

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108932.D
 Acq On : 11 Sep 2018 13:49
 Operator : JU/SJ
 Sample : PB112758BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 15:06:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	173132	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	710989	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	345264	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	663158	20.00	ng	0.00
75) Chrysene-d12	13.88	240	441124	20.00	ng	0.01
86) Perylene-d12	15.28	264	376263	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1077946	103.15	ng	0.02
7) Phenol-d6	6.38	99	1385606	103.05	ng	0.01
23) Nitrobenzene-d5	7.30	82	871189	76.68	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	371634	112.75	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1586255	78.38	ng	0.00
78) Terphenyl-d14	12.83	244	1559720	82.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	189579	37.746	ng	92
3) Pyridine	3.22	79	523965	38.094	ng	91
4) n-Nitrosodimethylamine	3.15	42	226632	42.899	ng	91
6) Aniline	6.40	93	563818	31.176	ng	98
8) 2-Chlorophenol	6.52	128	476772	41.216	ng	100
9) Benzaldehyde	6.28	77	262822	27.552	ng	99
10) Phenol	6.39	94	594619	38.609	ng	83
11) bis(2-Chloroethyl)ether	6.48	93	470801	38.160	ng	96
12) 1,3-Dichlorobenzene	6.68	146	517424	39.198	ng	99
13) 1,4-Dichlorobenzene	6.75	146	519316	39.340	ng	99
14) 1,2-Dichlorobenzene	6.91	146	485938	39.937	ng	97
15) Benzyl Alcohol	6.88	79	409245	39.659	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	714890	38.764	ng	95
17) 2-Methylphenol	7.00	107	407711	41.707	ng	98
18) Hexachloroethane	7.25	117	194219	40.804	ng	99
19) n-Nitroso-di-n-propylamine	7.16	70	340933	36.477	ng	96
20) 3+4-Methylphenols	7.15	107	460241	40.191	ng	# 65
22) Acetophenone	7.15	105	642738	39.833	ng	# 91
24) Nitrobenzene	7.32	77	519339	42.603	ng	99
25) Isophorone	7.56	82	961176	42.414	ng	97
26) 2-Nitrophenol	7.64	139	245517	51.122	ng	100
27) 2,4-Dimethylphenol	7.68	122	439553	45.071	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	607750	40.112	ng	99
29) 2,4-Dichlorophenol	7.88	162	415791	41.347	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	422840	38.799	ng	97
31) Naphthalene	8.04	128	1369575	42.816	ng	99
32) Benzoic acid	7.81	122	244410	39.852	ng	98
33) 4-Chloroaniline	8.09	127	382654	26.047	ng	98
34) Hexachlorobutadiene	8.17	225	253084	38.873	ng	99
35) Caprolactam	8.50	113	48944	14.363	ng	88
36) 4-Chloro-3-methylphenol	8.58	107	423003	39.486	ng	97
37) 2-Methylnaphthalene	8.74	142	919763	43.524	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	399082	38.667	ng	99
40) Hexachlorocyclopentadiene	8.90	237	498523	96.013	ng	99

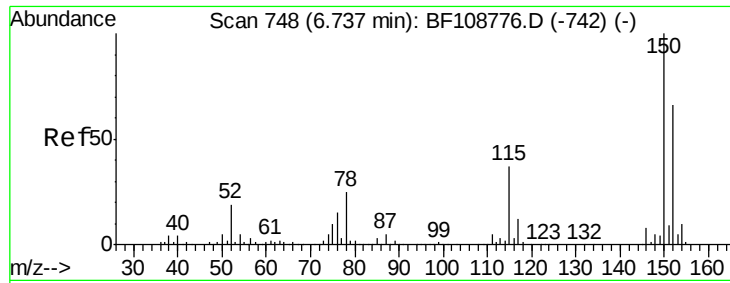
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108932.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	292135	41.556	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	314205	43.119	nq	94
45) 1,1'-Biphenyl	9.20	154	1086193	40.864	nq	99
46) 2-Chloronaphthalene	9.22	162	846052	39.357	nq	100
47) 2-Nitroaniline	9.31	65	269497	45.890	nq	98
48) Acenaphthylene	9.64	152	1354890	42.283	nq	99
49) Dimethylphthalate	9.50	163	986556	40.853	nq	99
50) 2,6-Dinitrotoluene	9.55	165	220624	47.946	nq	95
51) Acenaphthene	9.81	154	818353	41.271	nq	98
52) 3-Nitroaniline	9.72	138	180644	32.979	nq	95
53) 2,4-Dinitrophenol	9.83	184	181875	104.389	nq	# 20
54) Dibenzofuran	9.98	168	1165352	40.318	nq	98
55) 4-Nitrophenol	9.89	139	368569	90.006	nq	99
56) 2,4-Dinitrotoluene	9.96	165	295406	50.199	nq	# 94
57) Fluorene	10.32	166	858136	46.264	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	265612	45.200	nq	87
59) Diethylphthalate	10.20	149	977380	39.219	nq	96
60) 4-Chlorophenyl-phenylether	10.31	204	411008	41.490	nq	93
61) 4-Nitroaniline	10.33	138	235756	47.510	nq	97
62) Azobenzene	10.47	77	1015300	39.469	nq	96
64) 4,6-Dinitro-2-methylphenol	10.37	198	119688	46.196	nq	89
65) n-Nitrosodiphenylamine	10.43	169	851885	38.637	nq	95
66) 4-Bromophenyl-phenylether	10.80	248	284858	38.031	nq	# 84
67) Hexachlorobenzene	10.87	284	299729	37.487	nq	# 87
68) Atrazine	10.96	200	276064	39.111	nq	95
69) Pentachlorophenol	11.06	266	339407	69.432	nq	98
70) Phenanthrene	11.28	178	1315310	41.533	nq	99
71) Anthracene	11.32	178	1369320	45.161	nq	100
72) Carbazole	11.48	167	1220035	38.207	nq	99
73) Di-n-butylphthalate	11.82	149	1482841	41.817	nq	100
74) Fluoranthene	12.45	202	1377819	43.942	nq	98
76) Benzidine	12.57	184	605707	28.971	nq	99
77) Pyrene	12.68	202	1385348	40.813	nq	98
79) Butylbenzylphthalate	13.31	149	604495	39.546	nq	97
80) Benzo(a)anthracene	13.87	228	1067466	37.753	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	278182	25.253	nq	# 95
82) Chrysene	13.90	228	1069659	39.079	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	705190	36.710	nq	100
84) Di-n-octyl phthalate	14.48	149	1195922	37.342	nq	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	898086	37.074	nq	95
87) Benzo(b)fluoranthene	14.88	252	890155	43.508	nq	98
88) Benzo(k)fluoranthene	14.91	252	871194	46.239	nq	98
89) Benzo(a)pyrene	15.22	252	822489	44.553	nq	98
90) Dibenzo(a,h)anthracene	16.67	278	736753	45.292	nq	96
91) Benzo(g,h,i)perylene	17.06	276	786580	48.294	nq	93

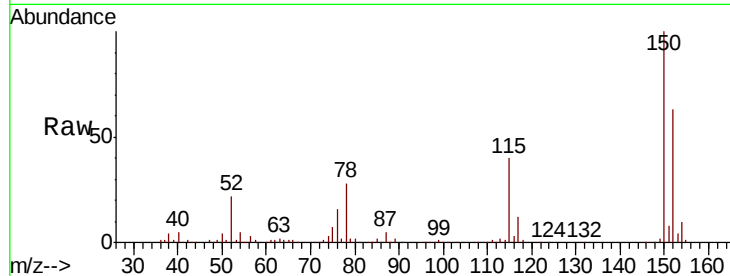
(#) = qualifier out of range (m) = manual integration (+) = signals summed



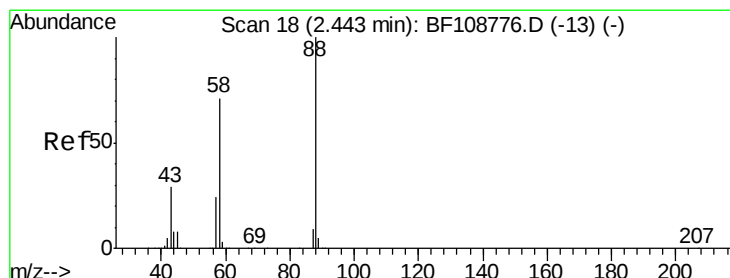
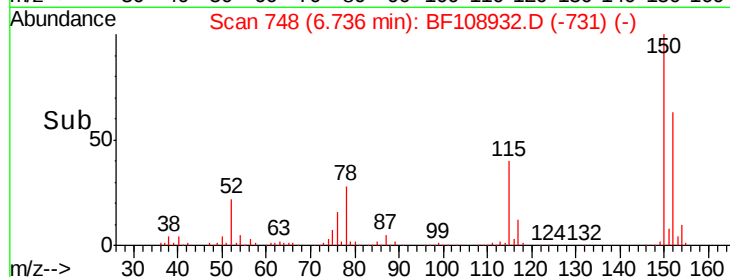
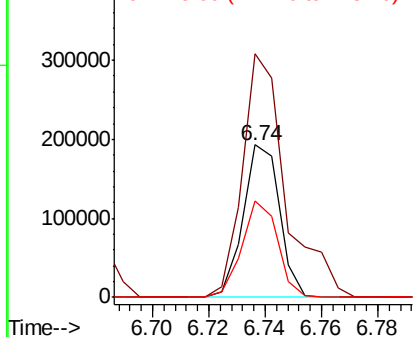
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 173132
 Ion Ratio Lower Upper
 152 100
 150 159.8 124.6 186.8
 115 63.4 50.1 75.1

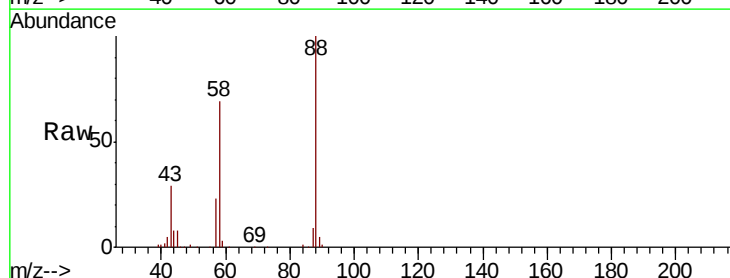


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

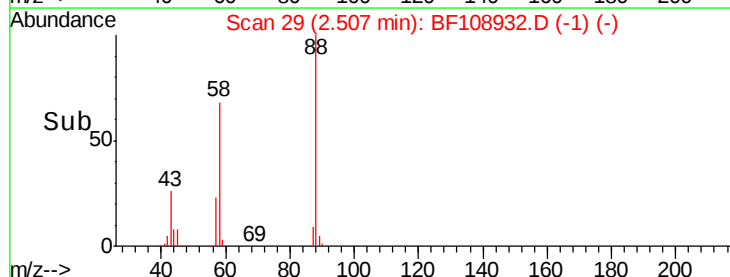
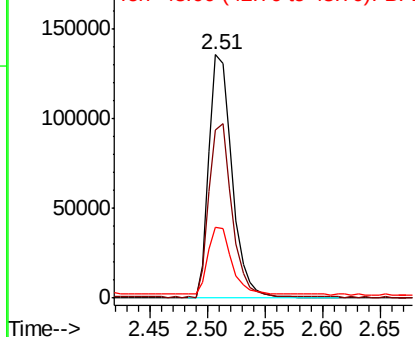


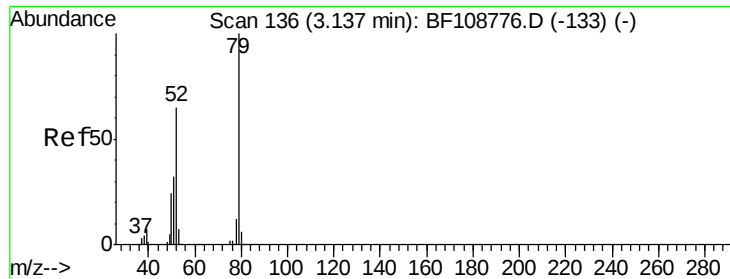
#2
 1,4-Dioxane
 Concen: 37.746 ng
 RT: 2.51 min Scan# 29
 Delta R.T. 0.06 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion: 88 Resp: 189579
 Ion Ratio Lower Upper
 88 100
 58 70.5 62.6 93.8
 43 28.2 24.6 37.0



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





#3

Pvridine

Concen: 38.094 ng

RT: 3.22 min Scan# 150

Delta R.T. 0.08 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :

BNA_F

ClientSampled :

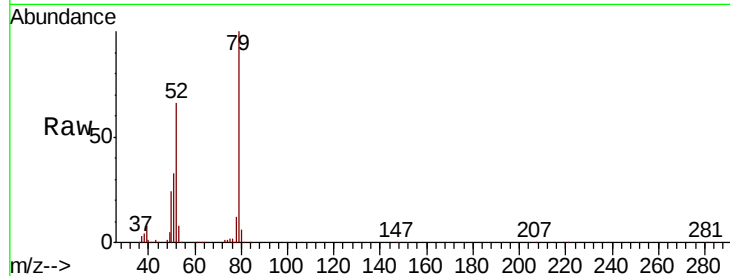
Tot Ion: 79 Resp: 523965

Ion Ratio Lower Upper

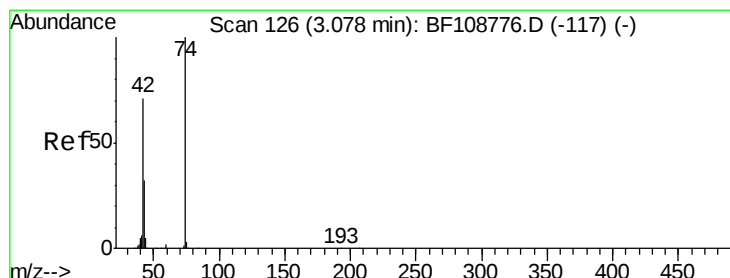
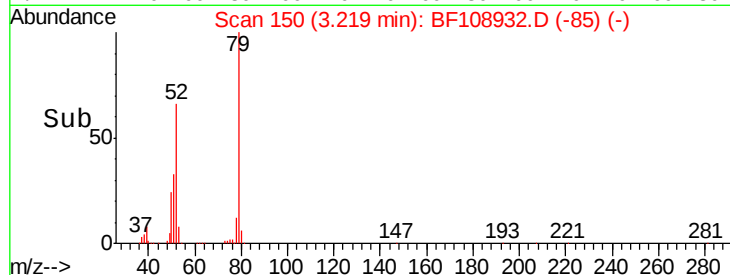
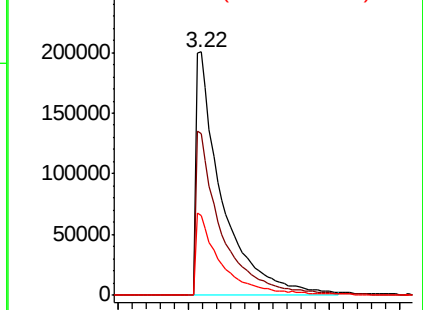
79 100

52 66.2 59.8 89.6

51 32.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.899 ng

RT: 3.15 min Scan# 139

Delta R.T. 0.08 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

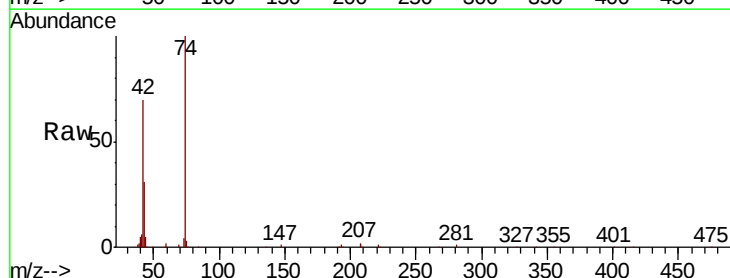
Tgt Ion: 42 Resp: 226632

Ion Ratio Lower Upper

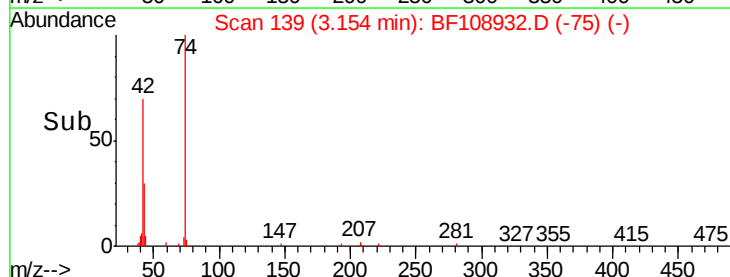
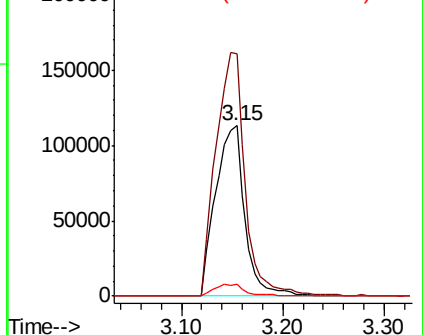
42 100

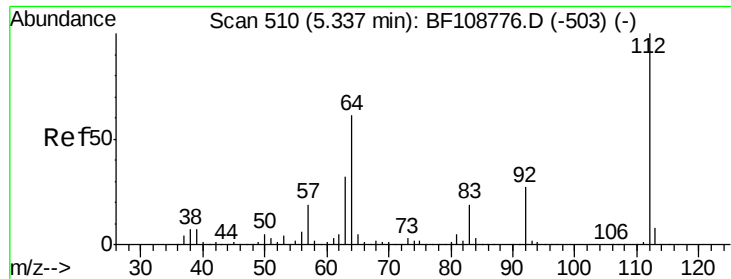
74 142.5 104.9 157.3

44 7.2 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 103.147 ng

RT: 5.36 min Scan# 514

Delta R.T. 0.02 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampled :

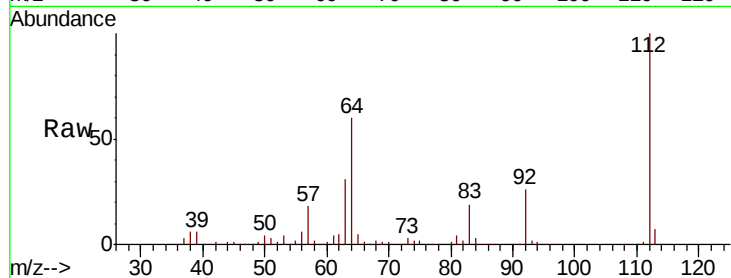
Tot Ion:112 Resp: 1077946

Ion Ratio Lower Upper

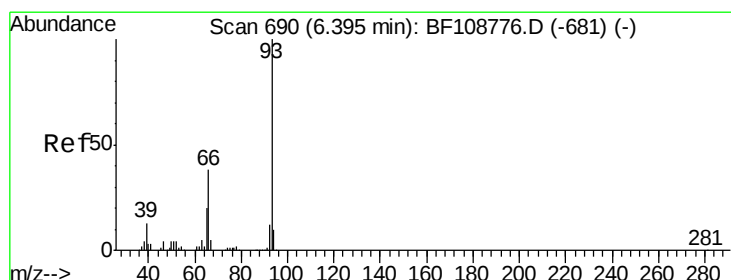
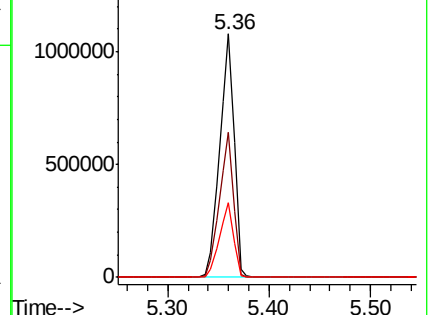
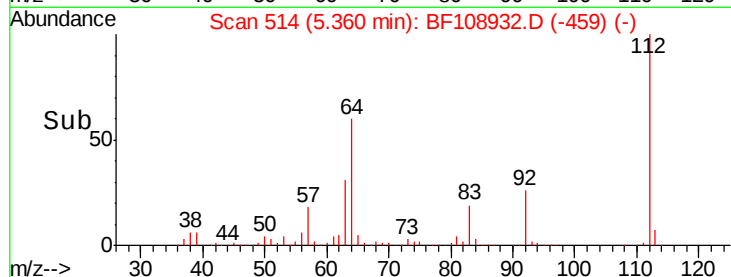
112 100

64 59.8 47.9 71.9

63 30.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.176 ng

RT: 6.40 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

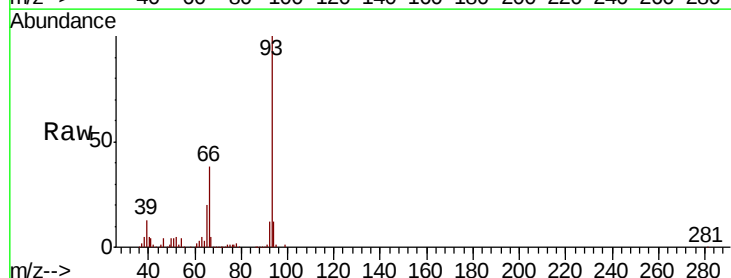
Tgt Ion: 93 Resp: 563818

Ion Ratio Lower Upper

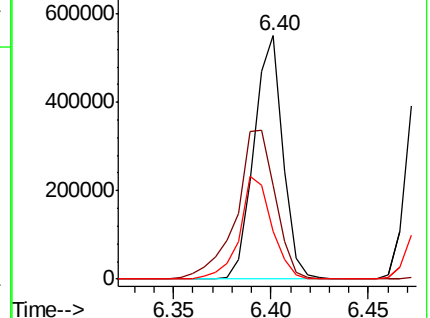
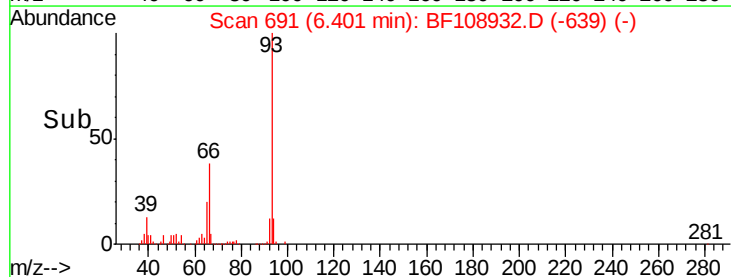
93 100

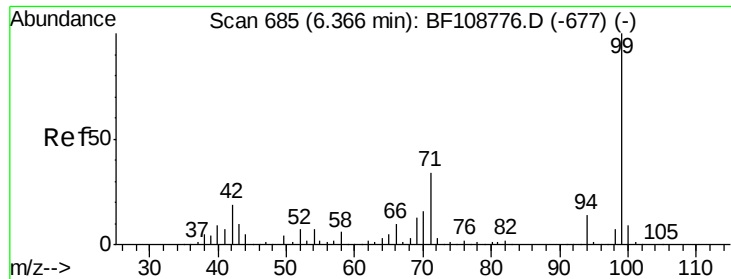
66 38.4 32.2 48.2

65 19.8 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: 103.047 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

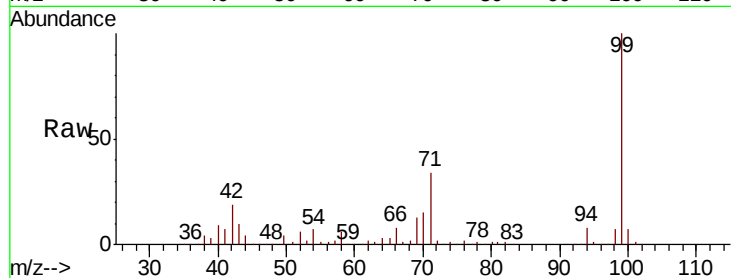
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1385606

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	33.9	25.4	38.0

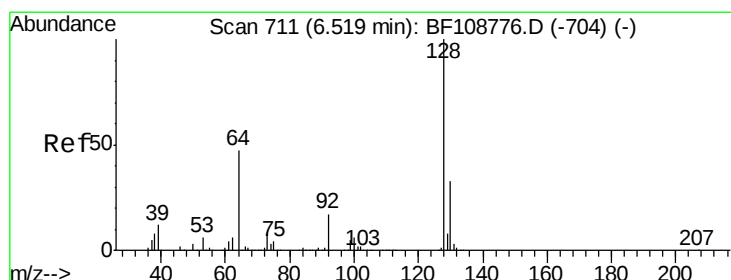
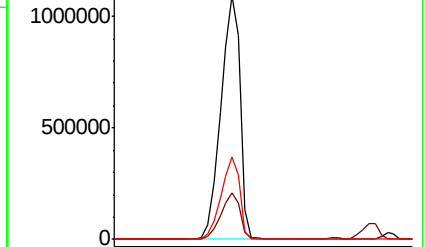
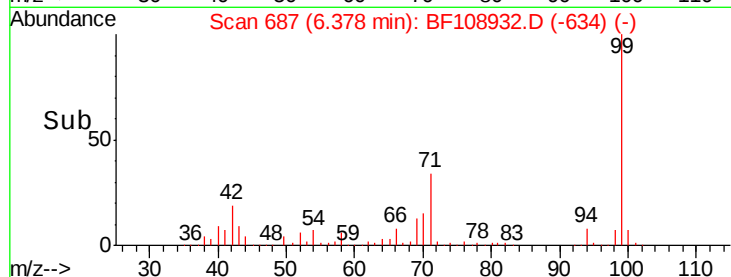


Abundance

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: 41.216 ng

RT: 6.52 min Scan# 712

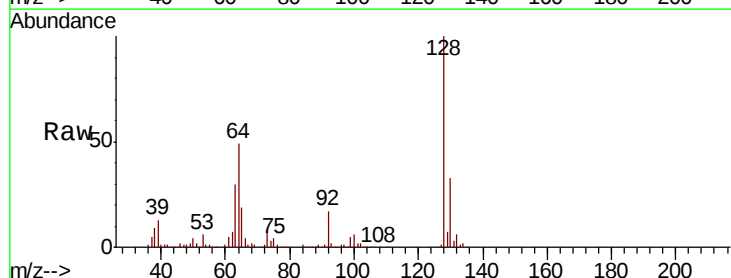
Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Tgt Ion: 128 Resp: 476772

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.0	53.0
64	49.0	29.4	69.4

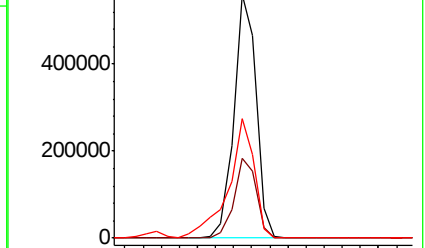
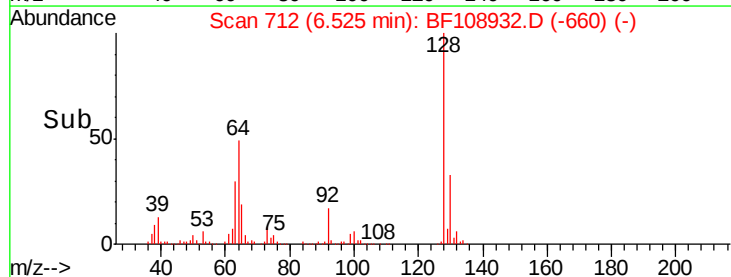


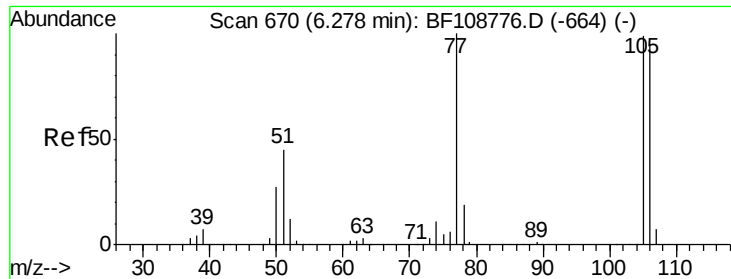
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.552 ng

RT: 6.28 min Scan# 671

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :

BNA_F

ClientSampleId :

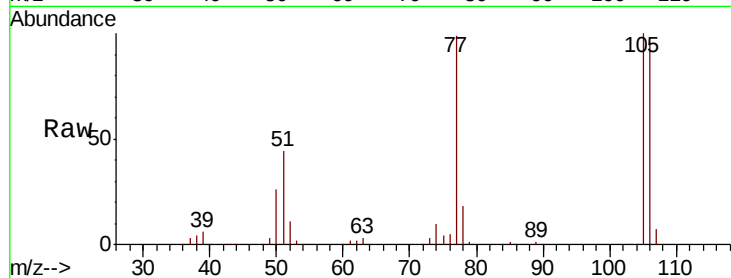
Tot Ion: 77 Resp: 262822

Ion Ratio Lower Upper

77 100

105 101.2 81.1 121.1

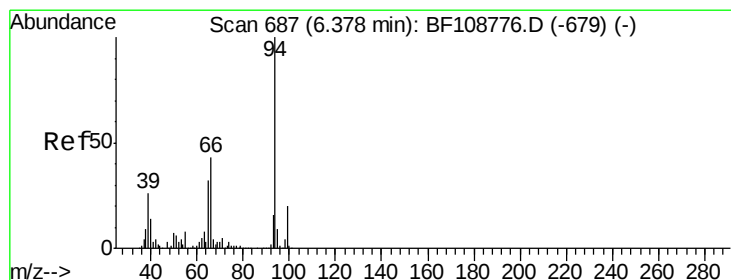
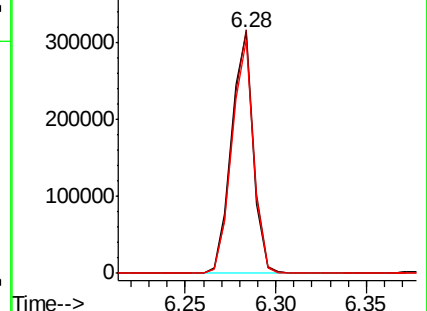
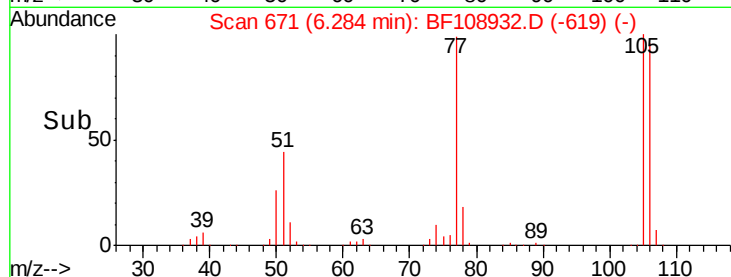
106 97.0 74.5 114.5



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: 38.609 ng

RT: 6.39 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

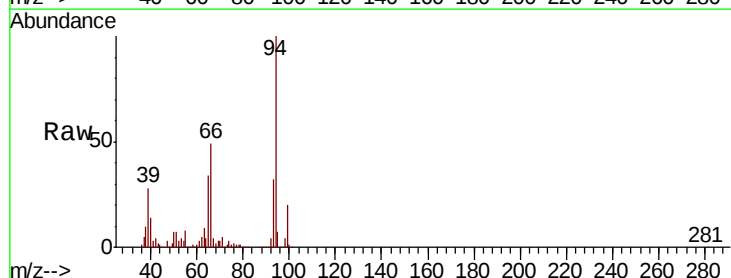
Tgt Ion: 94 Resp: 594619

Ion Ratio Lower Upper

94 100

65 33.8 7.9 47.9

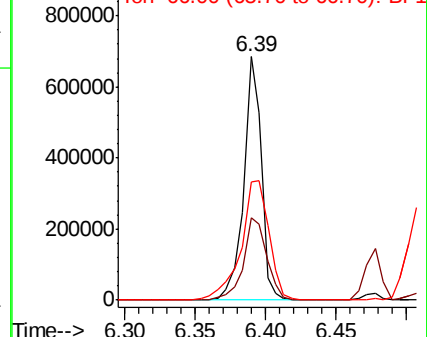
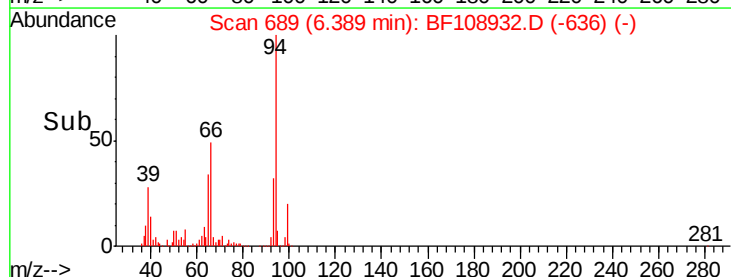
66 48.6 16.2 56.2

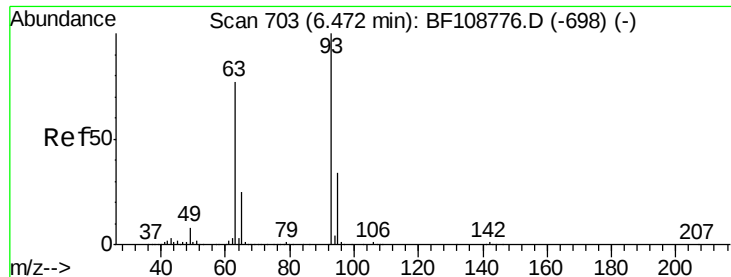


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

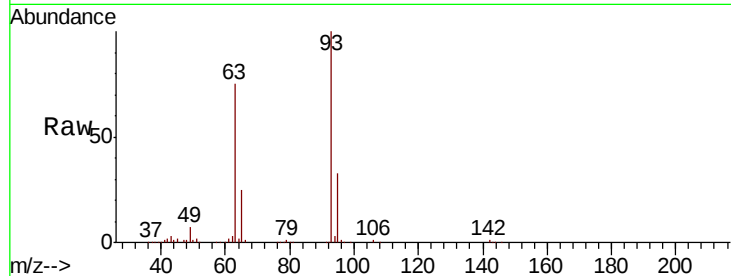




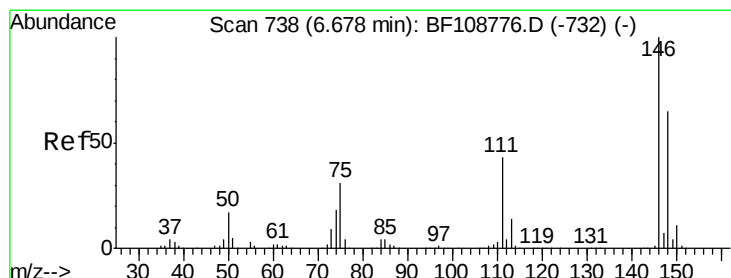
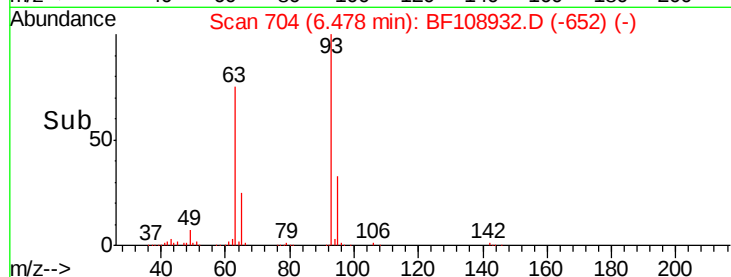
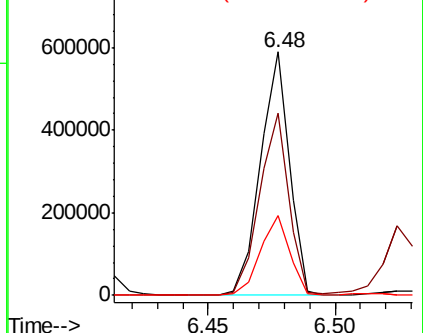
#11
 bis(2-Chloroethyl)ether
 Concen: 38.160 ng
 RT: 6.48 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 470801
 Ion Ratio Lower Upper
 93 100
 63 74.8 58.6 98.6
 95 32.9 11.8 51.8

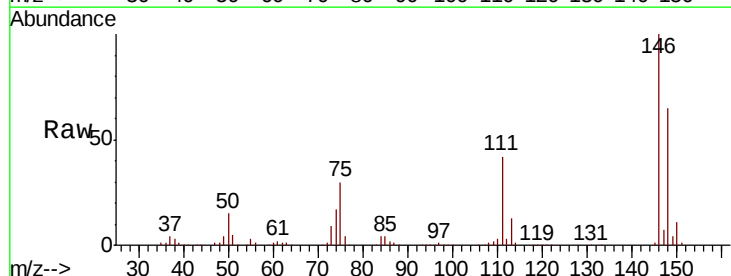


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

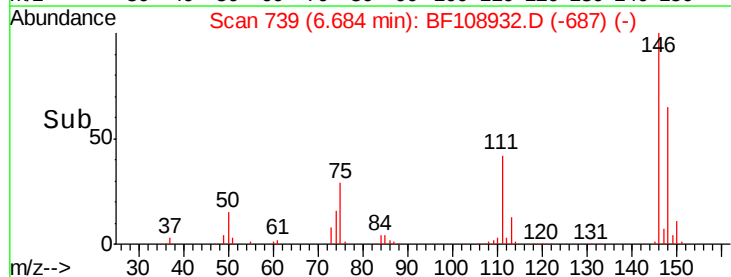
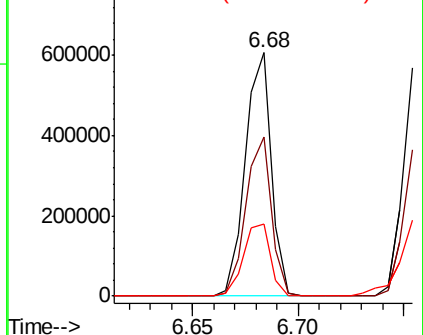


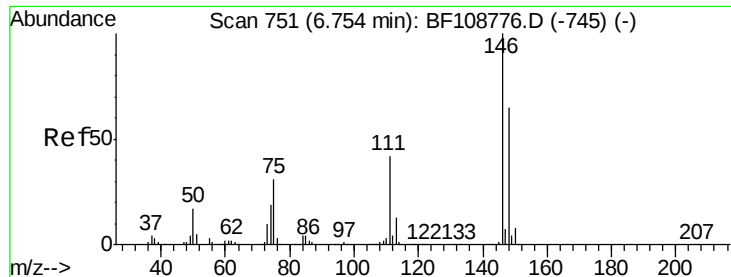
#12
 1,3-Dichlorobenzene
 Concen: 39.198 ng
 RT: 6.68 min Scan# 739
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion: 146 Resp: 517424
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.8 77.8
 75 29.7 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: 39.340 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :

BNA_F

ClientSampleId :

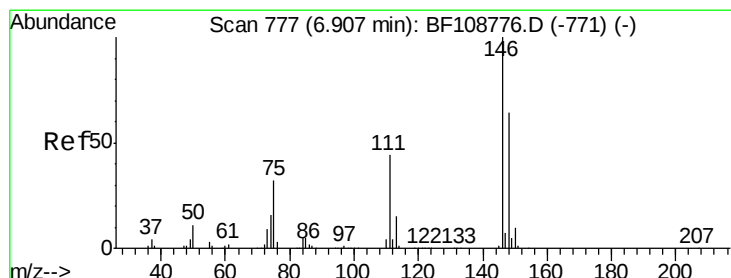
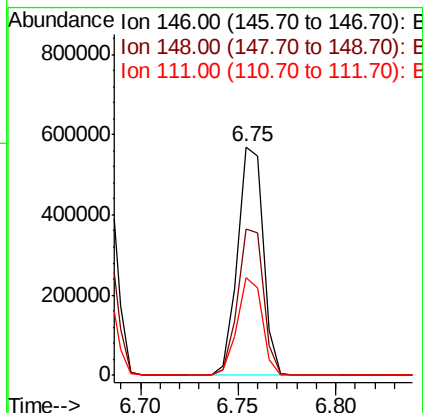
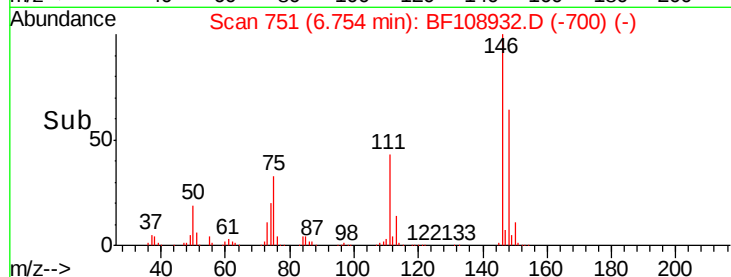
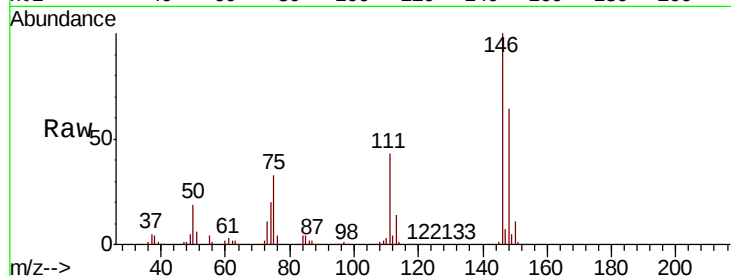
Tot Ion:146 Resp: 519316

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

111 42.7 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 39.937 ng

RT: 6.91 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

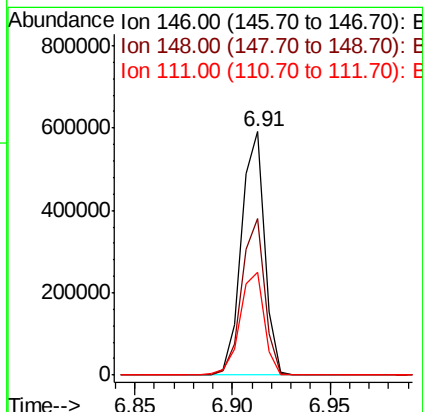
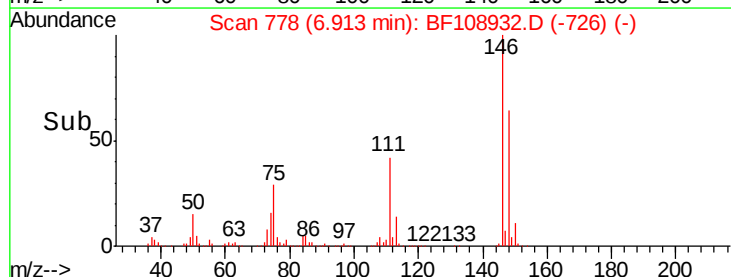
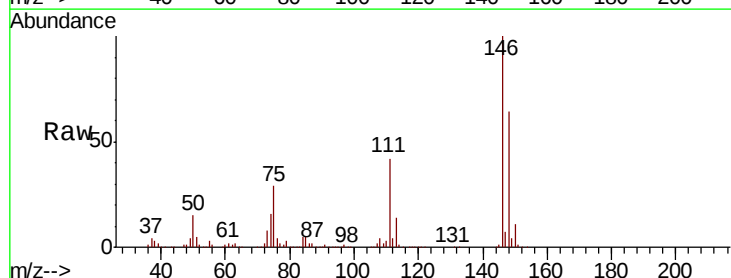
Tgt Ion:146 Resp: 485938

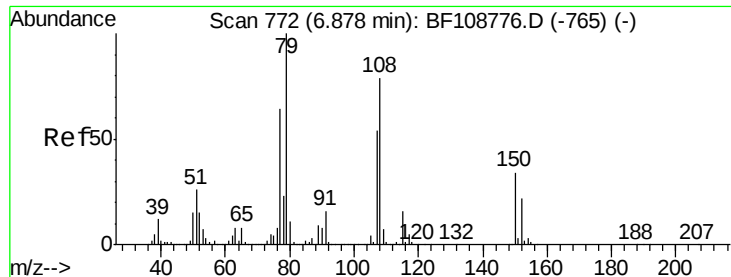
Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

111 42.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.659 ng

RT: 6.88 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :

BNA_F

ClientSampled :

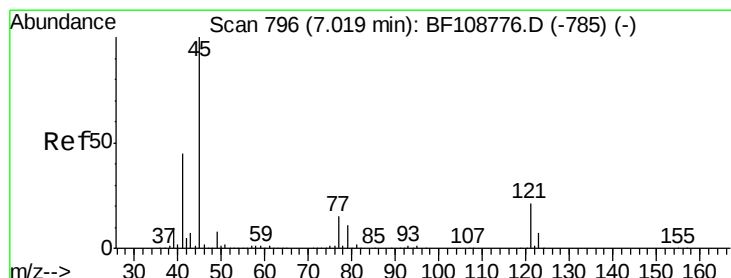
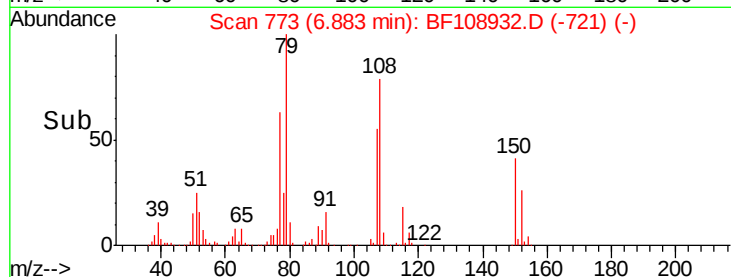
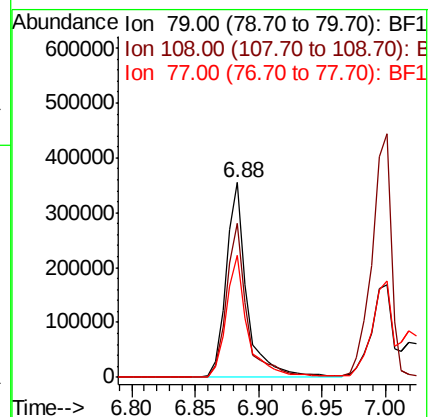
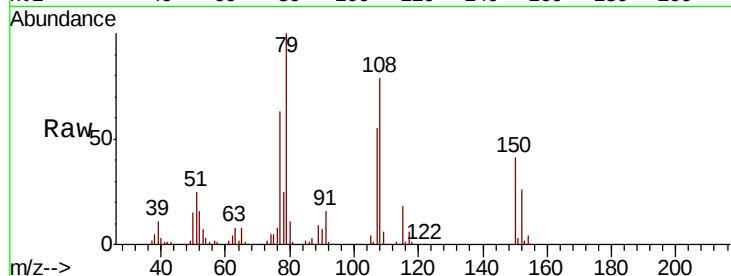
Tot Ion: 79 Resp: 409245

Ion Ratio Lower Upper

79 100

108 79.2 65.1 97.7

77 63.0 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.764 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

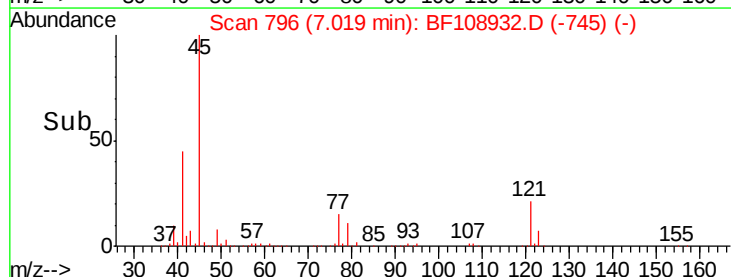
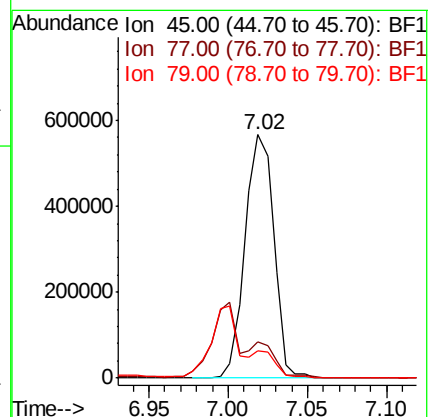
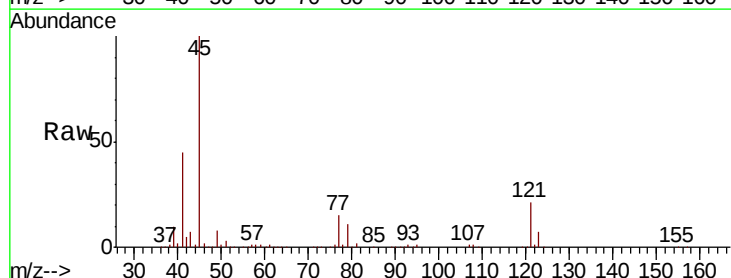
Tgt Ion: 45 Resp: 714890

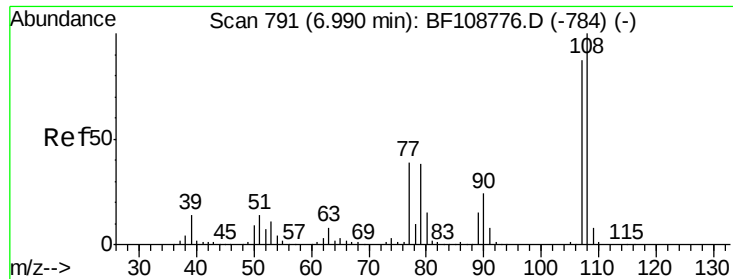
Ion Ratio Lower Upper

45 100

77 14.8 0.0 32.9

79 11.2 0.0 29.6

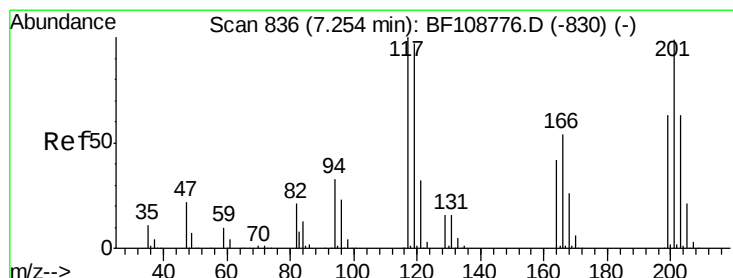
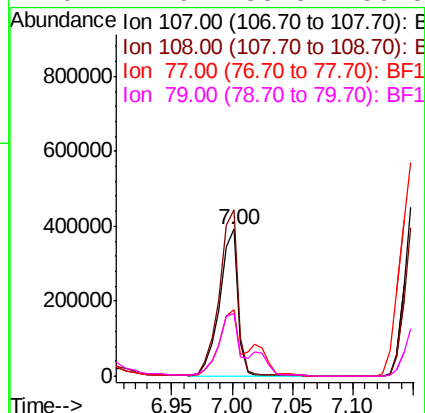
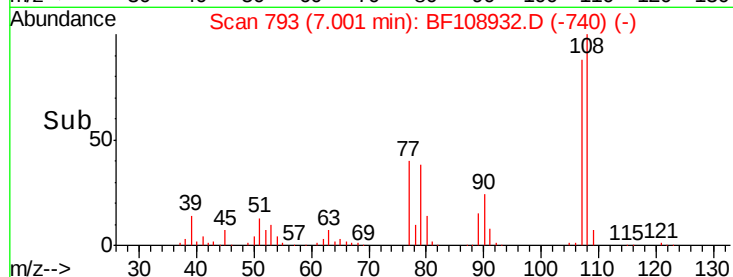
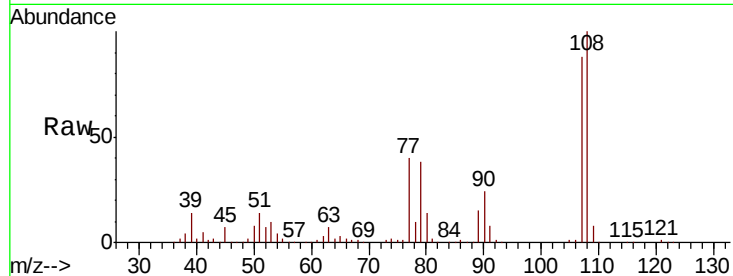




#17
2-Methylphenol
Concen: 41.707 ng
RT: 7.00 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

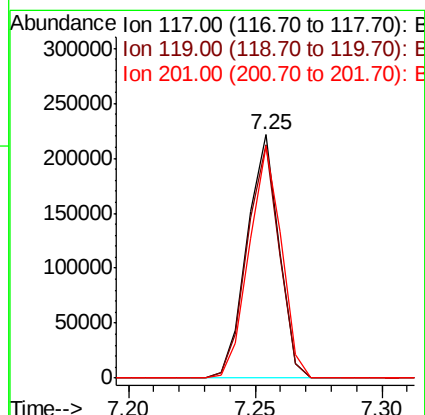
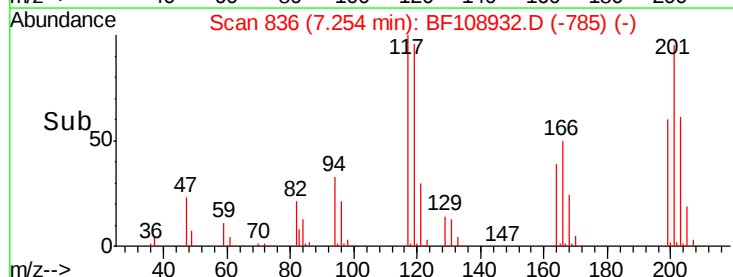
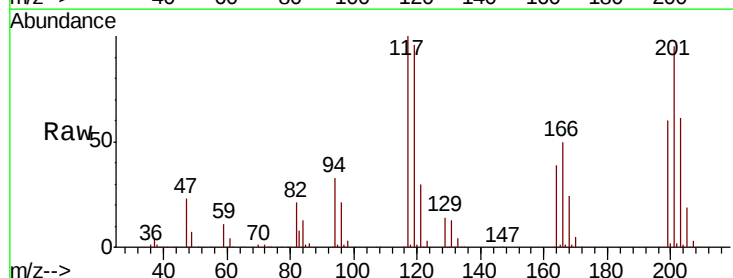
Instrument :
BNA_F
ClientSampled :

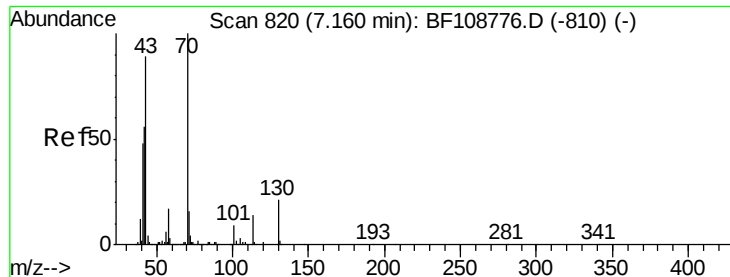
Tot Ion:107 Resp: 407711
Ion Ratio Lower Upper
107 100
108 113.4 91.7 137.5
77 45.0 33.8 50.8
79 42.9 33.8 50.8



#18
Hexachloroethane
Concen: 40.804 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion:117 Resp: 194219
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8
201 95.3 75.7 113.5

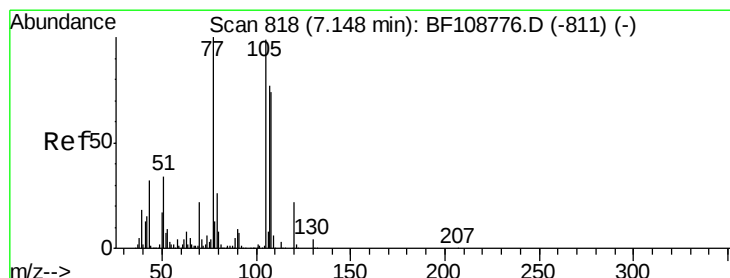
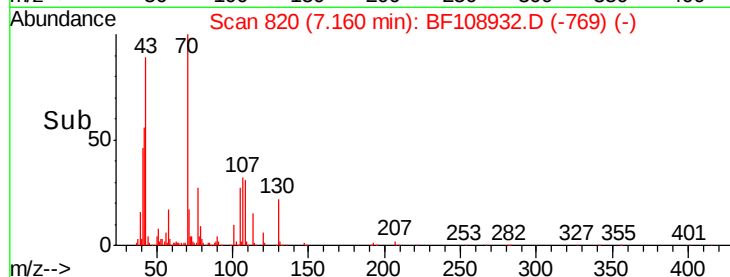
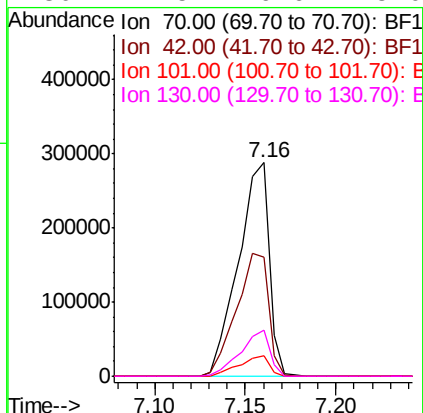
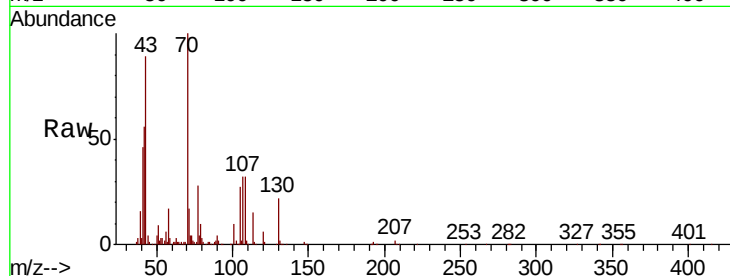




#19
n-Nitroso-di-n-propylamine
Concen: 36.477 ng
RT: 7.16 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

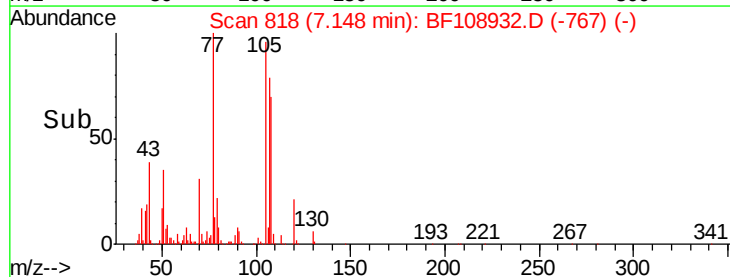
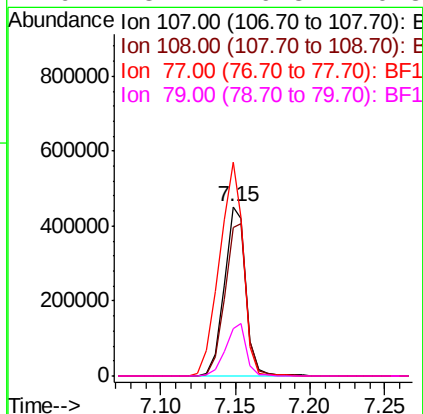
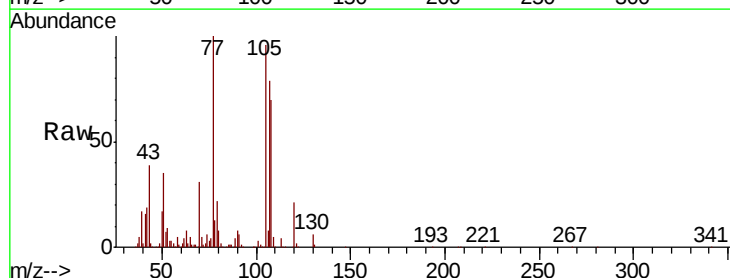
Instrument :
BNA_F
ClientSampleId :

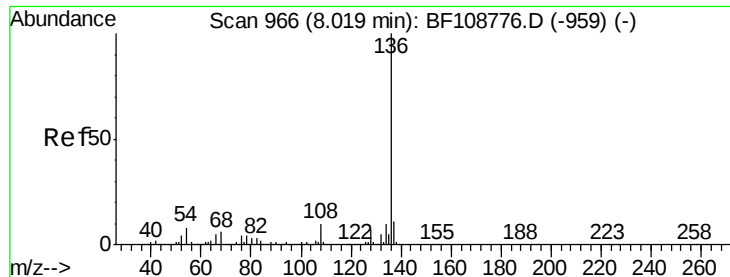
Tot Ion:	70	Resp:	340933
Ion	Ratio	Lower	Upper
70	100		
42	55.6	47.5	71.3
101	9.5	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.191 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion:	107	Resp:	460241
Ion	Ratio	Lower	Upper
107	100		
108	87.9	68.2	108.2
77	126.2	26.7	66.7#
79	28.2	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 710989

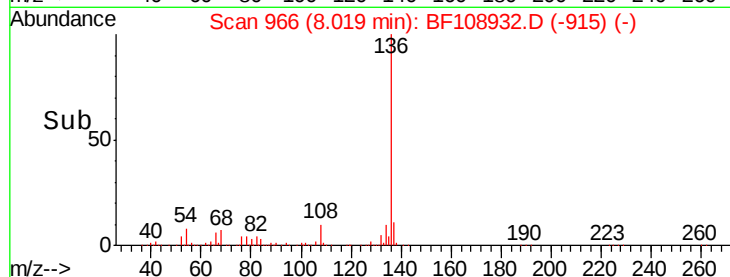
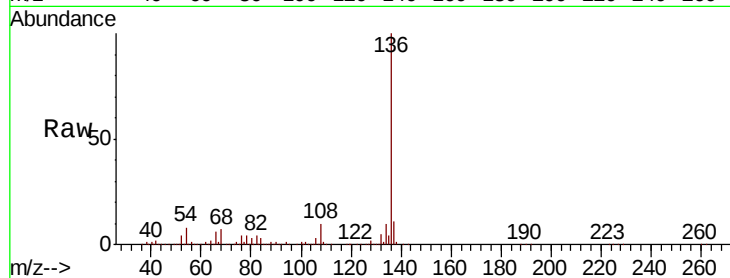
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 8.1 6.6 9.8

68 7.0 5.0 7.4

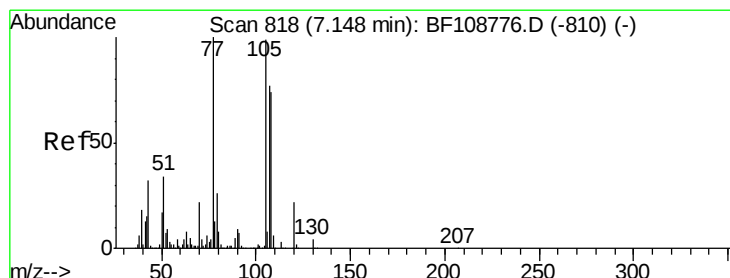
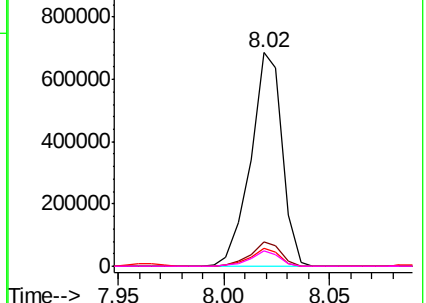


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.833 ng

RT: 7.15 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Tgt Ion:105 Resp: 642738

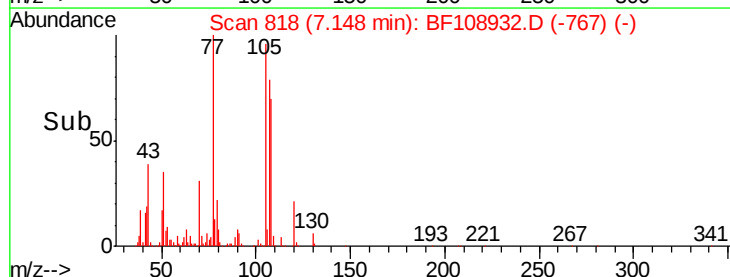
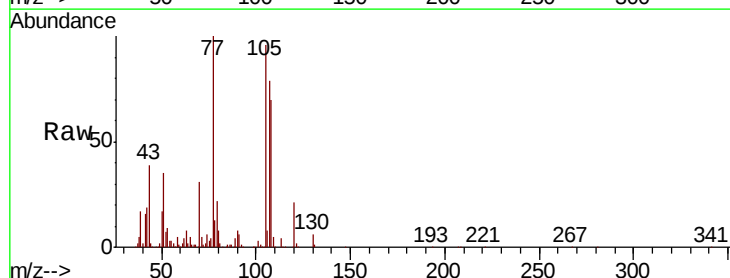
Ion Ratio Lower Upper

105 100

71 5.2 4.4 6.6

51 36.1 22.3 33.5#

120 22.0 16.9 25.3

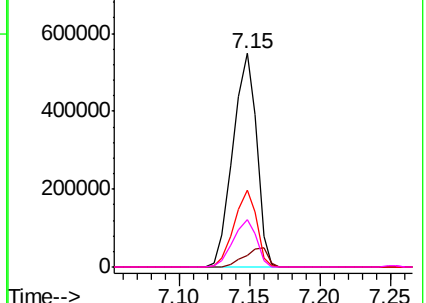


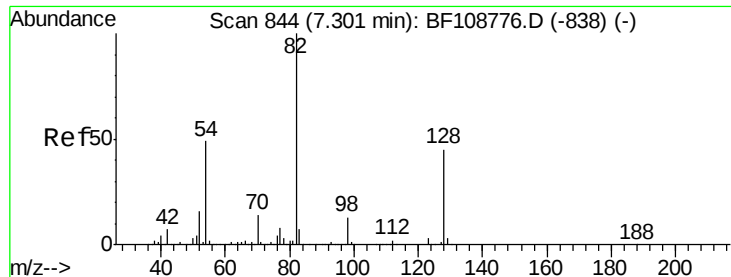
Abundance Ion 105.00 (104.70 to 105.70): E

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

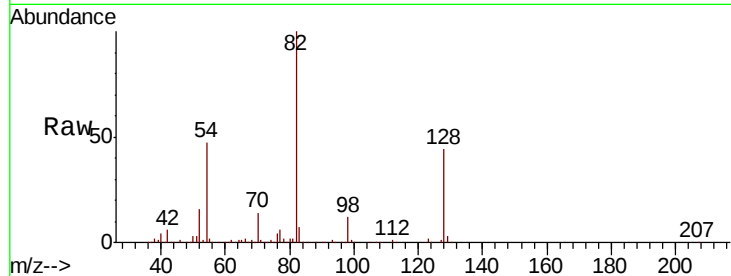




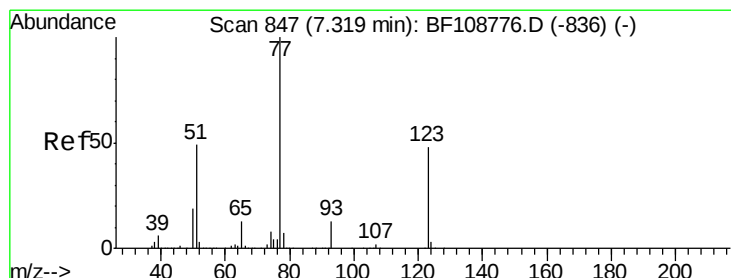
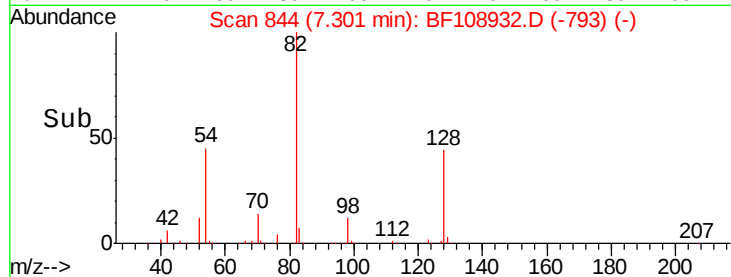
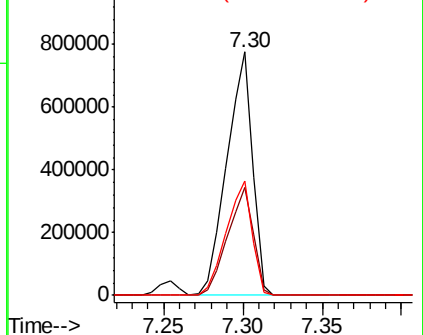
#23
Nitrobenzene-d5
Concen: 76.682 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	871189
Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	47.0	41.4	62.2

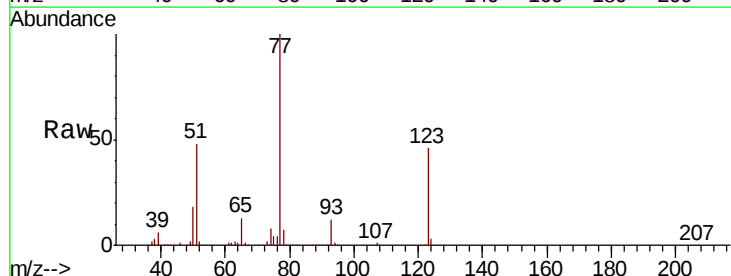


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

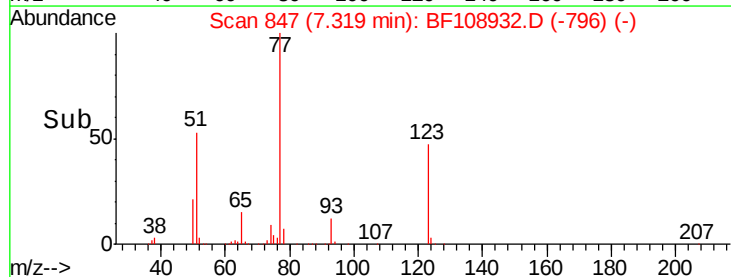
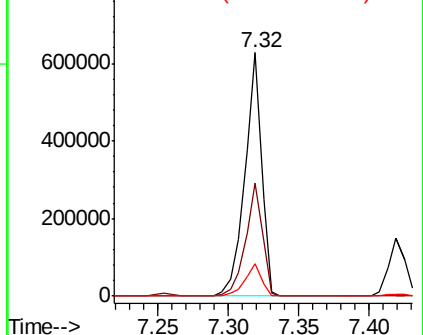


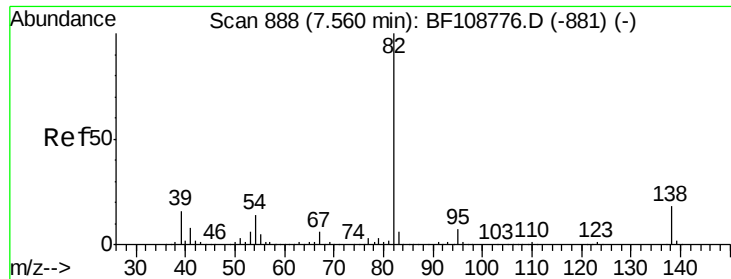
#24
Nitrobenzene
Concen: 42.603 ng
RT: 7.32 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	77	Resp	519339
Ion	Ratio	Lower	Upper
77	100		
123	46.3	37.9	56.9
65	13.3	11.0	16.4



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

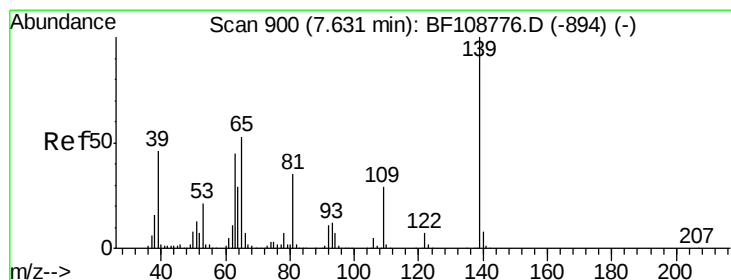
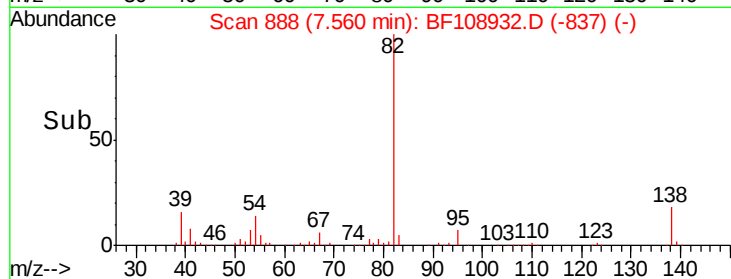
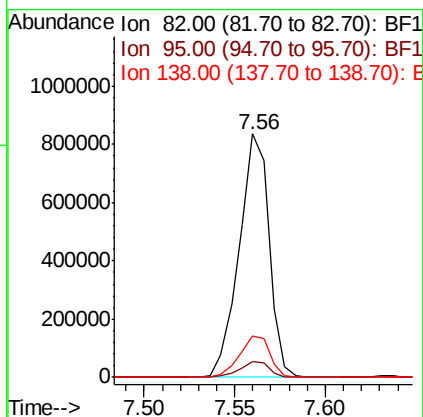
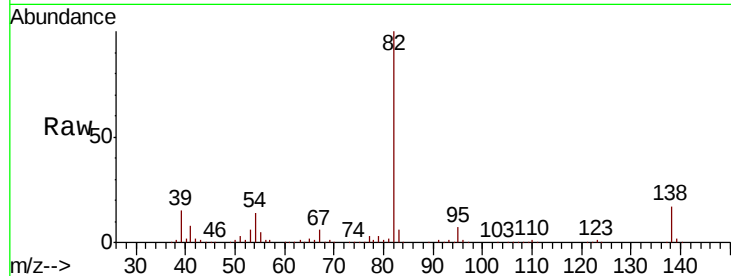




#25
Isophorone
Concen: 42.414 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

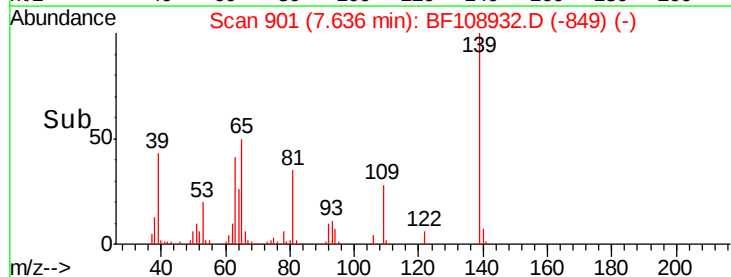
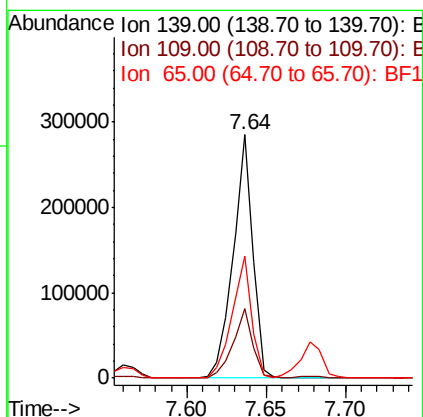
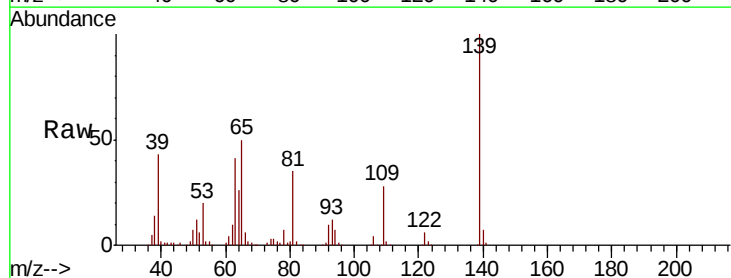
Instrument :
BNA_F
ClientSampleId :

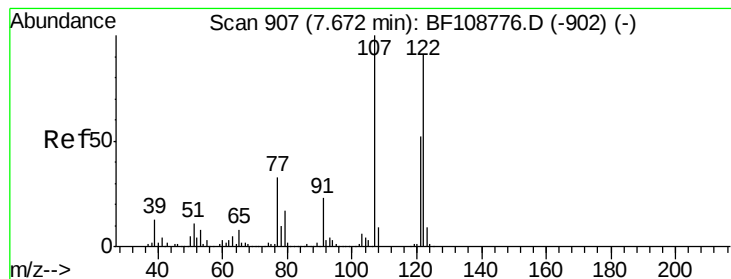
Tot Ion: 82 Resp: 961176
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 17.1 14.9 22.3



#26
2-Nitrophenol
Concen: 51.122 ng
RT: 7.64 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion: 139 Resp: 245517
Ion Ratio Lower Upper
139 100
109 28.5 22.7 34.1
65 50.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 45.071 ng

RT: 7.68 min Scan# 908

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :

BNA_F

ClientSampled :

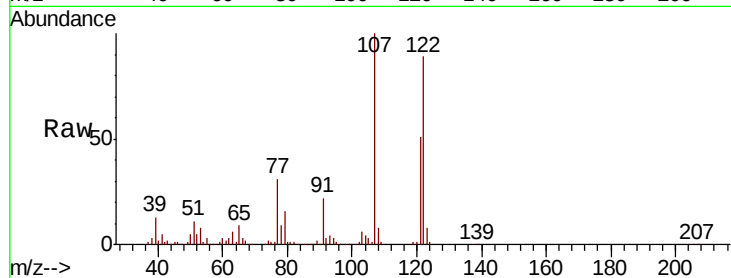
Tot Ion:122 Resp: 439553

Ion Ratio Lower Upper

122 100

107 112.3 91.2 136.8

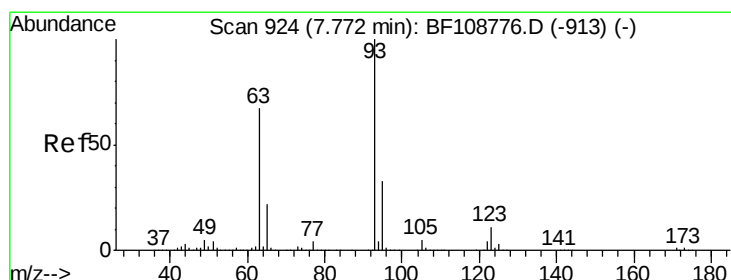
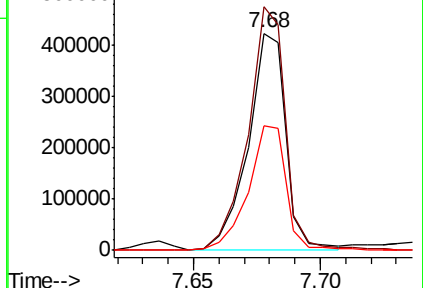
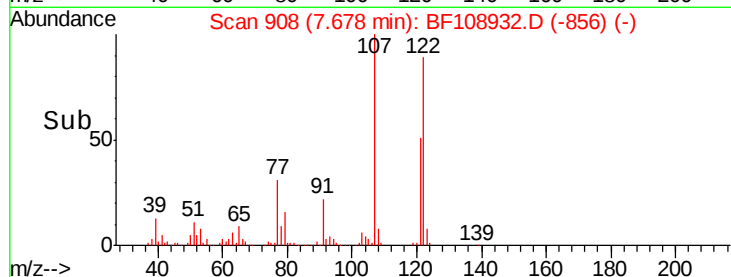
121 57.7 47.2 70.8



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: 40.112 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

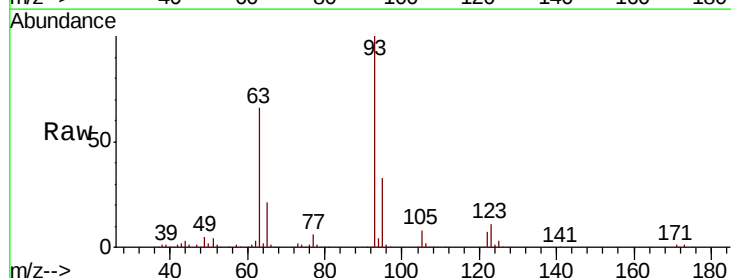
Tgt Ion: 93 Resp: 607750

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

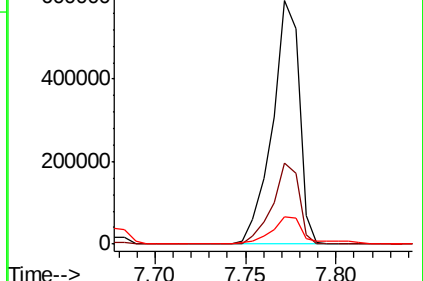
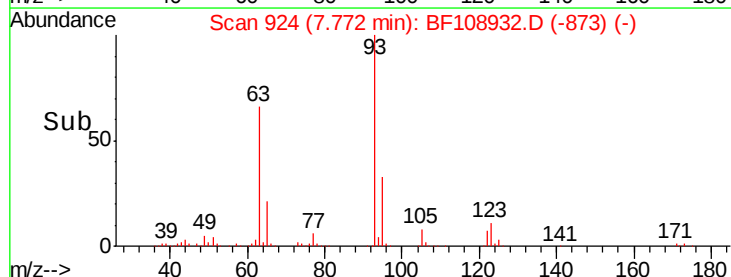
123 11.2 9.8 14.6

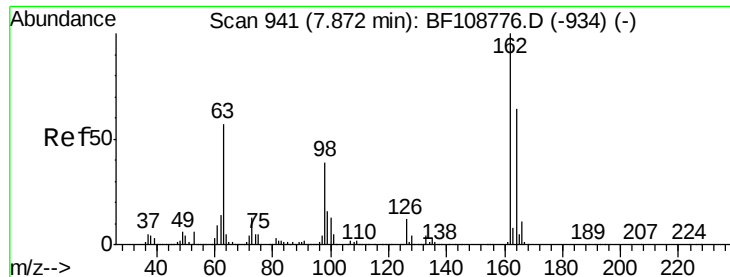


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

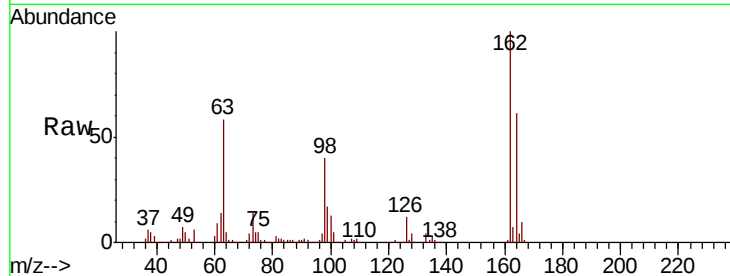




#29
 2,4-Dichlorophenol
 Concen: 41.347 ng
 RT: 7.88 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.9	42.7	82.7
98	39.8	18.1	58.1

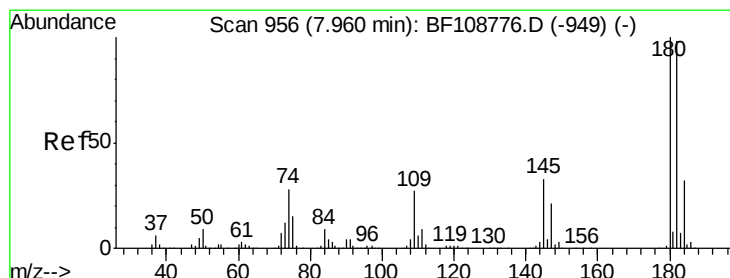
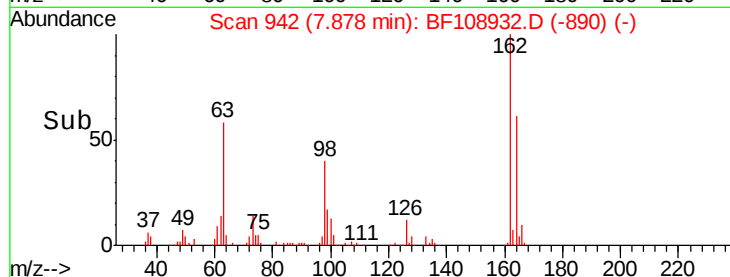
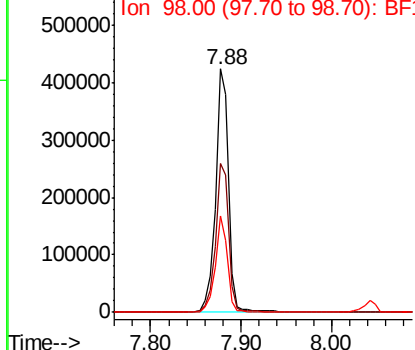


Abundance

Ion 162.00 (161.70 to 162.70): E

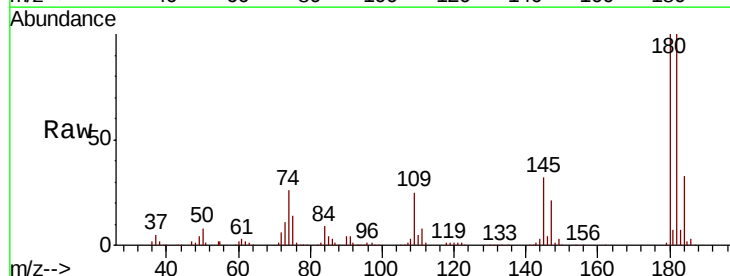
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.799 ng
 RT: 7.97 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.7	76.8	115.2
145	31.7	26.5	39.7

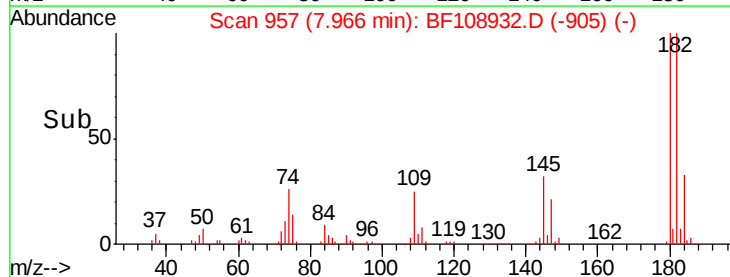
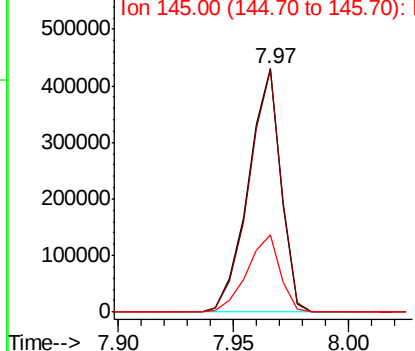


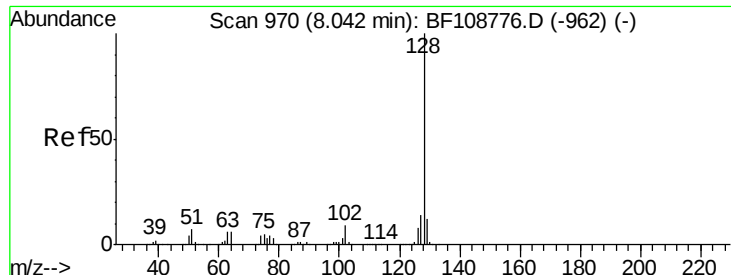
Abundance

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

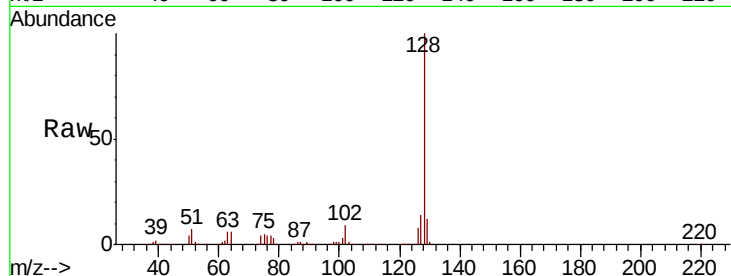




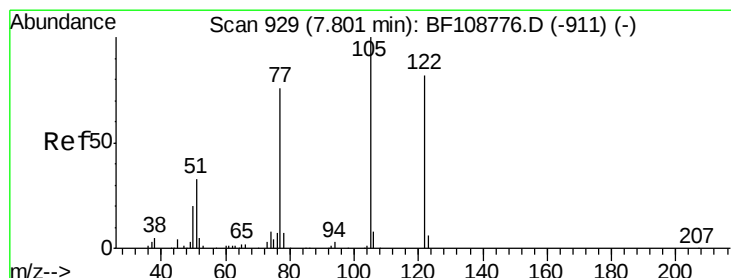
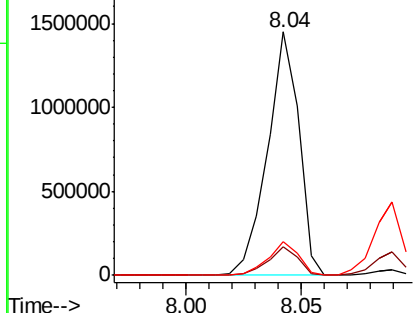
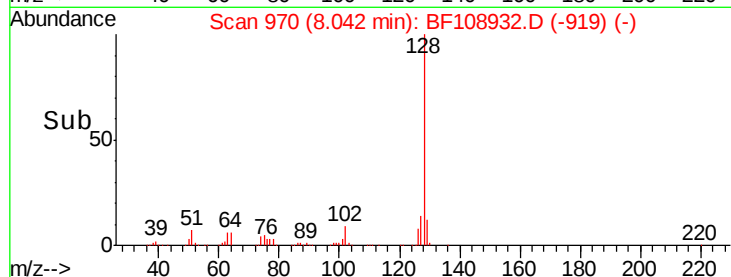
#31
Naphthalene
Concen: 42.816 ng
RT: 8.04 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1369575
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.9 10.9 16.3

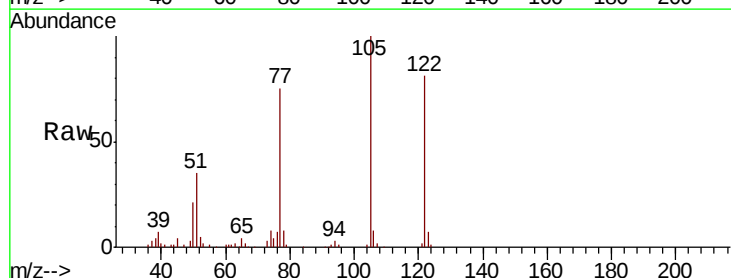


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

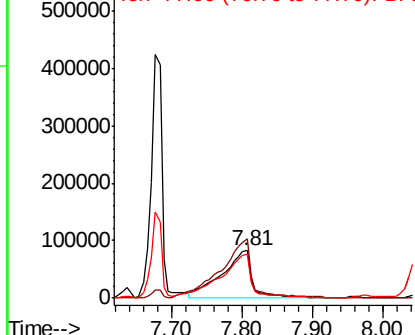
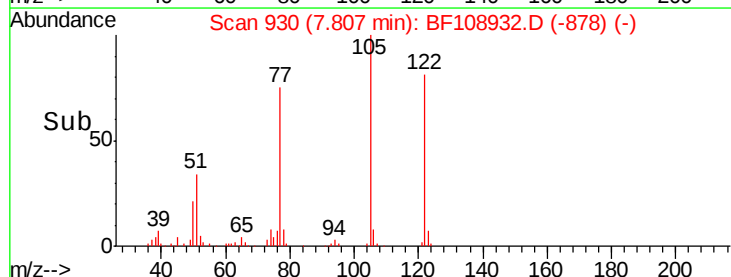


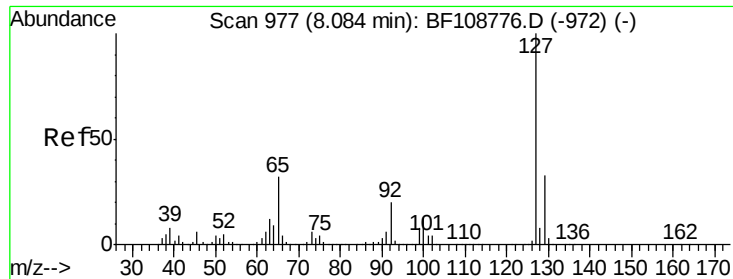
#32
Benzoic acid
Concen: 39.852 ng
RT: 7.81 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion:122 Resp: 244410
Ion Ratio Lower Upper
122 100
105 123.2 101.1 141.1
77 92.9 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

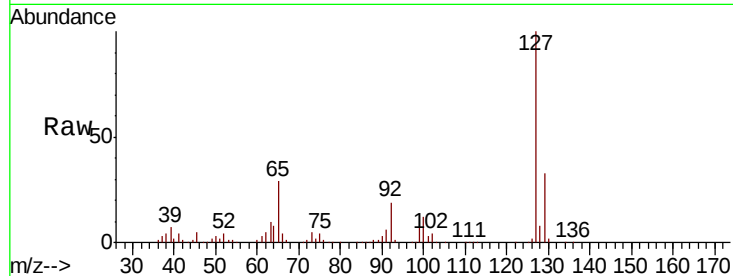




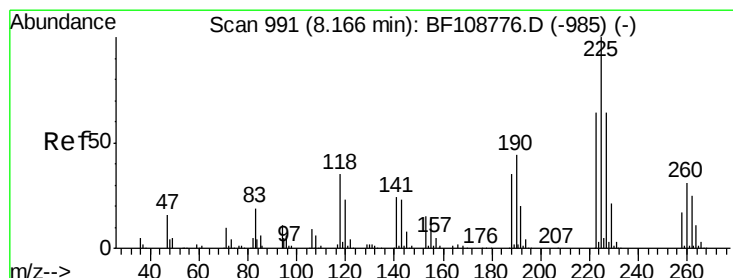
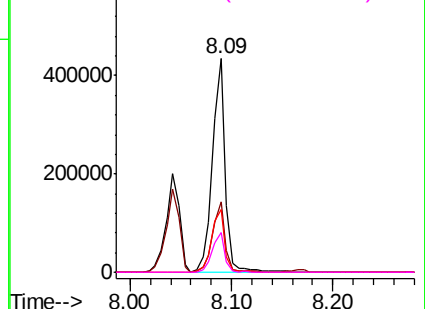
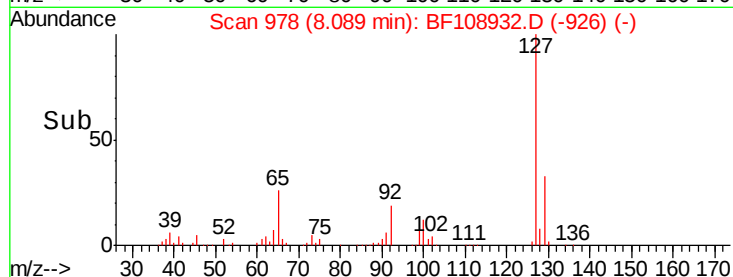
#33
4-Chloroaniline
Concen: 26.047 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	382654
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	29.2	25.0	37.4
92	18.6	15.2	22.8

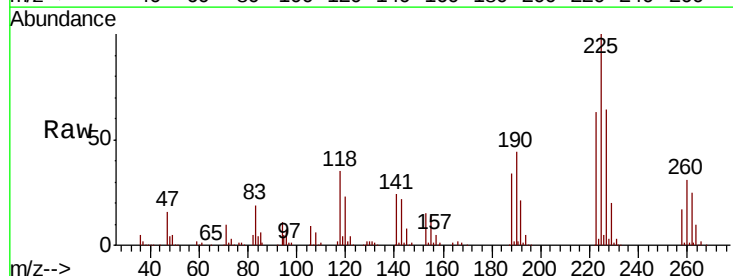


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

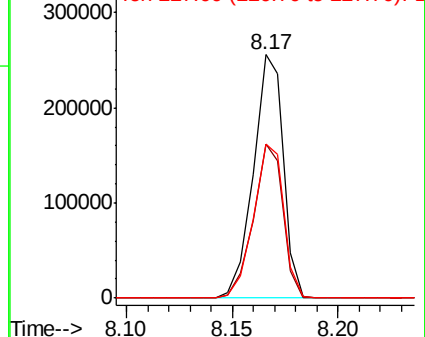
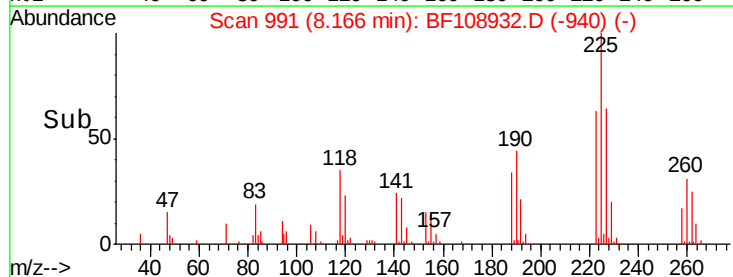


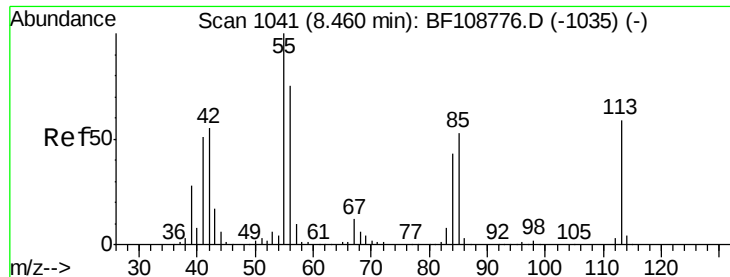
#34
Hexachlorobutadiene
Concen: 38.873 ng
RT: 8.17 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion:	225	Resp:	253084
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	63.5	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

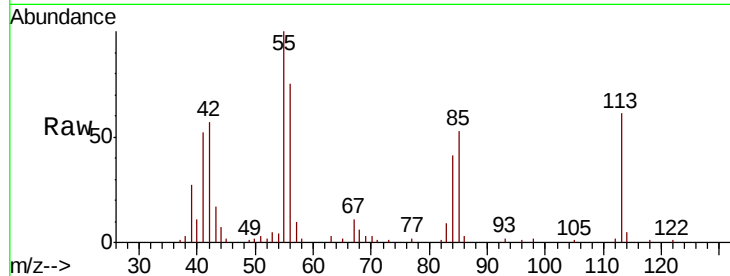




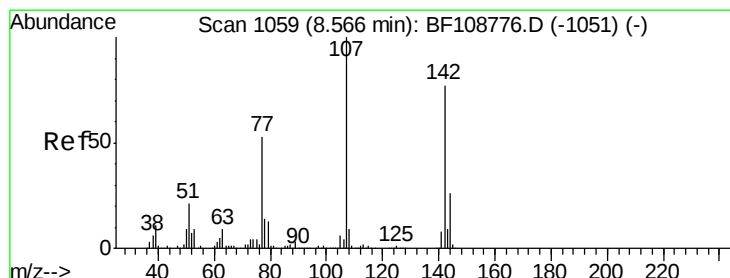
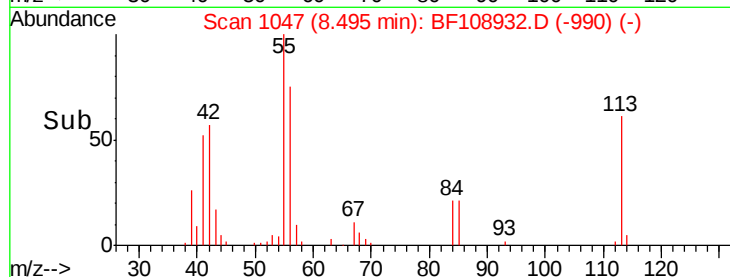
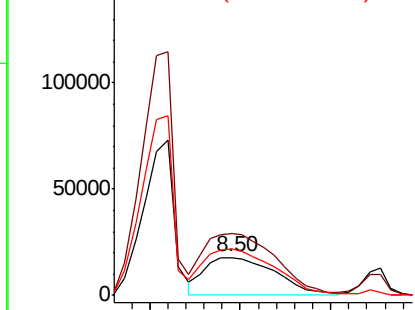
#35
 Caprolactam
 Concen: 14.363 ng
 RT: 8.50 min Scan# 1047
 Delta R.T. 0.04 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 48944
 Ion Ratio Lower Upper
 113 100
 55 164.5 163.3 203.3
 56 124.0 115.7 155.7

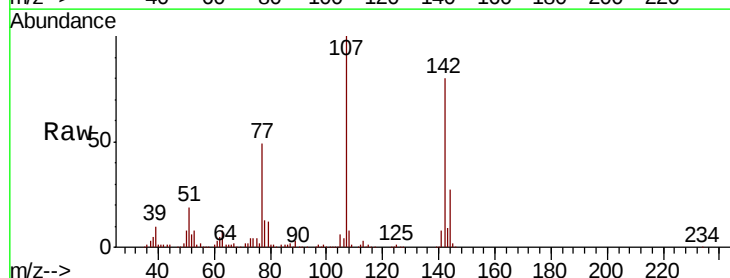


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

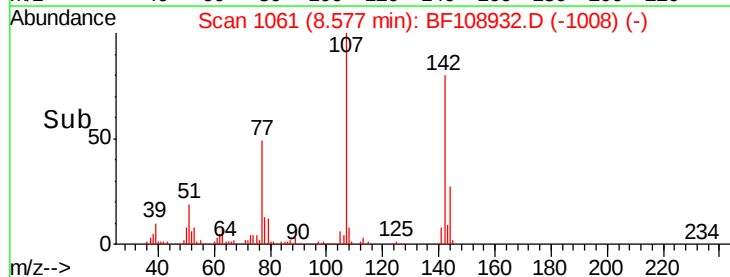
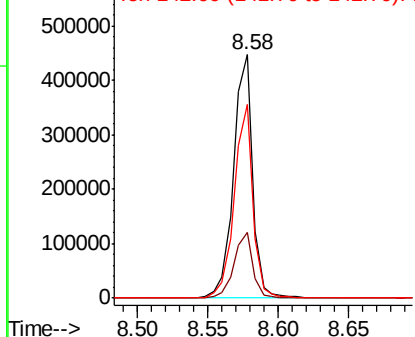


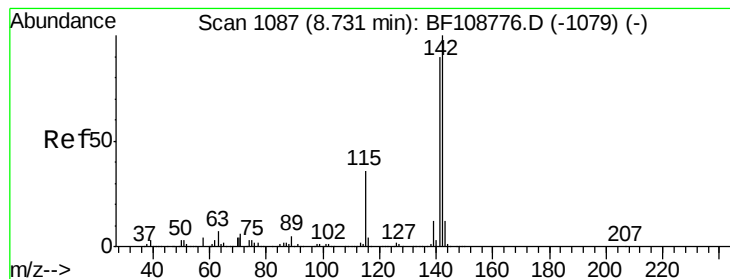
#36
 4-Chloro-3-methylphenol
 Concen: 39.486 ng
 RT: 8.58 min Scan# 1061
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion:107 Resp: 423003
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.5 30.7
 142 79.6 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.524 ng

RT: 8.74 min Scan# 1088

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :

BNA_F

ClientSampleId :

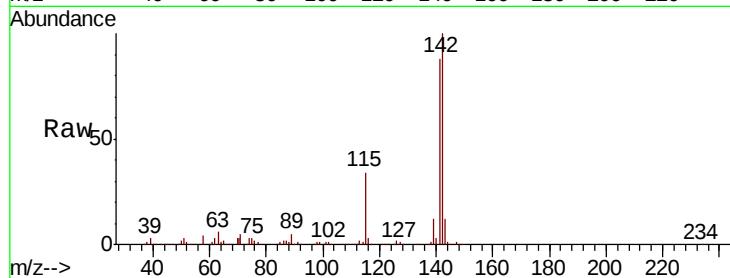
Tot Ion:142 Resp: 919763

Ion Ratio Lower Upper

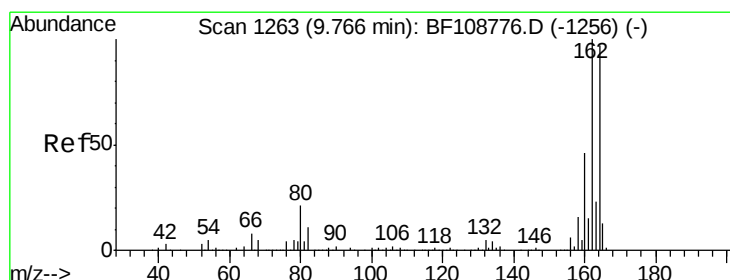
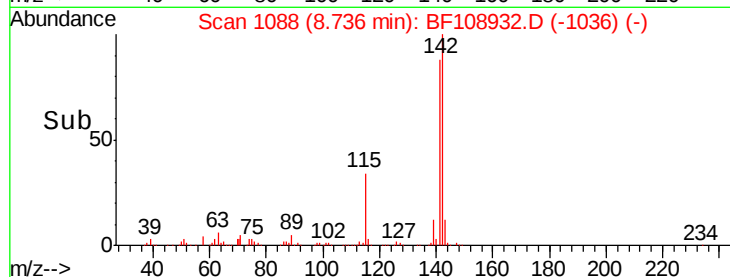
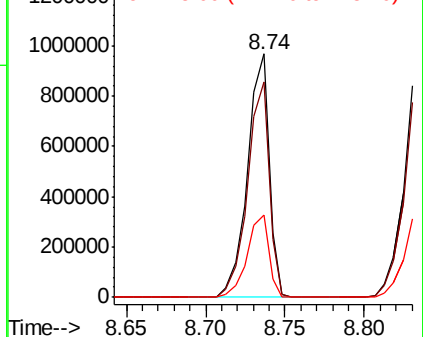
142 100

141 88.5 70.8 106.2

115 34.1 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: 9.77 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

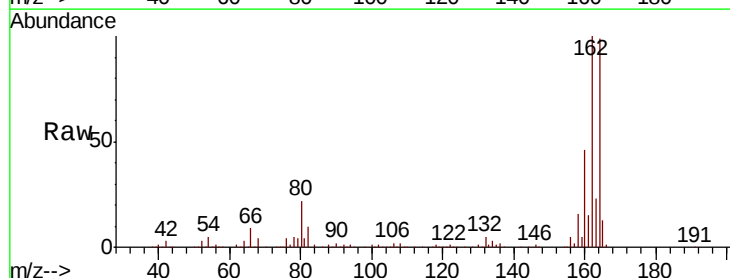
Tgt Ion:164 Resp: 345264

Ion Ratio Lower Upper

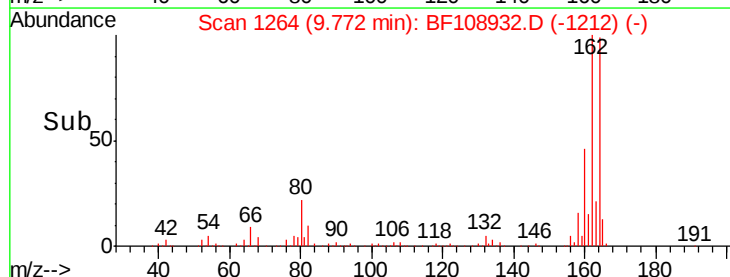
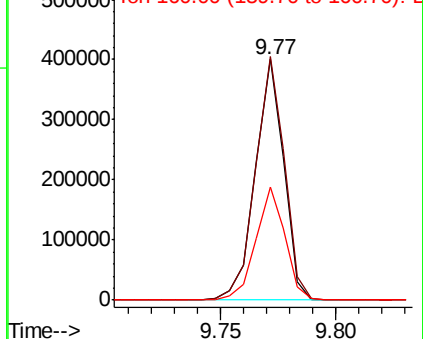
164 100

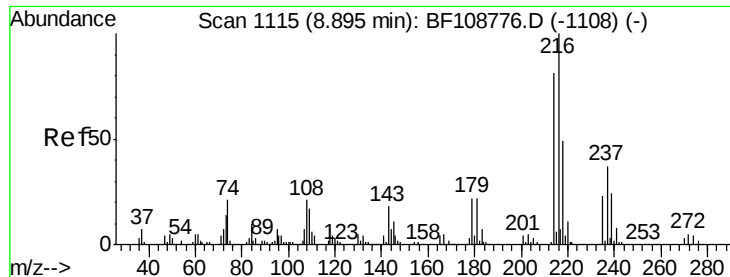
162 101.3 86.1 129.1

160 46.8 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.667 ng

RT: 8.90 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 399082

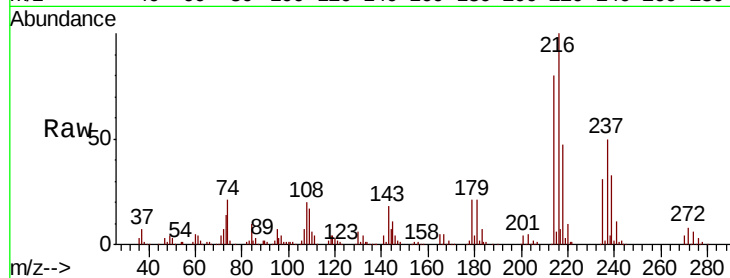
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 20.4 18.1 27.1

108 21.6 17.2 25.8

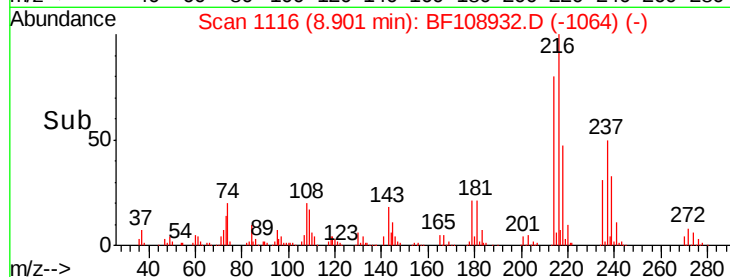


Abundance Ion 216.00 (215.70 to 216.70): E

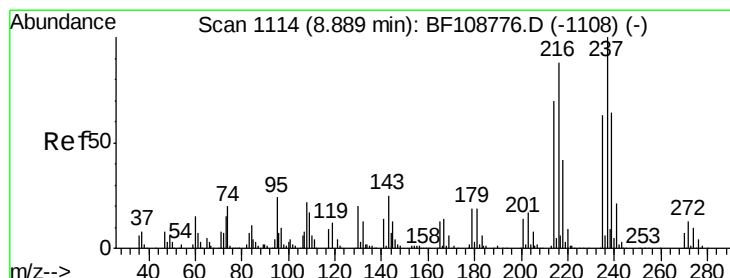
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 96.013 ng

RT: 8.90 min Scan# 1115

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

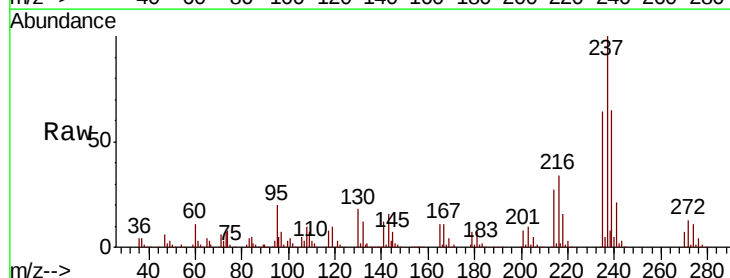
Tgt Ion:237 Resp: 498523

Ion Ratio Lower Upper

237 100

235 64.1 44.8 84.8

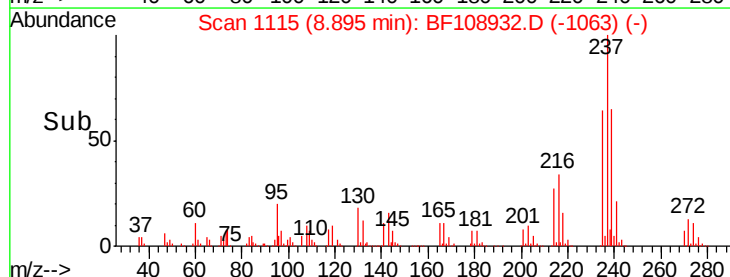
272 13.4 0.0 33.3



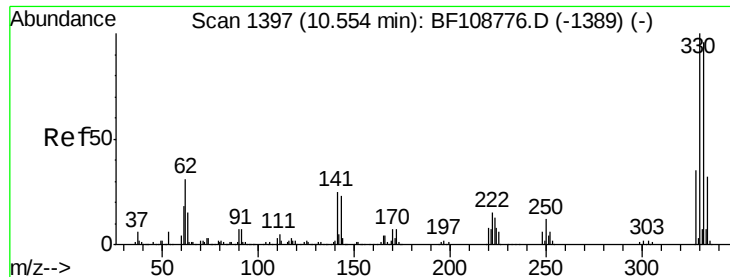
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 112.751 ng

RT: 10.56 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :

BNA_F

ClientSampled :

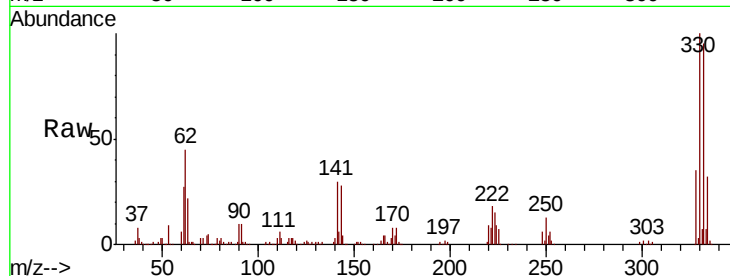
Tot Ion:330 Resp: 371634

Ion Ratio Lower Upper

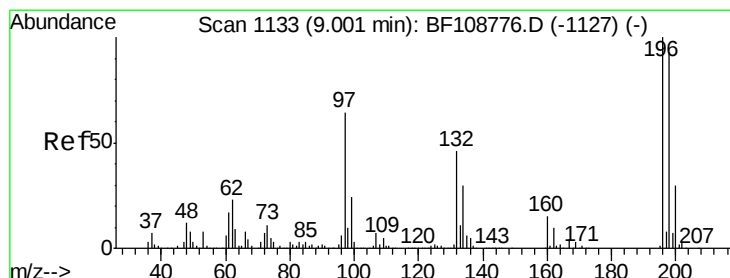
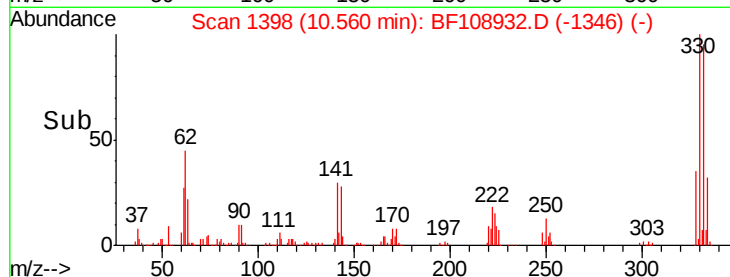
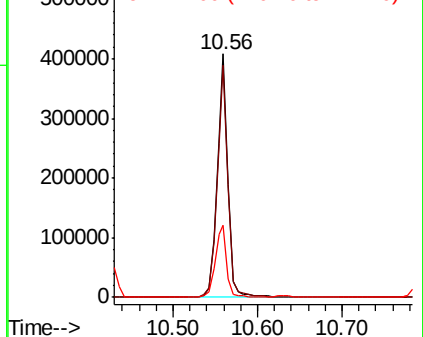
330 100

332 96.0 77.0 115.6

141 31.8 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 41.556 ng

RT: 9.01 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

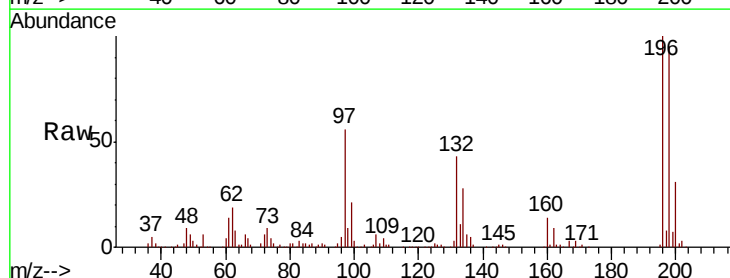
Tgt Ion:196 Resp: 292135

Ion Ratio Lower Upper

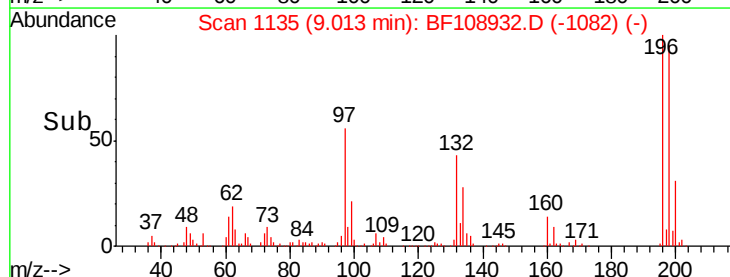
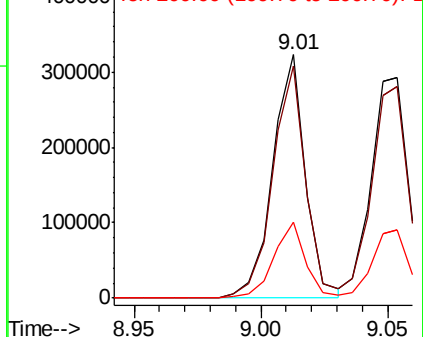
196 100

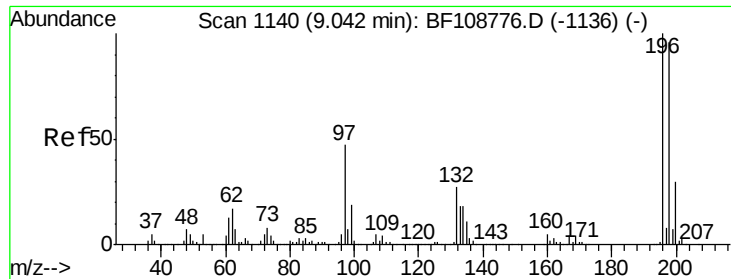
198 95.2 75.7 113.5

200 31.4 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

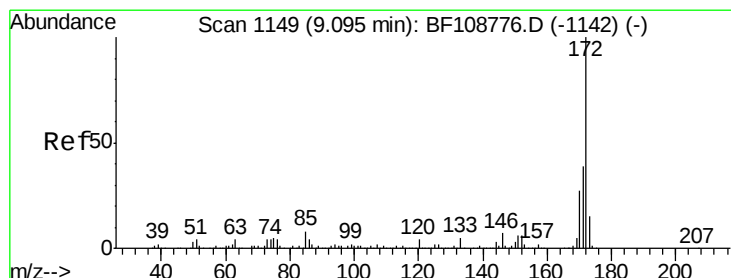
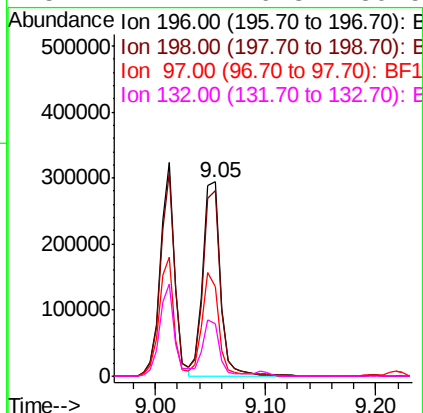
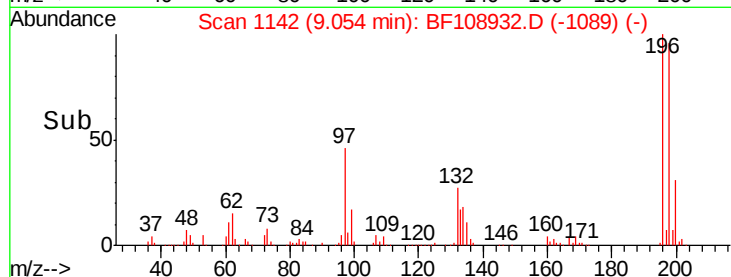
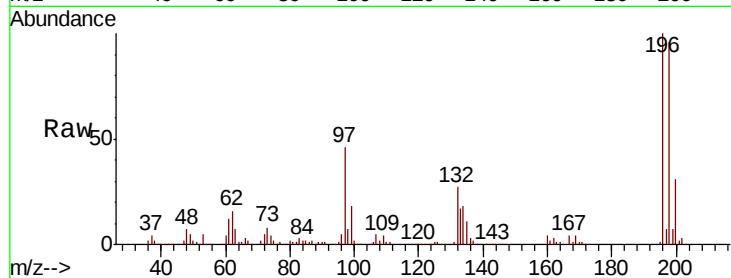




#43
 2,4,5-Trichlorophenol
 Concen: 43.119 ng
 RT: 9.05 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

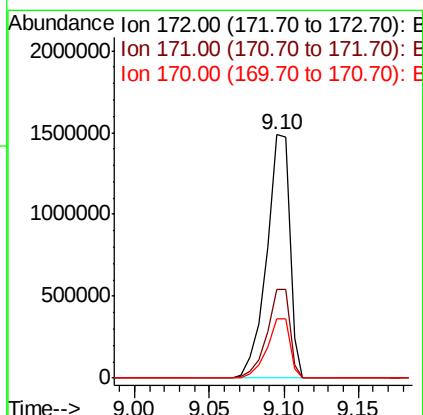
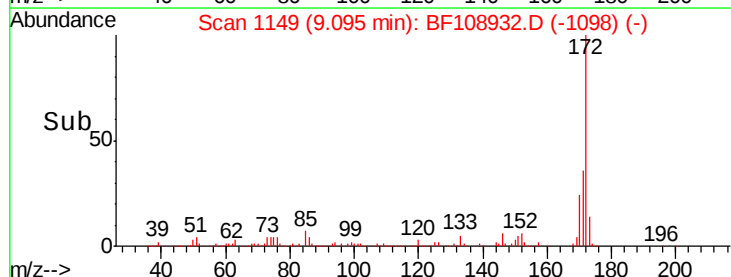
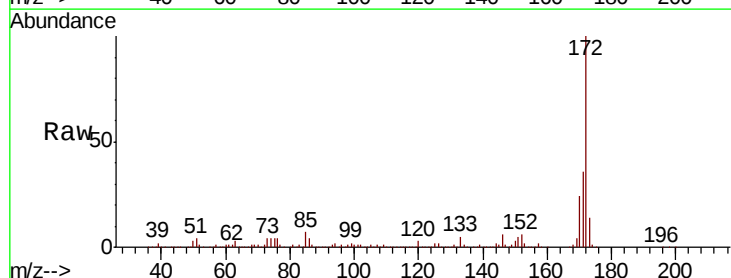
Instrument :
 BNA_F
 ClientSampled :

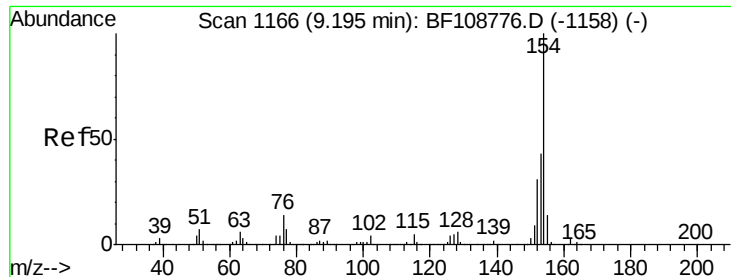
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.6	112.0
97	46.1	42.9	64.3
132	27.2	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 78.378 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4



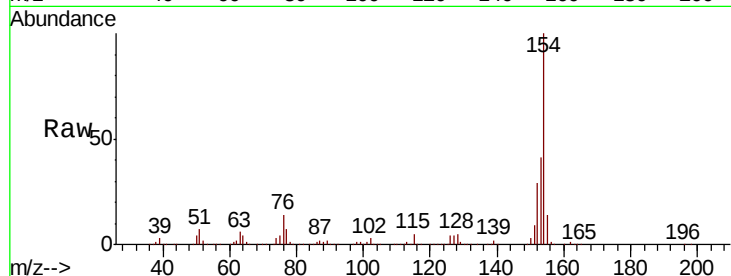


#45
 1,1'-Biphenyl
 Concen: 40.864 ng
 RT: 9.20 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

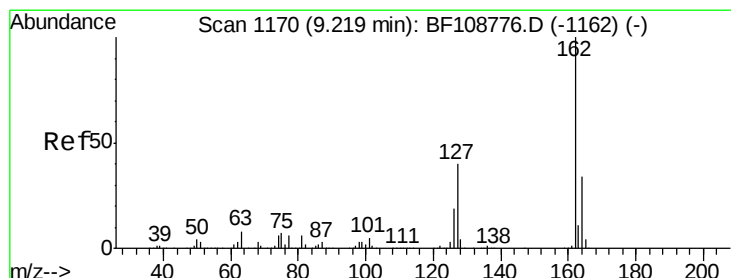
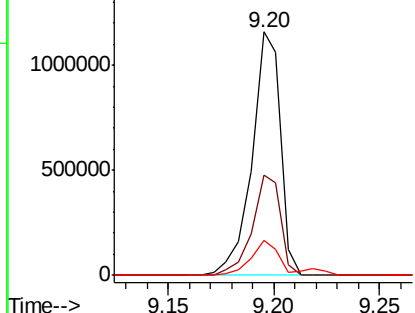
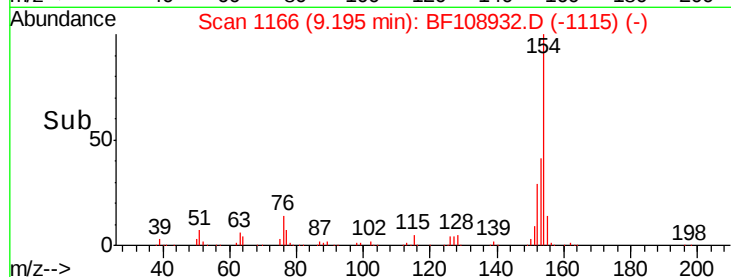
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1086193

Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	14.2	0.0	34.0



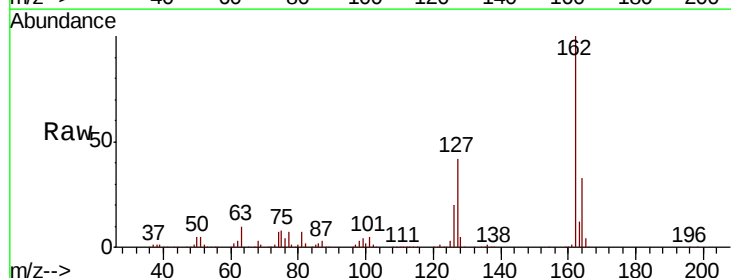
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



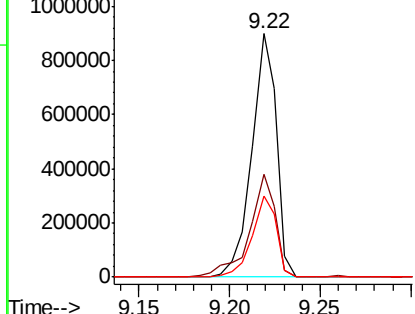
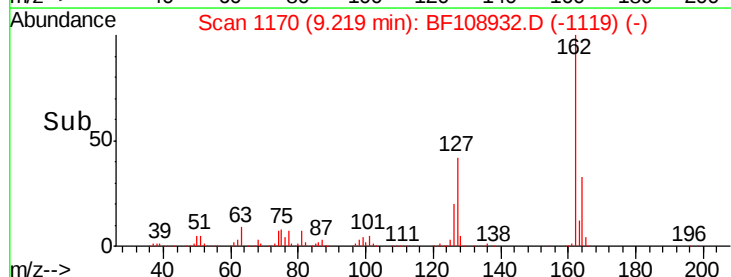
#46
 2-Chloronaphthalene
 Concen: 39.357 ng
 RT: 9.22 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

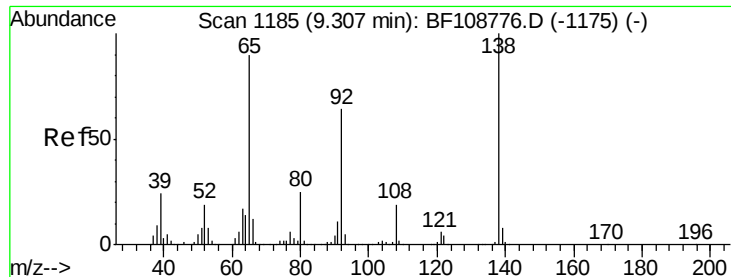
Tgt Ion:162 Resp: 846052

Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.9	50.9
164	33.1	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

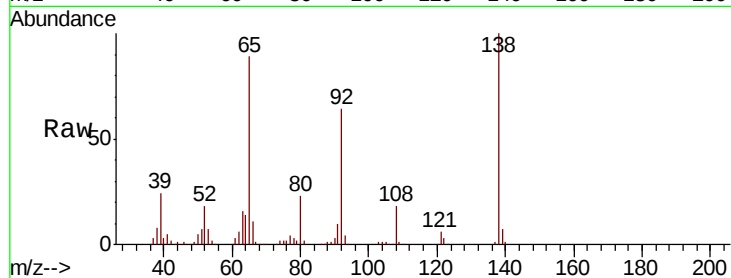




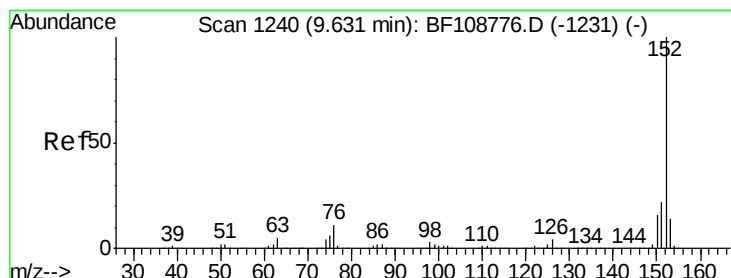
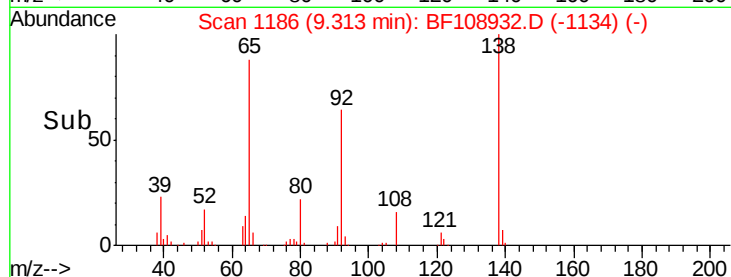
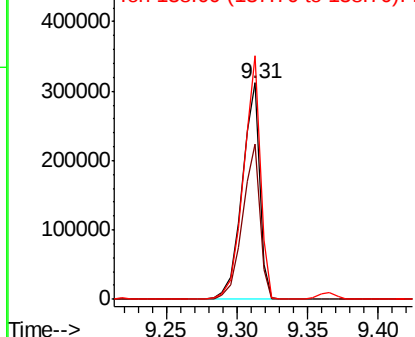
#47
2-Nitroaniline
Concen: 45.890 ng
RT: 9.31 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 269497
Ion Ratio Lower Upper
65 100
92 71.9 55.8 83.6
138 112.7 91.2 136.8

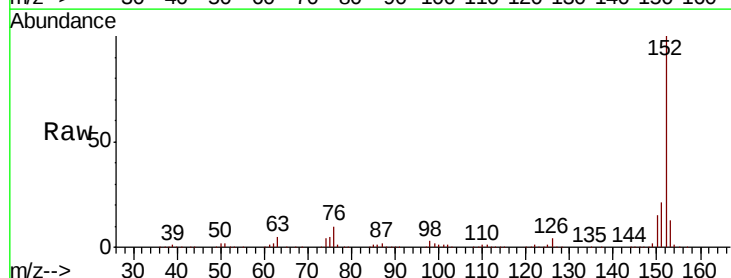


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

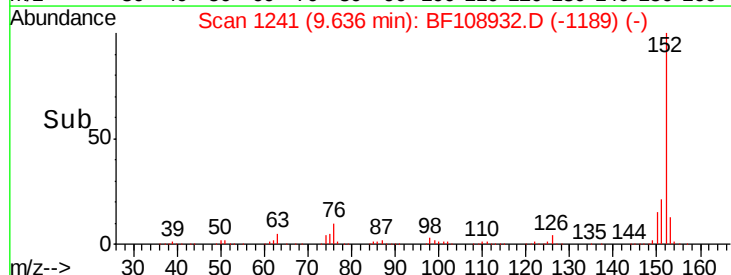
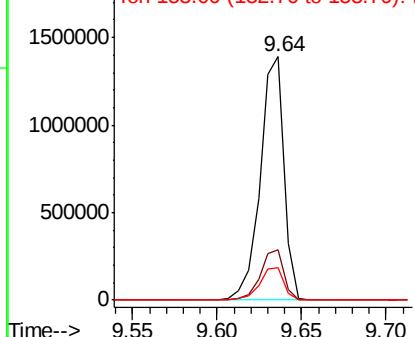


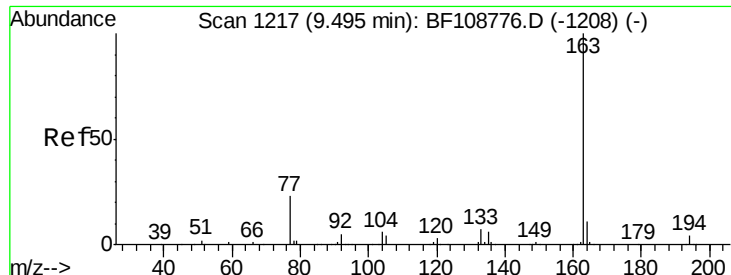
#48
Acenaphthylene
Concen: 42.283 ng
RT: 9.64 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion: 152 Resp: 1354890
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.2 10.7 16.1



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

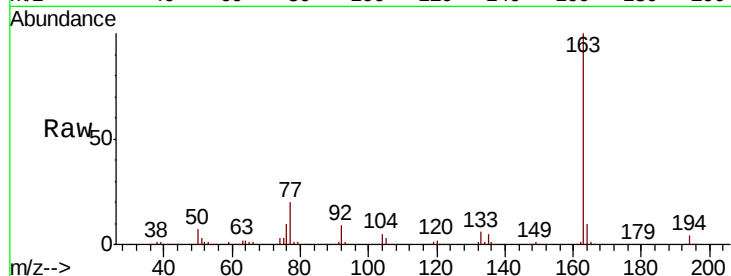




#49
Dimethylphthalate
Concen: 40.853 ng
RT: 9.50 min Scan# 1218
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.0	8.2	12.2

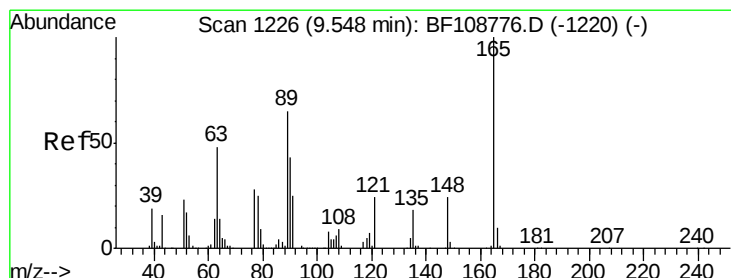
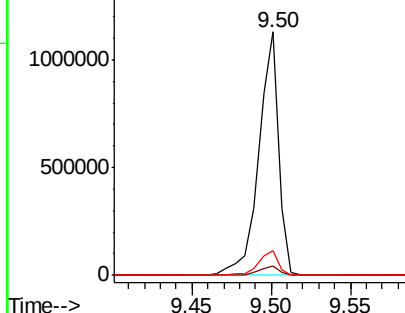
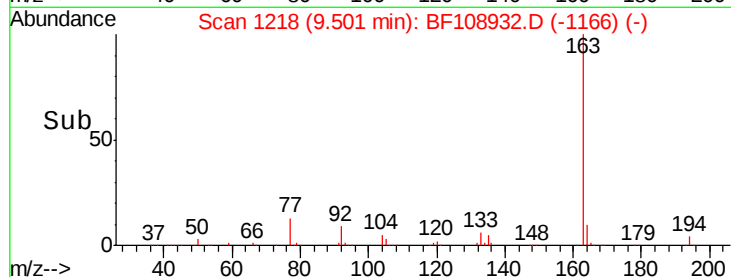


Abundance

Ion 163.00 (162.70 to 163.70): E

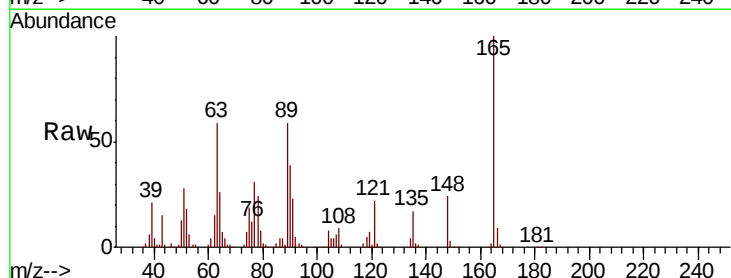
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 47.946 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.1	44.7	67.1
89	58.7	44.0	66.0

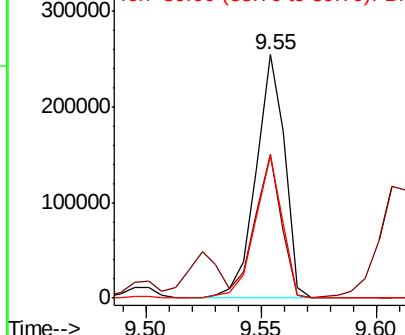
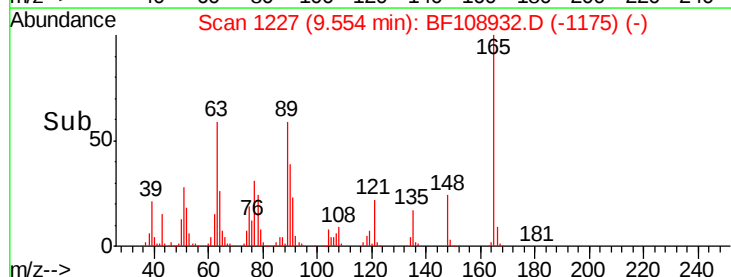


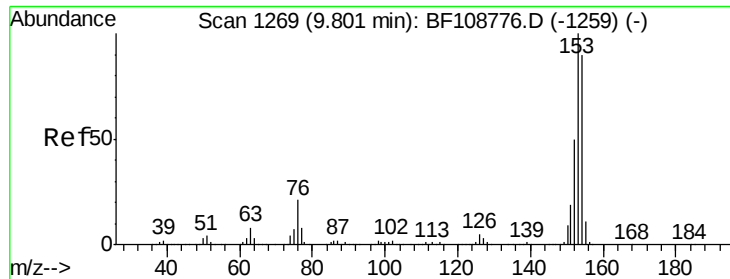
Abundance

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

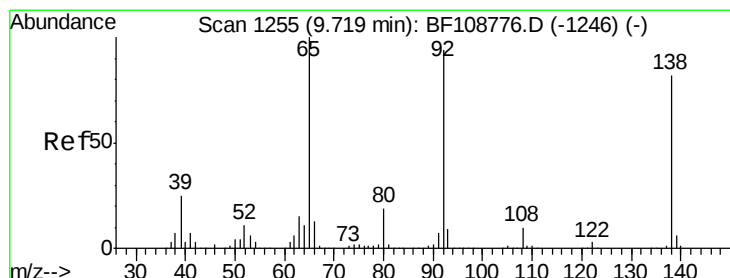
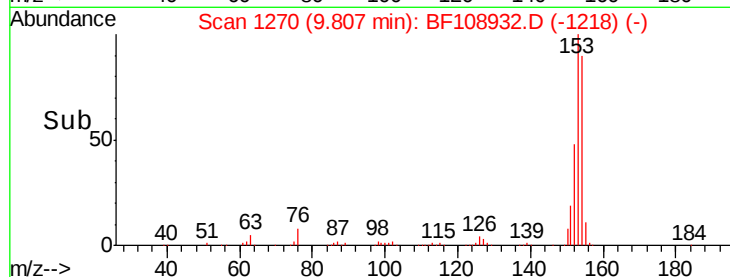
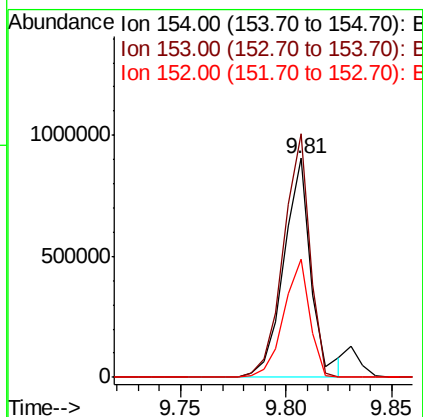
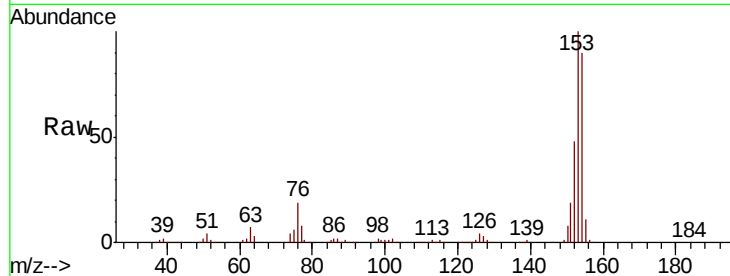




#51
Acenaphthene
Concen: 41.271 ng
RT: 9.81 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

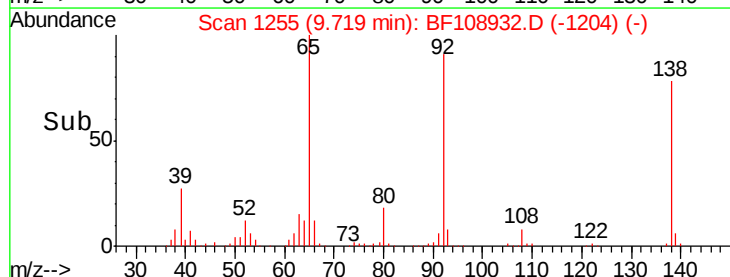
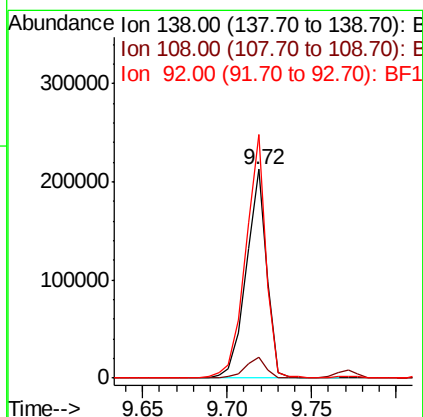
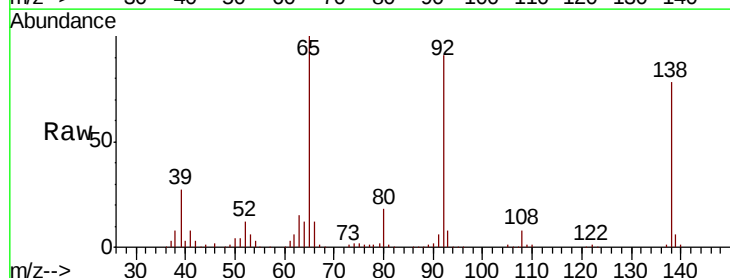
Instrument :
BNA_F
ClientSampleId :

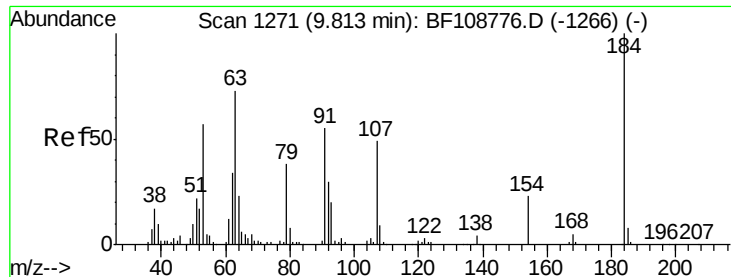
Tot Ion:154 Resp: 818353
Ion Ratio Lower Upper
154 100
153 111.2 91.2 136.8
152 53.8 43.8 65.8



#52
3-Nitroaniline
Concen: 32.979 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion:138 Resp: 180644
Ion Ratio Lower Upper
138 100
108 10.3 9.4 14.0
92 116.7 89.4 134.2

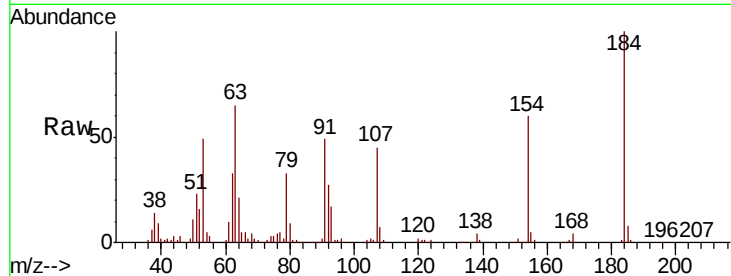




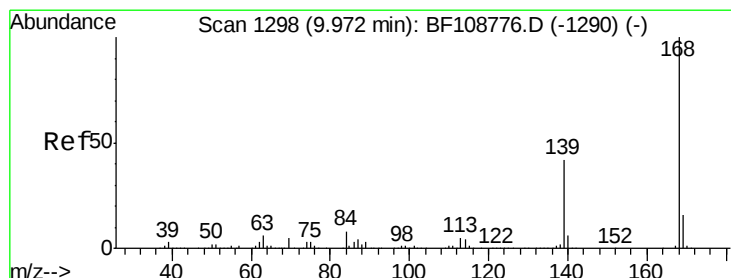
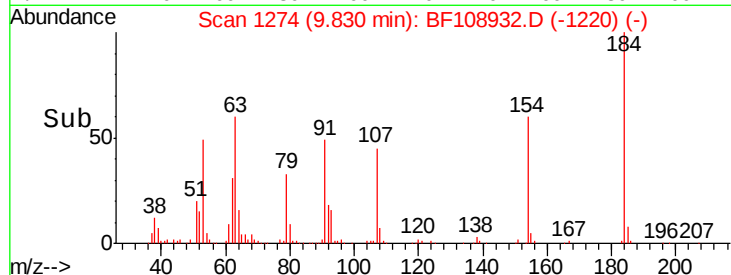
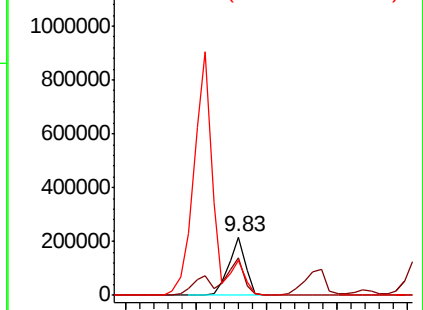
#53
2,4-Dinitrophenol
Concen: 104.389 ng
RT: 9.83 min Scan# 1274
Delta R.T. 0.02 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 181875
Ion Ratio Lower Upper
184 100
63 65.4 54.2 81.2
154 59.7 184.0 276.0#

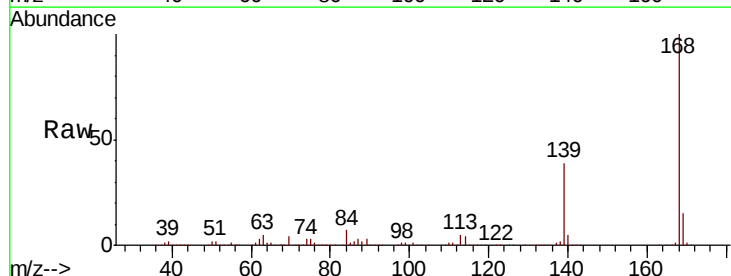


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

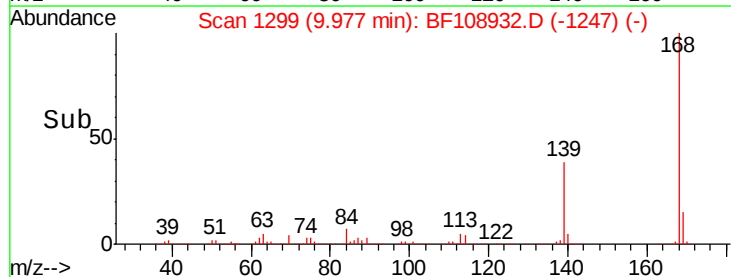
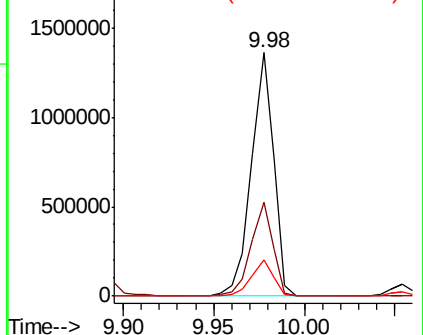


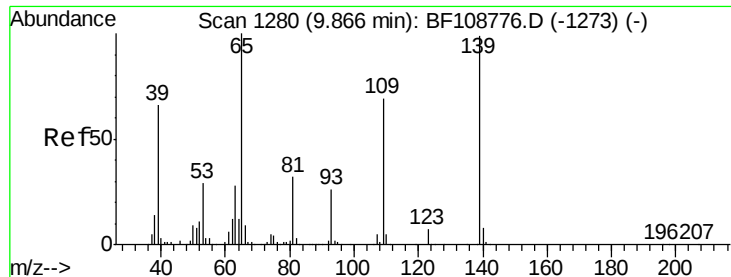
#54
Dibenzofuran
Concen: 40.318 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion:168 Resp: 1165352
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 14.7 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

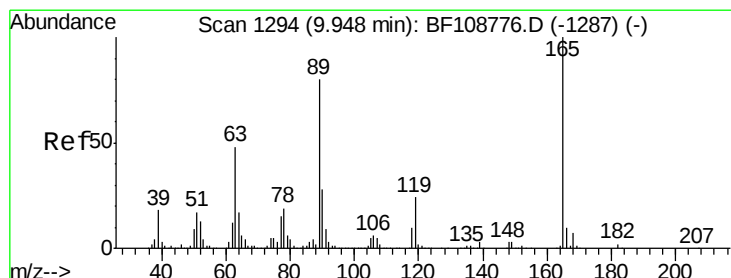
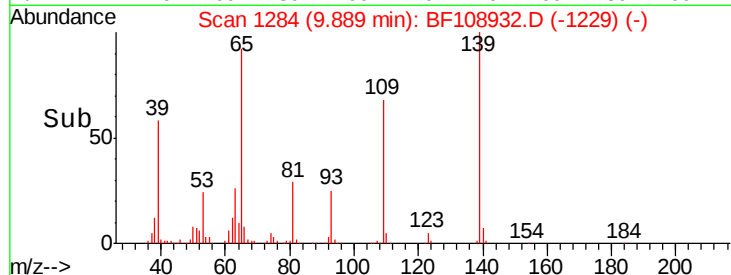
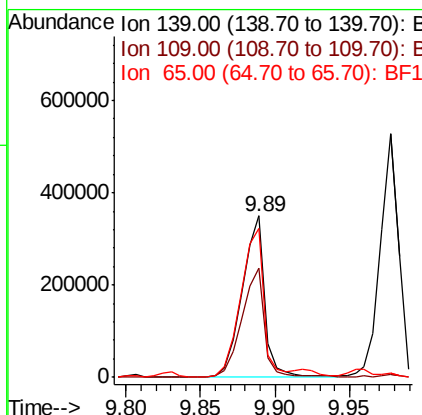
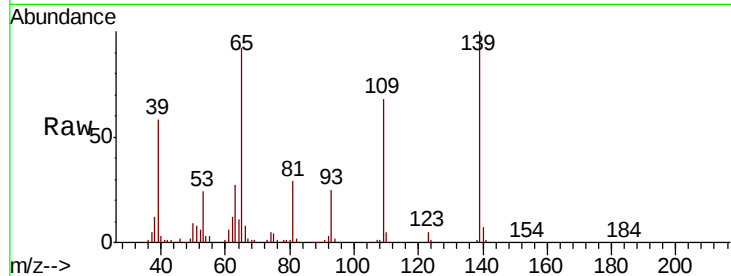




#55
4-Nitrophenol
Concen: 90.006 ng
RT: 9.89 min Scan# 1284
Delta R.T. 0.02 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

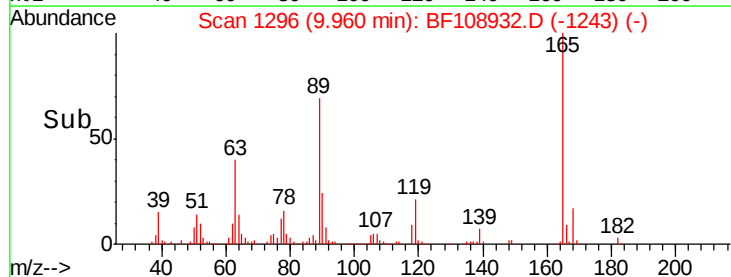
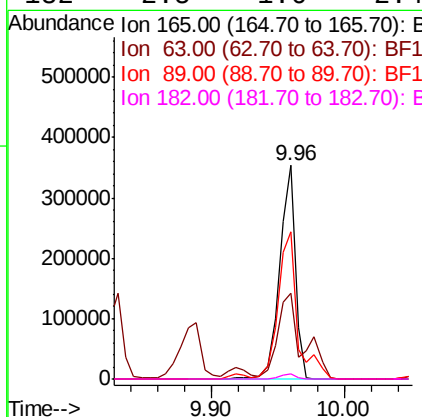
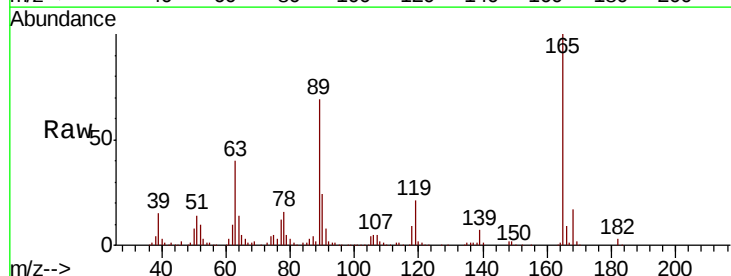
Instrument :
BNA_F
ClientSampleId :

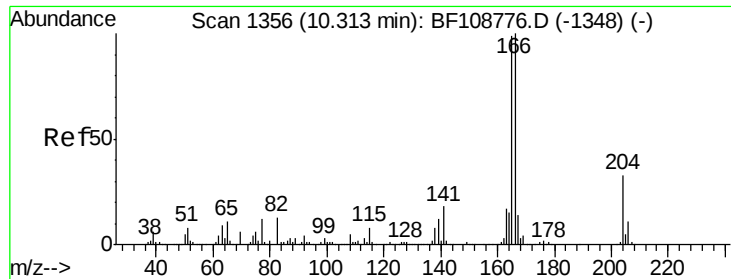
Tot Ion	Ratio	Lower	Upper
139	100		
109	67.6	48.4	88.4
65	92.4	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 50.199 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.1	36.4	54.6
89	68.8	57.8	86.6
182	2.5	1.6	2.4#





#57

Fluorene

Concen: 46.264 ng

RT: 10.32 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :

BNA_F

ClientSampled :

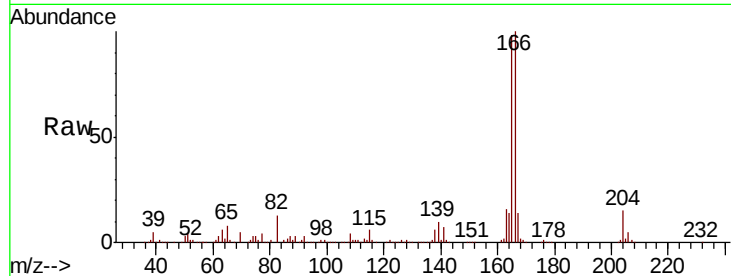
Tot Ion:166 Resp: 858136

Ion Ratio Lower Upper

166 100

165 97.6 79.8 119.8

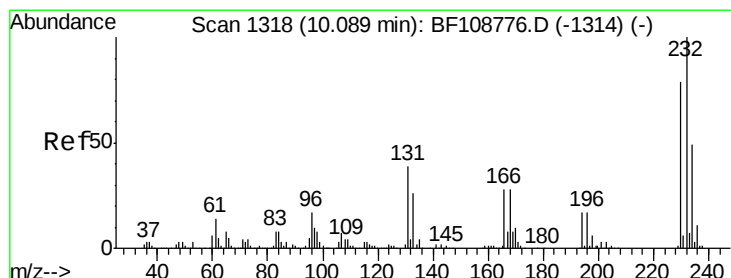
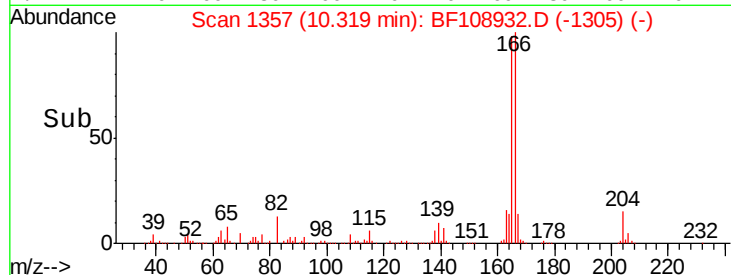
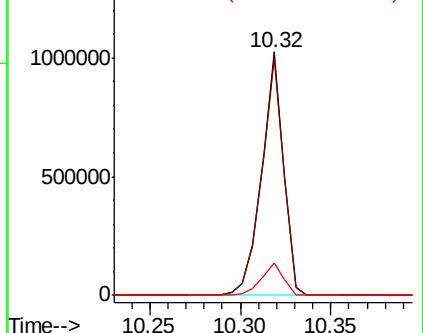
167 13.6 10.6 16.0



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: 45.200 ng

RT: 10.10 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Tgt Ion:232 Resp: 265612

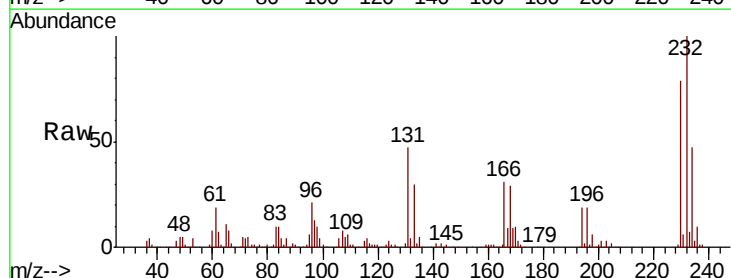
Ion Ratio Lower Upper

232 100

131 44.0 43.8 65.8

130 2.2 2.1 3.1

166 29.1 27.8 41.6

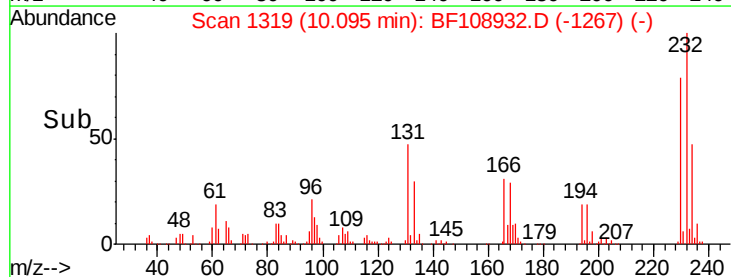
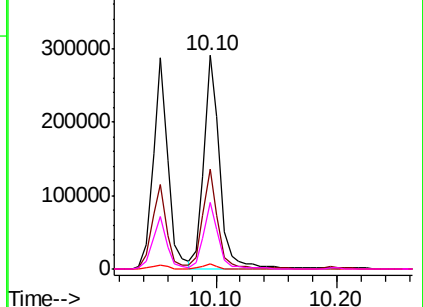


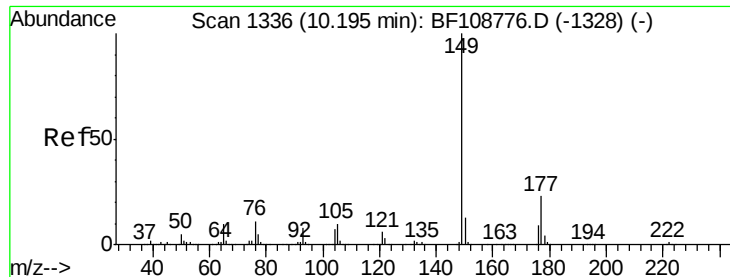
Abundance Ion 232.00 (231.70 to 232.70): E

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

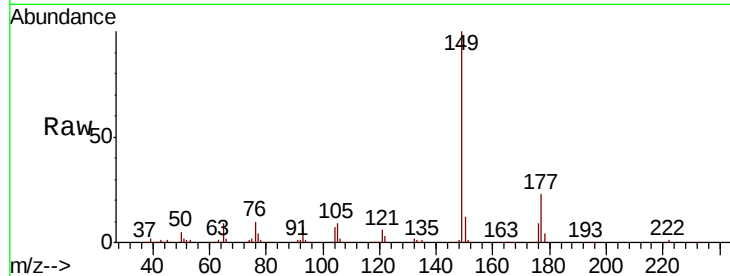




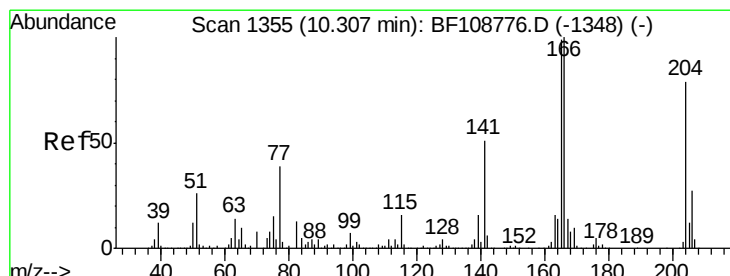
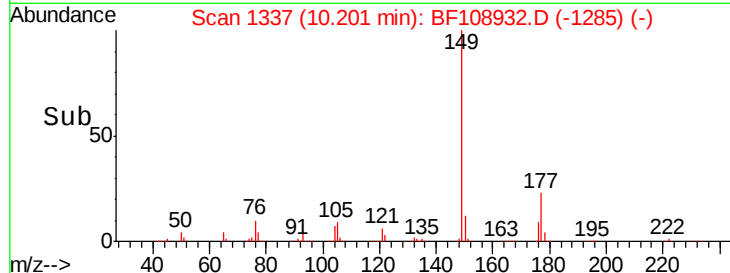
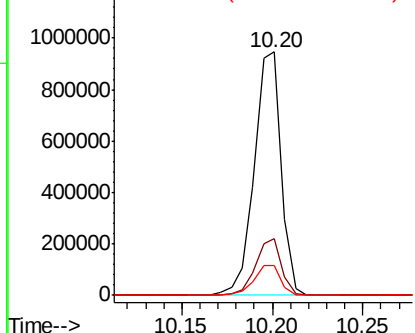
#59
Diethylphthalate
Concen: 39.219 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 977380
Ion Ratio Lower Upper
149 100
177 23.1 16.1 24.1
150 12.3 10.1 15.1

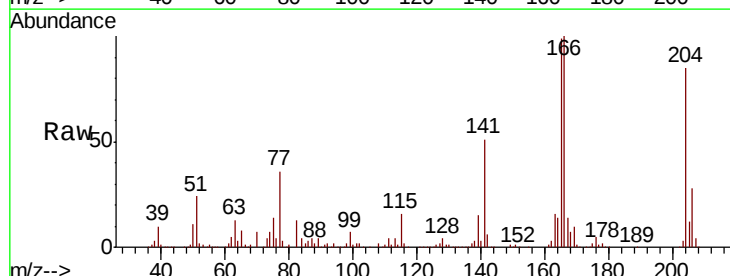


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

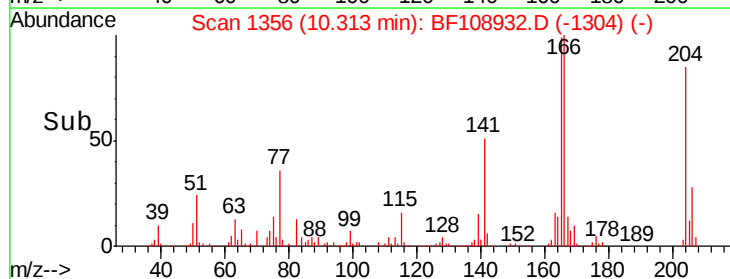
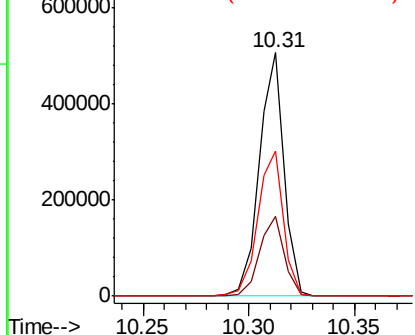


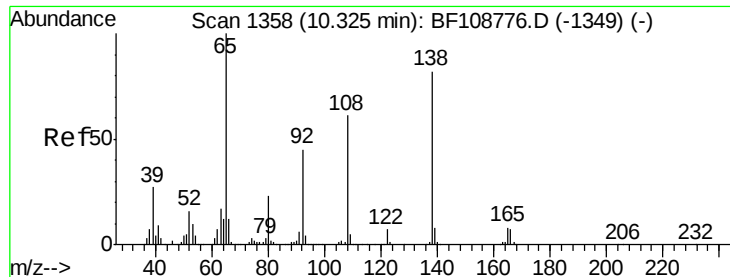
#60
4-Chlorophenyl-phenylether
Concen: 41.490 ng
RT: 10.31 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion:204 Resp: 411008
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 59.7 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

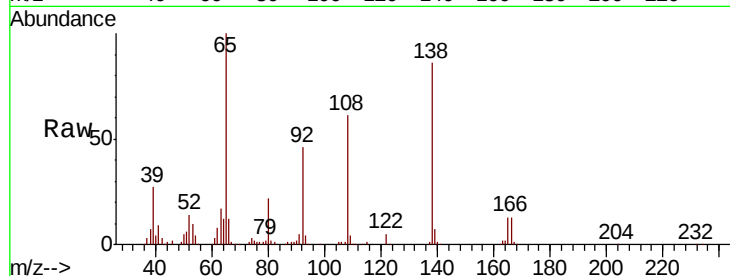




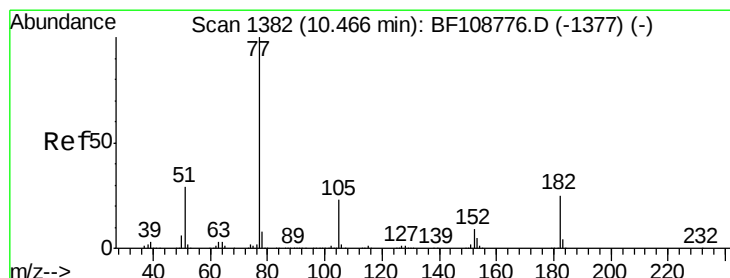
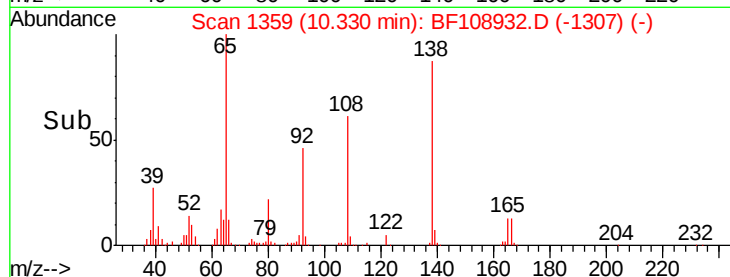
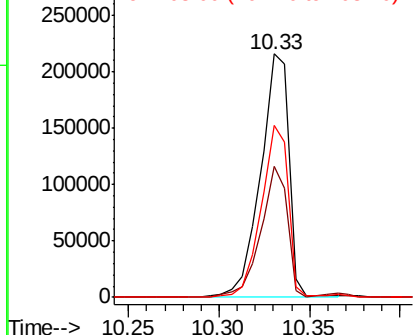
#61
4-Nitroaniline
Concen: 47.510 ng
RT: 10.33 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 235756
Ion Ratio Lower Upper
138 100
92 53.5 30.2 70.2
108 70.4 52.5 92.5

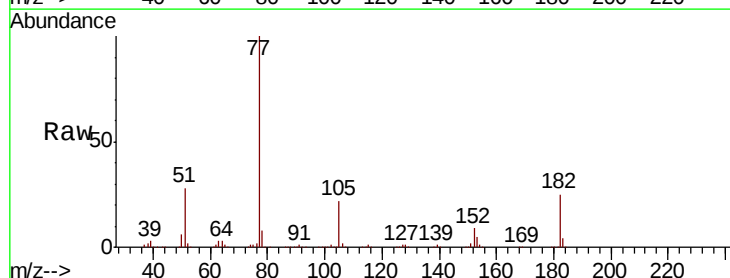


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

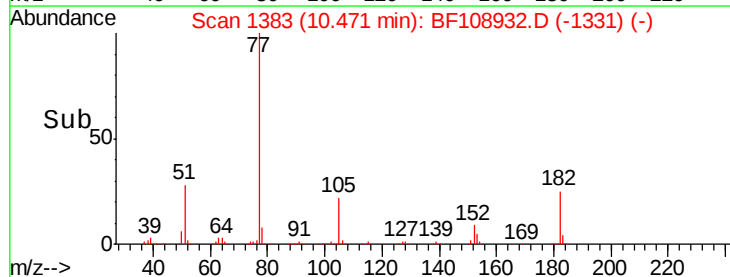
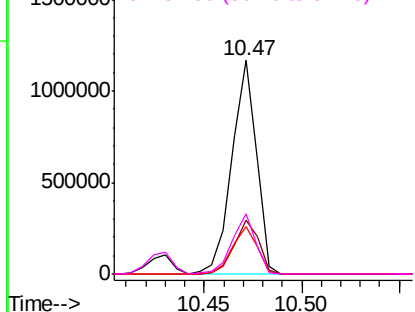


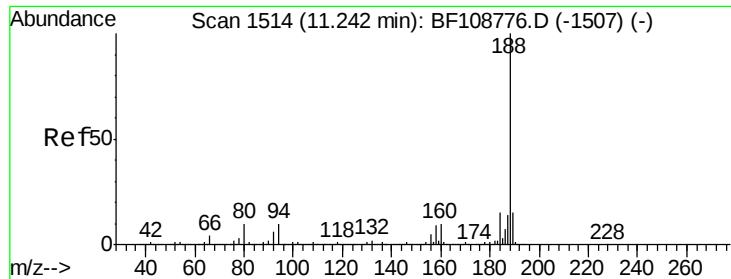
#62
Azobenzene
Concen: 39.469 ng
RT: 10.47 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion: 77 Resp: 1015300
Ion Ratio Lower Upper
77 100
182 25.2 1.7 41.7
105 22.2 3.0 43.0
51 28.1 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

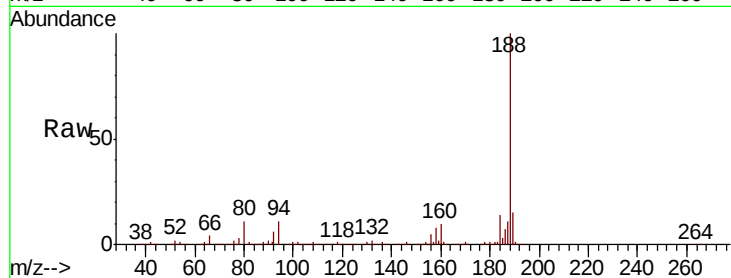




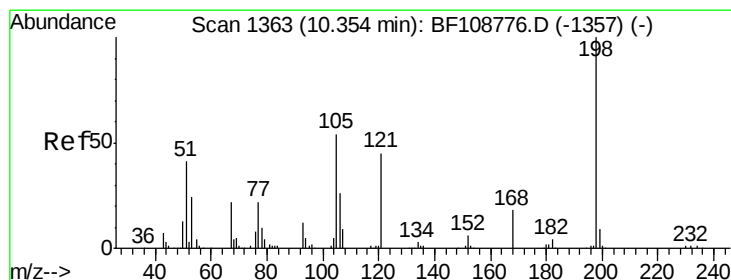
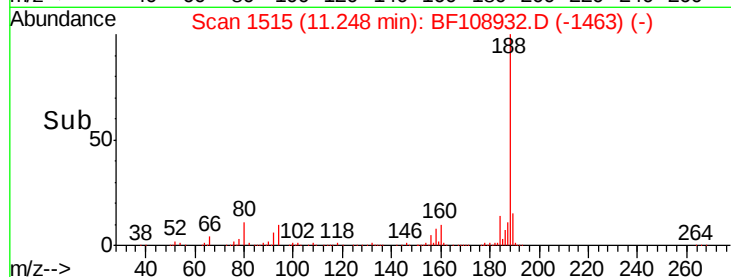
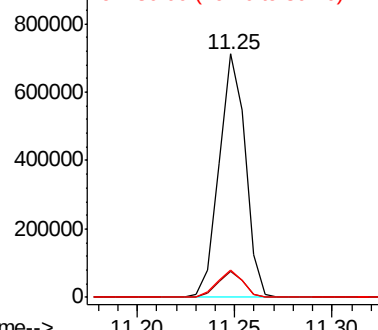
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 663158
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.3 9.2 13.8

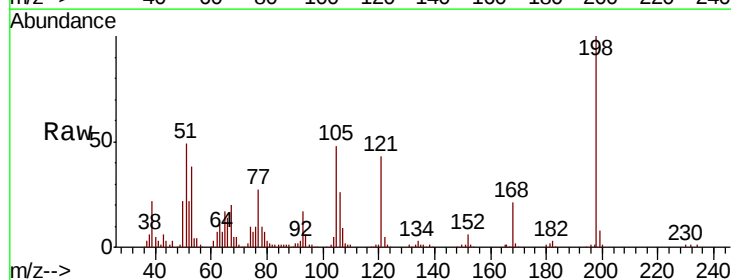


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

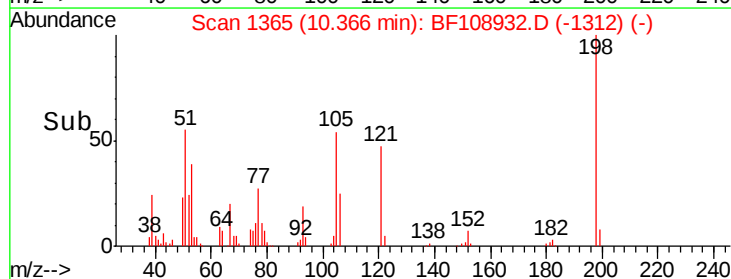
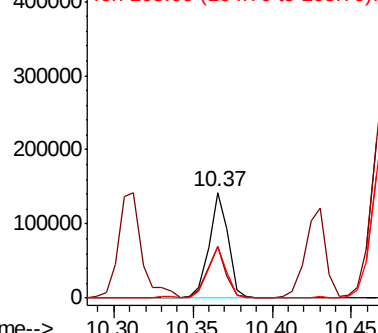


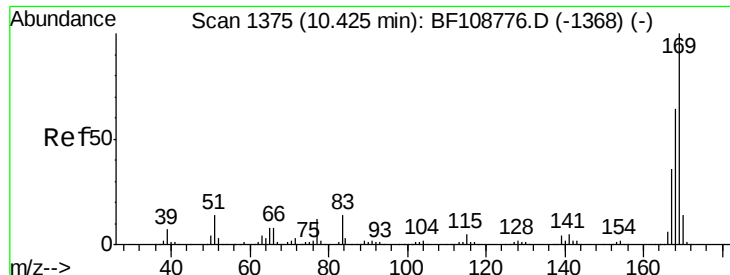
#64
4,6-Dinitro-2-methylphenol
Concen: 46.196 ng
RT: 10.37 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion:198 Resp: 119688
Ion Ratio Lower Upper
198 100
51 49.0 37.7 77.7
105 48.4 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

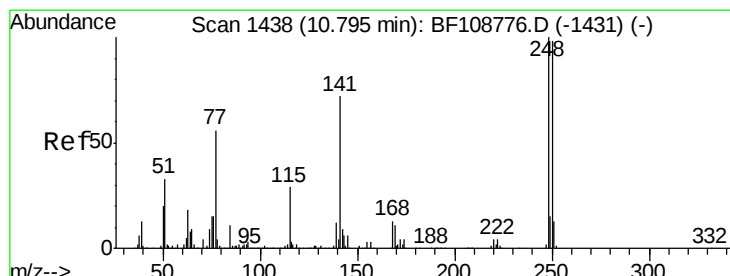
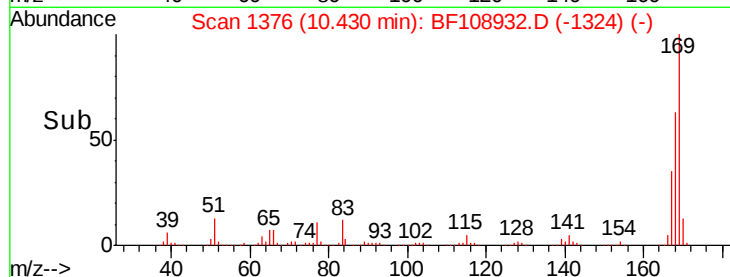
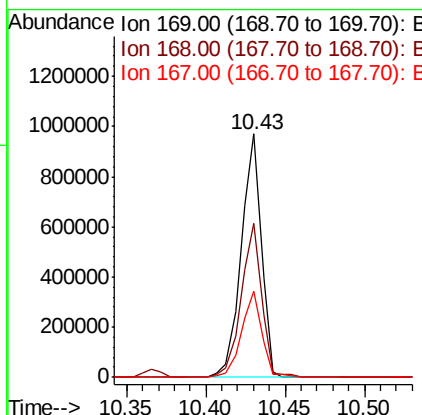
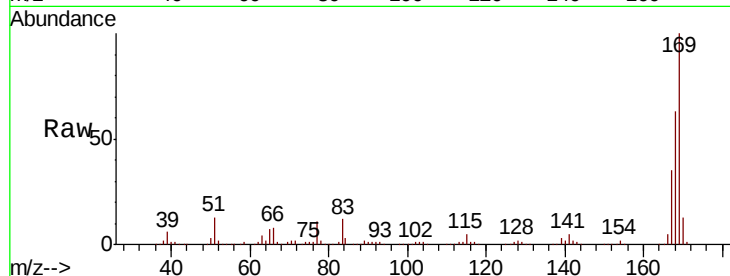




#65
 n-Nitrosodiphenylamine
 Concen: 38.637 ng
 RT: 10.43 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

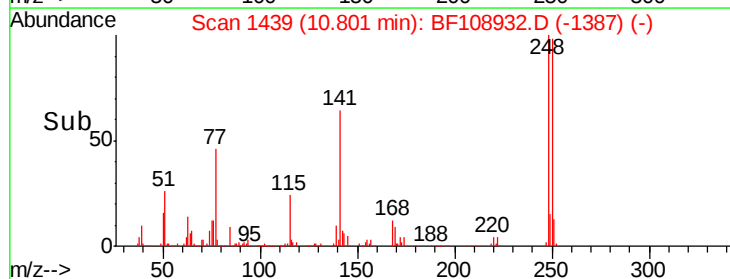
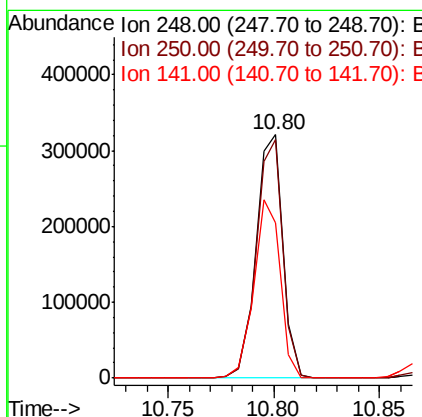
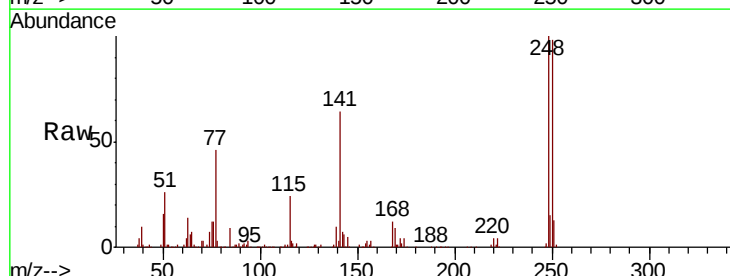
Instrument :
 BNA_F
 ClientSampleId :

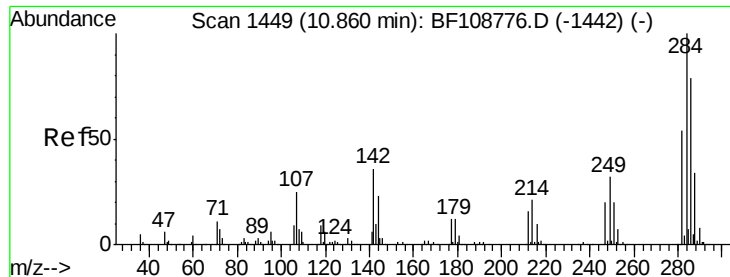
Tot Ion	169	Resp	851885
Ion Ratio	100		
Lower	54.4		
Upper	81.6		
168	63.4		
167	35.3		



#66
 4-Bromophenyl-phenylether
 Concen: 38.031 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion	248	Resp	284858
Ion Ratio	100		
Lower	76.9		
Upper	115.3		
250	97.9		
141	63.6		

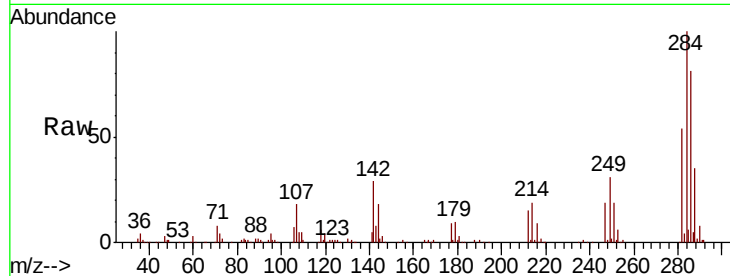




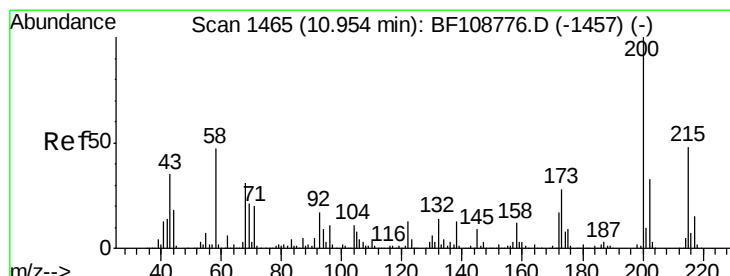
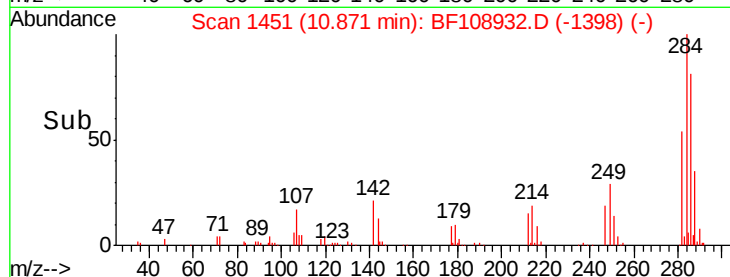
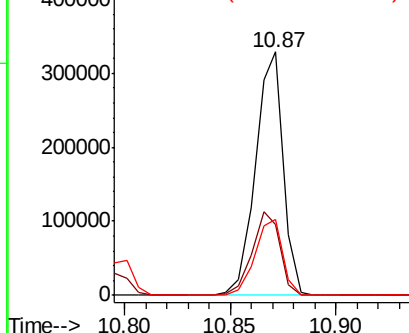
#67
Hexachlorobenzene
Concen: 37.487 ng
RT: 10.87 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 299729
Ion Ratio Lower Upper
284 100
142 29.0 34.6 52.0#
249 31.0 24.8 37.2

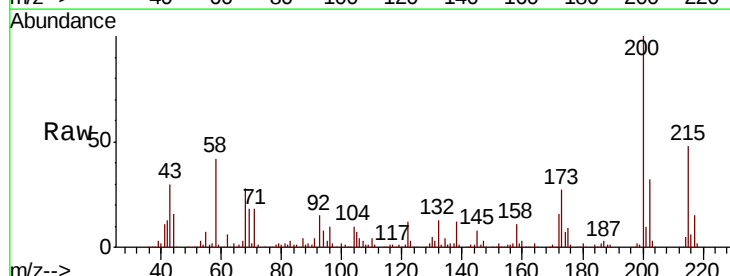


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

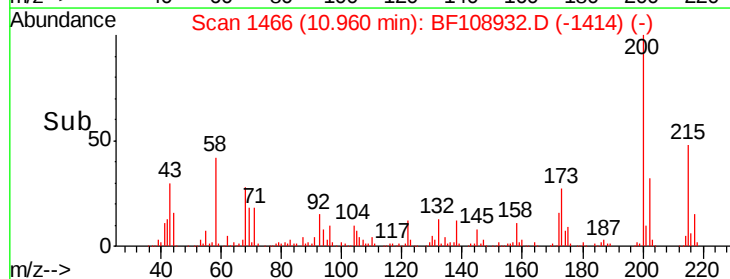
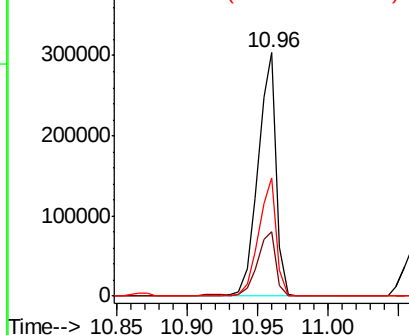


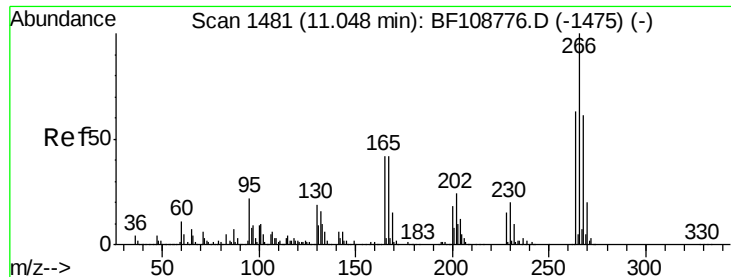
#68
Atrazine
Concen: 39.111 ng
RT: 10.96 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion:200 Resp: 276064
Ion Ratio Lower Upper
200 100
173 26.5 8.6 48.6
215 48.3 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

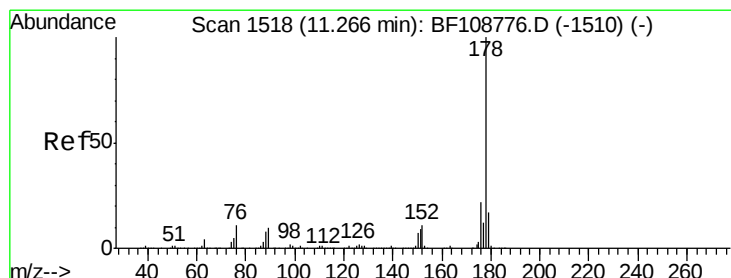
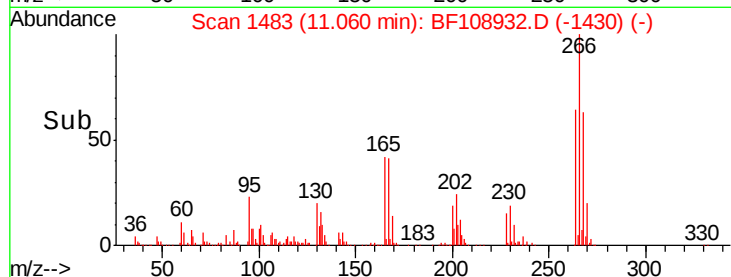
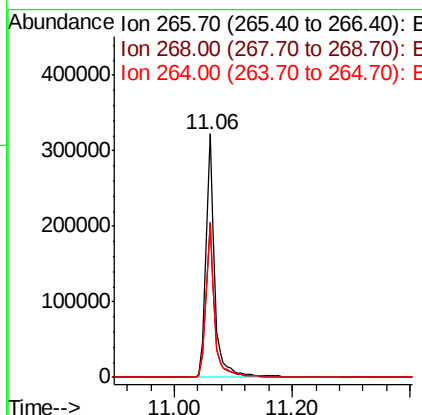
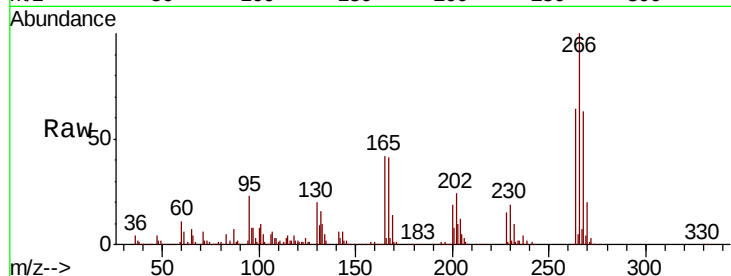




#69
 Pentachlorophenol
 Concen: 69.432 ng
 RT: 11.06 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

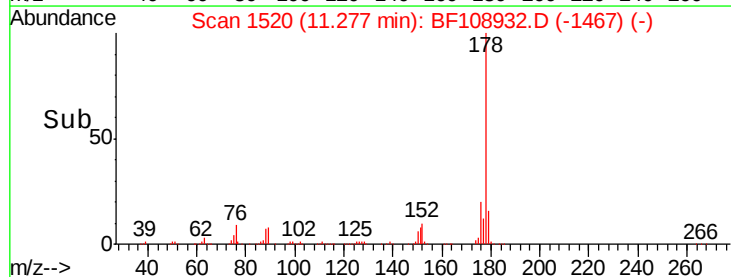
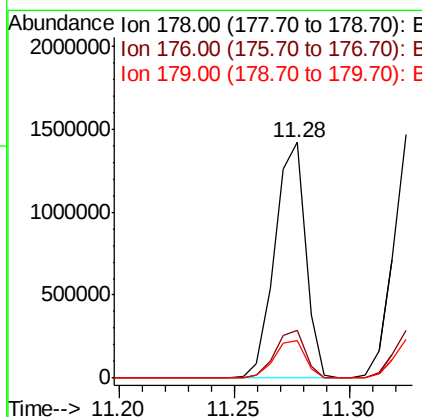
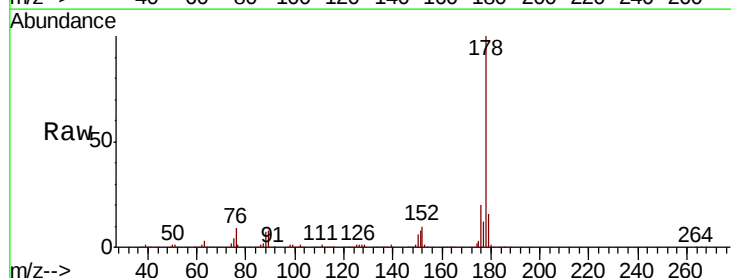
Instrument :
 BNA_F
 ClientSampleId :

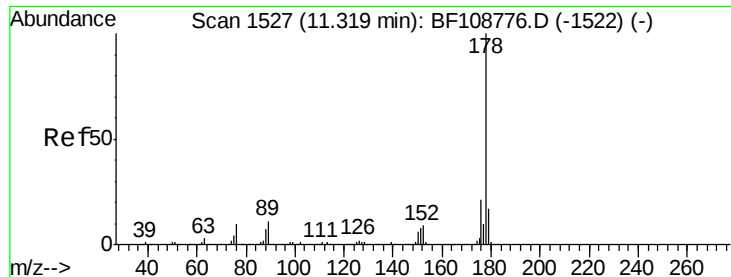
Tot Ion:266 Resp: 339407
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 63.8 49.5 74.3



#70
 Phenanthrene
 Concen: 41.533 ng
 RT: 11.28 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion:178 Resp: 1315310
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.8 23.8
 179 15.8 13.0 19.6

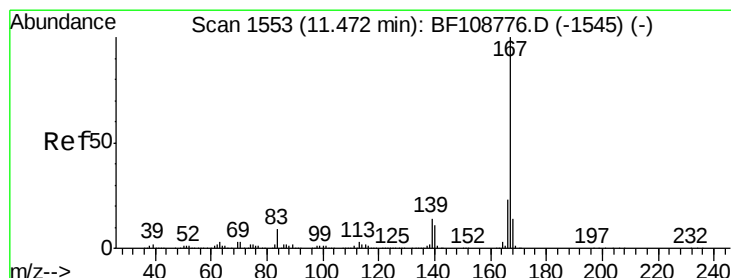
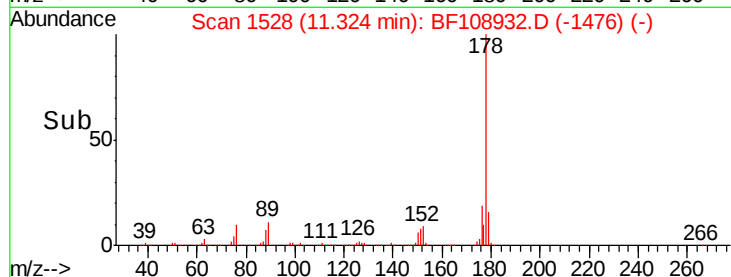
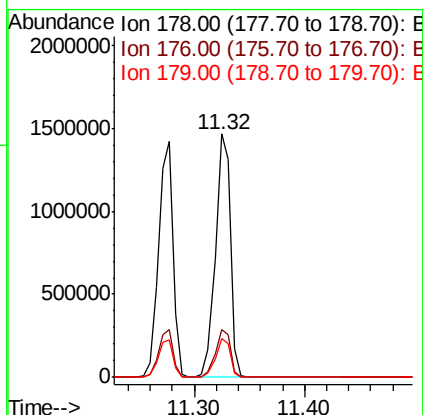
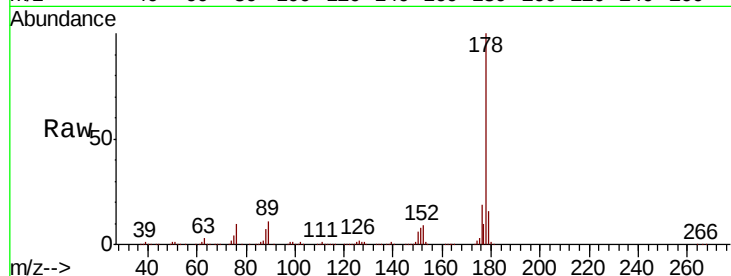




#71
 Anthracene
 Concen: 45.161 ng
 RT: 11.32 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

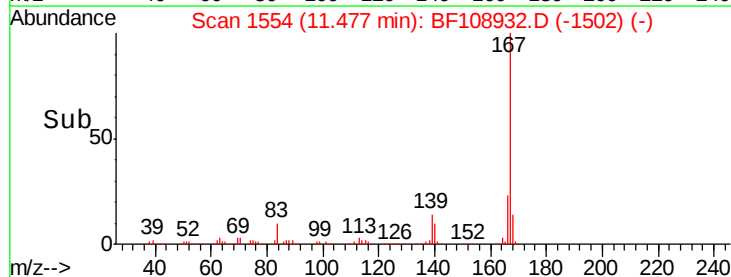
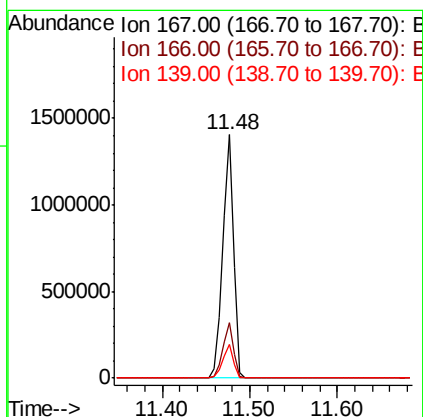
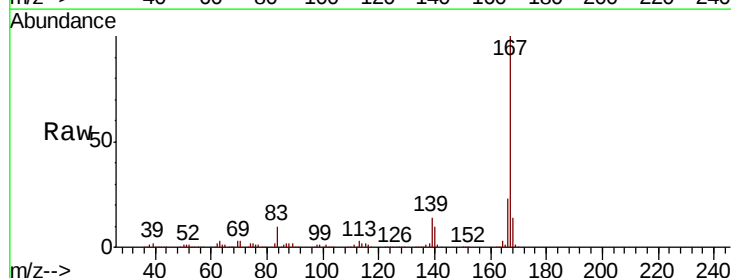
Instrument :
 BNA_F
 ClientSampleId :

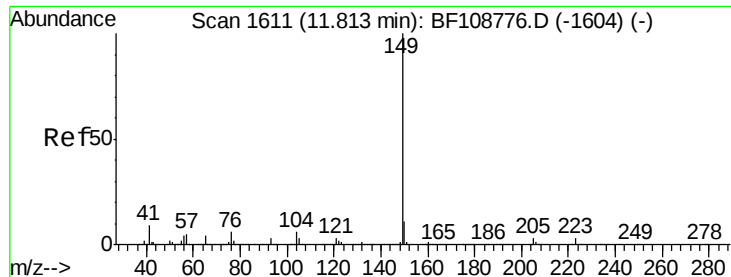
Tot Ion:178 Resp: 1369320
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 38.207 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion:167 Resp: 1220035
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.817 ng

RT: 11.82 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :

BNA_F

ClientSampleId :

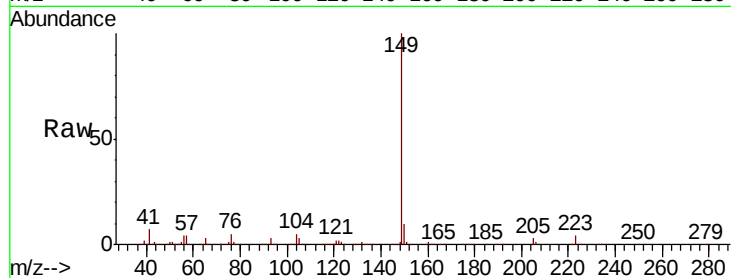
Tot Ion:149 Resp: 1482841

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

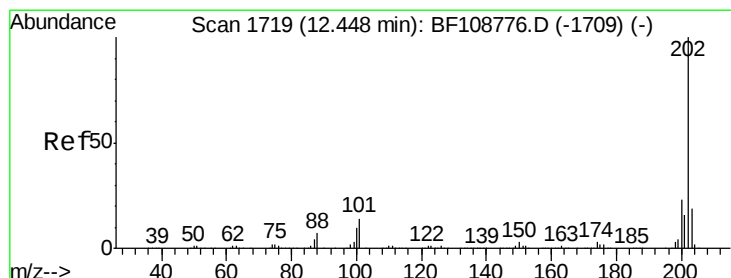
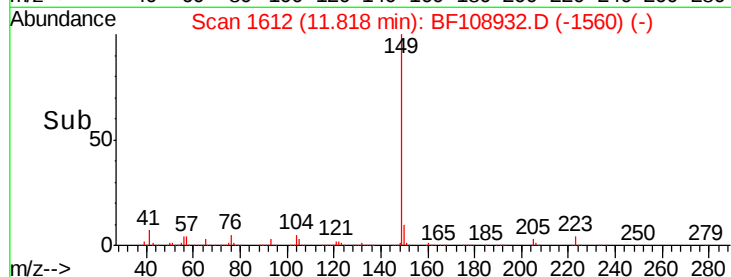
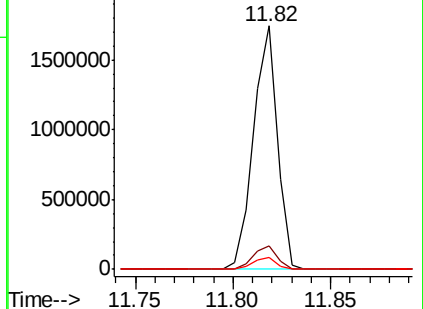
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.942 ng

RT: 12.45 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

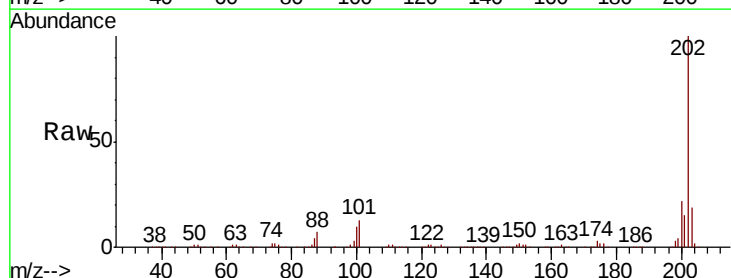
Tgt Ion:202 Resp: 1377819

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

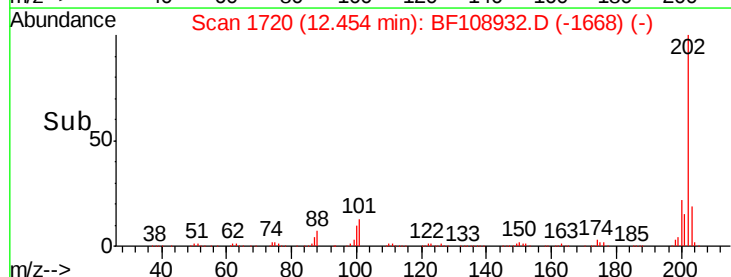
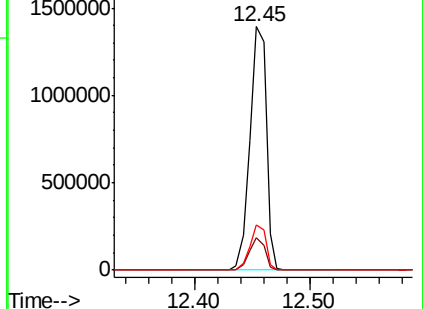
203 18.8 0.0 38.1

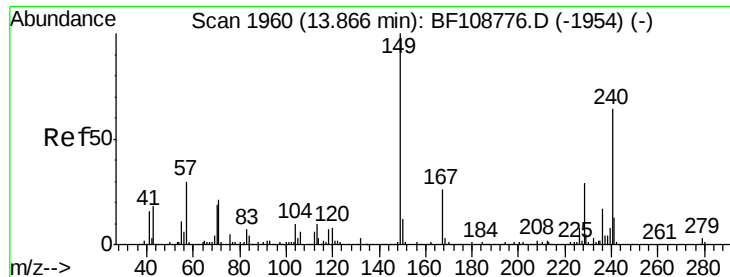


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :

BNA_F

ClientSampleId :

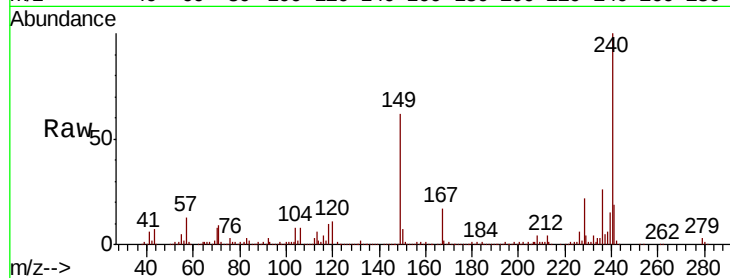
Tot Ion:240 Resp: 441124

Ion Ratio Lower Upper

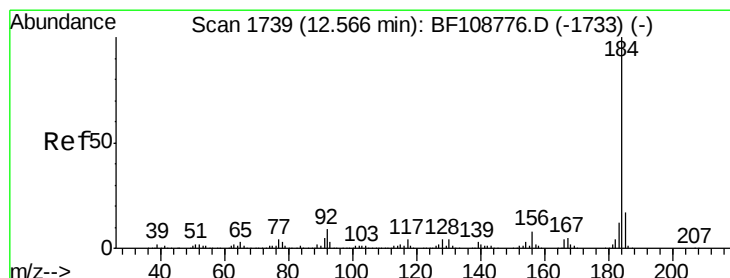
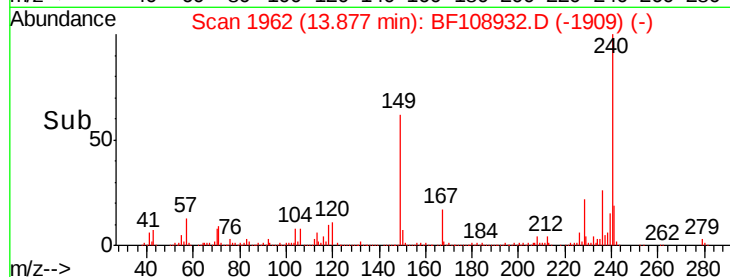
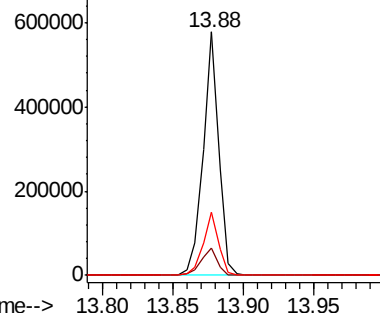
240 100

120 11.3 9.5 14.3

236 26.1 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: 28.971 ng

RT: 12.57 min Scan# 1740

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

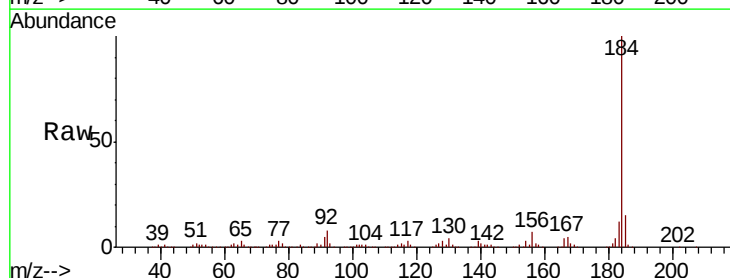
Tgt Ion:184 Resp: 605707

Ion Ratio Lower Upper

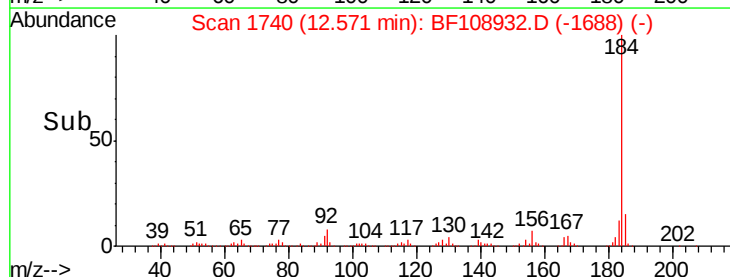
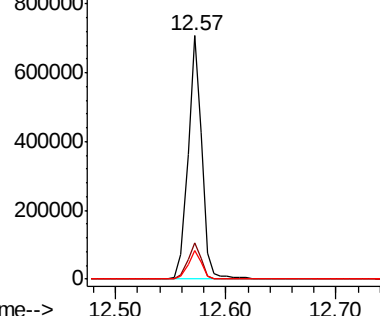
184 100

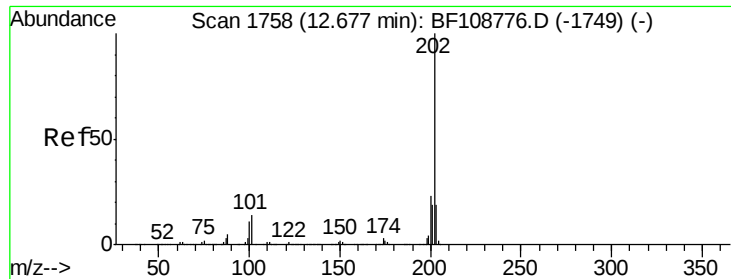
185 14.9 12.6 18.8

183 11.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.813 ng

RT: 12.68 min Scan# 1759

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :

BNA_F

ClientSampleId :

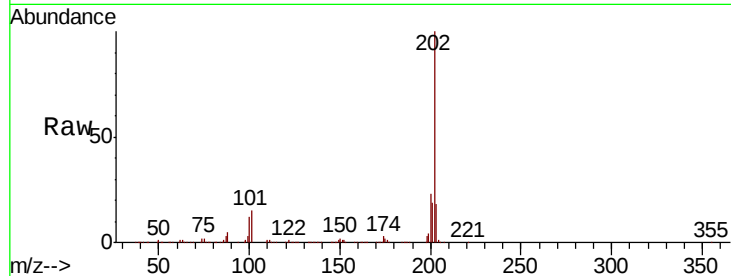
Tot Ion:202 Resp: 1385348

Ion Ratio Lower Upper

202 100

200 22.9 17.4 26.2

203 18.5 14.3 21.5

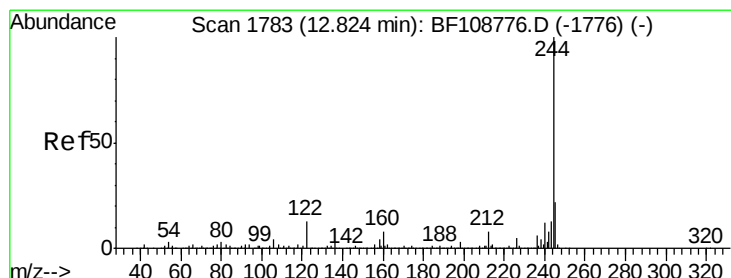
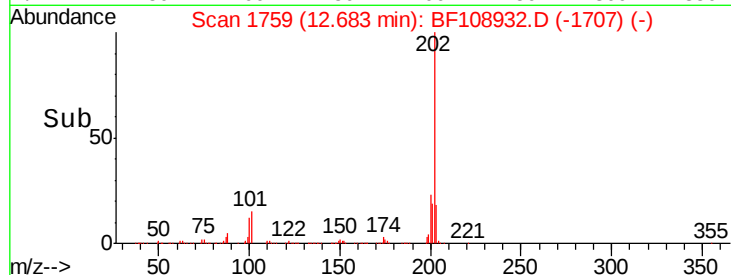
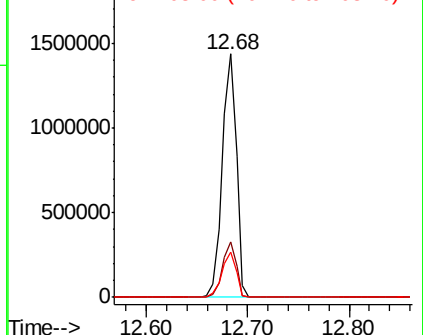


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.451 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

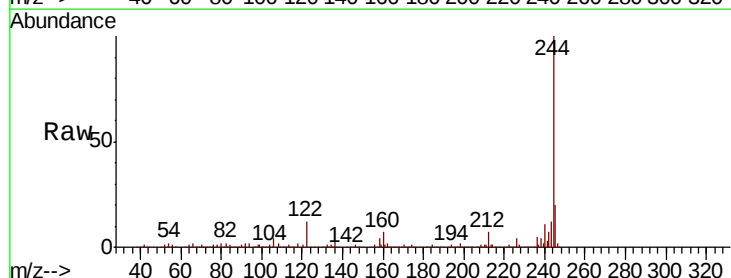
Tgt Ion:244 Resp: 1559720

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

122 12.3 11.0 16.4

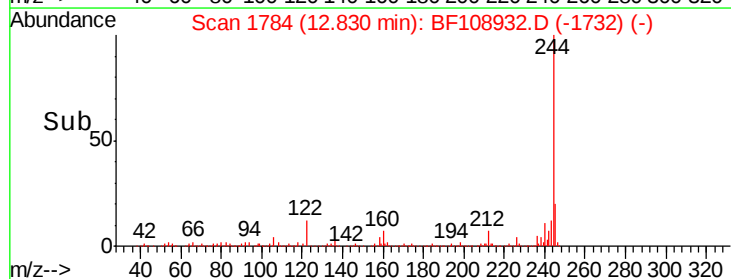
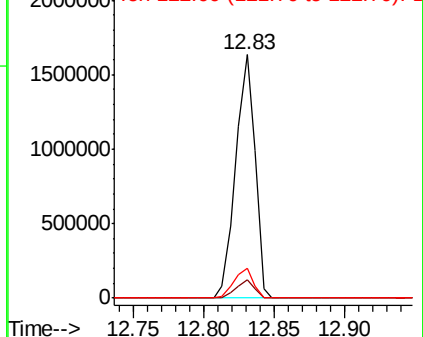


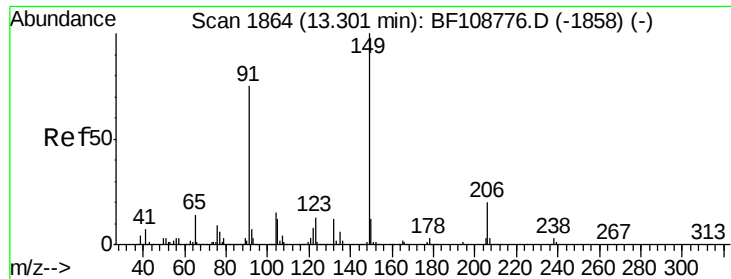
Abundance

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

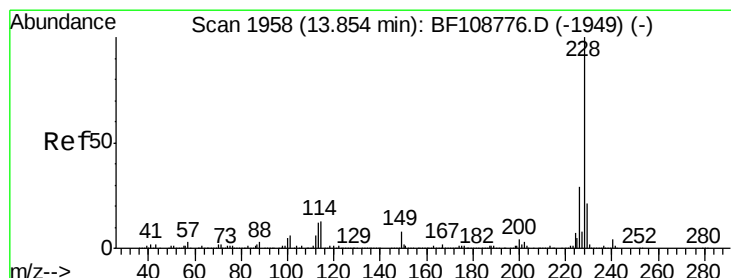
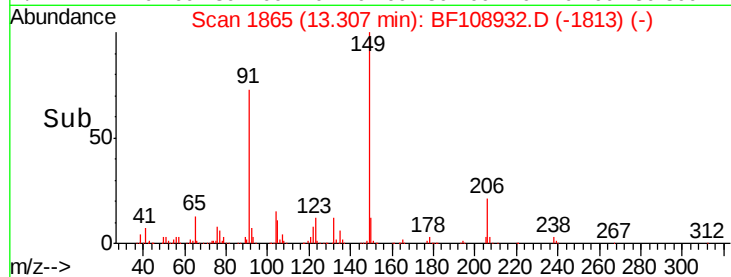
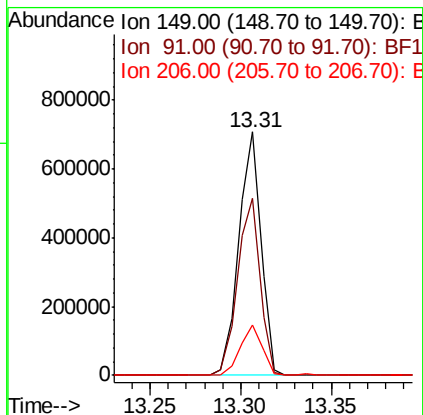
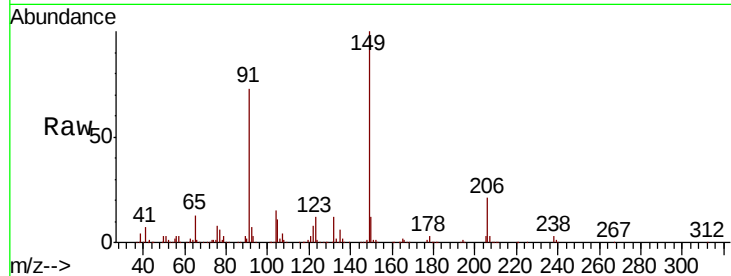




#79
Butylbenzylphthalate
Concen: 39.546 ng
RT: 13.31 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

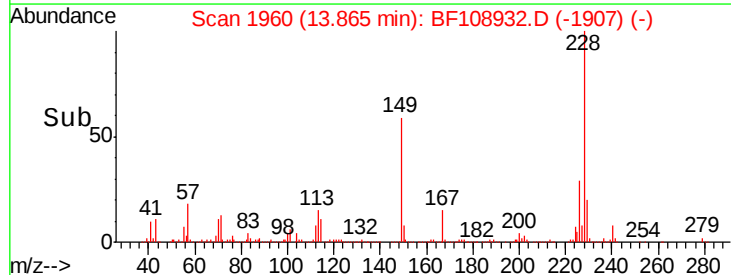
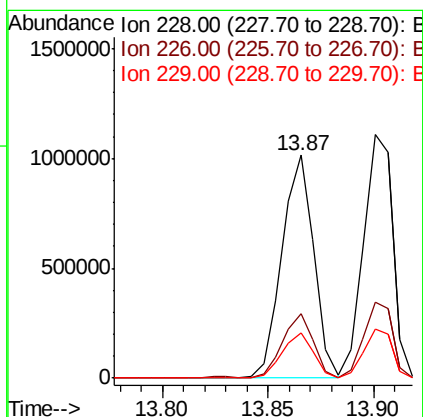
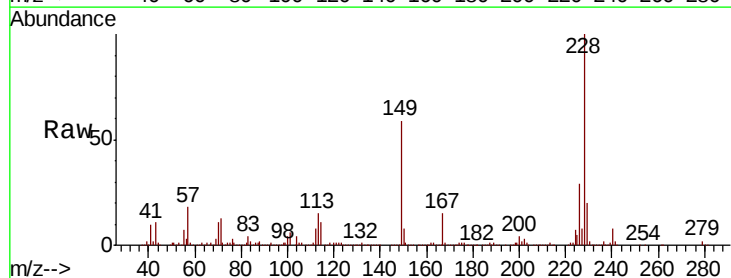
Instrument :
BNA_F
ClientSampleId :

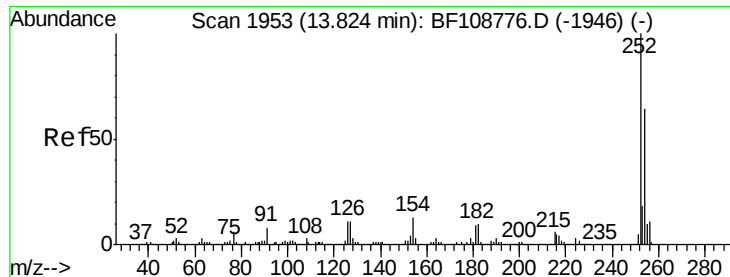
Tot Ion:149 Resp: 604495
Ion Ratio Lower Upper
149 100
91 72.8 56.8 85.2
206 20.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.753 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion:228 Resp: 1067466
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 20.3 15.8 23.6

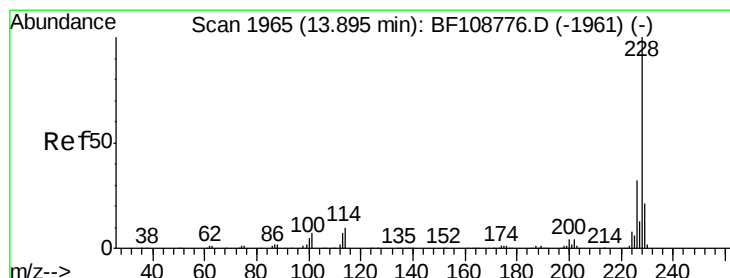
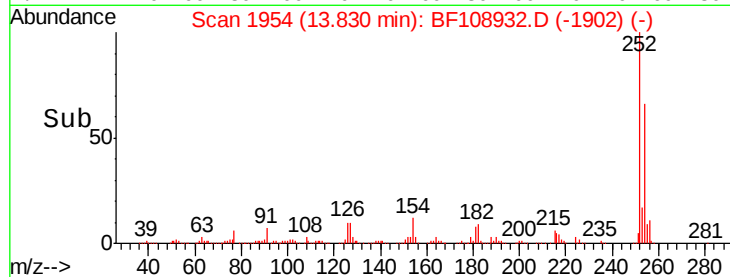
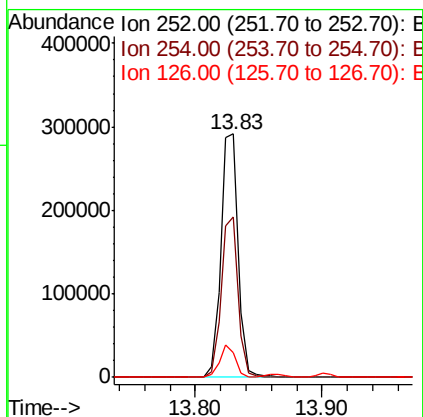
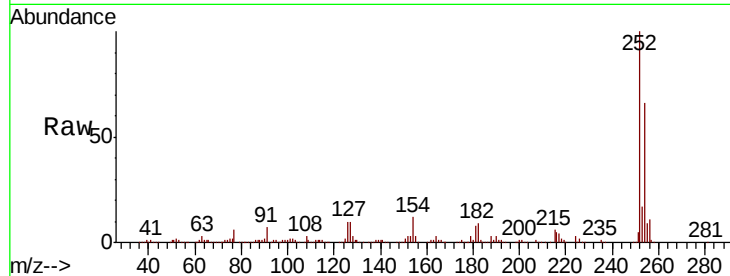




#81
 3,3'-Dichlorobenzidine
 Concen: 25.253 ng
 RT: 13.83 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

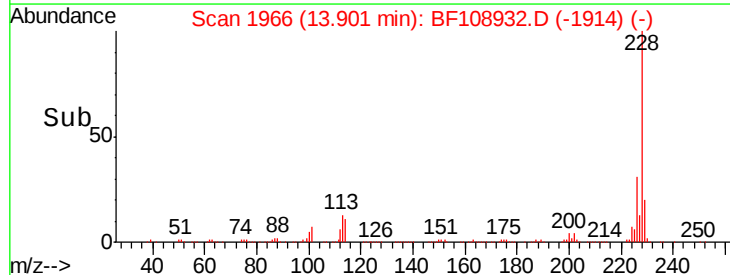
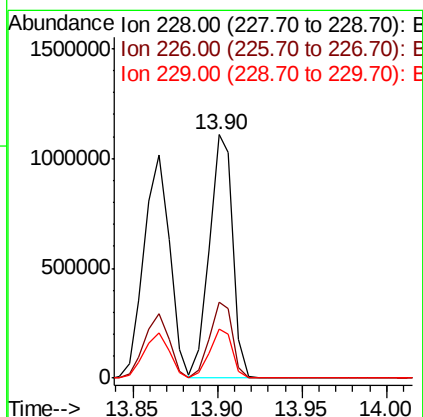
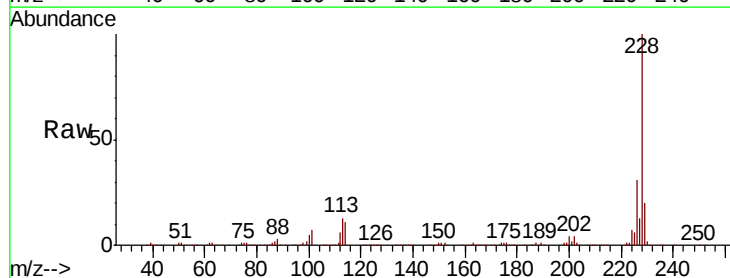
Instrument :
 BNA_F
 ClientSampleId :

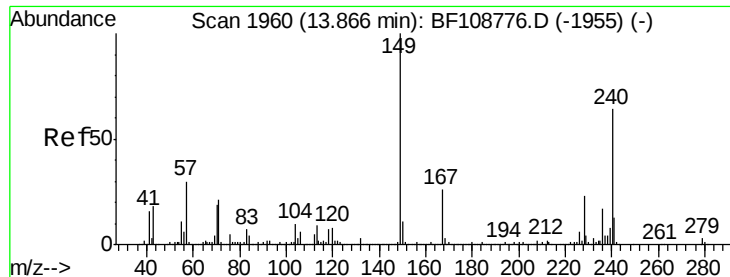
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.4	75.6
126	10.2	11.3	16.9#



#82
 Chrysene
 Concen: 39.079 ng
 RT: 13.90 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.2	16.2	24.4

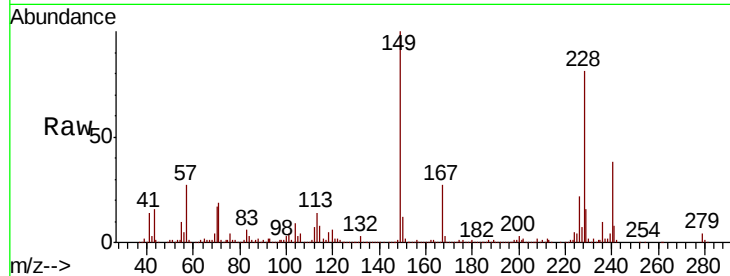




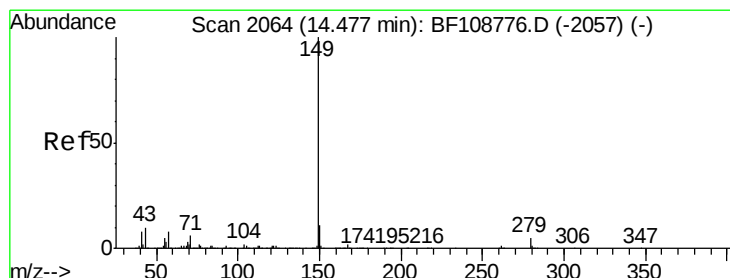
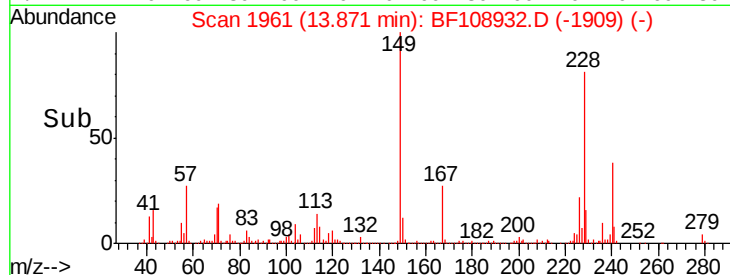
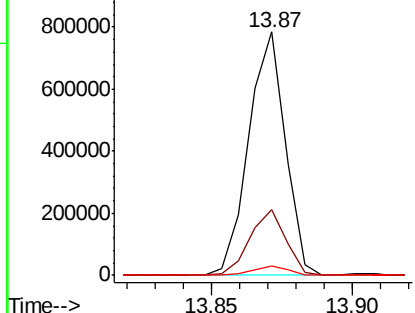
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.710 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 705190
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.9 3.0 4.4

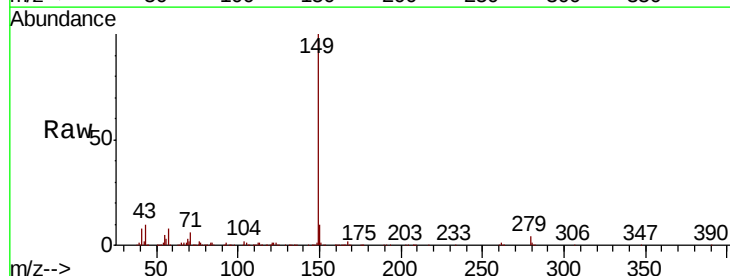


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

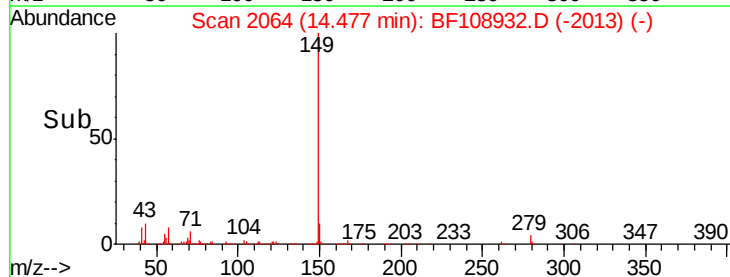
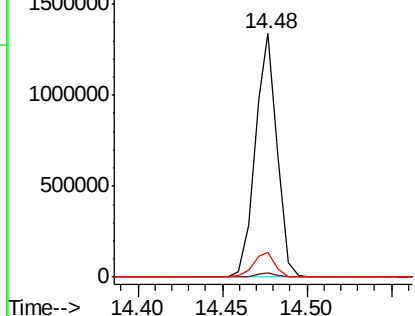


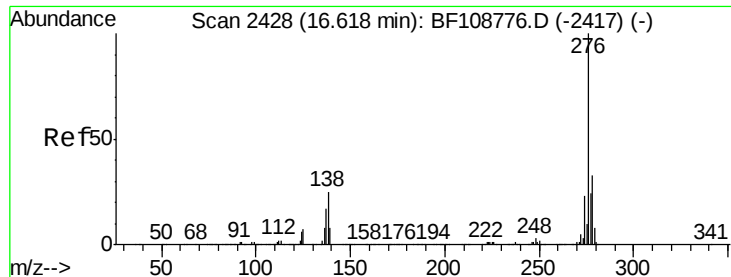
#84
 Di-n-octyl phthalate
 Concen: 37.342 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Tgt Ion:149 Resp: 1195922
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.1 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: 37.074 ng

RT: 16.65 min Scan# 2433

Delta R.T. 0.03 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

Instrument :

BNA_F

ClientSampleId :

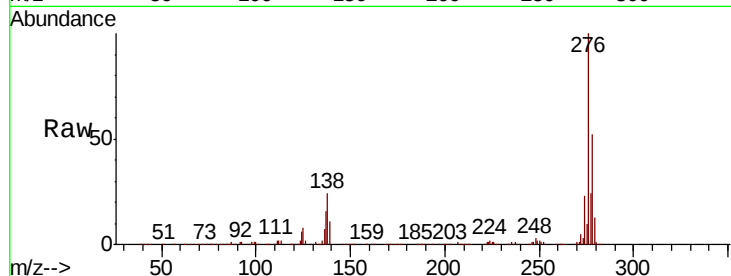
Tot Ion:276 Resp: 898086

Ion Ratio Lower Upper

276 100

138 26.2 25.0 37.6

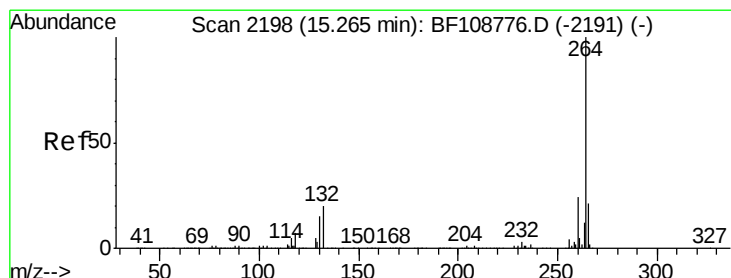
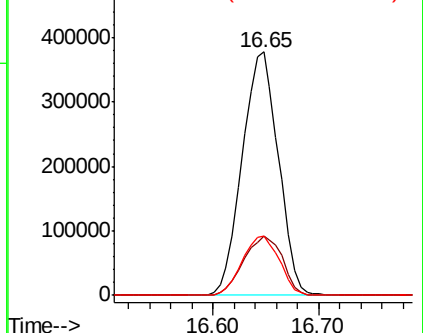
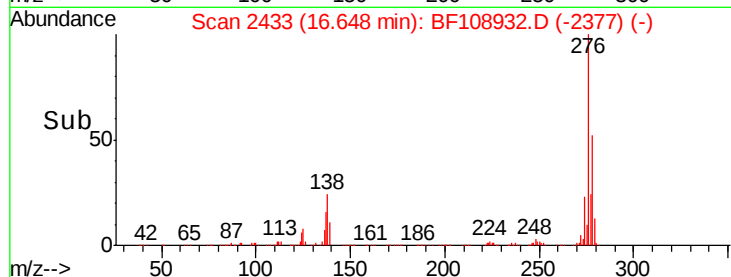
277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2201

Delta R.T. 0.02 min

Lab File: BF108932.D

Acq: 11 Sep 2018 13:49

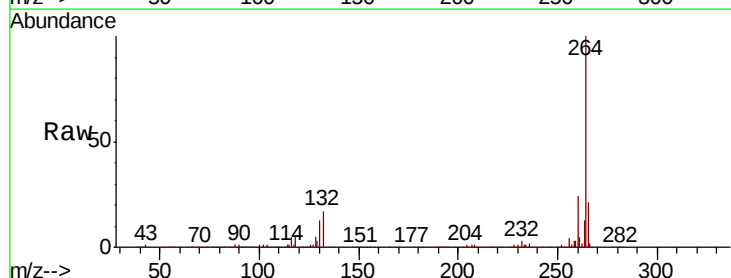
Tgt Ion:264 Resp: 376263

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

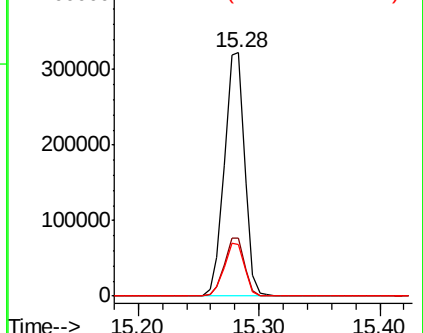
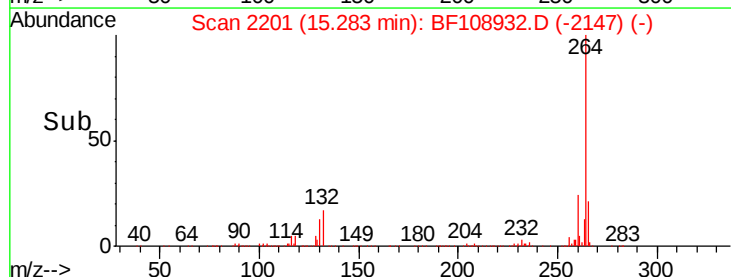
265 21.3 17.5 26.3

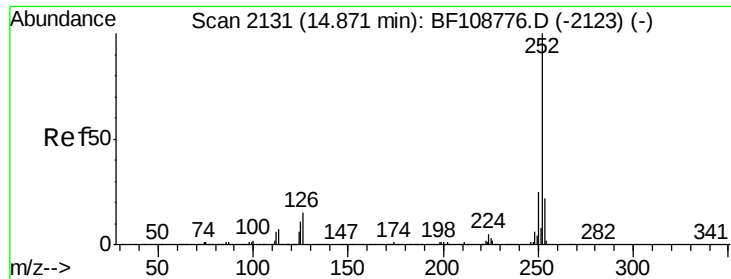


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

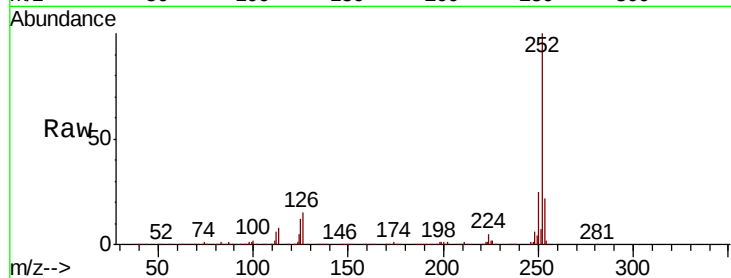




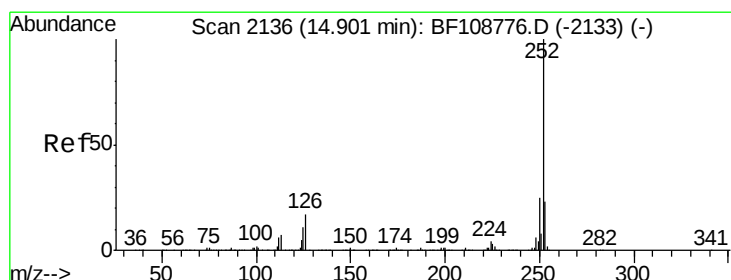
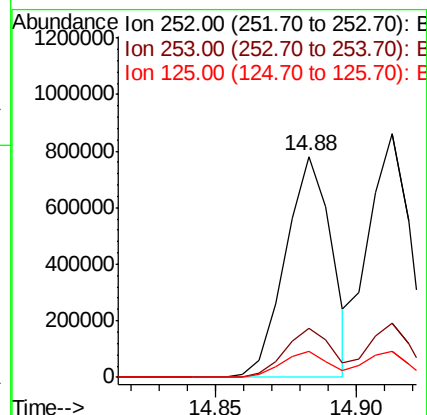
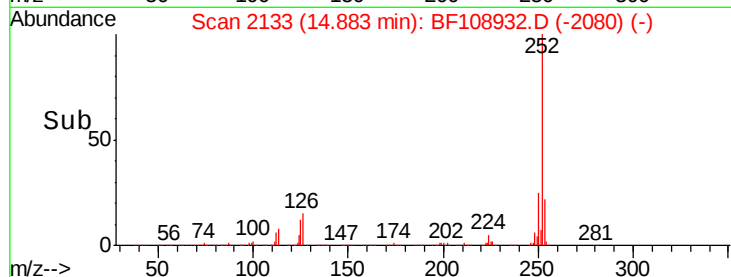
#87
Benzo(b)fluoranthene
Concen: 43.508 ng
RT: 14.88 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 890155
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 11.6 9.0 13.6

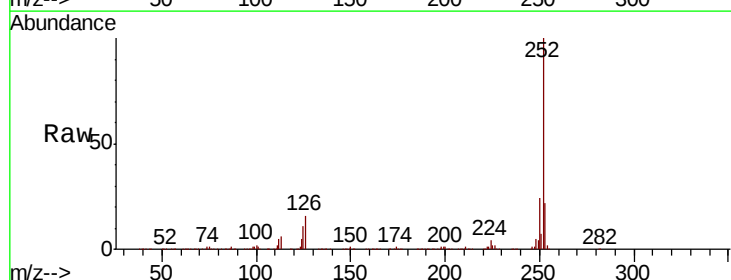


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

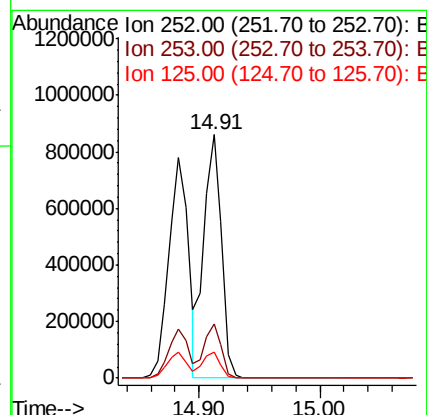
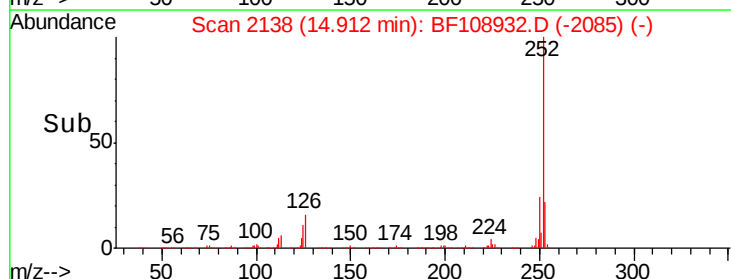


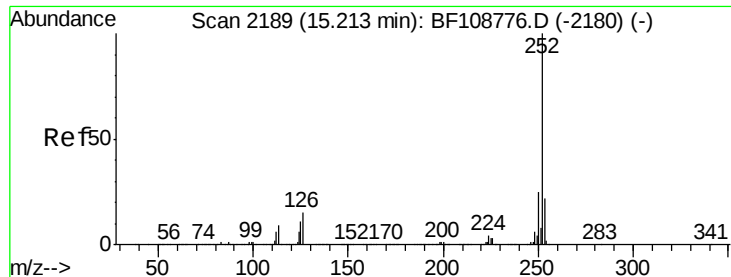
#88
Benzo(k)fluoranthene
Concen: 46.239 ng
RT: 14.91 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion:252 Resp: 871194
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 10.7 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

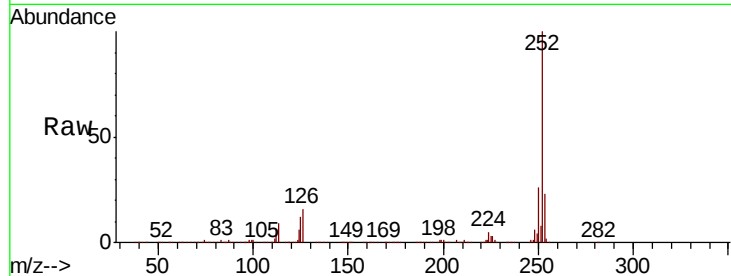




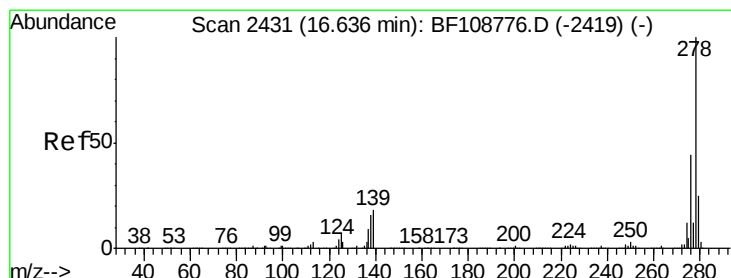
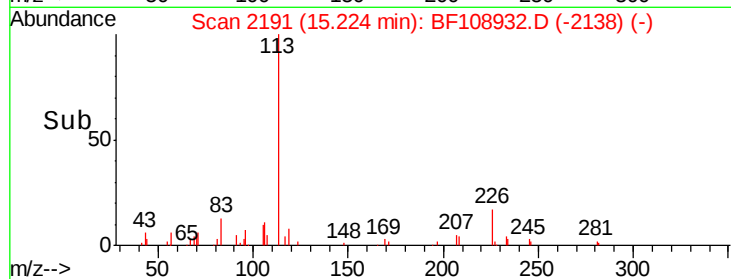
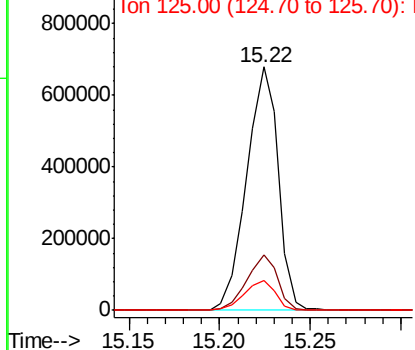
#89
Benzo(a)pyrene
Concen: 44.553 ng
RT: 15.22 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 822489
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 12.3 9.8 14.6

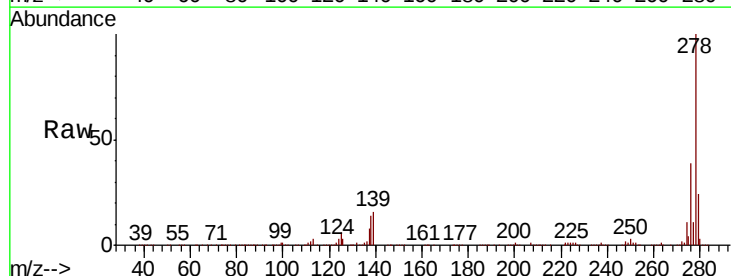


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

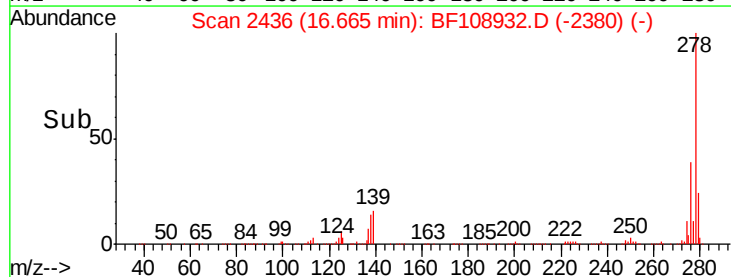
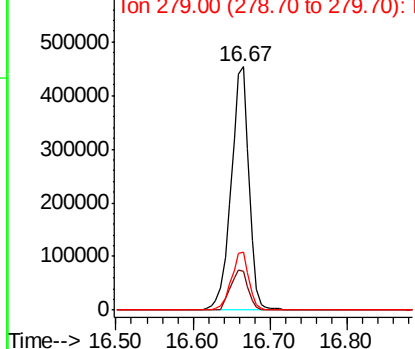


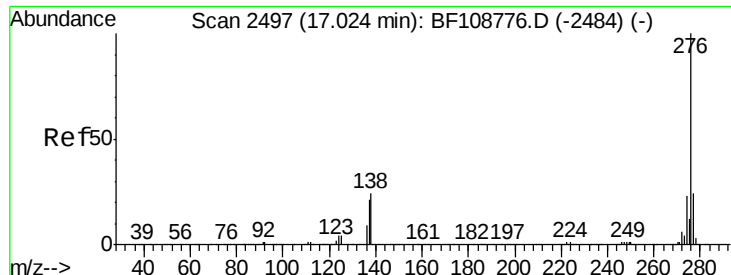
#90
Dibenzo(a,h)anthracene
Concen: 45.292 ng
RT: 16.67 min Scan# 2436
Delta R.T. 0.03 min
Lab File: BF108932.D
Acq: 11 Sep 2018 13:49

Tgt Ion:278 Resp: 736753
Ion Ratio Lower Upper
278 100
139 16.0 15.9 23.9
279 23.6 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(a,h,i)perylene
 Concen: 48.294 ng
 RT: 17.06 min Scan# 2503
 Delta R.T. 0.04 min
 Lab File: BF108932.D
 Acq: 11 Sep 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	21.9	21.8	32.8

