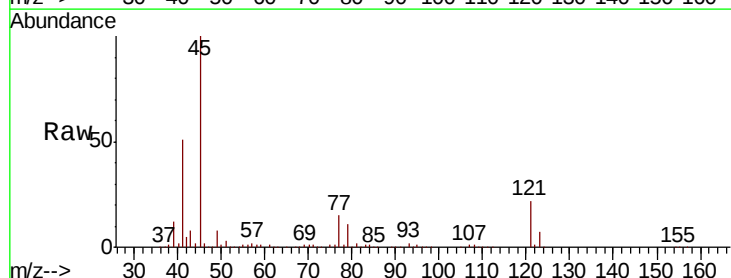
Tgt Ion: 45 Resp: 347239

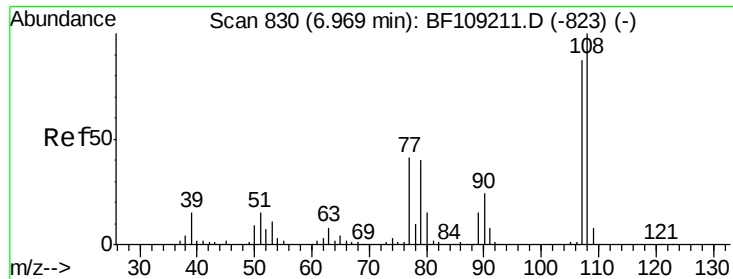
Ion Ratio Lower Upper

45 100

77 14.7 0.0 32.9

79 11.3 0.0 29.6

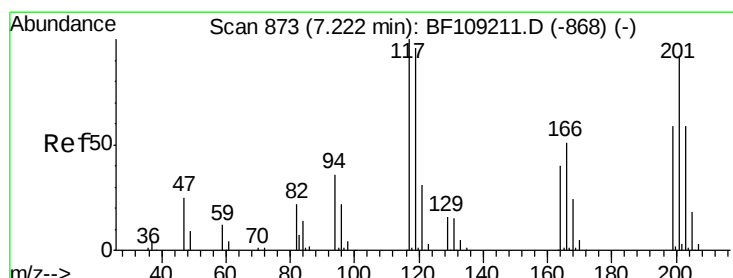
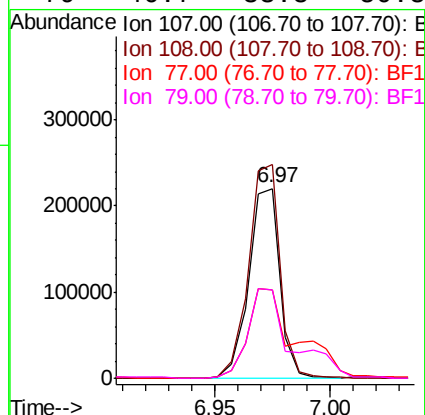
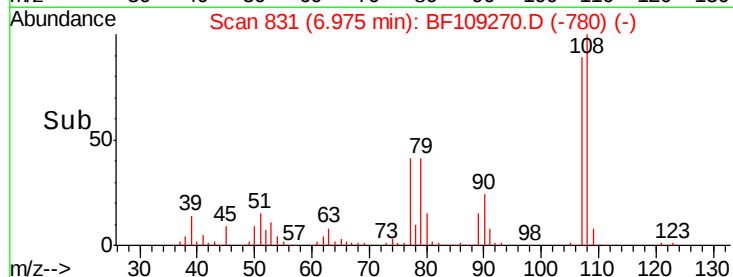
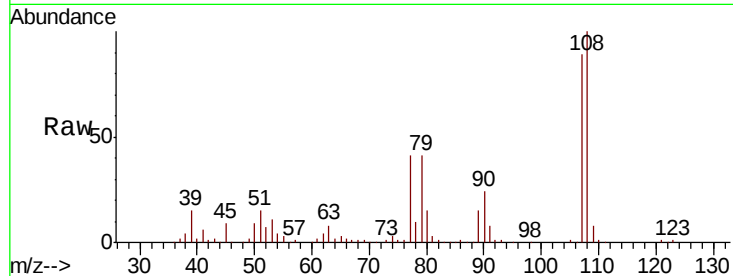




#17
2-Methylphenol
Concen: 35.650 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

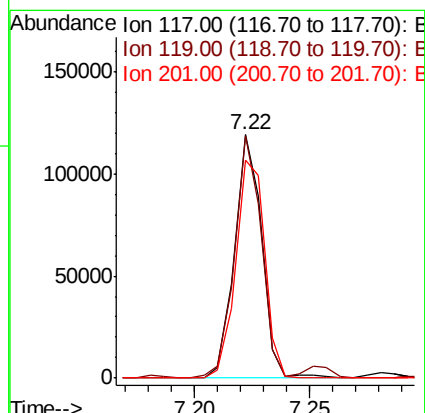
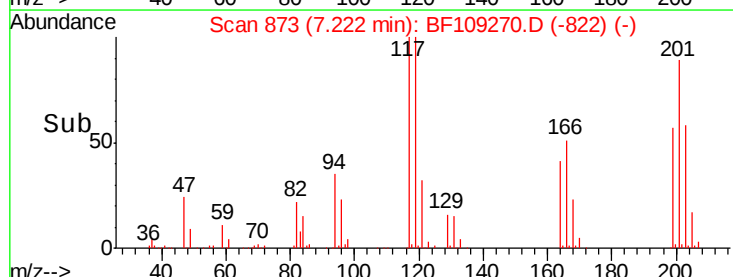
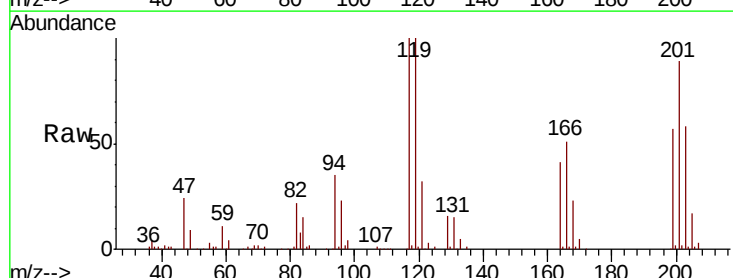
Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

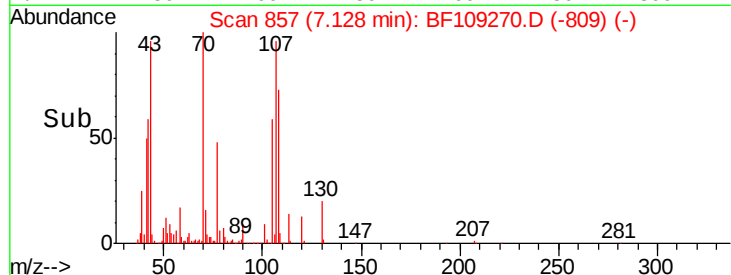
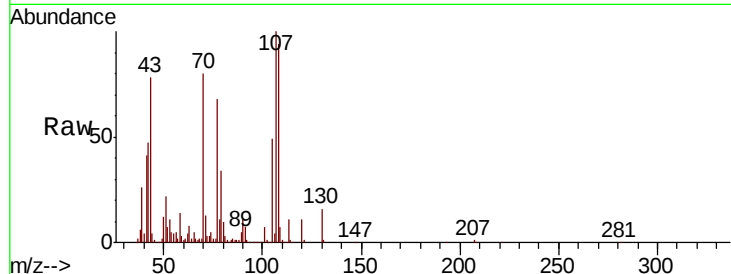
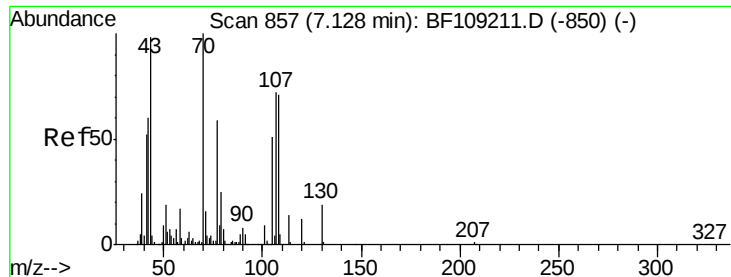
Tgt Ion:	107	Resp:	208786
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.7	137.5
77	46.4	33.8	50.8
79	46.7	33.8	50.8



#18
Hexachloroethane
Concen: 33.110 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion:	117	Resp:	97936
Ion	Ratio	Lower	Upper
117	100		
119	99.8	75.8	113.8
201	89.3	75.7	113.5

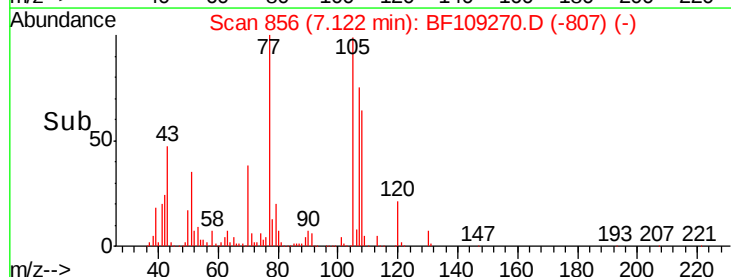
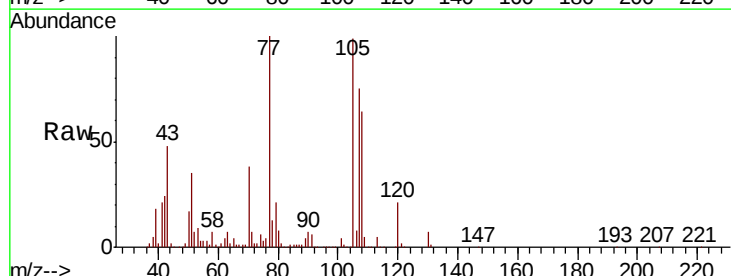
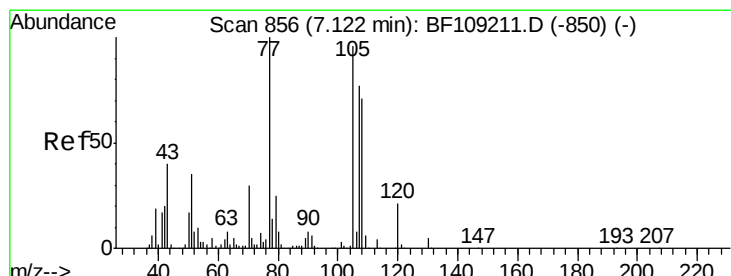
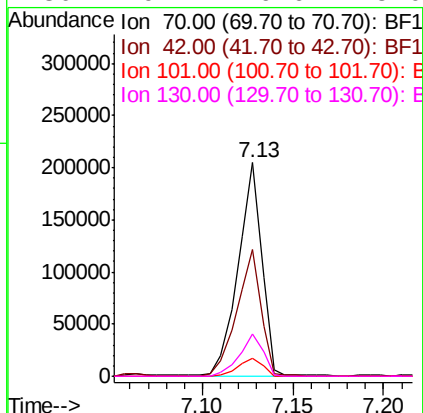




#19
n-Nitroso-di-n-propylamine
Concen: 34.175 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

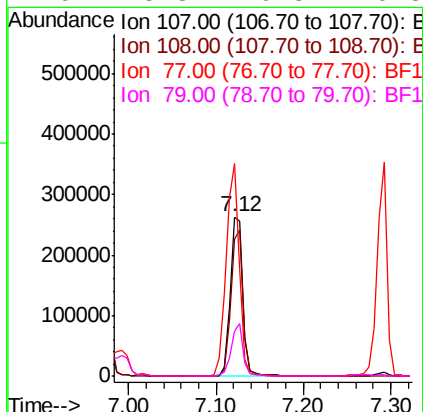
Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

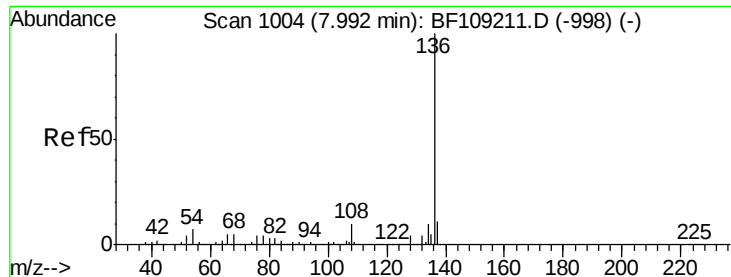
Tgt Ion:	70	Resp:	185984
Ion	Ratio	Lower	Upper
70	100		
42	59.2	47.5	71.3
101	8.7	7.4	11.2
130	19.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.881 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion:	107	Resp:	260779
Ion	Ratio	Lower	Upper
107	100		
108	86.0	68.2	108.2
77	134.1	26.7	66.7#
79	28.3	6.3	46.3

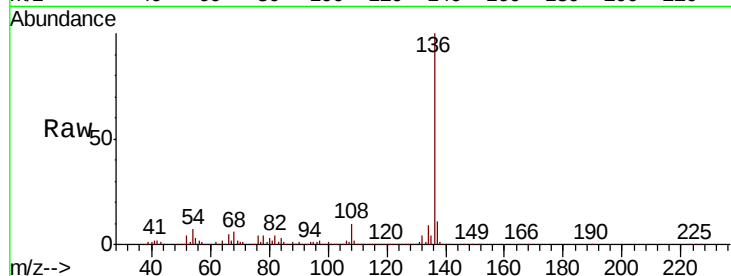




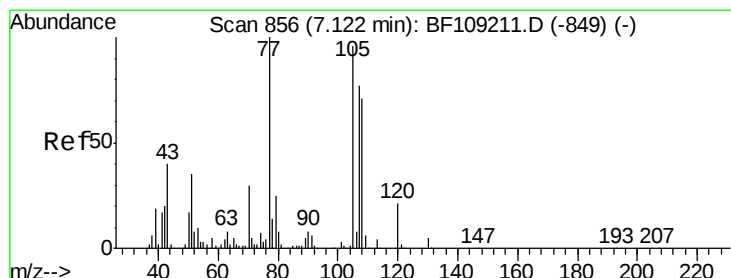
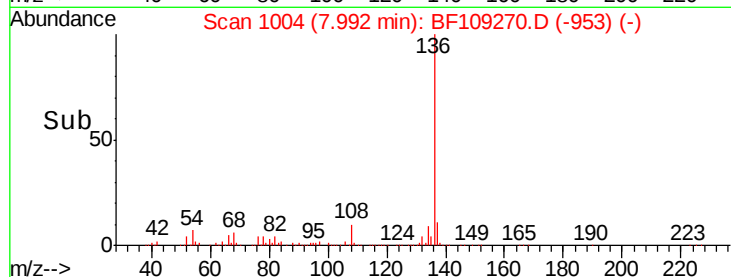
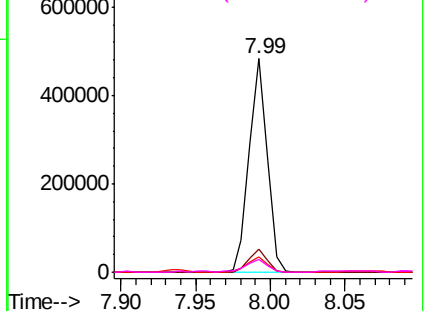
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

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

Tgt Ion:	136	Resp:	404051
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.1	6.6	9.8
68	5.9	5.0	7.4

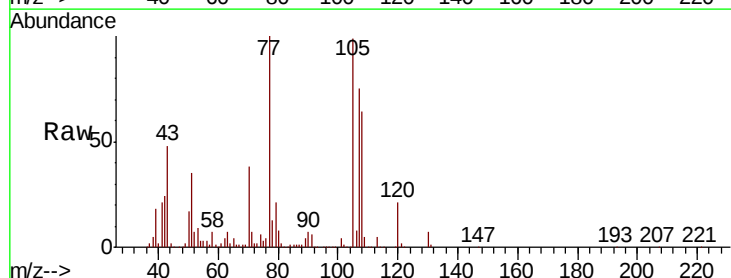


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

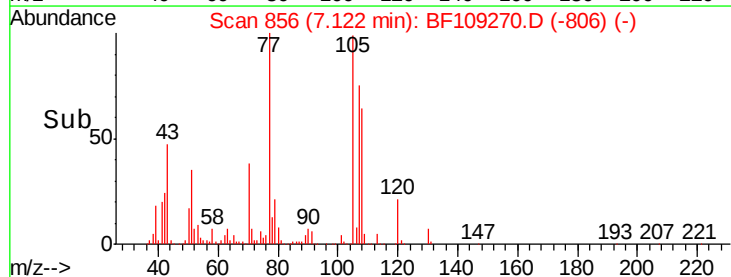
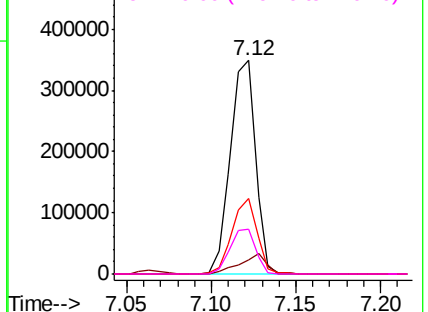


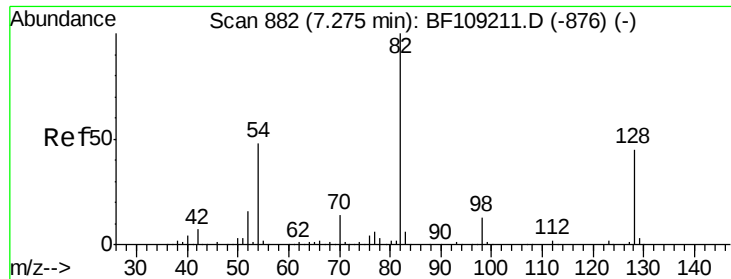
#22
Acetophenone
Concen: 38.736 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion:	105	Resp:	361854
Ion	Ratio	Lower	Upper
105	100		
71	6.9	4.4	6.6#
51	35.3	22.3	33.5#
120	20.8	16.9	25.3



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

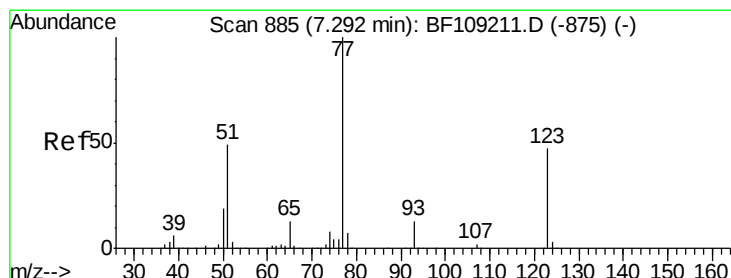
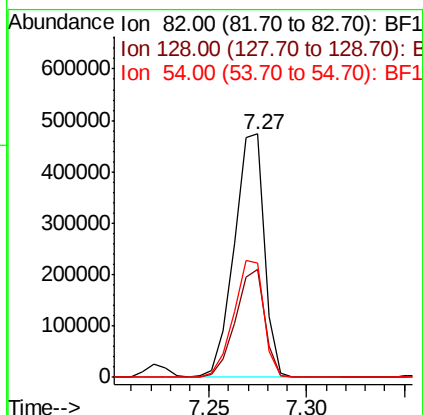
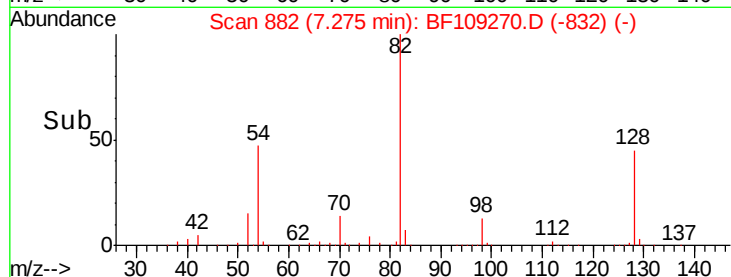
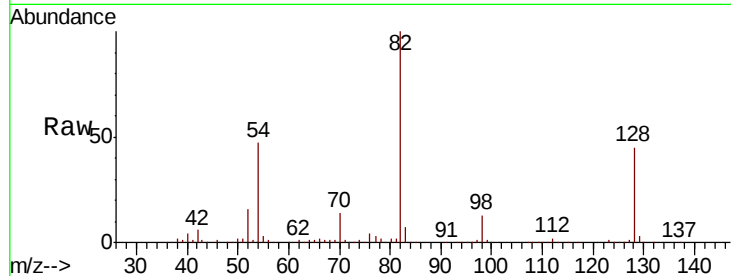




#23
Nitrobenzene-d5
Concen: 73.682 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

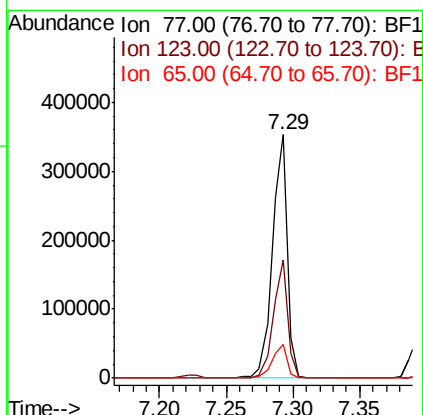
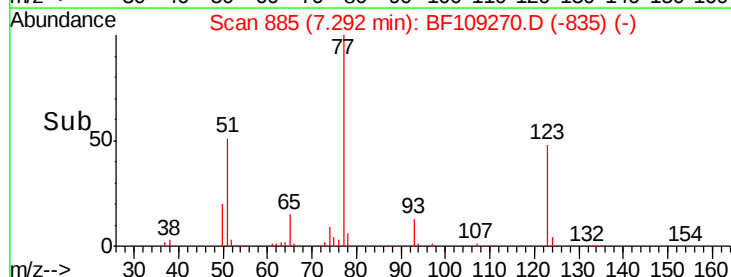
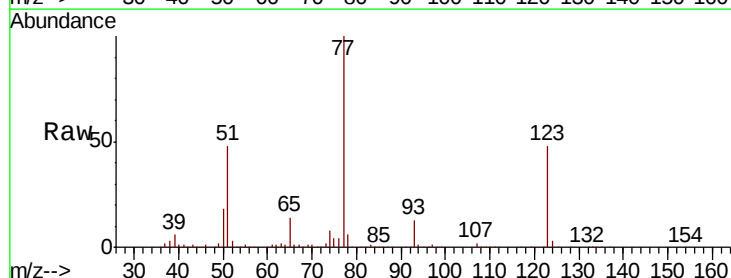
Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

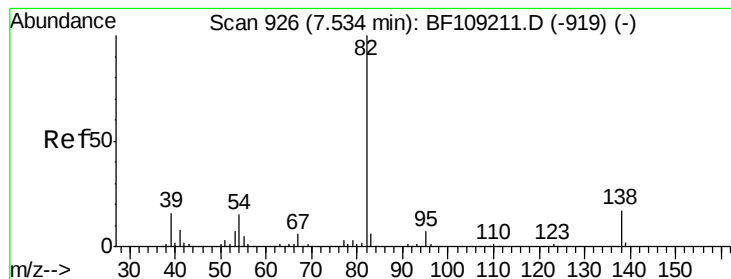
Tgt Ion: 82 Resp: 504327
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 47.2 41.4 62.2



#24
Nitrobenzene
Concen: 37.763 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion: 77 Resp: 274831
Ion Ratio Lower Upper
77 100
123 48.4 37.9 56.9
65 13.7 11.0 16.4





#25

Isophorone

Concen: 40.611 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

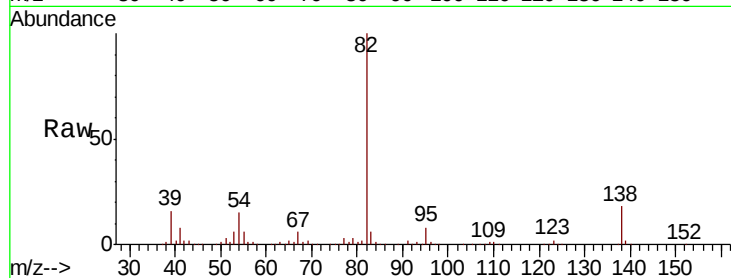
Tgt Ion: 82 Resp: 500543

Ion Ratio Lower Upper

82 100

95 7.5 5.2 7.8

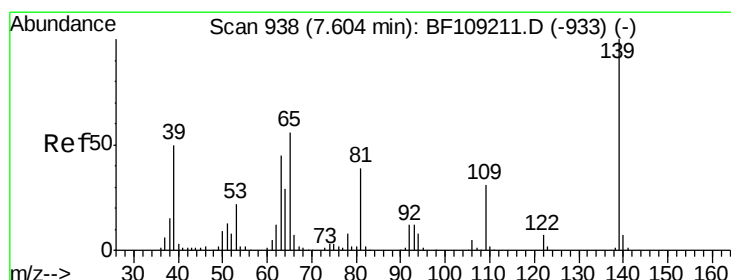
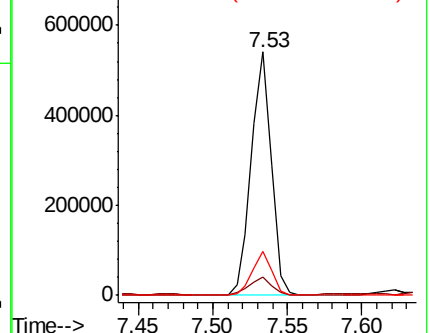
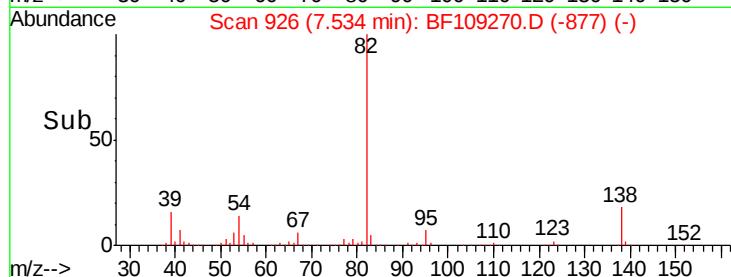
138 18.0 14.9 22.3



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: 43.701 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

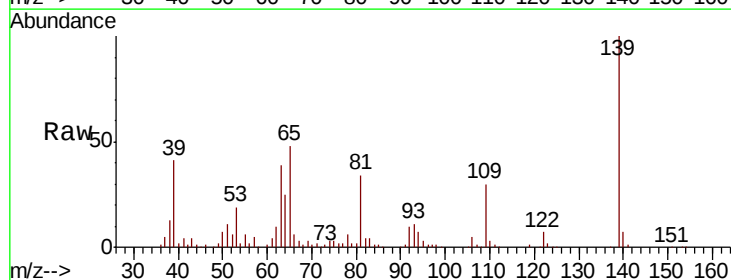
Tgt Ion: 139 Resp: 125775

Ion Ratio Lower Upper

139 100

109 29.6 22.7 34.1

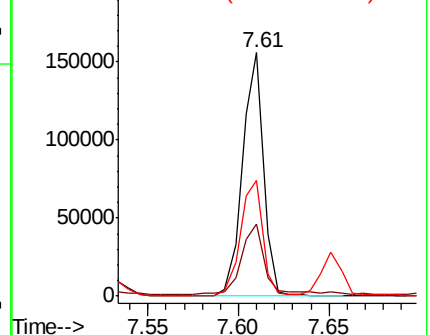
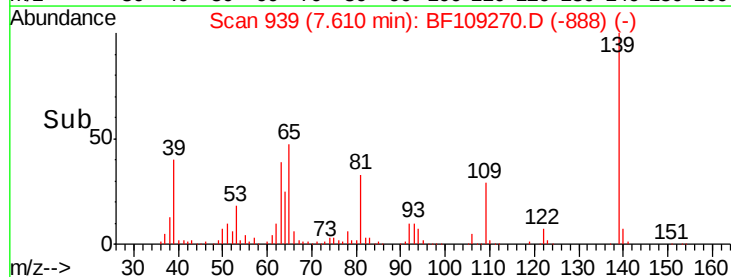
65 47.6 40.5 60.7

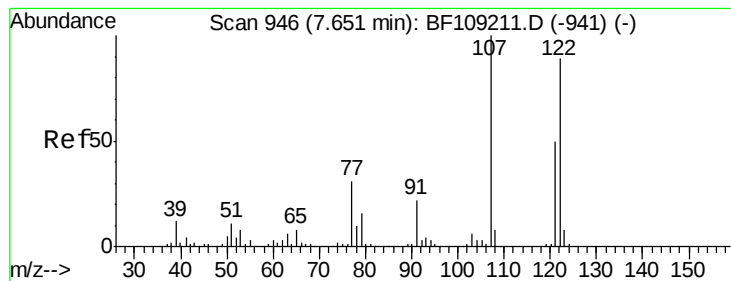


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 41.493 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

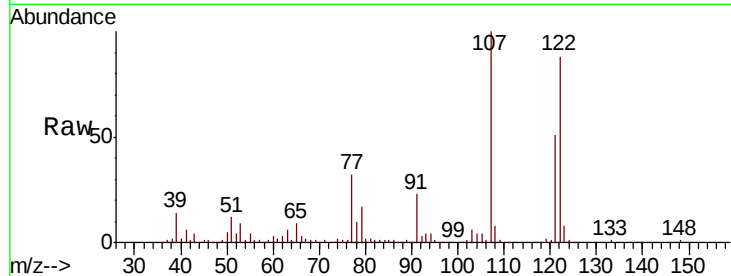
Tgt Ion:122 Resp: 222838

Ion Ratio Lower Upper

122 100

107 113.4 91.2 136.8

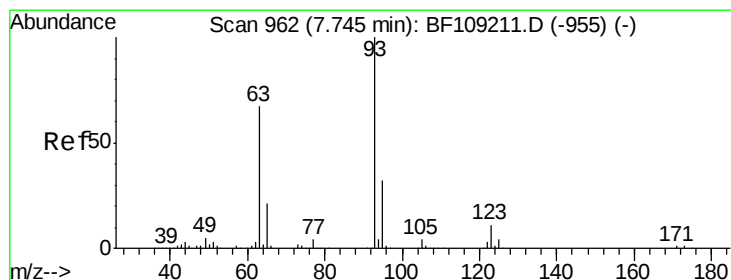
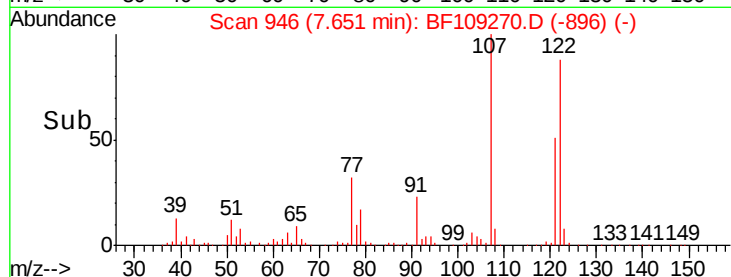
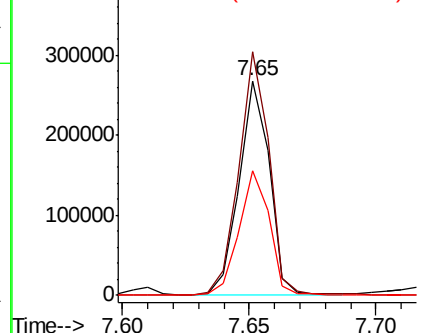
121 57.8 47.2 70.8



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: 37.963 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

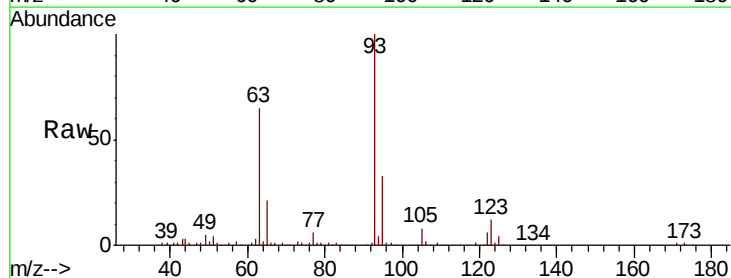
Tgt Ion: 93 Resp: 309743

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

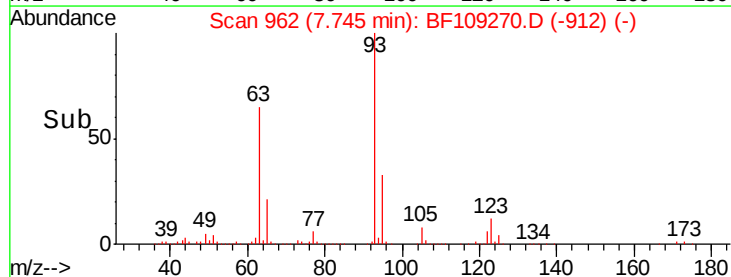
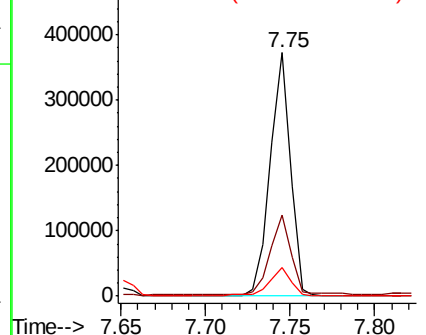
123 11.7 9.8 14.6

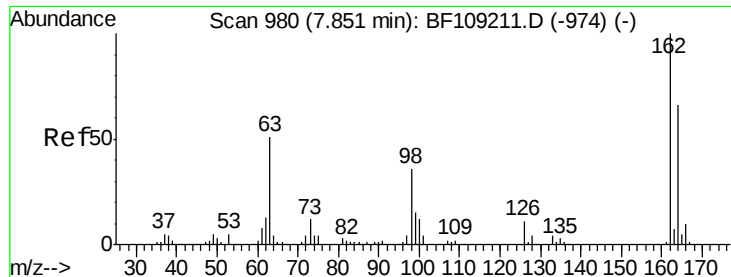


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

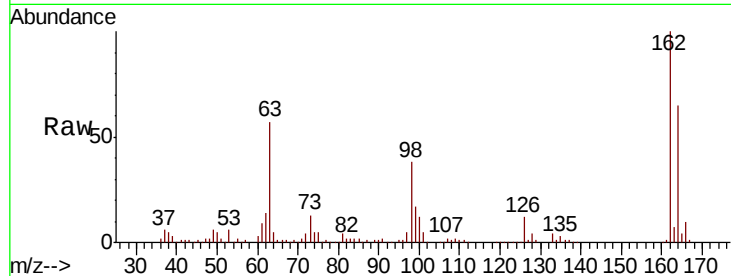




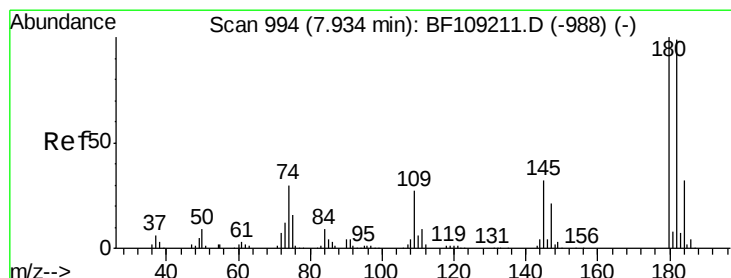
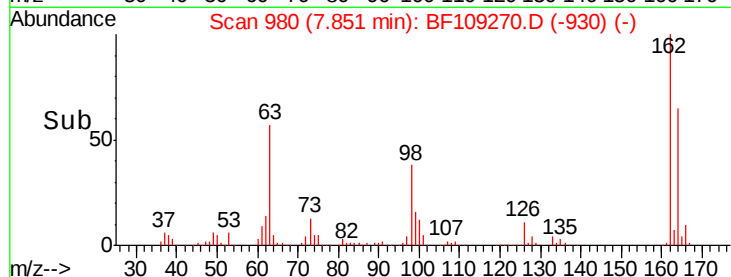
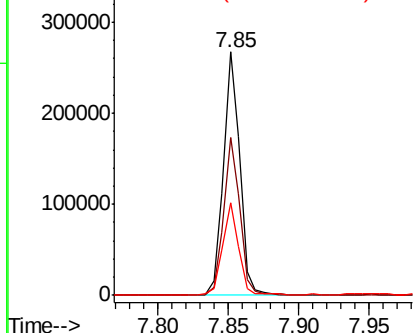
#29
 2,4-Dichlorophenol
 Concen: 38.450 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	42.7	82.7
98	37.9	18.1	58.1

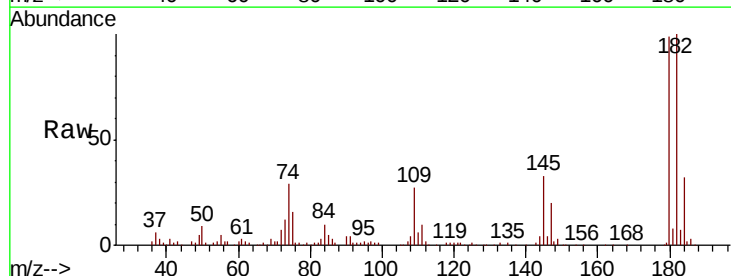


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

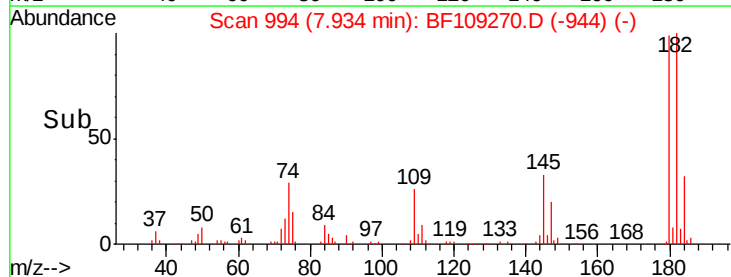
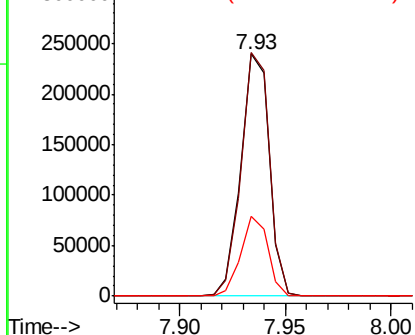


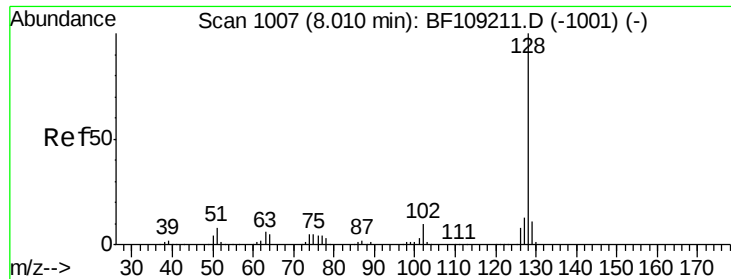
#30
 1,2,4-Trichlorobenzene
 Concen: 35.466 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.6	76.8	115.2
145	33.2	26.5	39.7



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

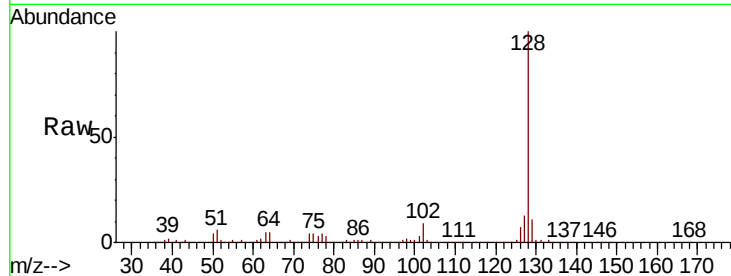




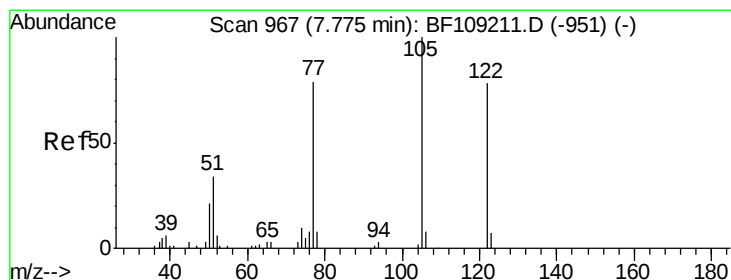
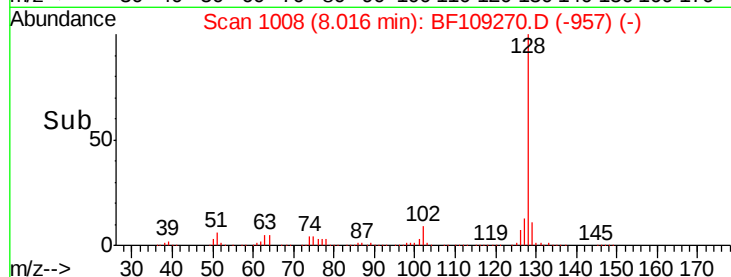
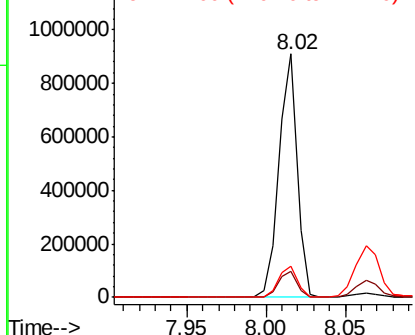
#31
Naphthalene
Concen: 38.752 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

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

Tgt Ion:128 Resp: 731675
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.0 10.9 16.3

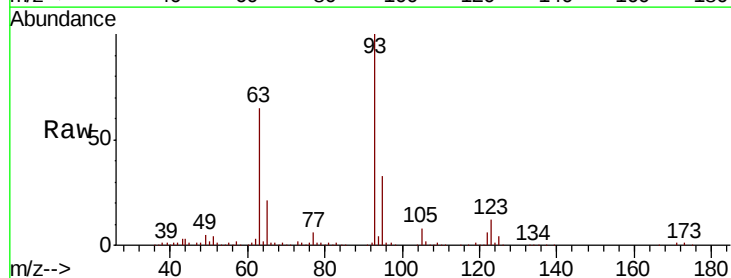


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

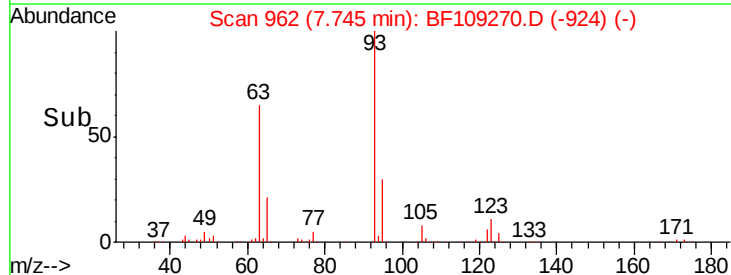
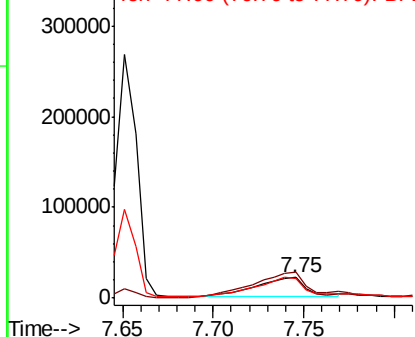


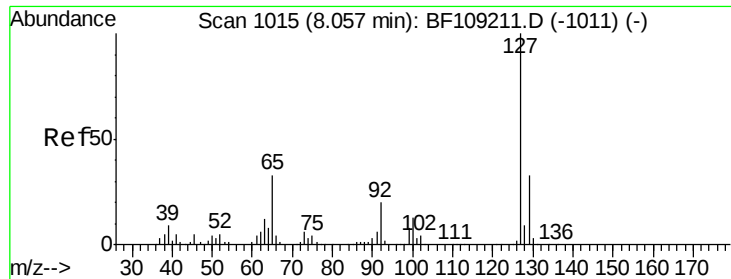
#32
Benzoic acid
Concen: 16.791 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.08 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion:122 Resp: 42491
Ion Ratio Lower Upper
122 100
105 129.6 101.1 141.1
77 99.1 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

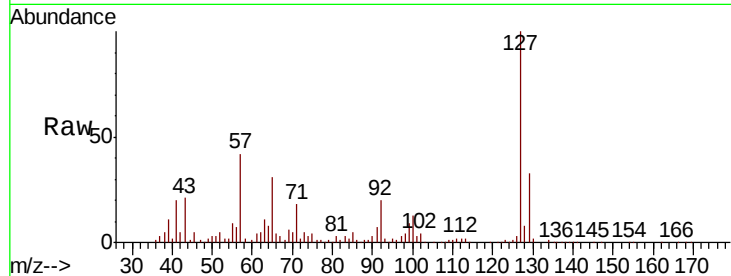




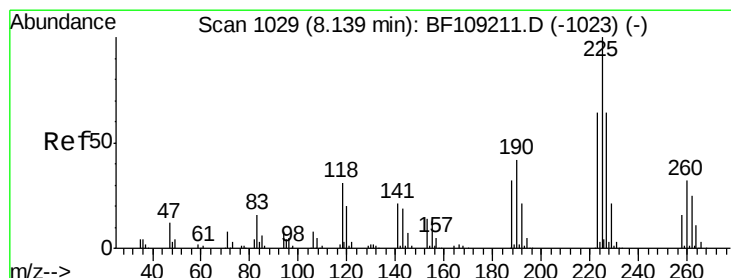
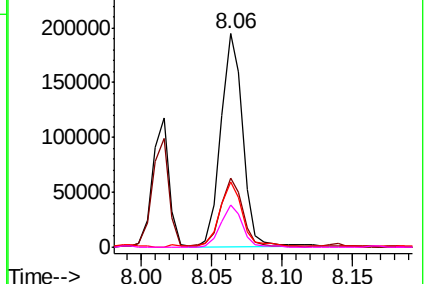
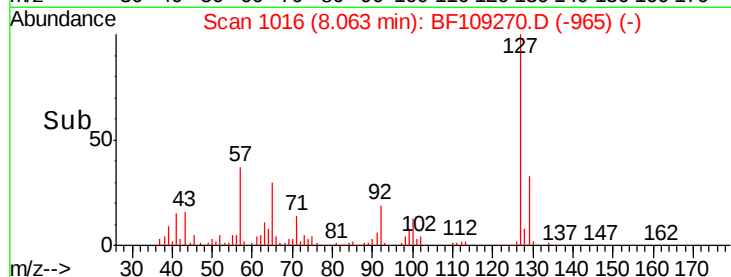
#33
4-Chloroaniline
Concen: 25.647 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

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

Tgt Ion:	127	Resp:	211542
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	30.6	25.0	37.4
92	19.8	15.2	22.8

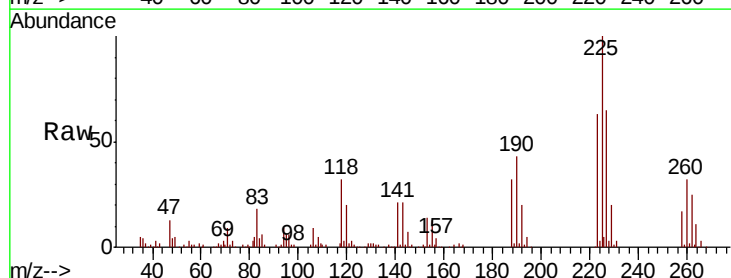


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

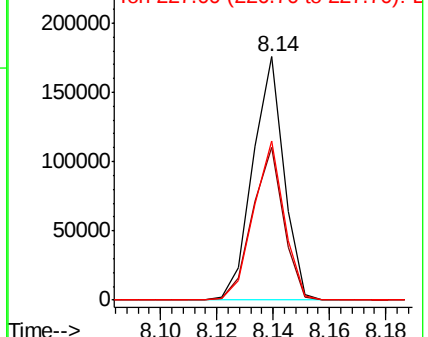
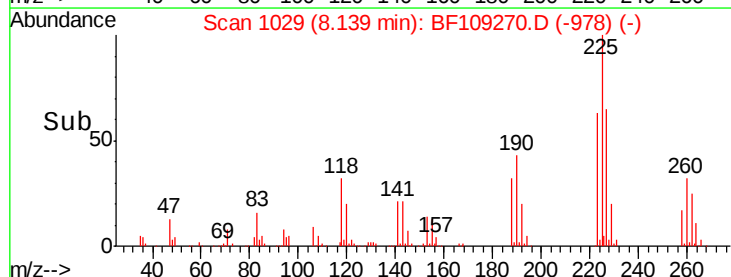


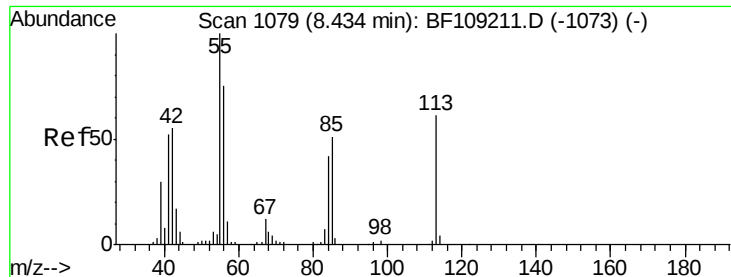
#34
Hexachlorobutadiene
Concen: 35.337 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion:	225	Resp:	134315
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	65.4	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

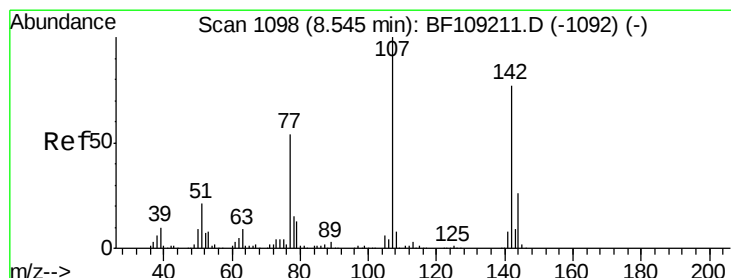
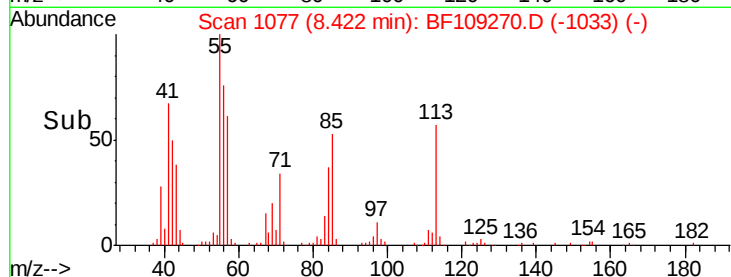
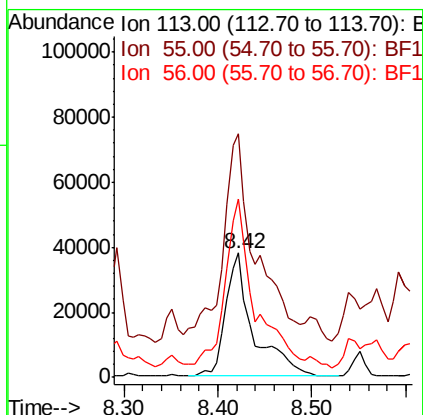
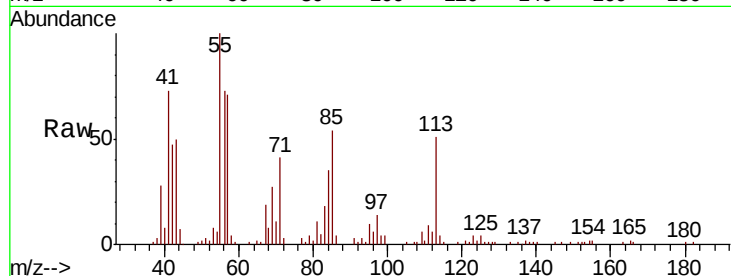




#35
 Caprolactam
 Concen: 43.227 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

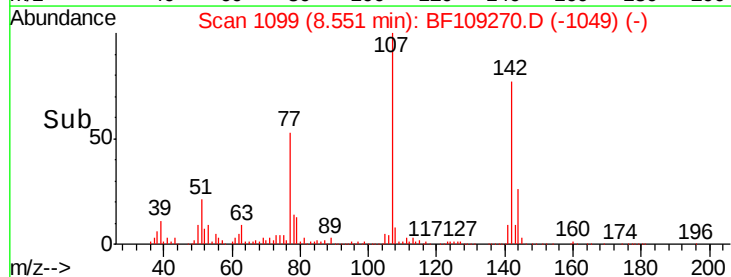
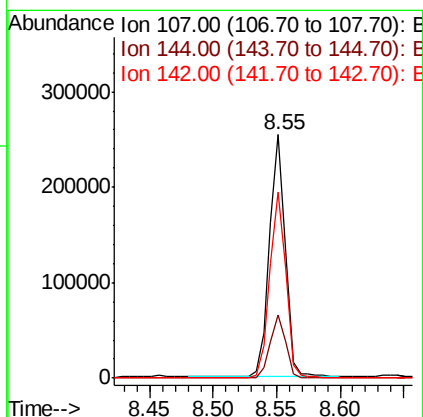
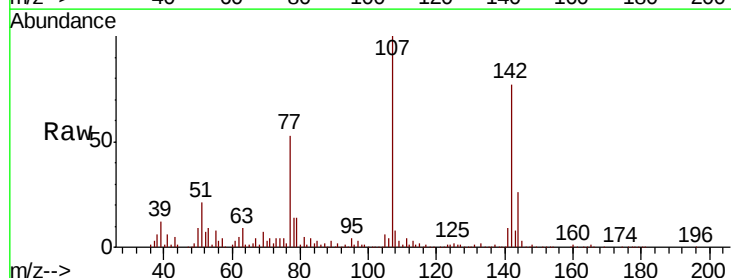
Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

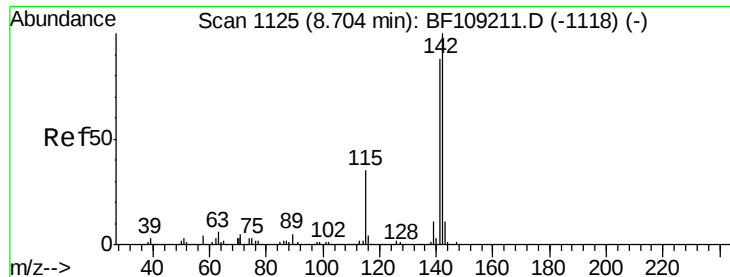
Tgt Ion:113 Resp: 77873
 Ion Ratio Lower Upper
 113 100
 55 196.2 163.3 203.3
 56 144.0 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.461 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion:107 Resp: 222431
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 76.5 62.0 93.0

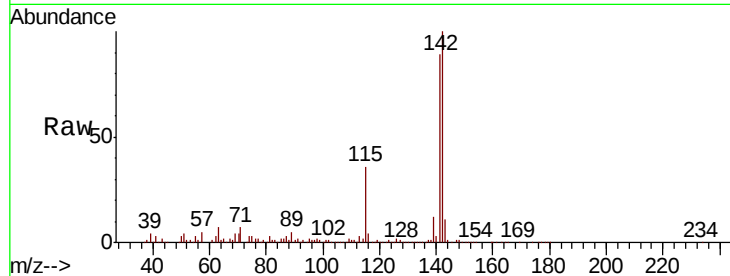




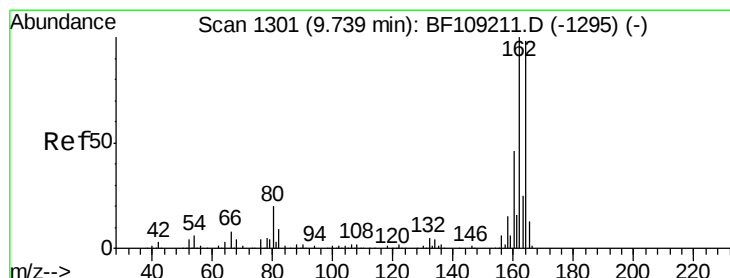
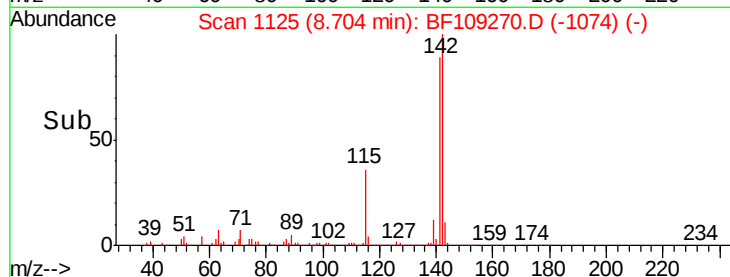
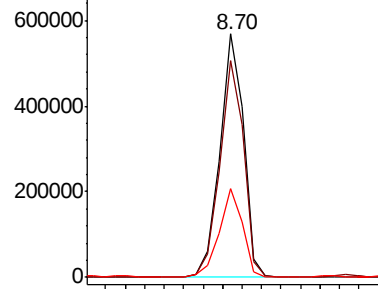
#37
2-Methylnaphthalene
Concen: 39.253 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

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

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	36.3	26.1	39.1

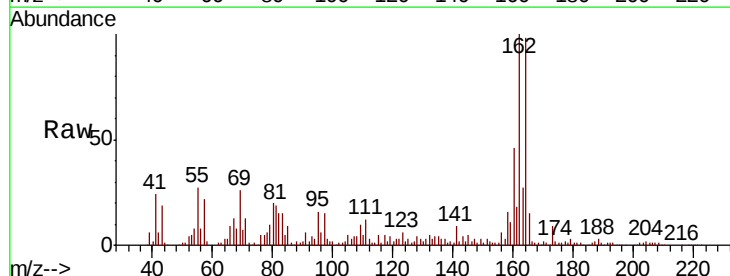


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

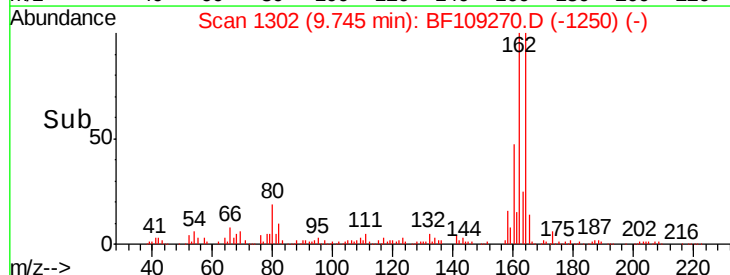
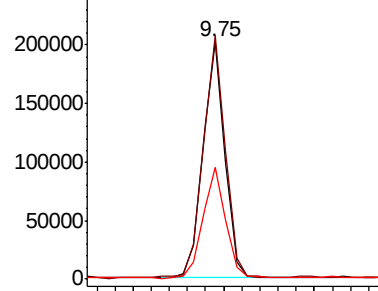


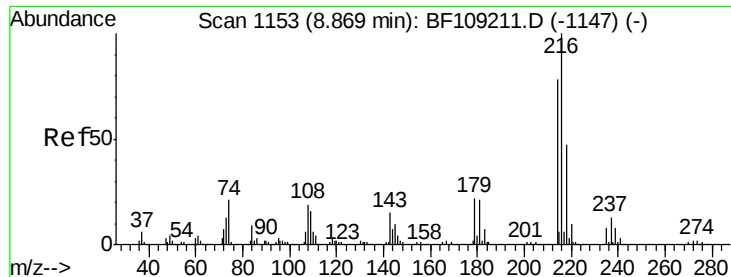
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	46.9	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

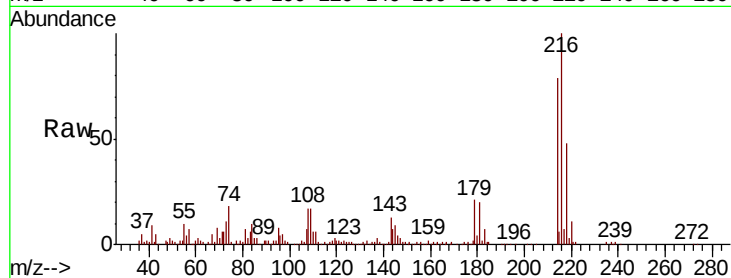




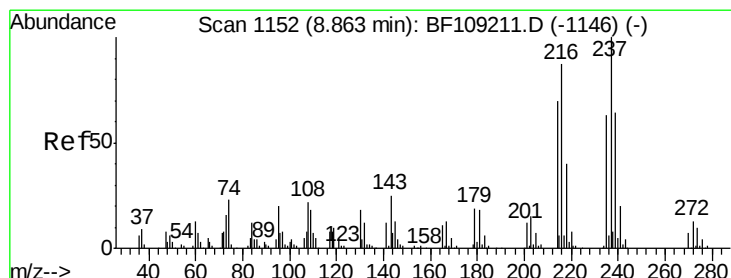
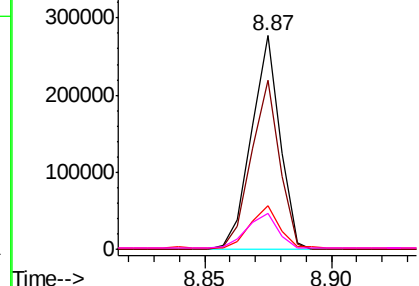
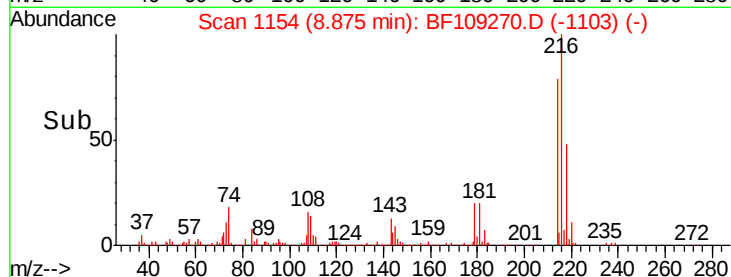
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.386 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

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

Tgt Ion:	216	Resp:	216508
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	21.5	18.1	27.1
108	17.7	17.2	25.8

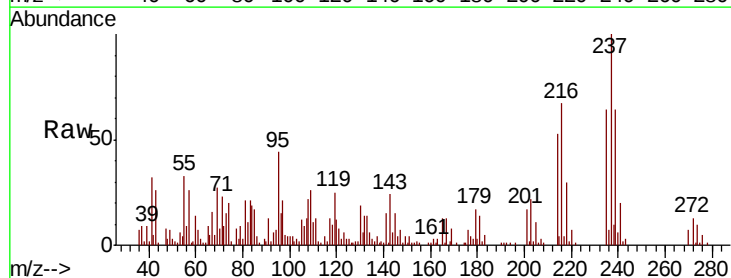


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

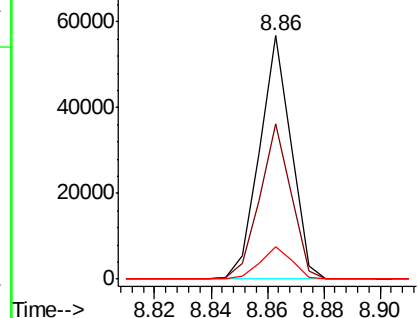
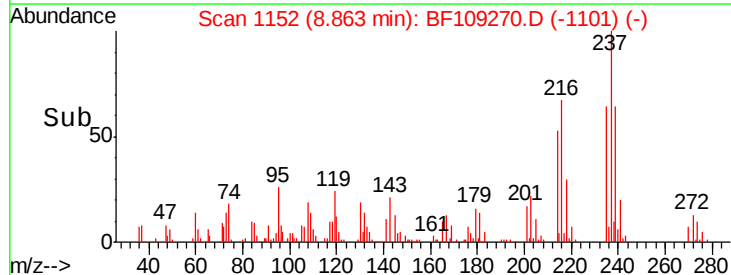


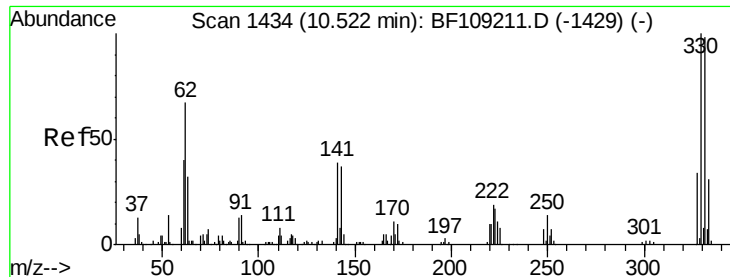
#40
 Hexachlorocyclopentadiene
 Concen: 18.853 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion:	237	Resp:	44084
Ion	Ratio	Lower	Upper
237	100		
235	63.8	44.8	84.8
272	13.3	0.0	33.3



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

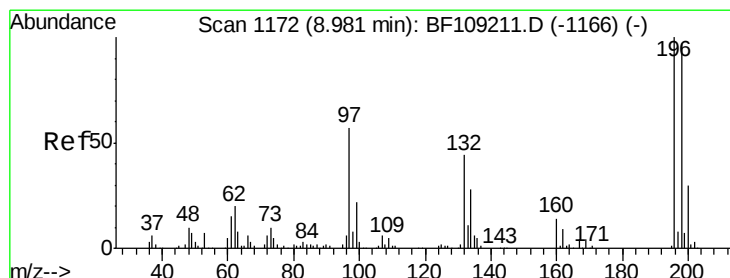
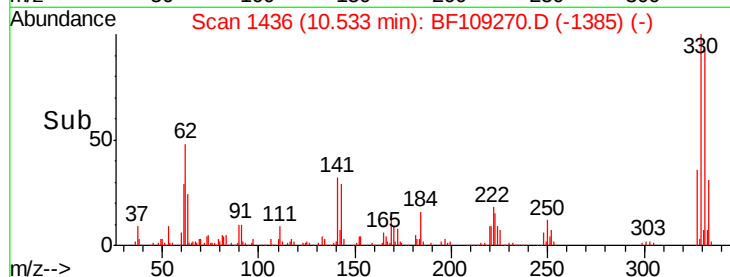
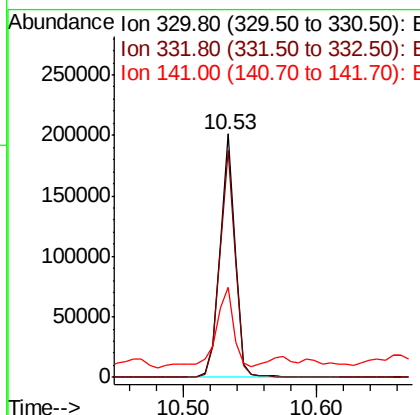
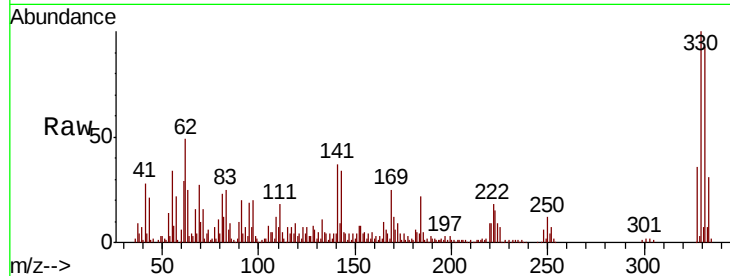




#41
 2,4,6-Tribromophenol
 Concen: 98.141 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

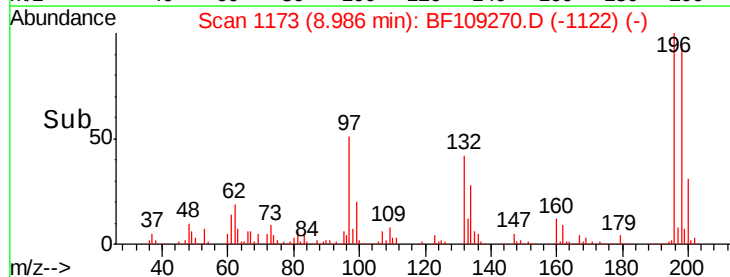
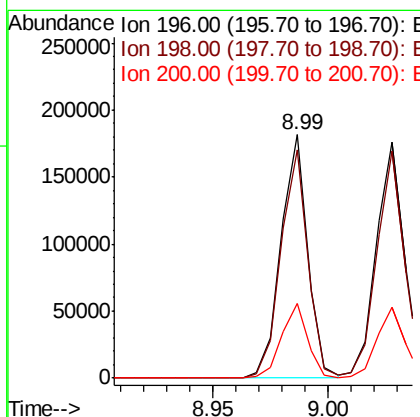
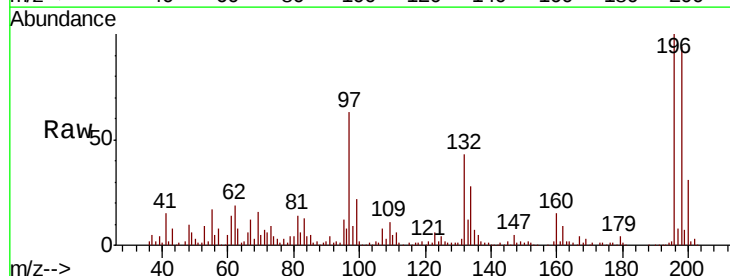
Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

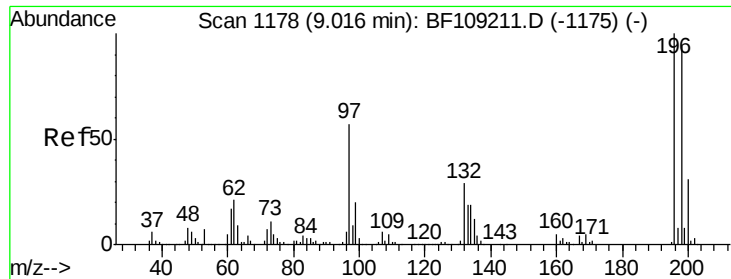
Tgt Ion: 330 Resp: 162968
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 38.8 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 42.225 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion: 196 Resp: 145282
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.7 113.5
 200 30.7 24.5 36.7

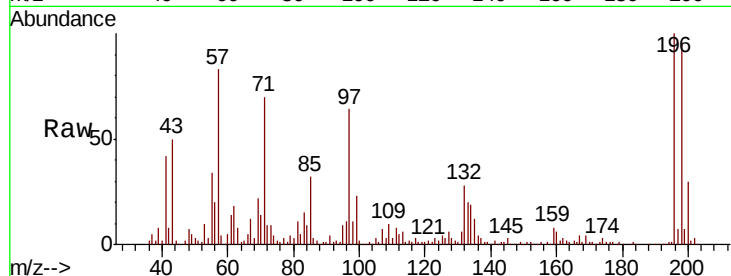




#43
 2,4,5-Trichlorophenol
 Concen: 41.015 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

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

Tgt Ion:	196	Resp:	149040
Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.6	112.0
97	64.2	42.9	64.3
132	28.1	26.3	39.5



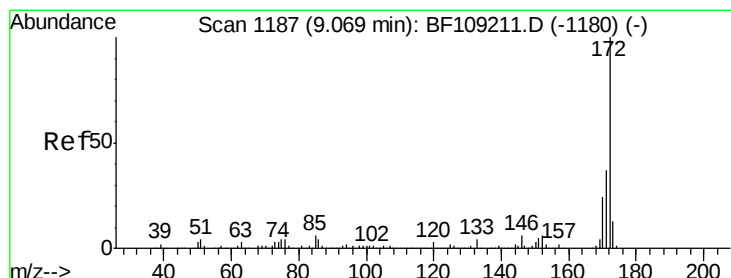
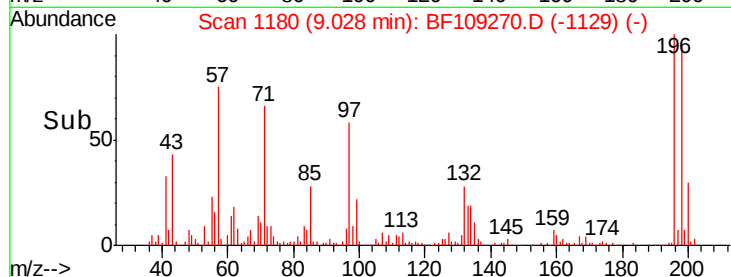
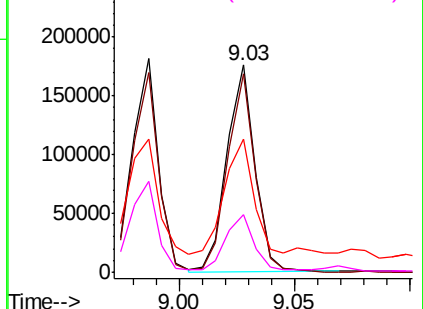
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

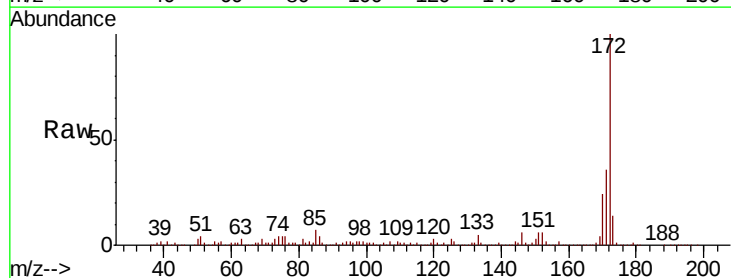
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.278 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion:	172	Resp:	885450
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.2	19.6	29.4

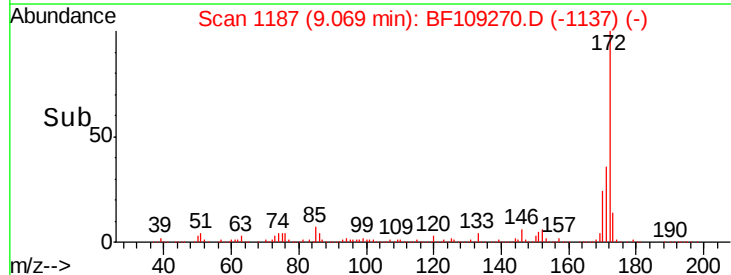
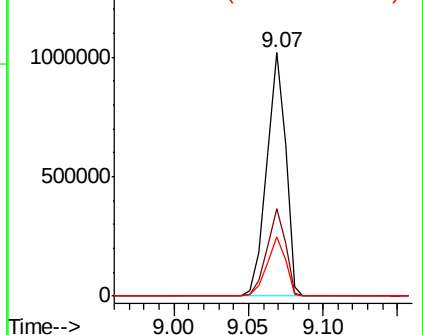


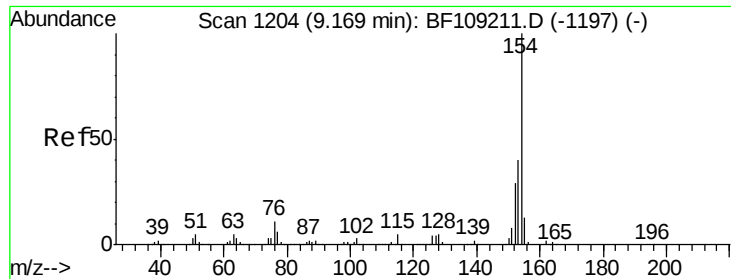
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

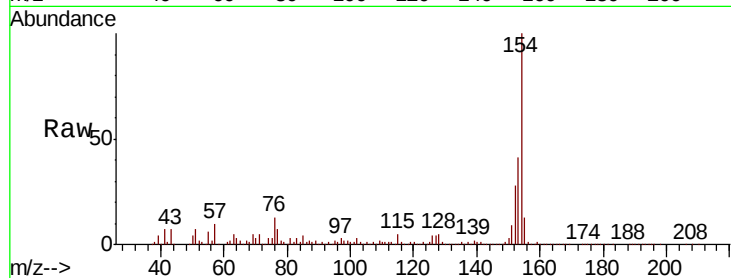




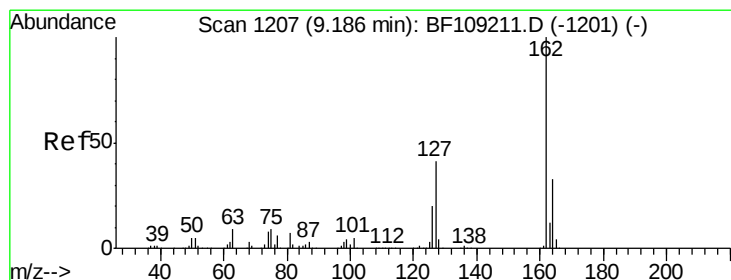
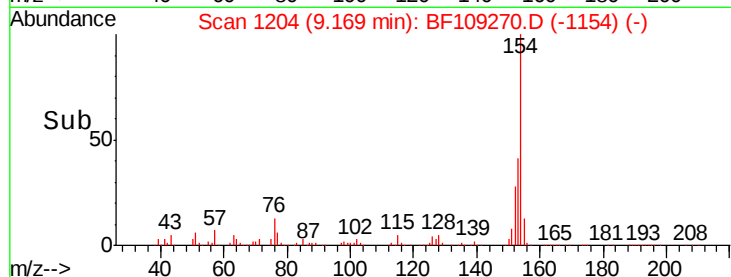
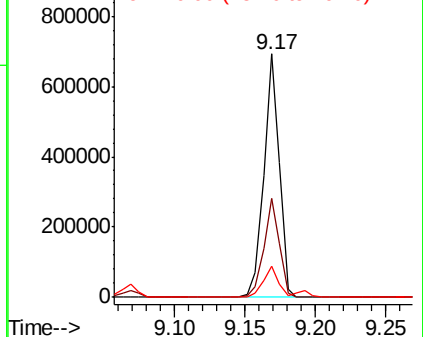
#45
 1,1'-Biphenyl
 Concen: 39.342 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

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

Tgt Ion:	154	Resp:	539951
Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	12.6	0.0	34.0

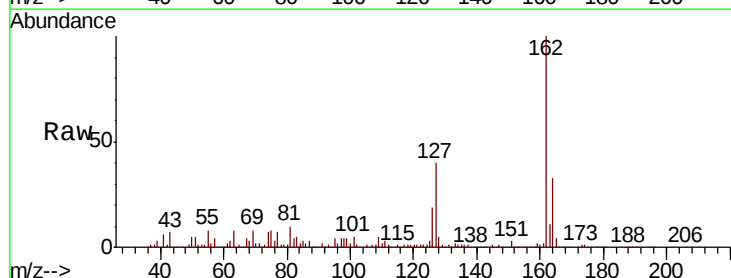


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

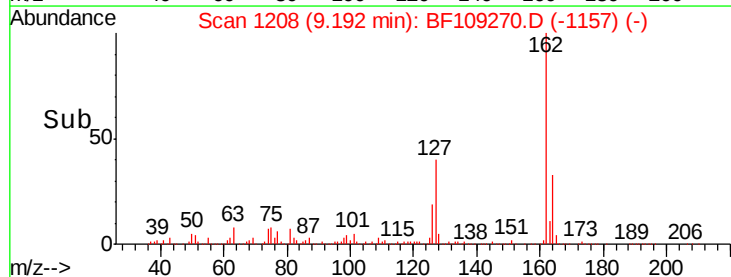
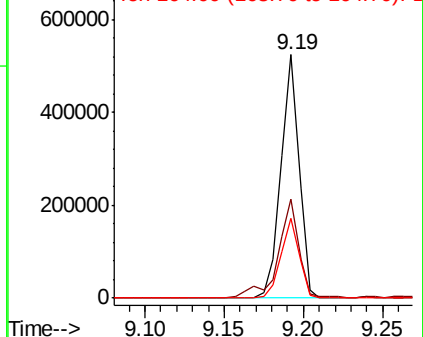


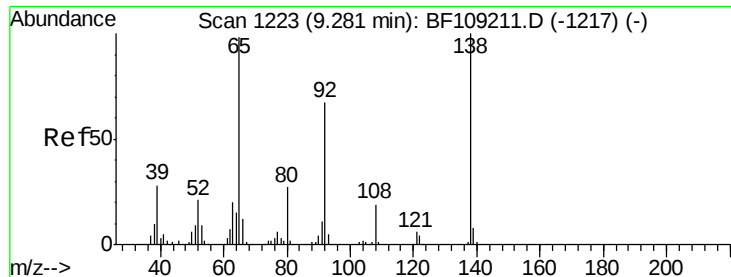
#46
 2-Chloronaphthalene
 Concen: 38.213 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion:	162	Resp:	418972
Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.9	50.9
164	32.8	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: 41.146 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

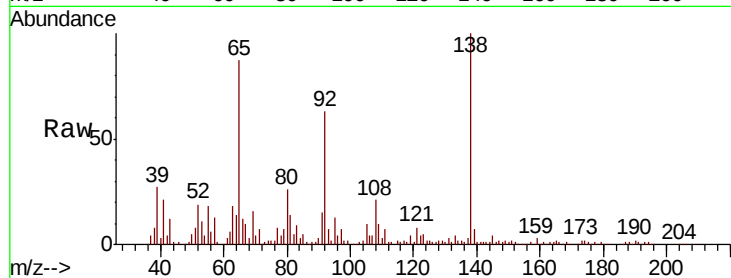
Tgt Ion: 65 Resp: 127906

Ion Ratio Lower Upper

65 100

92 72.3 55.8 83.6

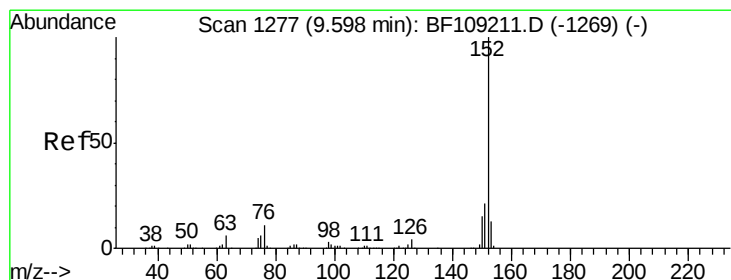
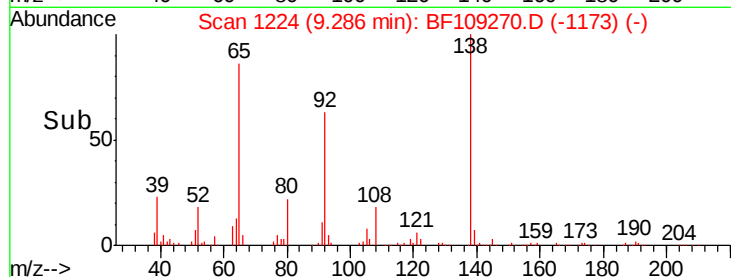
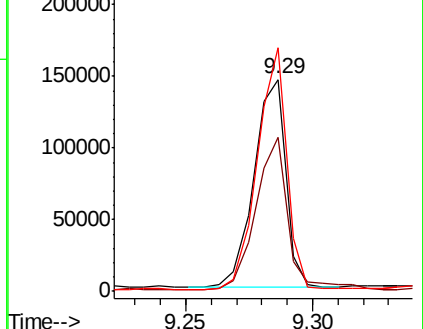
138 114.7 91.2 136.8



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: 38.558 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

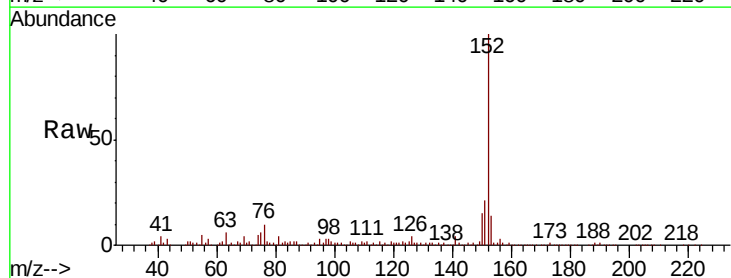
Tgt Ion: 152 Resp: 637764

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

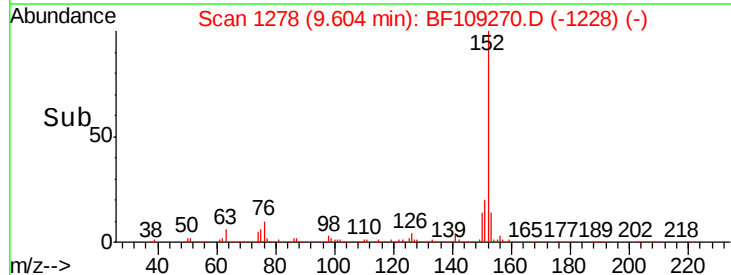
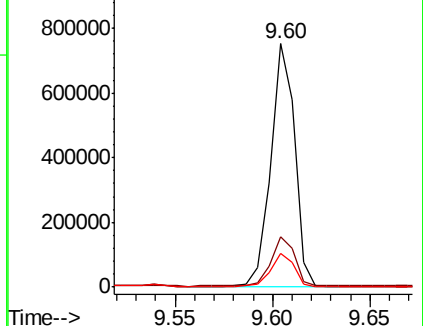
153 13.9 10.7 16.1

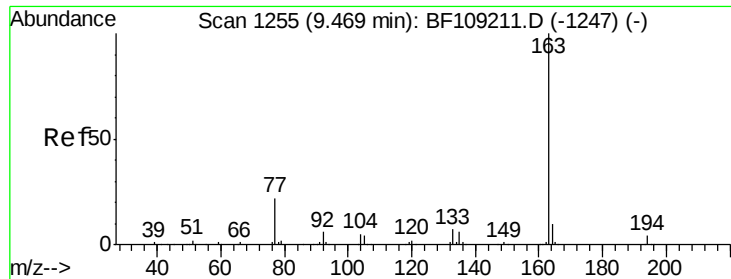


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

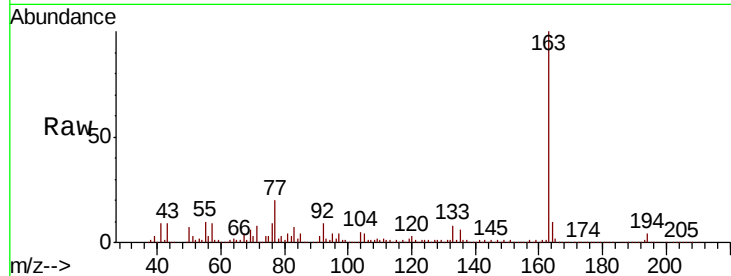




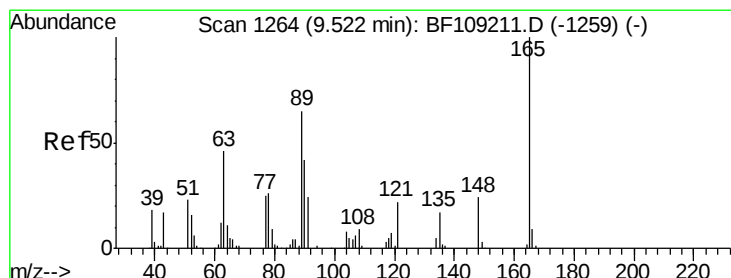
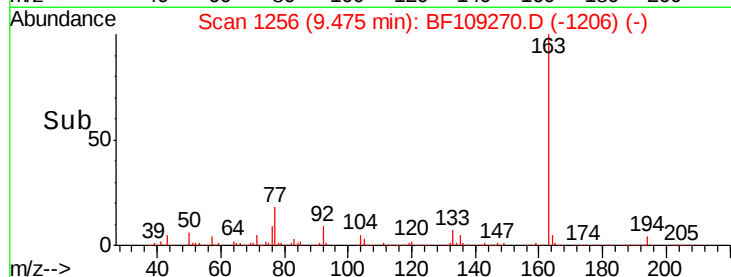
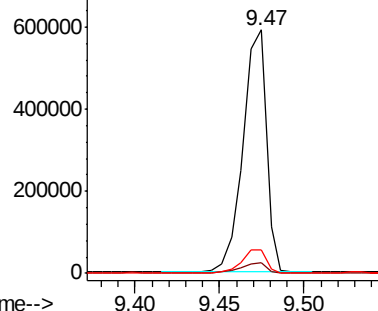
#49
Dimethylphthalate
Concen: 46.356 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

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

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.9	8.2	12.2

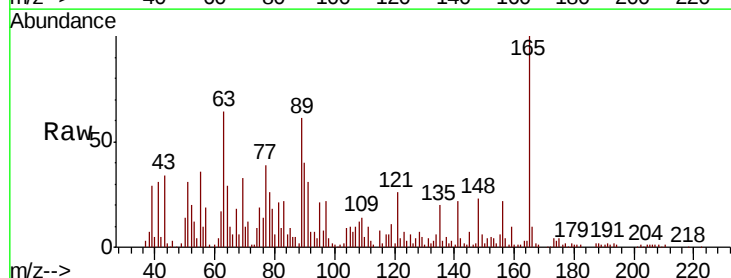


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

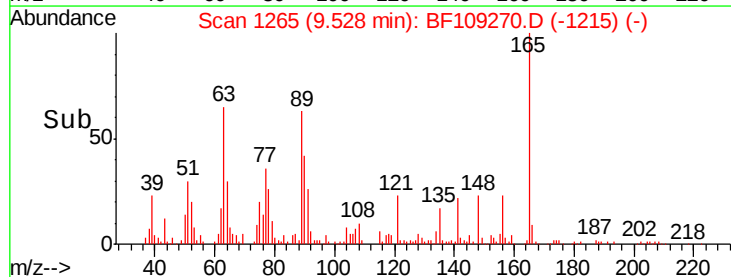
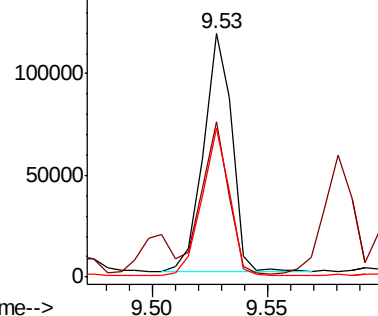


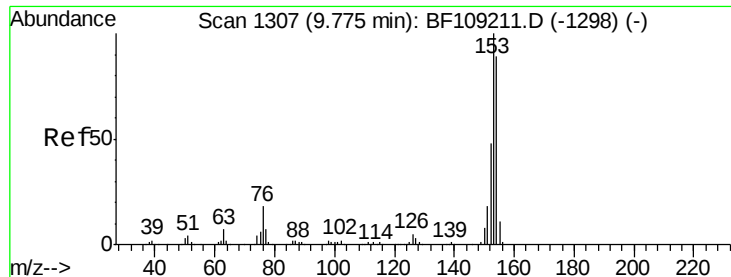
#50
2,6-Dinitrotoluene
Concen: 41.106 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.9	44.7	67.1
89	61.3	44.0	66.0



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





#51

Acenaphthene

Concen: 36.945 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

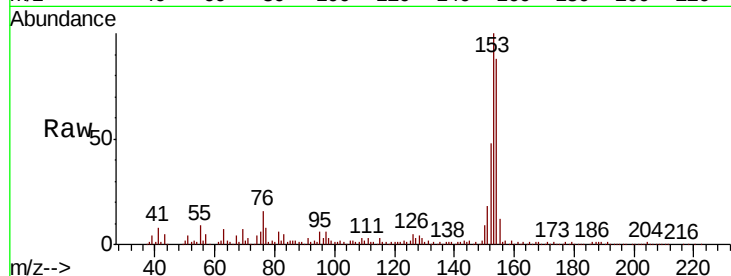
Tgt Ion:154 Resp: 369464

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

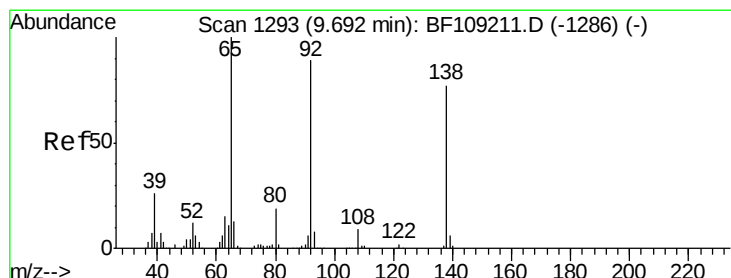
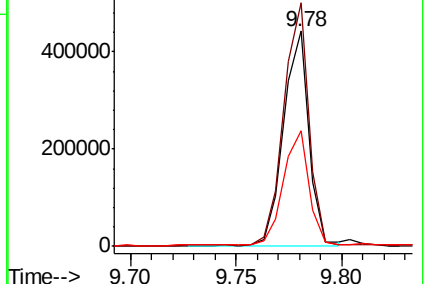
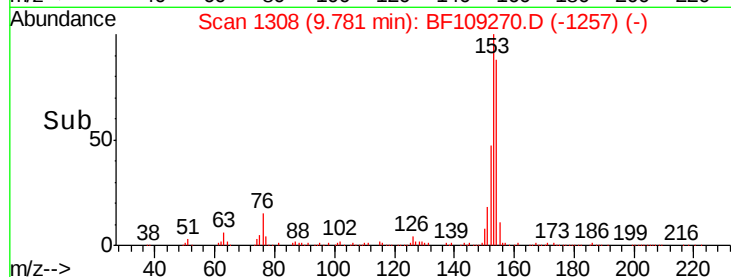
152 53.8 43.8 65.8



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: 34.918 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

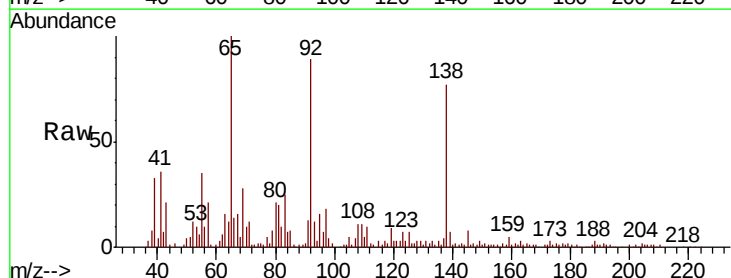
Tgt Ion:138 Resp: 98122

Ion Ratio Lower Upper

138 100

108 13.7 9.4 14.0

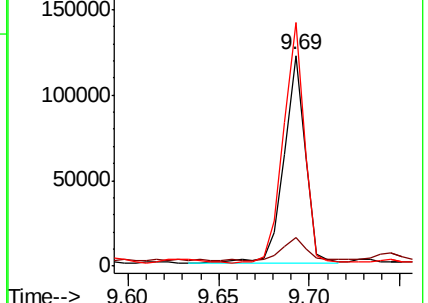
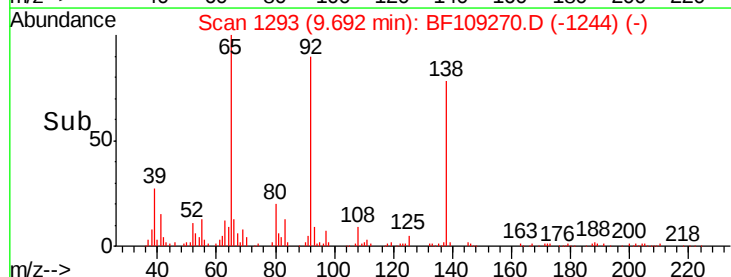
92 115.8 89.4 134.2

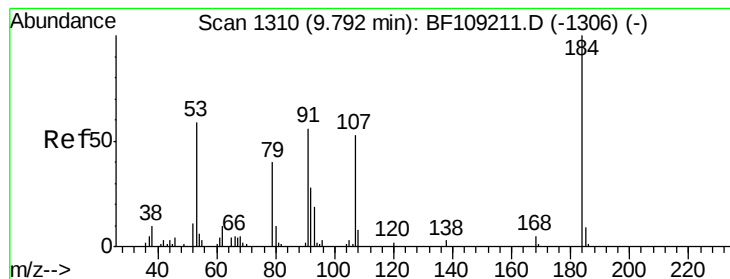


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#53

2,4-Dinitrophenol

Concen: 24.396 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

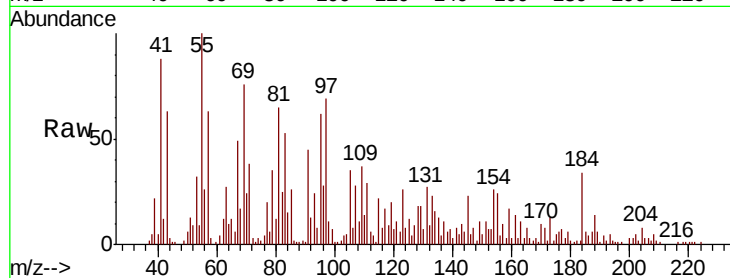
Tgt Ion:184 Resp: 15302

Ion Ratio Lower Upper

184 100

63 80.1 54.2 81.2

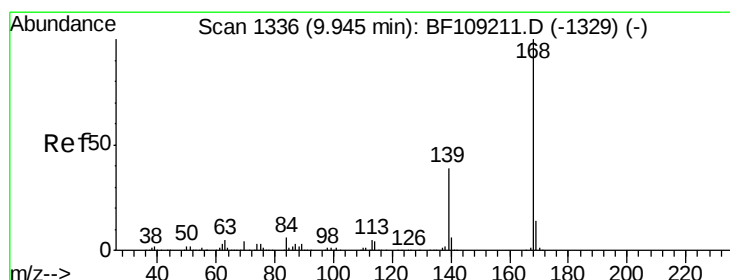
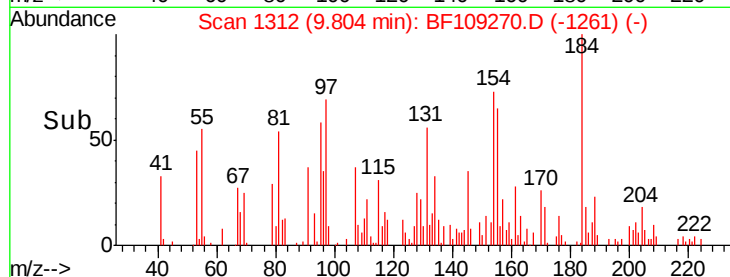
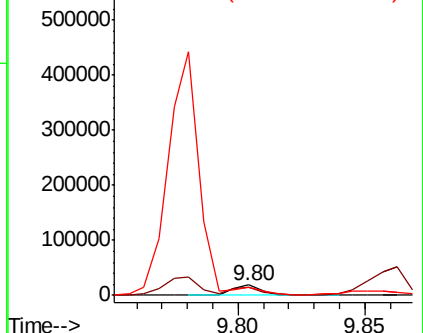
154 77.8 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 35.050 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

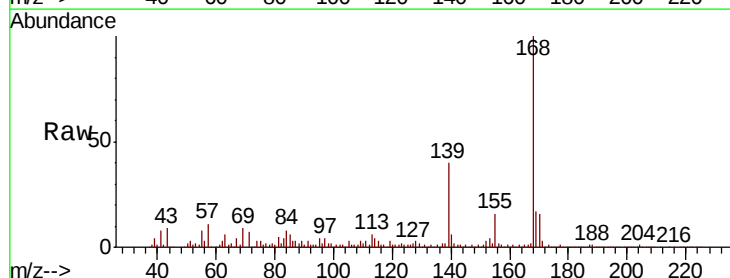
Tgt Ion:168 Resp: 521270

Ion Ratio Lower Upper

168 100

139 40.3 30.1 45.1

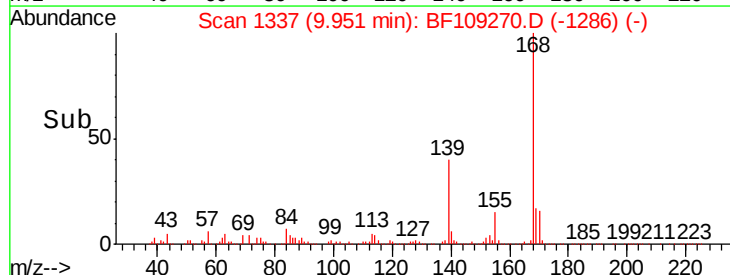
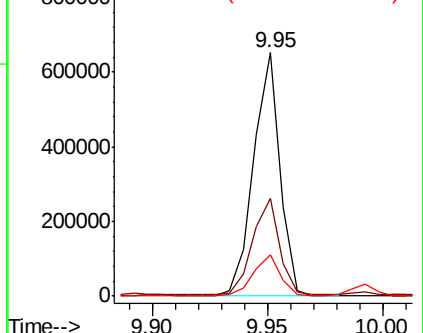
169 16.9 10.9 16.3#

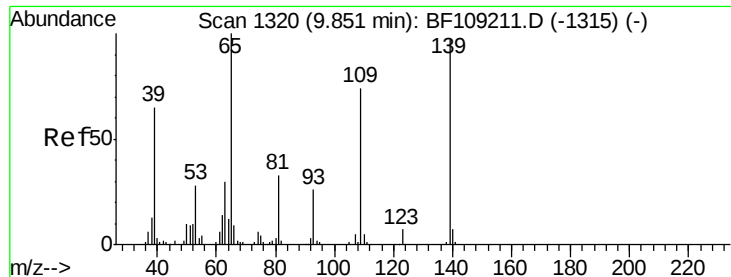


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

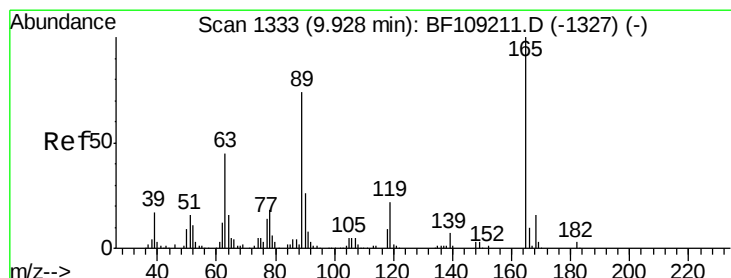
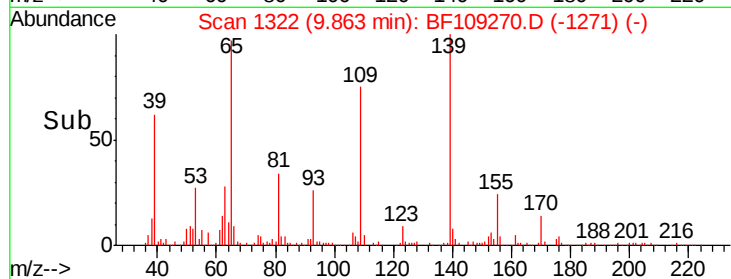
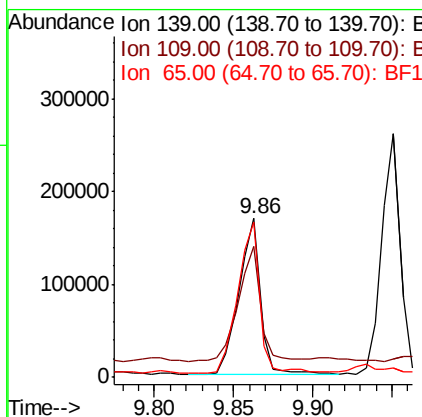
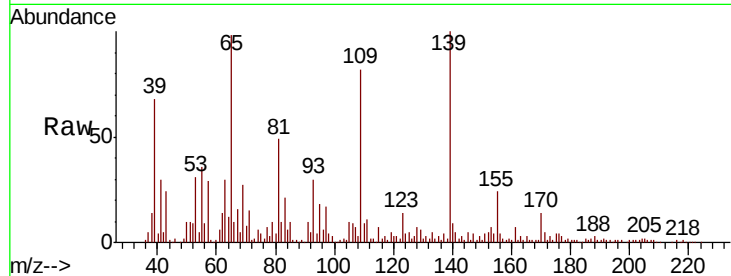




#55
4-Nitrophenol
Concen: 76.235 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

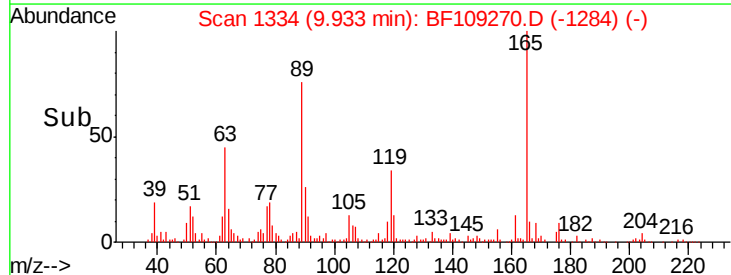
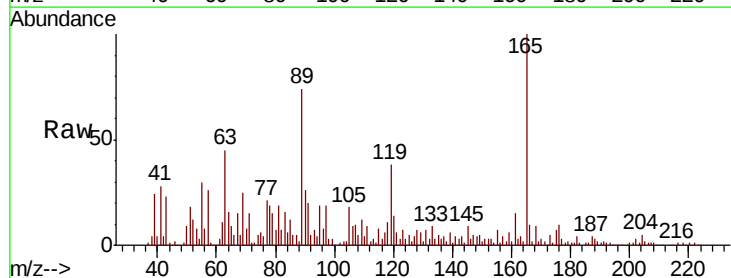
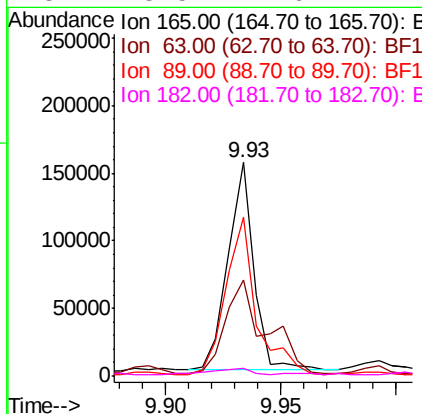
Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

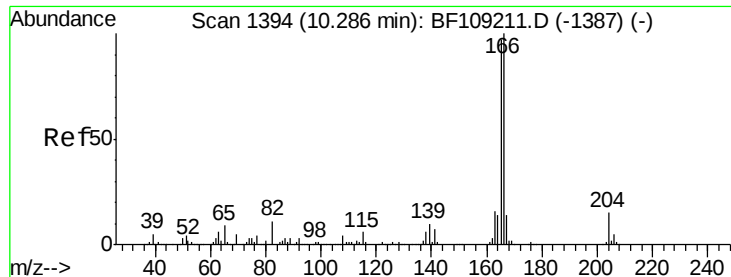
Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.5	48.4	88.4
65	97.9	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 39.142 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.2	36.4	54.6
89	74.1	57.8	86.6
182	3.5	1.6	2.4#





#57

Fluorene

Concen: 37.528 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

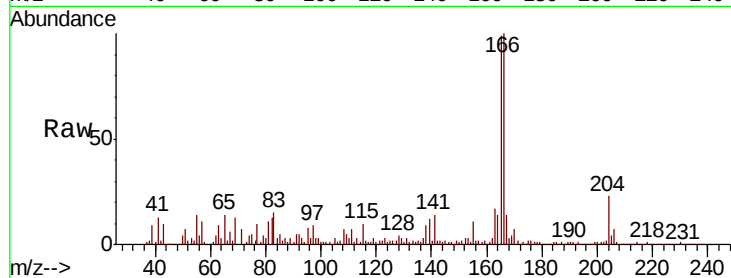
Tgt Ion:166 Resp: 398227

Ion Ratio Lower Upper

166 100

165 98.8 79.8 119.8

167 14.5 10.6 16.0

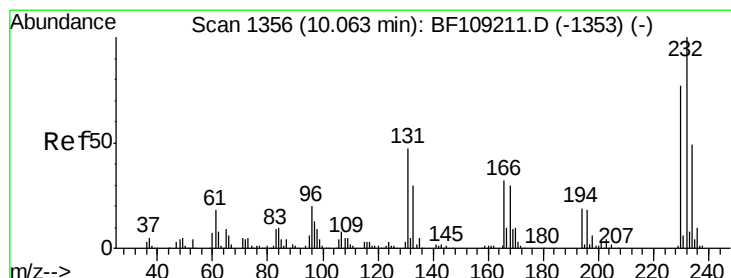
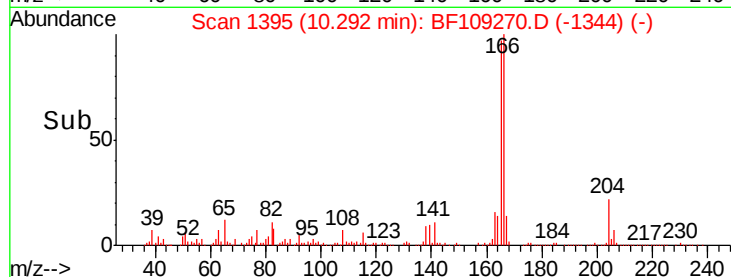
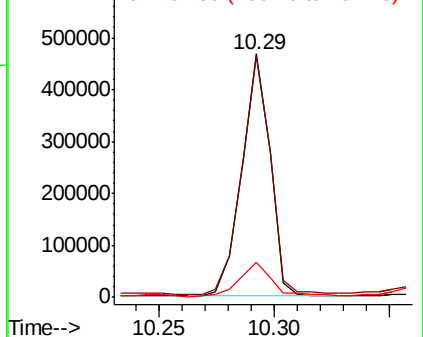


Abundance

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: 35.956 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Tgt Ion:232 Resp: 103453

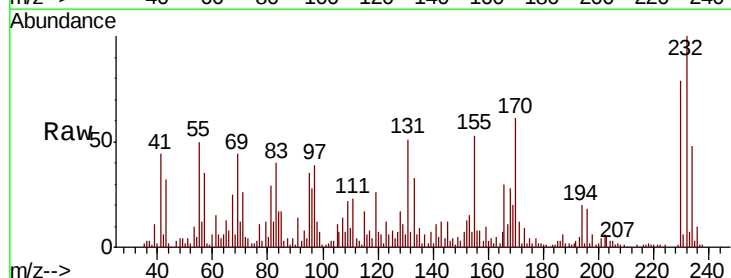
Ion Ratio Lower Upper

232 100

131 50.8 43.8 65.8

130 8.9 2.1 3.1#

166 31.0 27.8 41.6



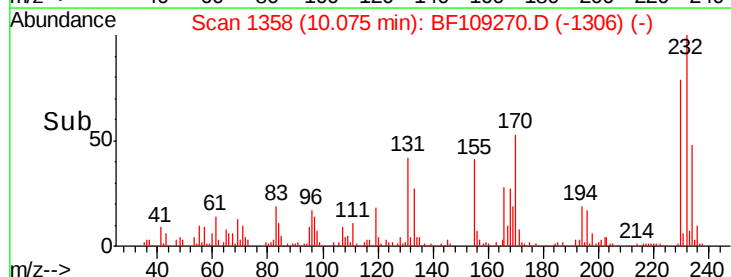
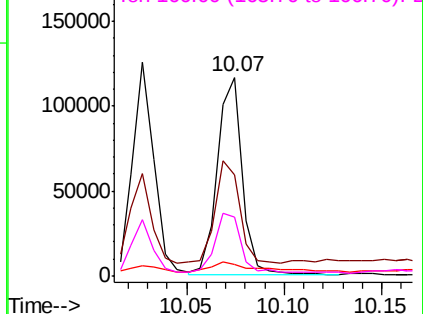
Abundance

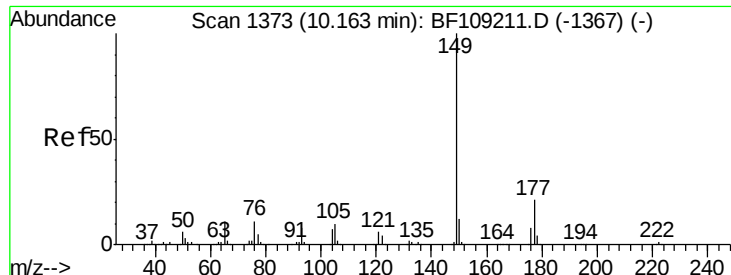
Ion 232.00 (231.70 to 232.70): E

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

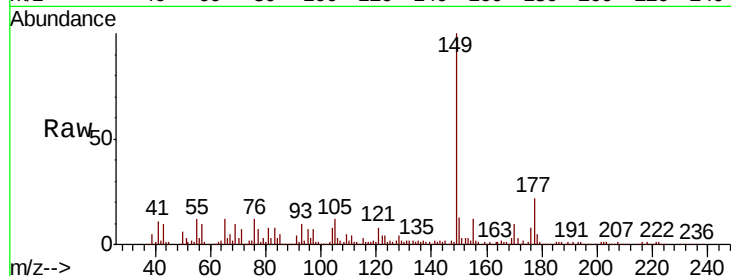




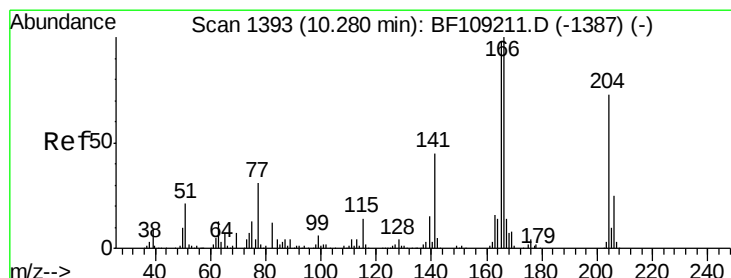
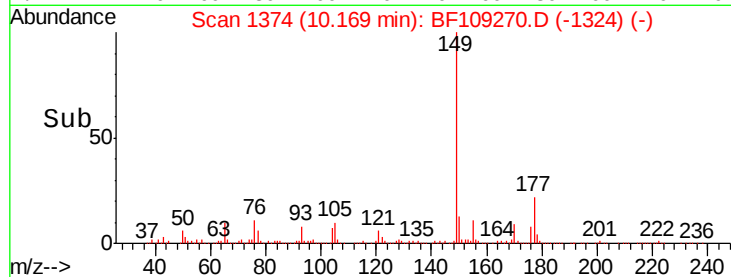
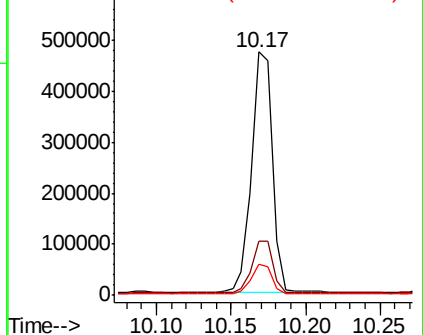
#59
Diethylphthalate
Concen: 36.298 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

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

Tgt Ion:149 Resp: 450336
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.9 10.1 15.1

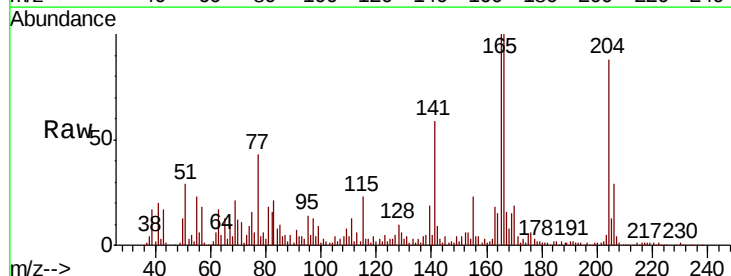


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

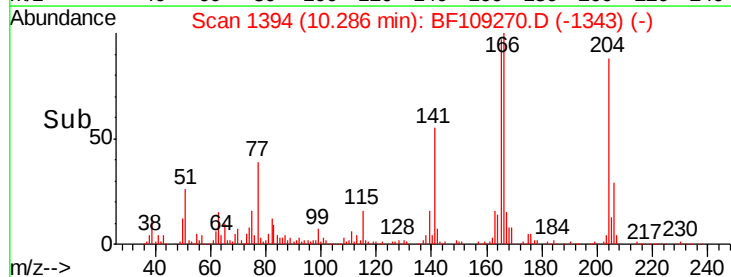
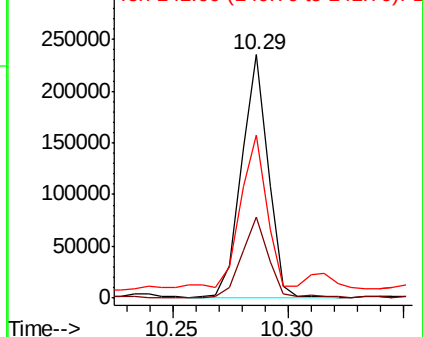


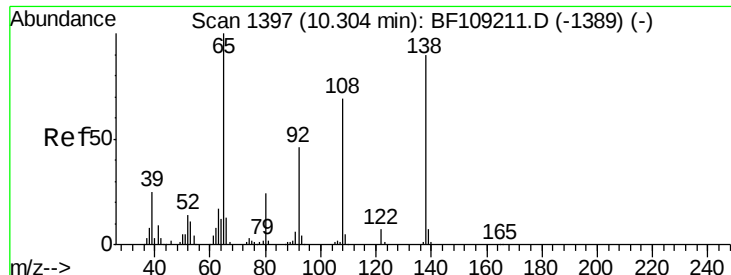
#60
4-Chlorophenyl-phenylether
Concen: 33.747 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion:204 Resp: 187037
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 67.1 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

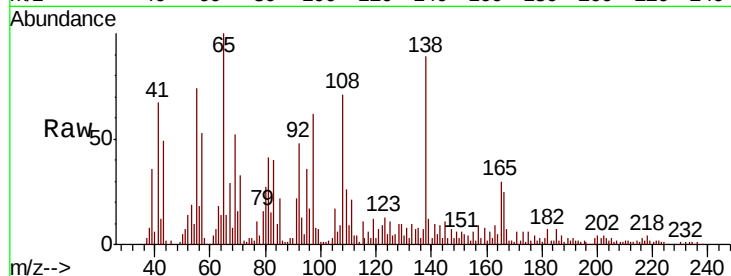




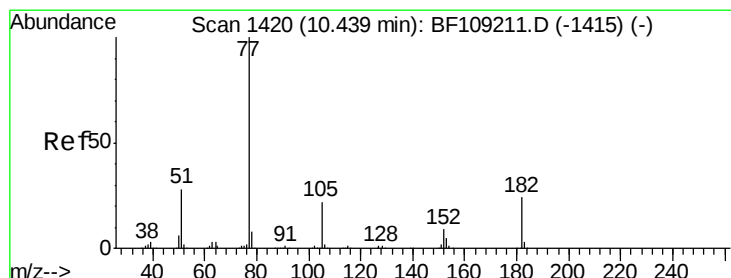
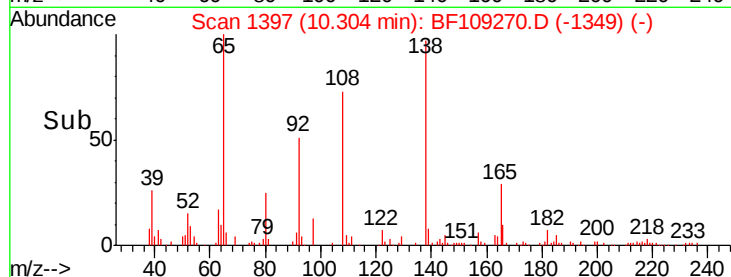
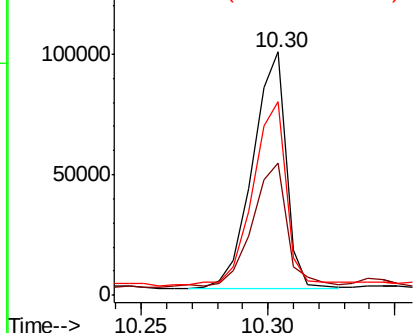
#61
4-Nitroaniline
Concen: 33.071 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

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

Tgt Ion:138 Resp: 90630
Ion Ratio Lower Upper
138 100
92 54.2 30.2 70.2
108 79.7 52.5 92.5

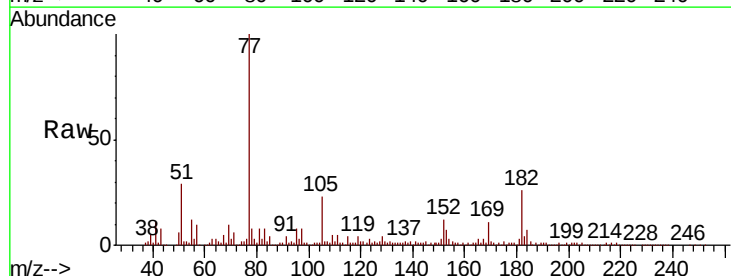


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

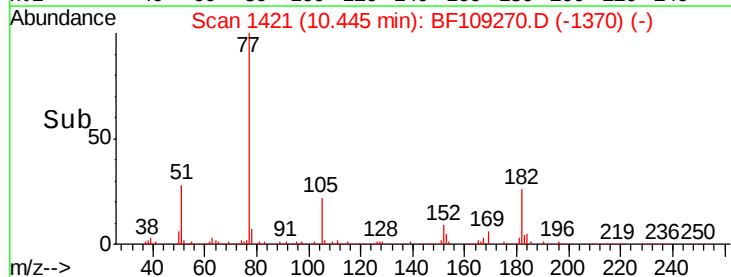
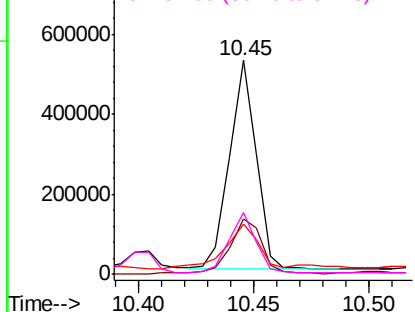


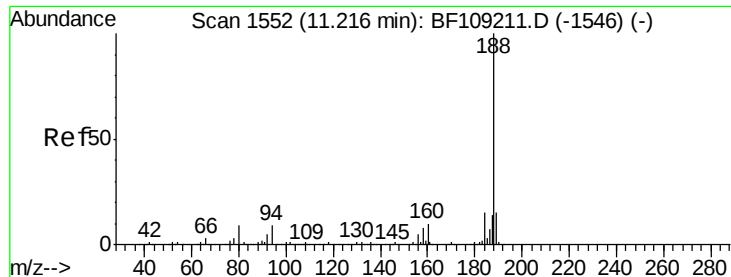
#62
Azobenzene
Concen: 32.823 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion: 77 Resp: 423095
Ion Ratio Lower Upper
77 100
182 26.0 1.7 41.7
105 23.5 3.0 43.0
51 28.6 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: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

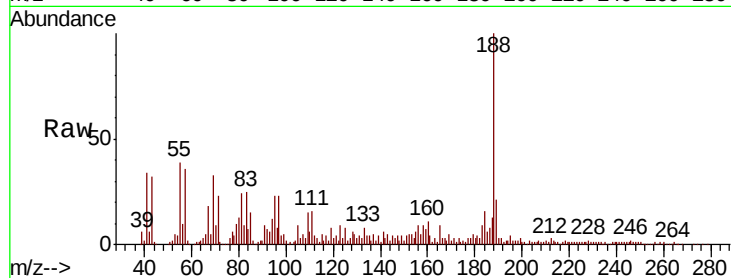
Tgt Ion:188 Resp: 248140

Ion Ratio Lower Upper

188 100

94 12.2 8.5 12.7

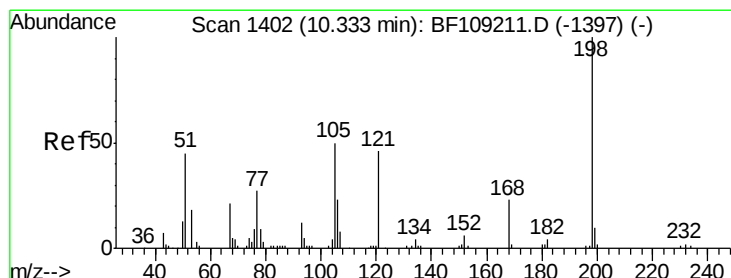
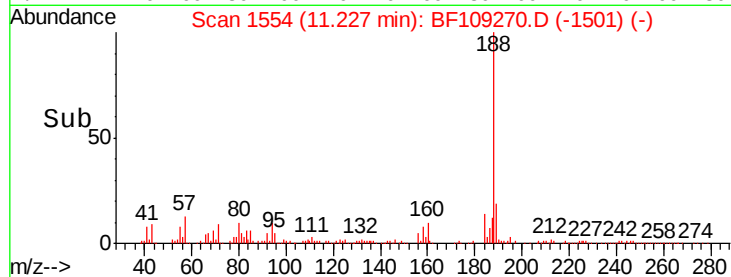
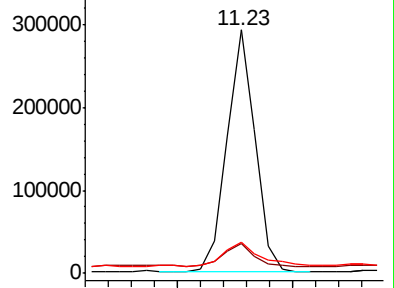
80 12.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 22.062 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

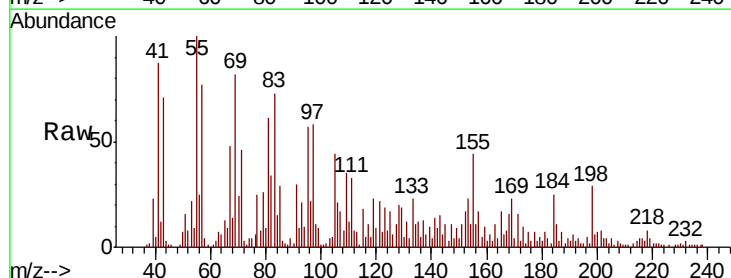
Tgt Ion:198 Resp: 17862

Ion Ratio Lower Upper

198 100

51 54.0 37.7 77.7

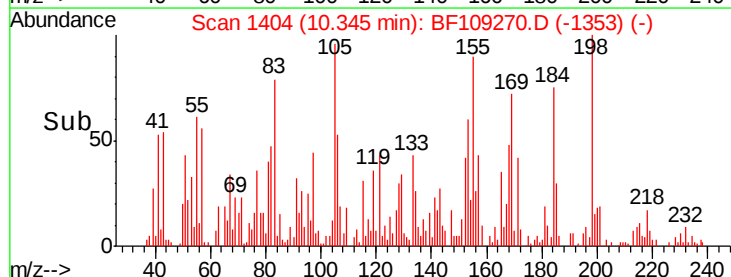
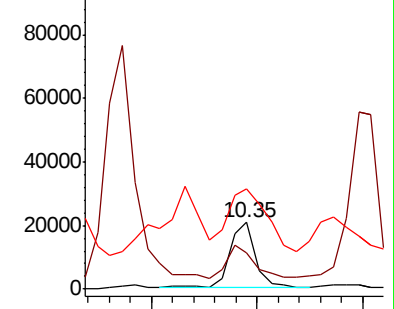
105 149.6 36.3 76.3#

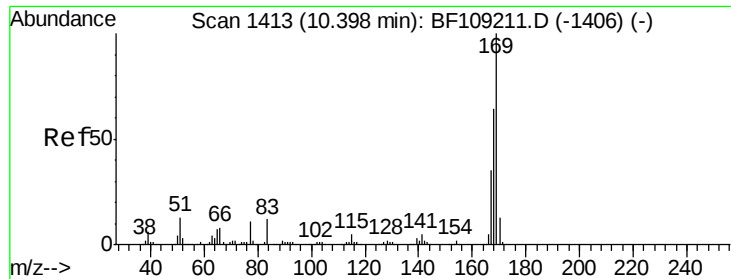


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 56.054 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

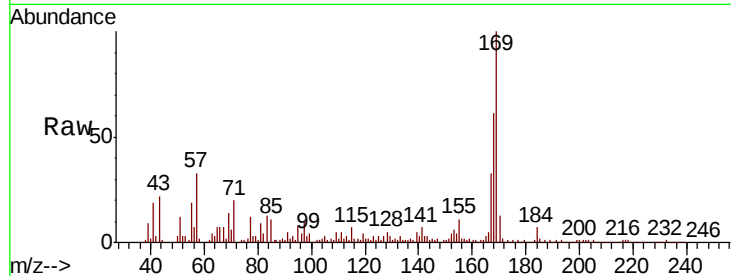
Tgt Ion:169 Resp: 459555

Ion Ratio Lower Upper

169 100

168 60.6 54.4 81.6

167 33.4 29.8 44.6

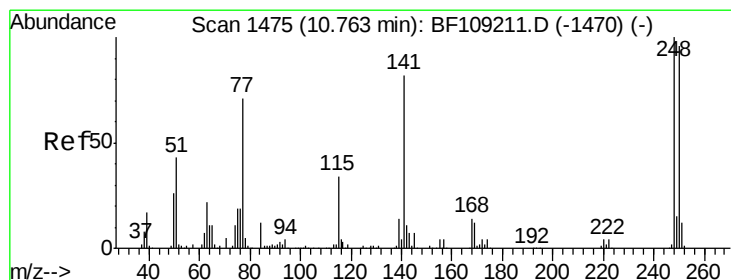
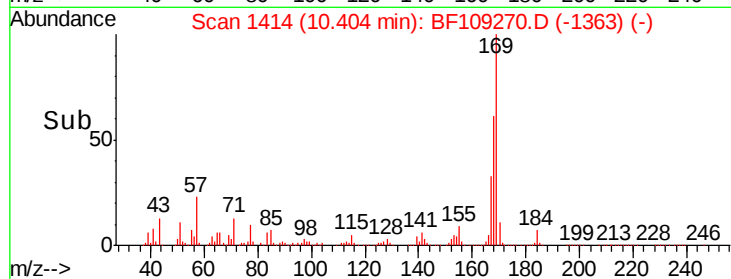
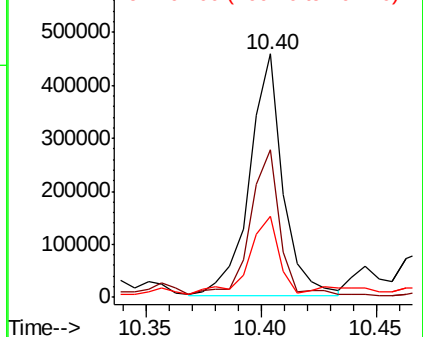


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.425 ng

RT: 10.77 min Scan# 1477

Delta R.T. 0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

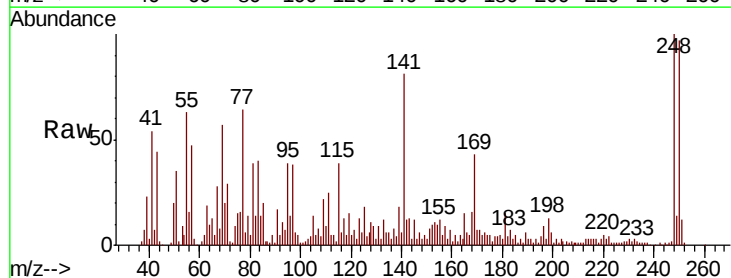
Tgt Ion:248 Resp: 111390

Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

141 81.3 74.4 111.6

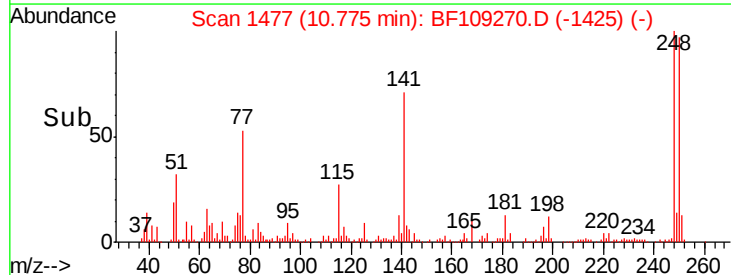
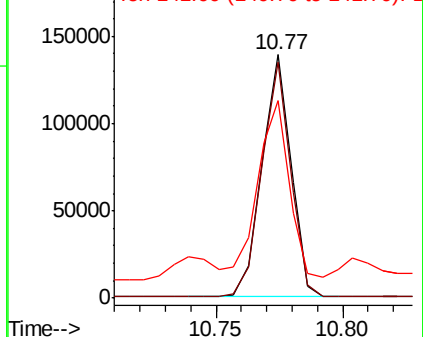


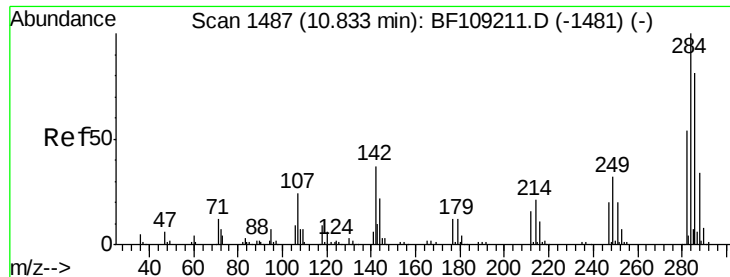
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

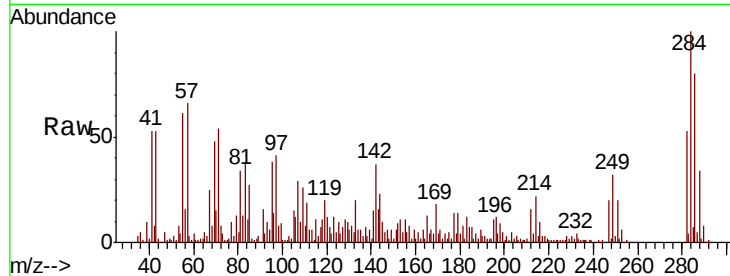




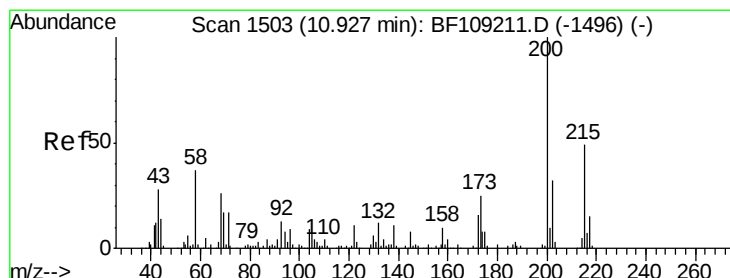
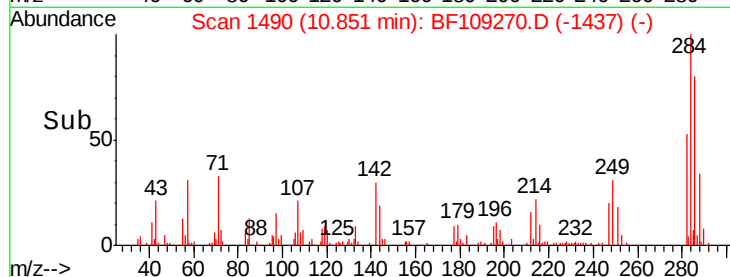
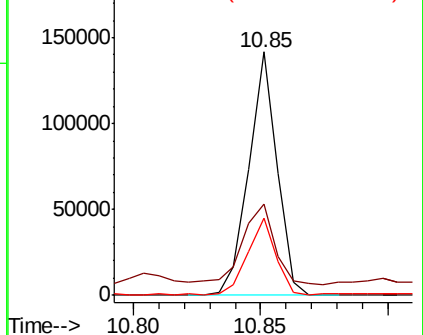
#67
Hexachlorobenzene
Concen: 37.633 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.01 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

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

Tgt Ion:284 Resp: 110132
Ion Ratio Lower Upper
284 100
142 37.3 34.6 52.0
249 31.7 24.8 37.2

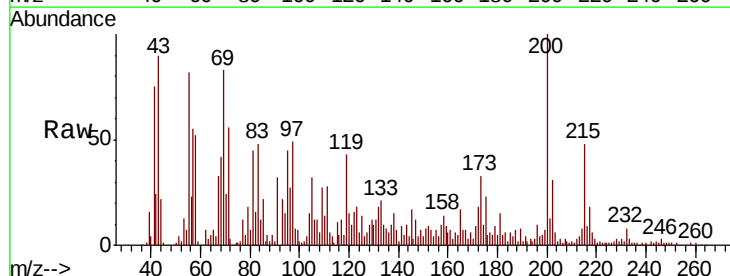


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

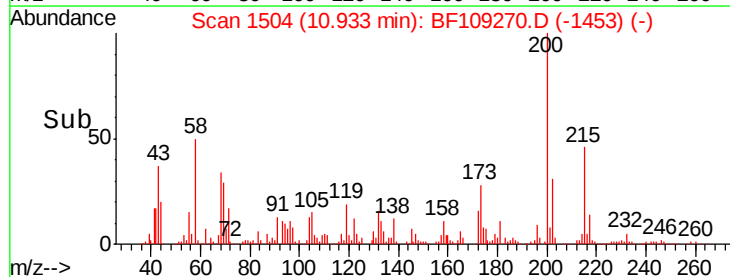
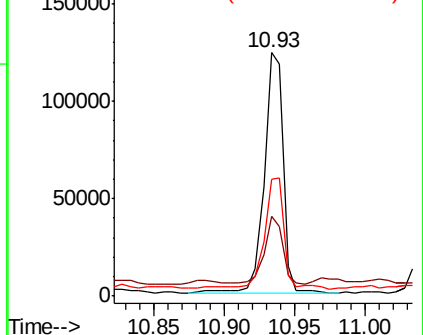


#68
Atrazine
Concen: 47.132 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion:200 Resp: 118839
Ion Ratio Lower Upper
200 100
173 32.7 8.6 48.6
215 47.8 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

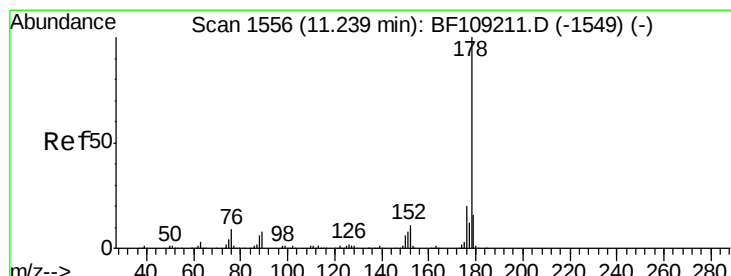
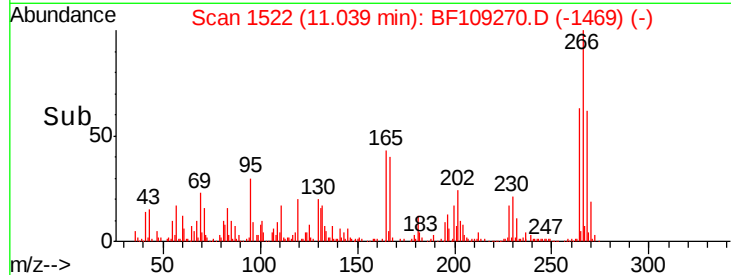
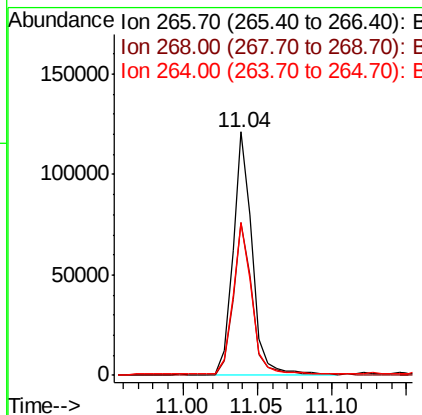
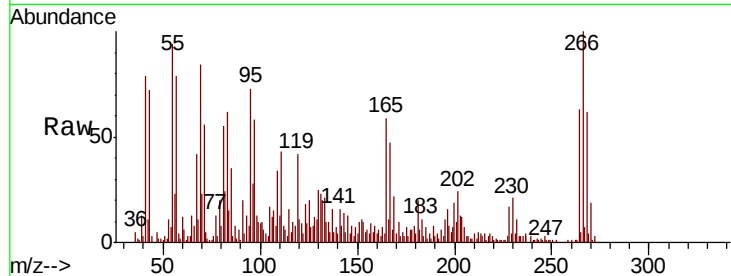




#69
 Pentachlorophenol
 Concen: 63.373 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

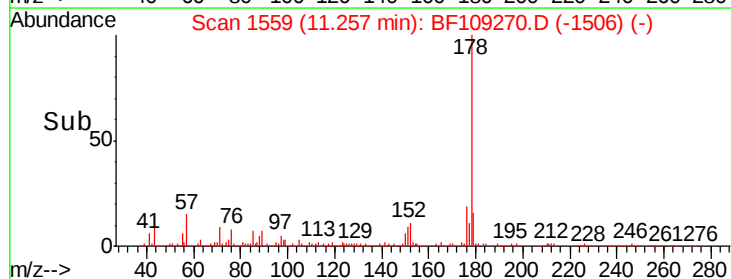
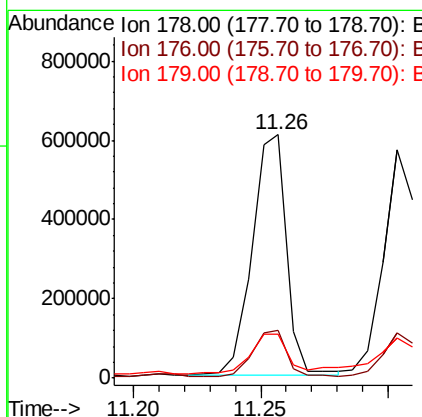
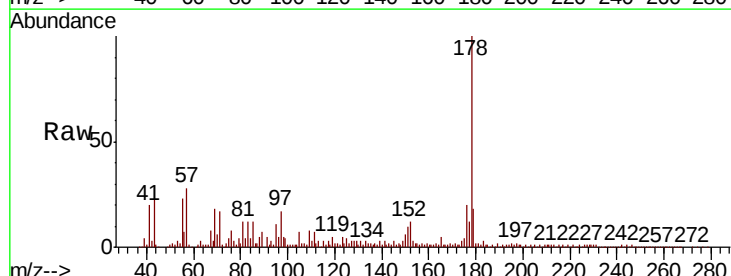
Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

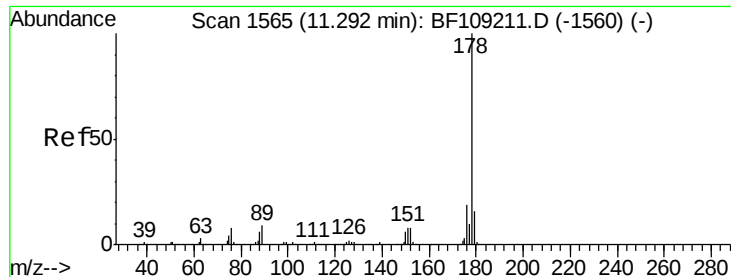
Tgt Ion:266 Resp: 111001
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.1 76.7
 264 62.6 49.5 74.3



#70
 Phenanthrene
 Concen: 45.839 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. 0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion:178 Resp: 567927
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 18.2 13.0 19.6

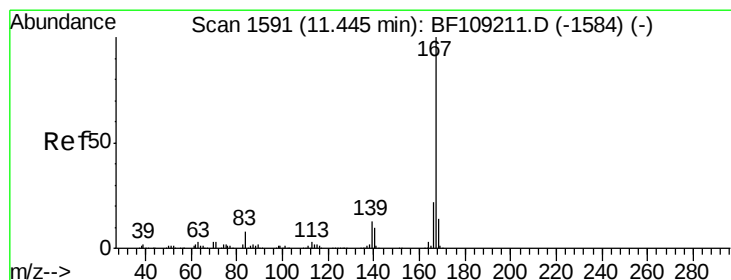
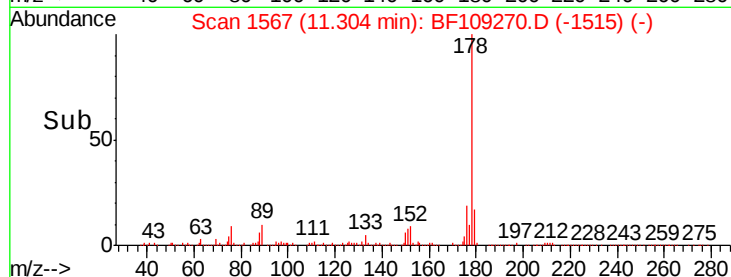
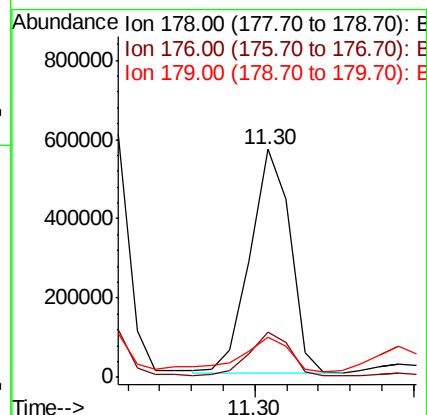
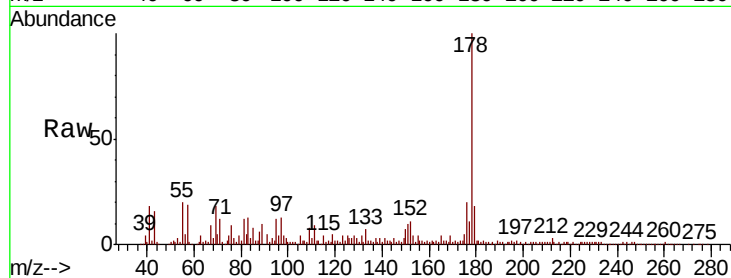




#71
 Anthracene
 Concen: 39.610 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

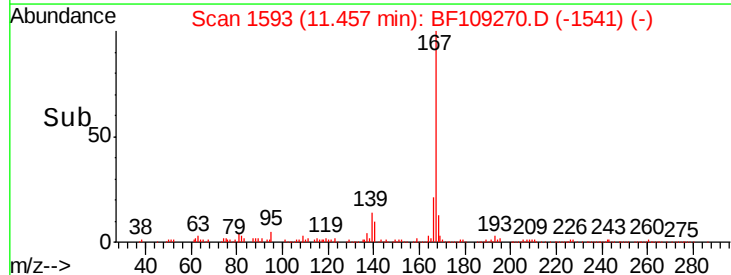
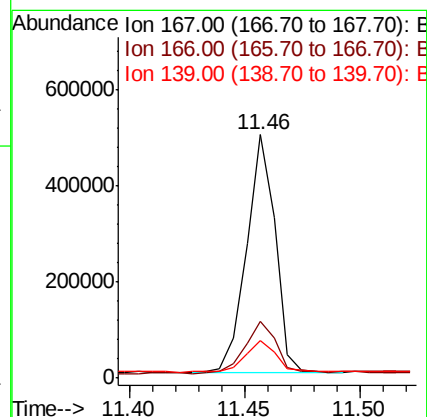
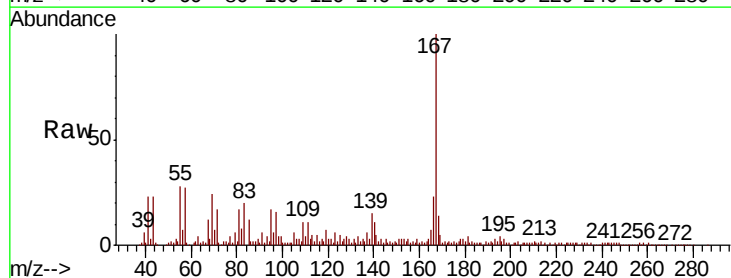
Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

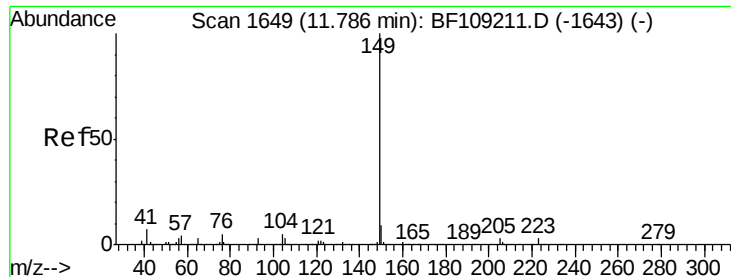
Tgt Ion:178 Resp: 497752
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 17.9 12.6 19.0



#72
 Carbazole
 Concen: 34.264 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion:167 Resp: 428401
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.6 26.4
 139 15.4 10.9 16.3

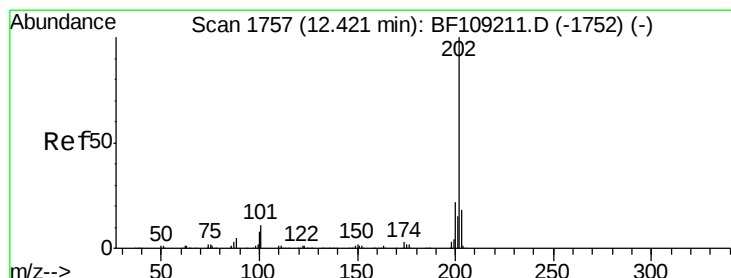
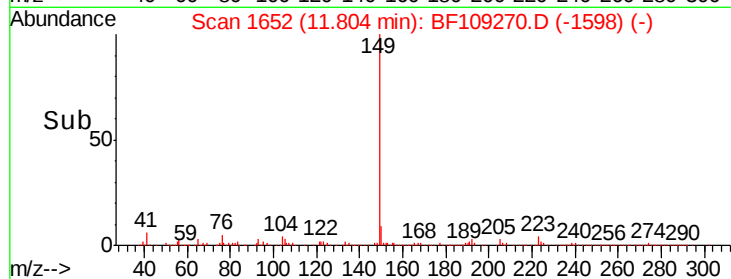
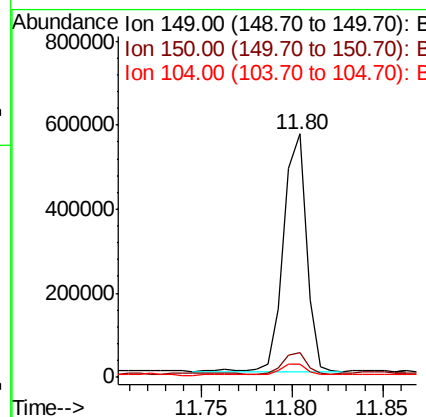
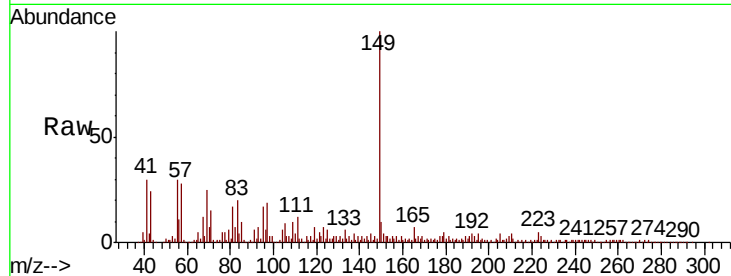




#73
Di-n-butylphthalate
Concen: 34.520 ng
RT: 11.80 min Scan# 1652
Delta R.T. 0.02 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

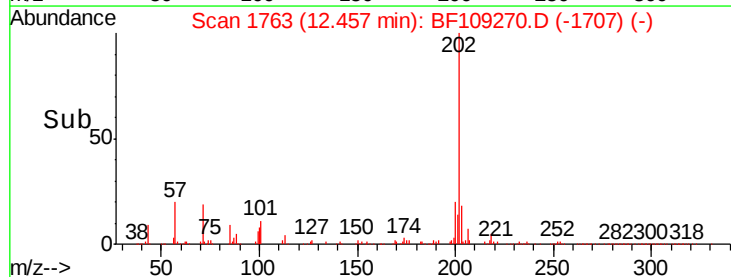
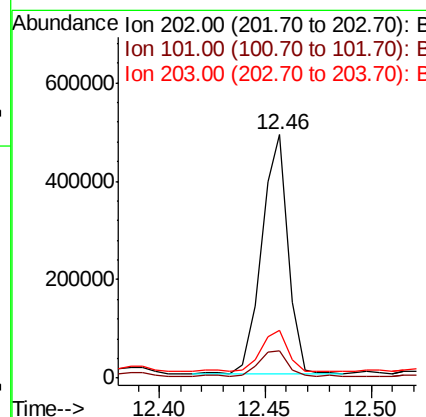
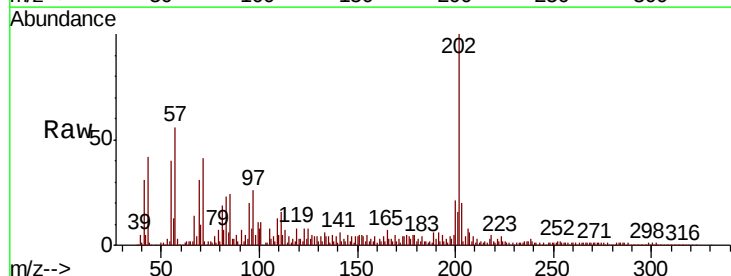
Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

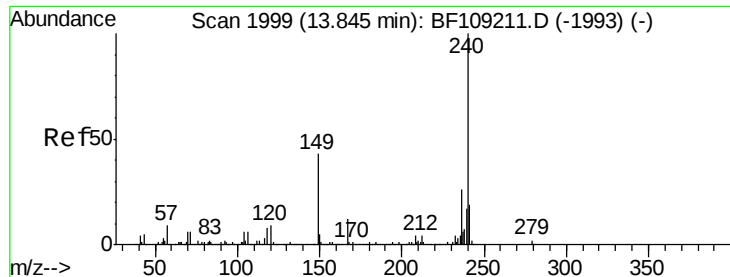
Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.6
104	5.5	3.8	5.8



#74
Fluoranthene
Concen: 31.833 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.03 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	19.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.03 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

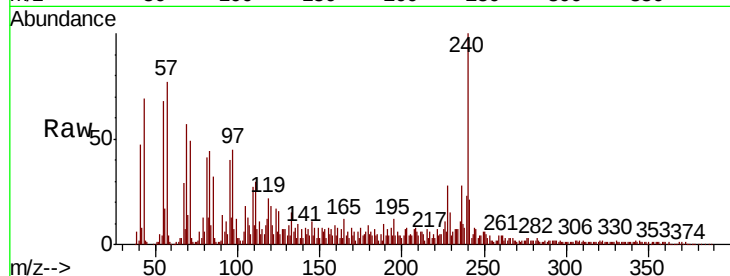
BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

Tgt Ion:240 Resp: 190215

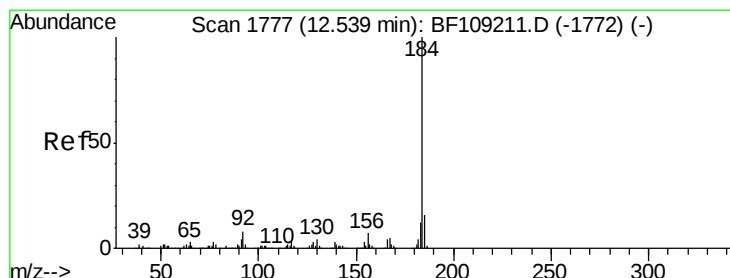
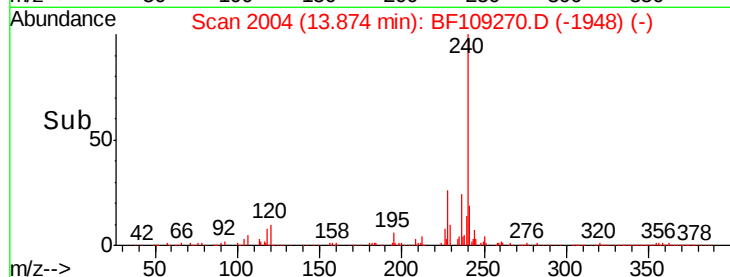
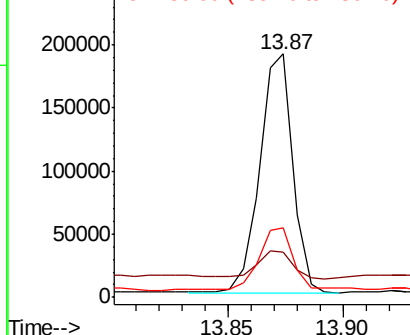
Ion	Ratio	Lower	Upper
240	100		
120	18.4	9.5	14.3#
236	28.4	20.7	31.1



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: 25.766 ng

RT: 12.56 min Scan# 1781

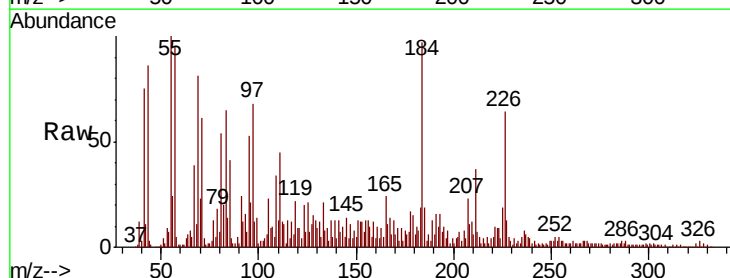
Delta R.T. 0.02 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Tgt Ion:184 Resp: 176709

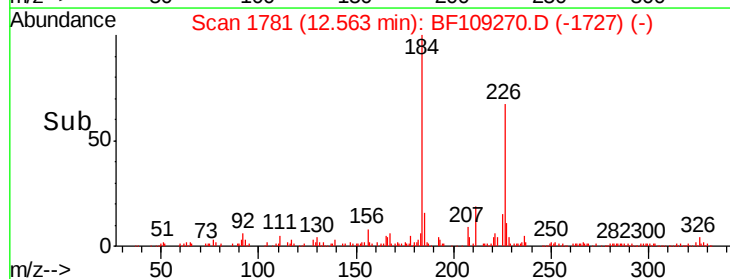
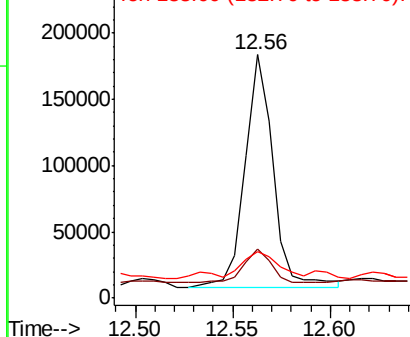
Ion	Ratio	Lower	Upper
184	100		
185	20.0	12.6	18.8#
183	19.3	9.3	13.9#

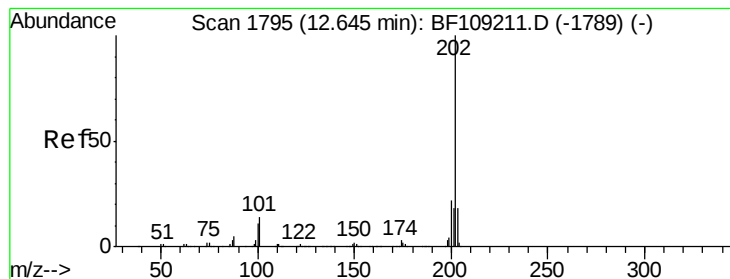


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.999 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.02 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

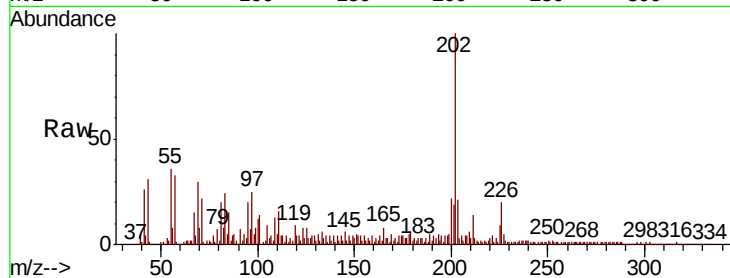
Tgt Ion:202 Resp: 490755

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

203 21.0 14.3 21.5

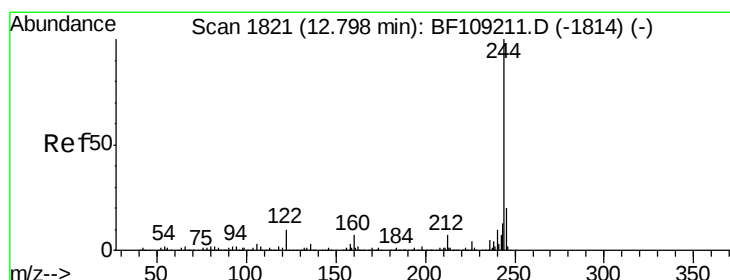
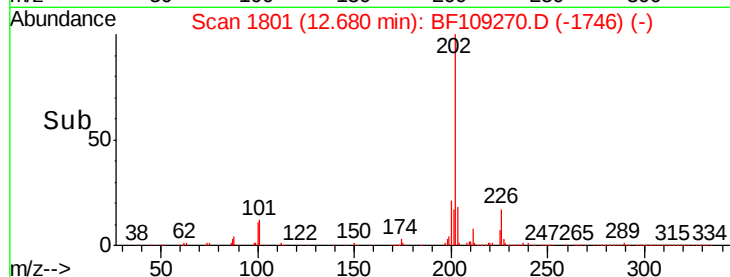
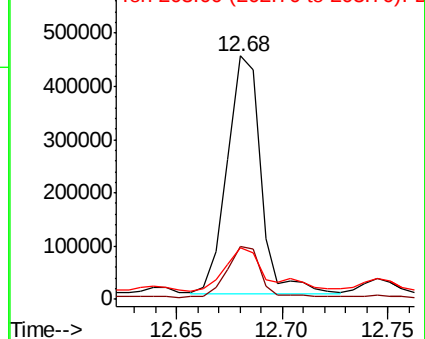


Abundance

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: 70.430 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.02 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

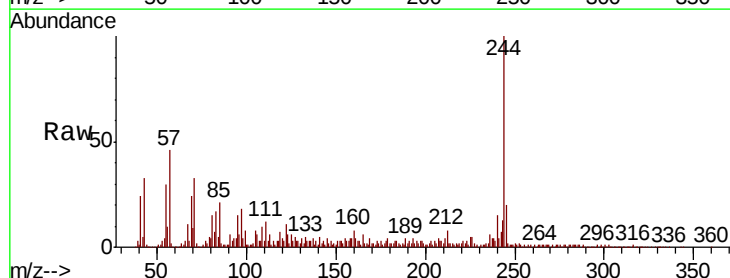
Tgt Ion:244 Resp: 545879

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

122 11.1 11.0 16.4

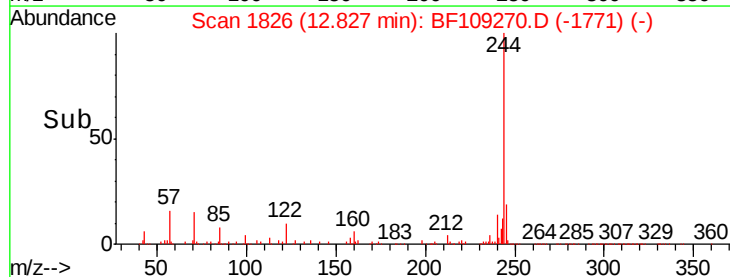
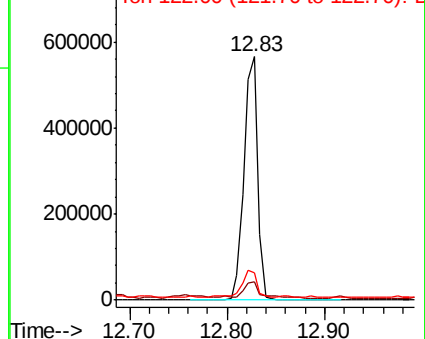


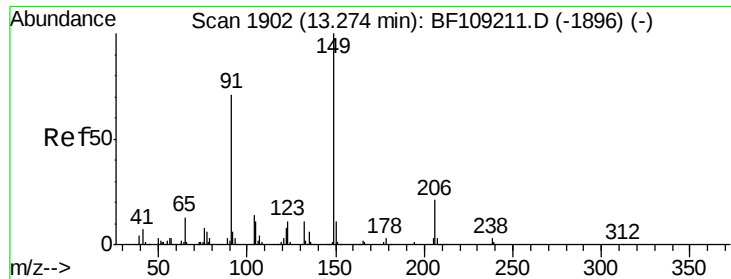
Abundance

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

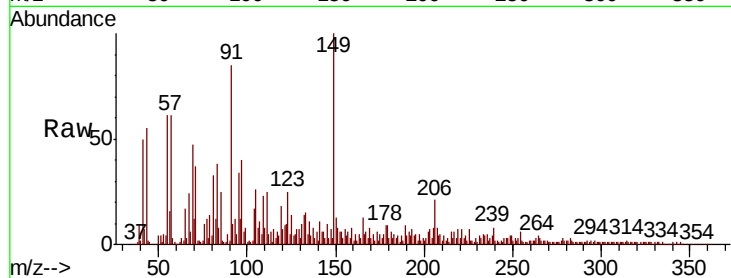




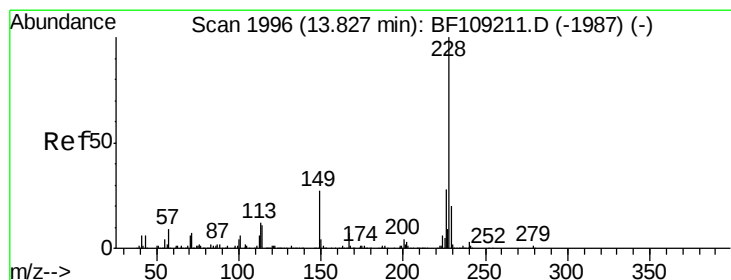
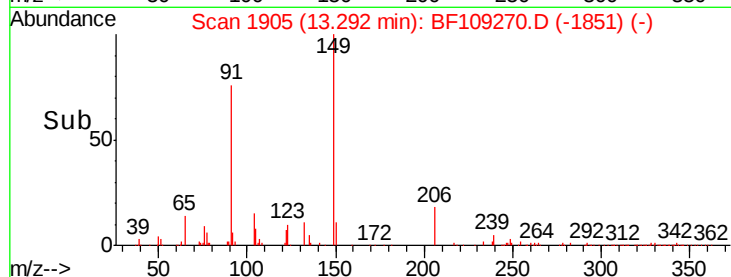
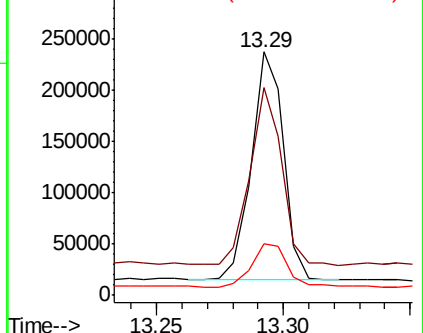
#79
Butylbenzylphthalate
Concen: 33.710 ng
RT: 13.29 min Scan# 1905
Delta R.T. 0.02 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

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

Tgt Ion:149 Resp: 195509
Ion Ratio Lower Upper
149 100
91 85.1 56.8 85.2
206 21.2 14.1 21.1#

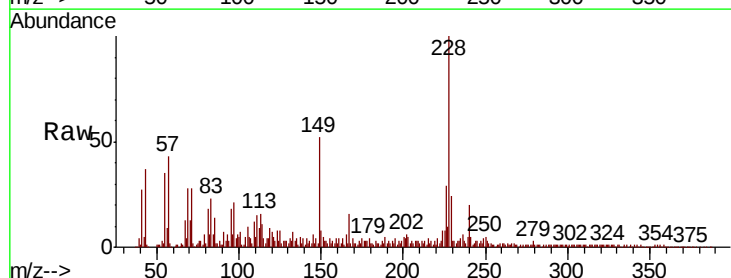


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

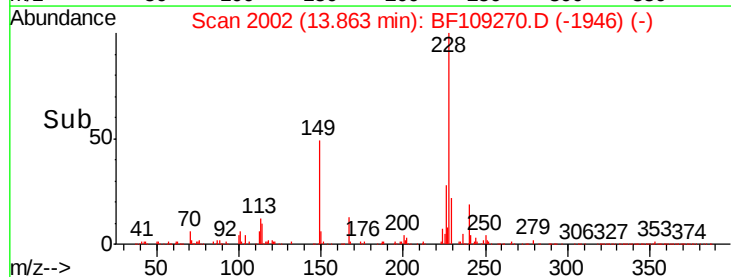
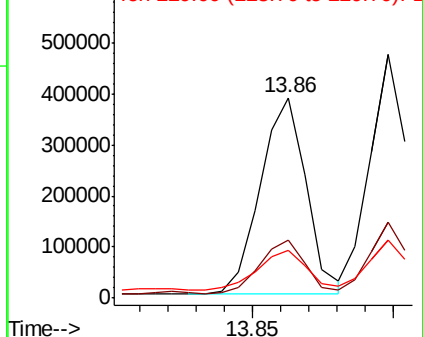


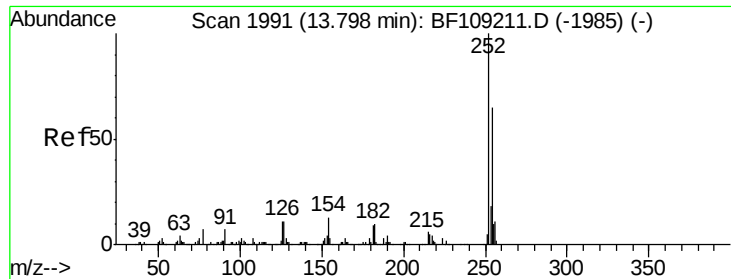
#80
Benzo(a)anthracene
Concen: 37.870 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.03 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion:228 Resp: 433886
Ion Ratio Lower Upper
228 100
226 29.2 22.6 33.8
229 24.0 15.8 23.6#



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

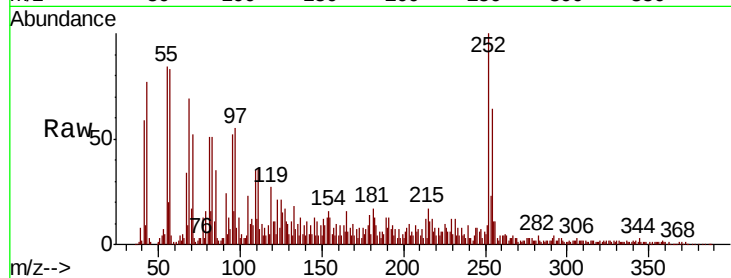




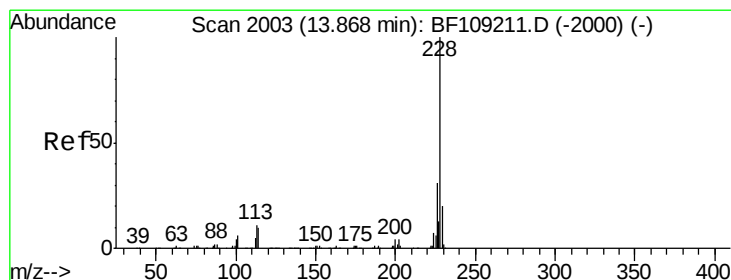
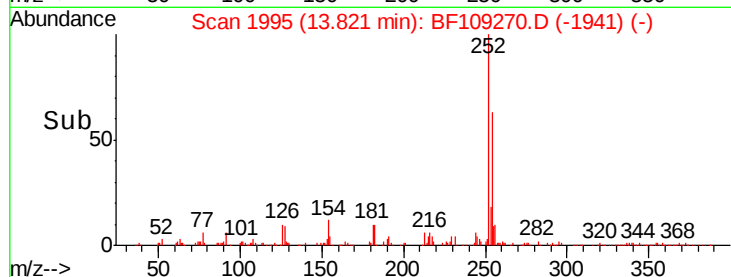
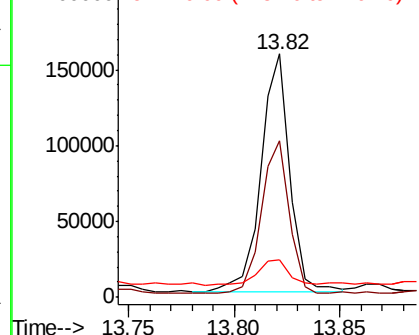
#81
 3,3'-Dichlorobenzidine
 Concen: 34.524 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. 0.02 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

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

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	15.4	11.3	16.9

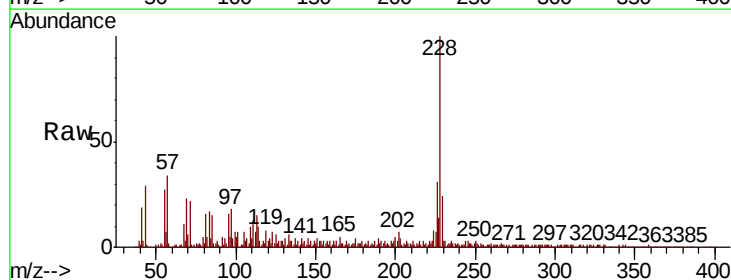


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

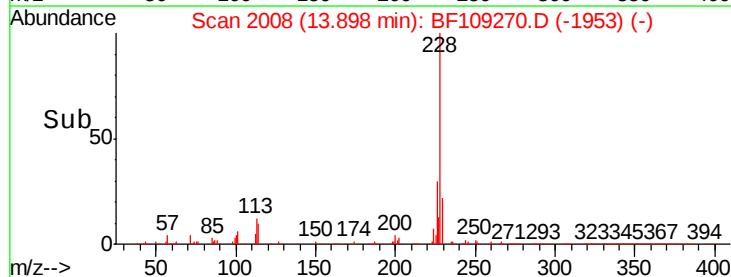
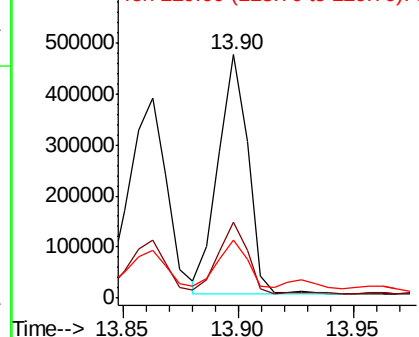


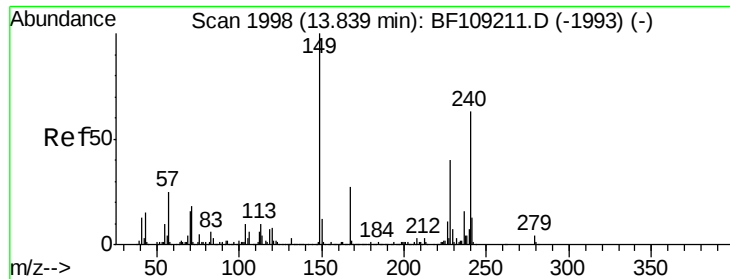
#82
 Chrysene
 Concen: 37.082 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.02 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	24.0	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

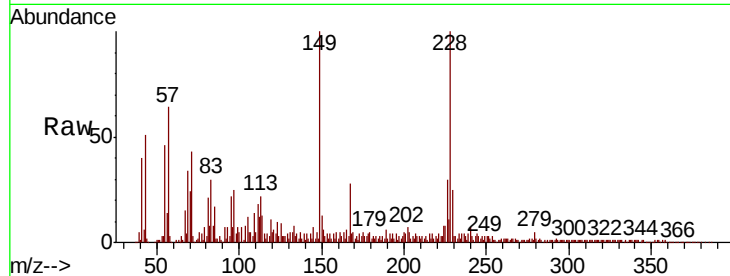




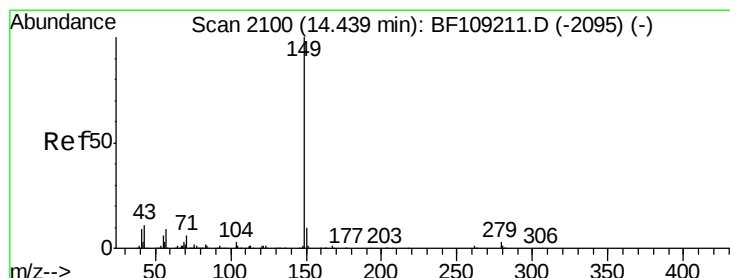
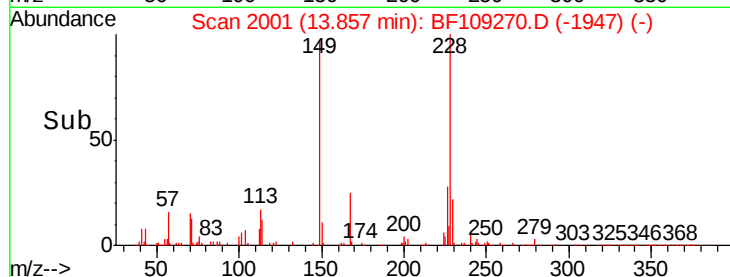
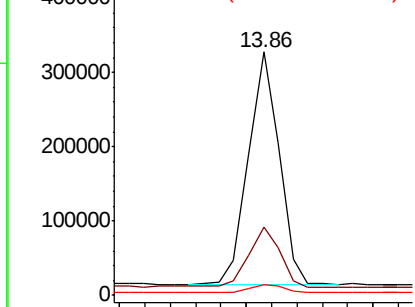
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.331 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.02 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

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

Tgt Ion:149 Resp: 265742
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.3 31.9
 279 4.6 3.0 4.4#

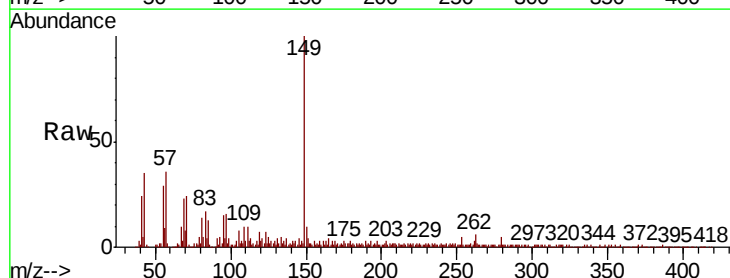


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

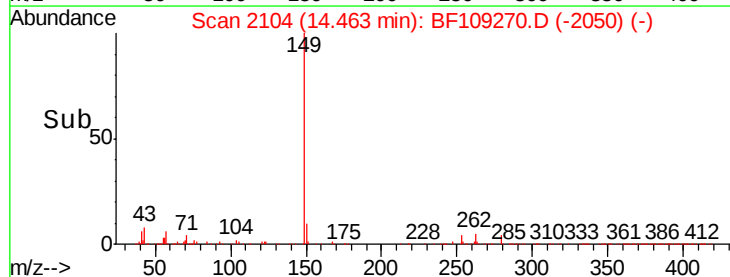
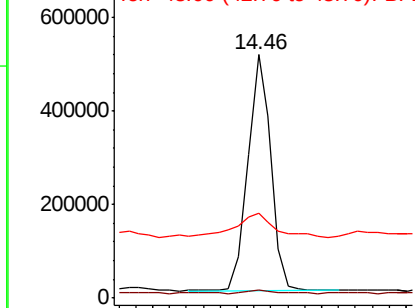


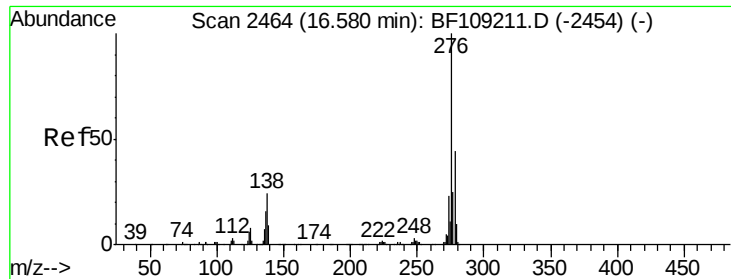
#84
 Di-n-octyl phthalate
 Concen: 38.280 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. 0.02 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion:149 Resp: 478742
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8#
 43 21.6 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

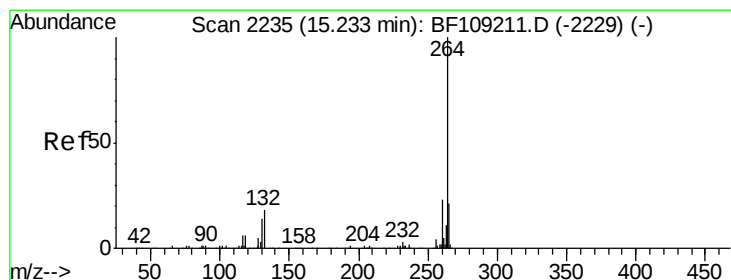
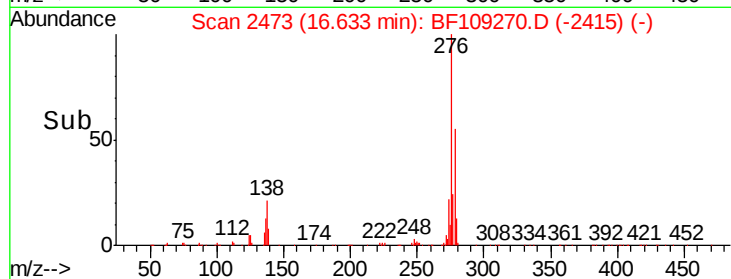
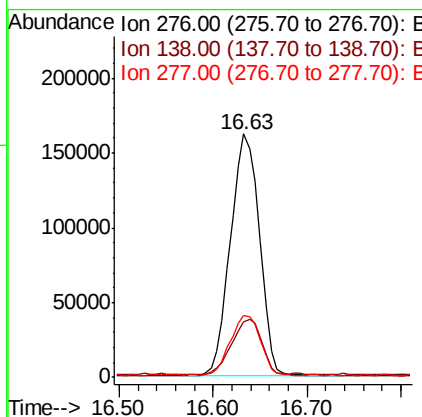
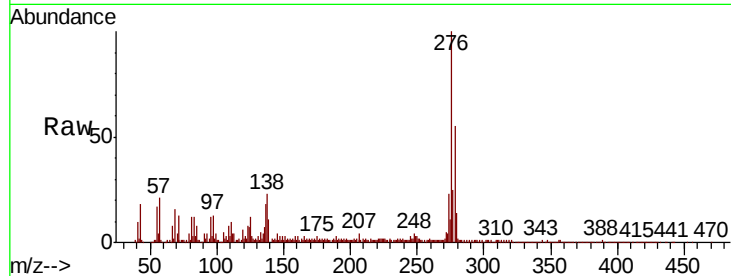




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.885 ng
 RT: 16.63 min Scan# 2473
 Delta R.T. 0.04 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

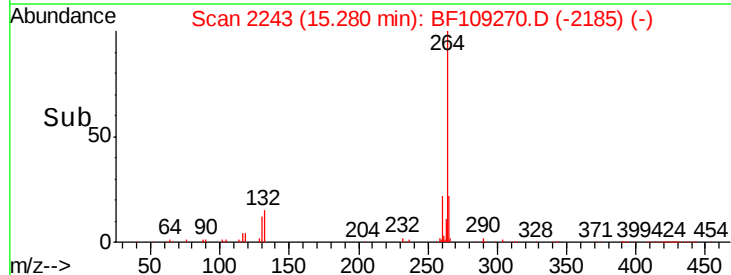
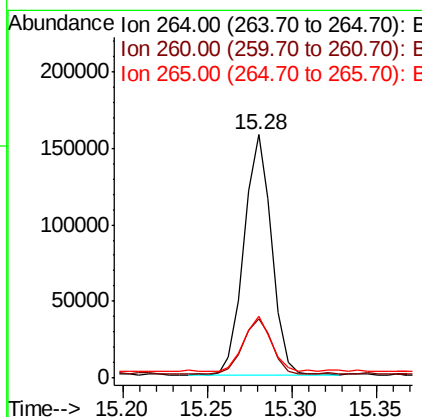
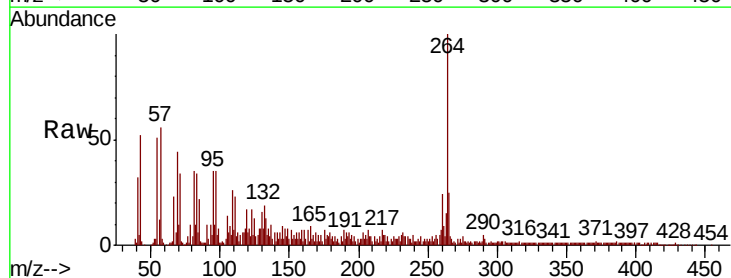
Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

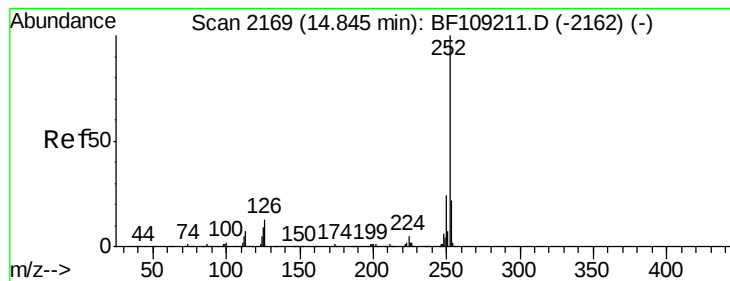
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	25.0	37.6#
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.04 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	25.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 43.133 ng

RT: 14.89 min Scan# 2176

Delta R.T. 0.04 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

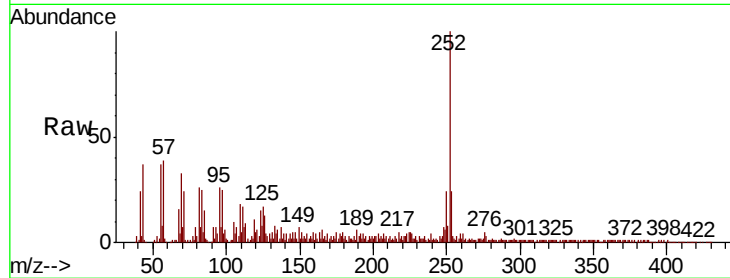
Tgt Ion:252 Resp: 419966

Ion Ratio Lower Upper

252 100

253 24.4 17.0 25.6

125 16.9 9.0 13.6#

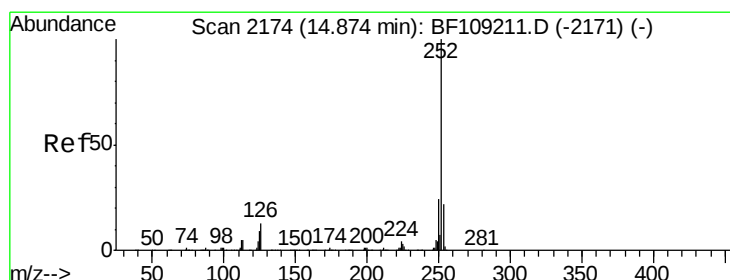
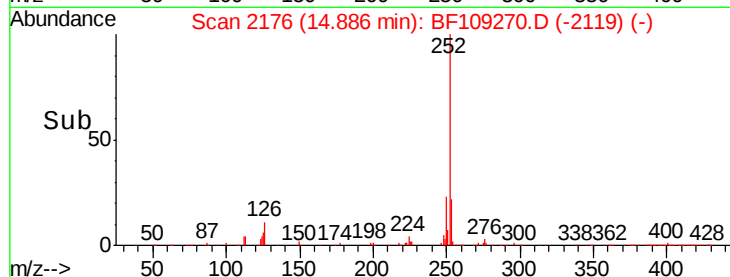
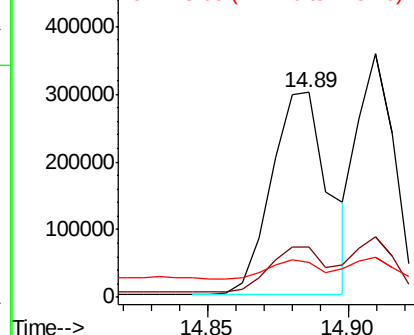


Abundance

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: 34.762 ng

RT: 14.91 min Scan# 2180

Delta R.T. 0.03 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

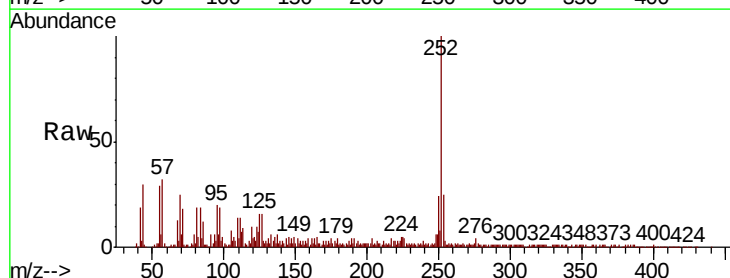
Tgt Ion:252 Resp: 321179

Ion Ratio Lower Upper

252 100

253 25.1 17.9 26.9

125 16.3 10.2 15.2#

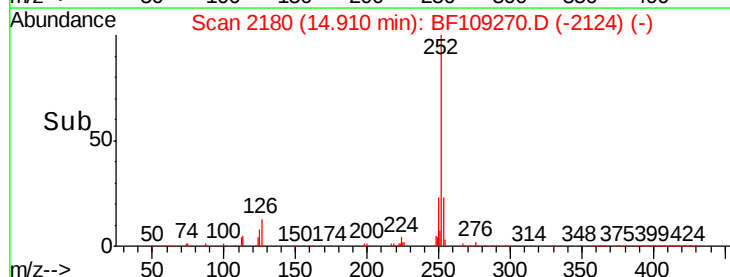
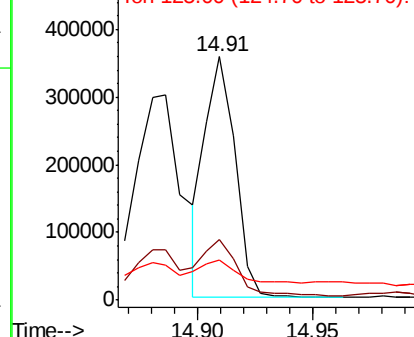


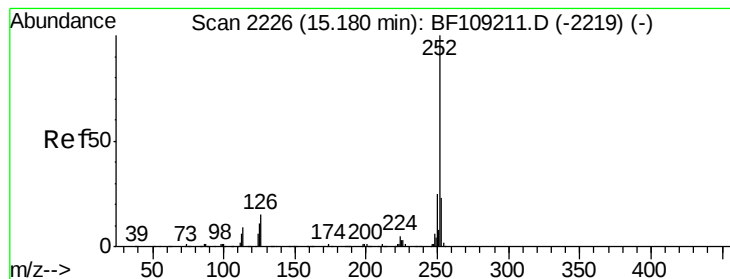
Abundance

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: 39.134 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.04 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

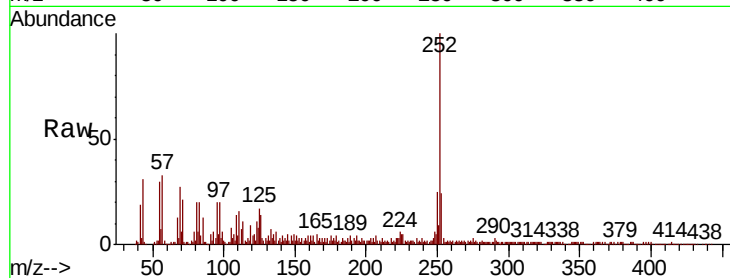
Tgt Ion: 252 Resp: 343347

Ion Ratio Lower Upper

252 100

253 23.6 17.1 25.7

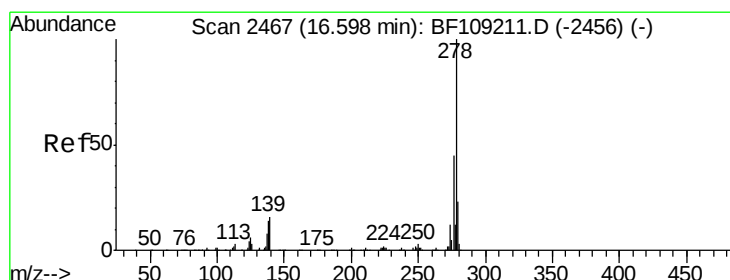
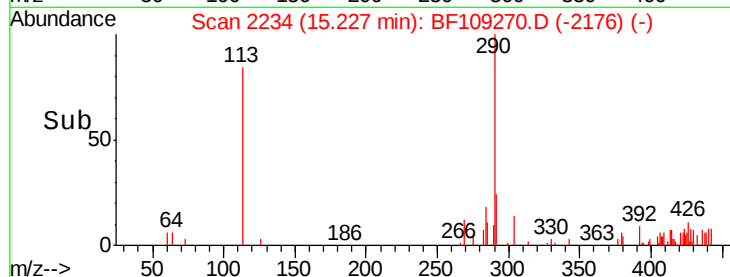
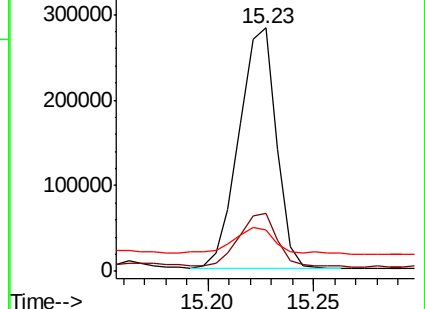
125 17.0 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 40.824 ng

RT: 16.64 min Scan# 2475

Delta R.T. 0.04 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

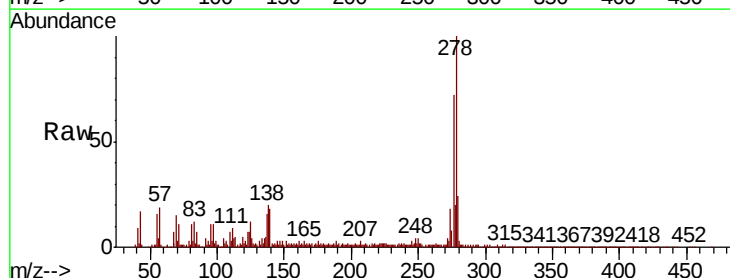
Tgt Ion: 278 Resp: 293842

Ion Ratio Lower Upper

278 100

139 17.8 15.9 23.9

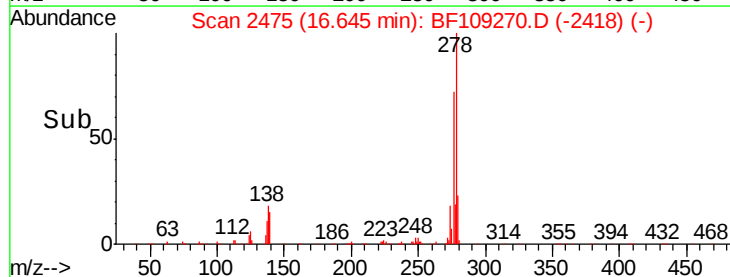
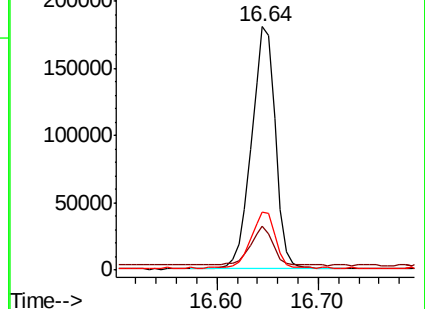
279 23.9 19.0 28.4

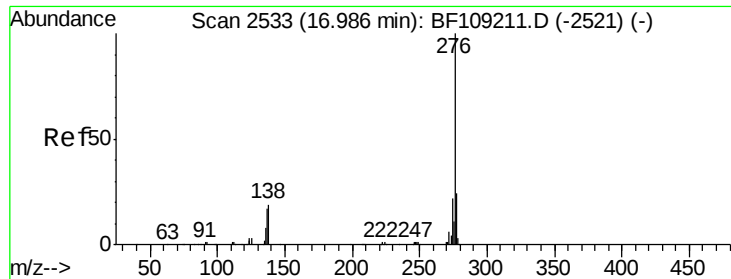


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.562 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.04 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

Tgt Ion: 276 Resp: 286934

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 19.1 21.8 32.8#

