

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110041.D
 Acq On : 22 Oct 2018 11:32
 Operator : JU/SJ
 Sample : PB114001BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 02:06:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	163380	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	685617	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	330810	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	642839	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	490604	20.00	ng	-0.01
87) Perylene-d12	15.67	264	365343	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1330120	129.05	ng	0.00
7) Phenol-d6	6.60	99	1685607	131.70	ng	0.00
23) Nitrobenzene-d5	7.53	82	886440	87.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.81	330	427675	149.32	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1652402	79.70	ng	-0.01
79) Terphenyl-d14	13.09	244	1677614	71.81	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.94	88	181987	31.087	ng	91
3) Pyridine	3.69	79	506068	38.775	ng	87
4) n-Nitrosodimethylamine	3.65	42	230655	43.323	ng	# 95
6) Aniline	6.63	93	565893	32.810	ng	# 53
8) 2-Chlorophenol	6.76	128	473196	40.986	ng	98
9) Benzaldehyde	6.52	77	265448	31.916	ng	95
10) Phenol	6.61	94	563870	40.806	ng	# 63
11) bis(2-Chloroethyl)ether	6.70	93	443371	38.374	ng	92
12) 1,3-Dichlorobenzene	6.91	146	510788	40.347	ng	98
13) 1,4-Dichlorobenzene	6.99	146	516128	40.481	ng	98
14) 1,2-Dichlorobenzene	7.14	146	479527	40.843	ng	99
15) Benzyl Alcohol	7.11	79	415937	42.242	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	742978	39.179	ng	68
17) 2-Methylphenol	7.21	107	391139	42.013	ng	# 82
18) Hexachloroethane	7.48	117	191480	42.497	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	321692	39.146	ng	93
20) 3+4-Methylphenols	7.36	107	494927	41.893	ng	93
22) Acetophenone	7.37	105	644468	40.533	ng	# 95
24) Nitrobenzene	7.55	77	484325	43.804	ng	95
25) Isophorone	7.79	82	893840	44.696	ng	96
26) 2-Nitrophenol	7.87	139	235550	51.382	ng	90
27) 2,4-Dimethylphenol	7.90	122	443853	46.078	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	567368	41.339	ng	98
29) 2,4-Dichlorophenol	8.10	162	397731	42.563	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	425556	40.673	ng	96
31) Naphthalene	8.27	128	1366969	43.479	ng	99
32) Benzoic acid	8.02	122	264961	44.147	ng	89
33) 4-Chloroaniline	8.32	127	333724	23.613	ng	97
34) Hexachlorobutadiene	8.39	225	235505	40.819	ng	98
35) Caprolactam	8.73	113	74521	22.455	ng	95
36) 4-Chloro-3-methylphenol	8.80	107	427651	43.382	ng	94
37) 2-Methylnaphthalene	8.97	142	947567	46.544	ng	99
38) 1-Methylnaphthalene	9.07	142	886308	44.928	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	395343	38.800	ng	98

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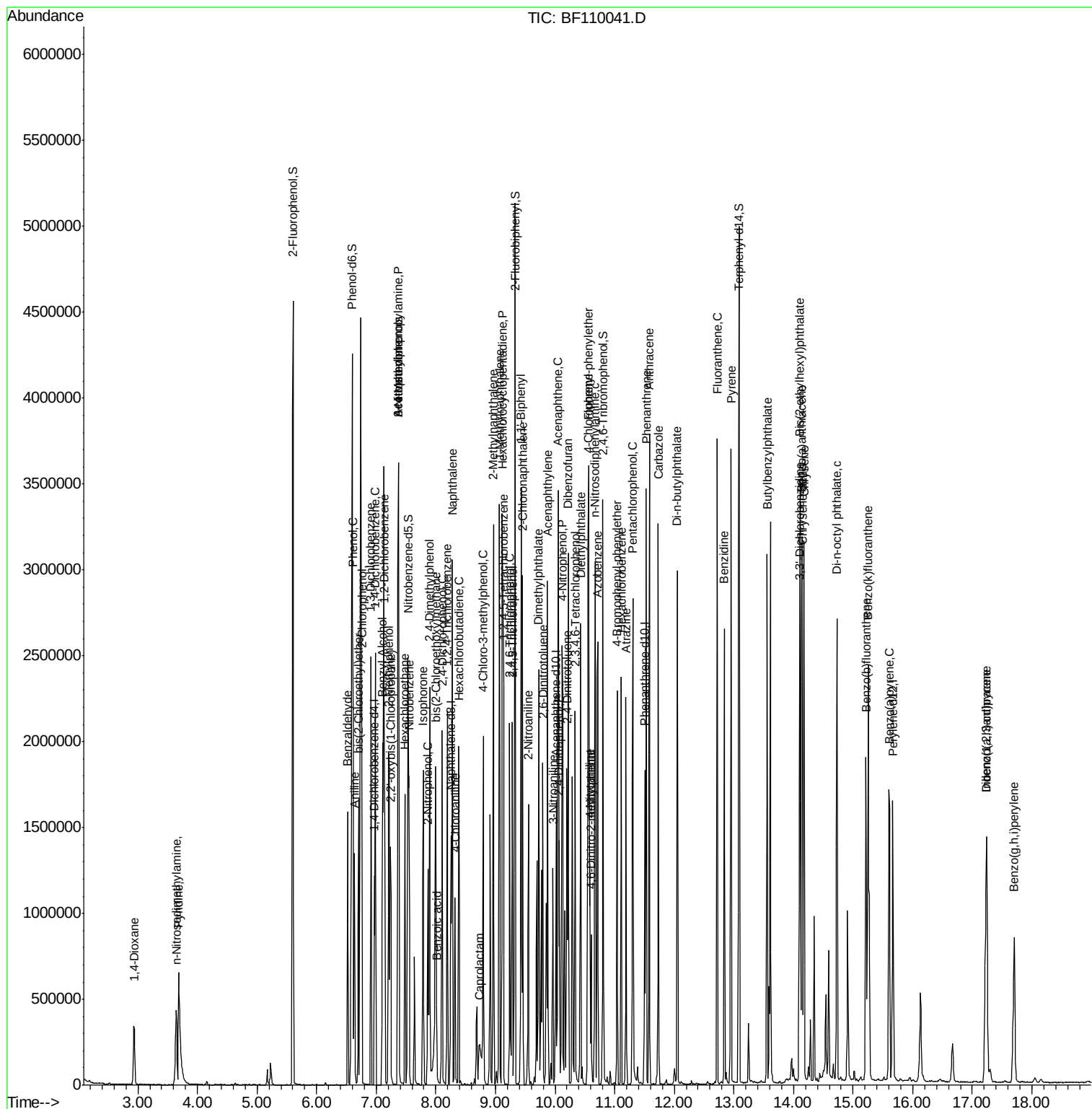
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	506789	103.049	ng	100
43) 2,4,6-Trichlorophenol	9.24	196	267364	41.964	ng	97
44) 2,4,5-Trichlorophenol	9.28	196	283978	42.945	ng	95
46) 1,1'-Biphenyl	9.43	154	1129925	38.337	ng	98
47) 2-Chloronaphthalene	9.46	162	867458	39.956	ng	99
48) 2-Nitroaniline	9.55	65	270415	48.535	ng	97
49) Acenaphthylene	9.87	152	1354723	42.953	ng	98
50) Dimethylphthalate	9.73	163	989020	42.222	ng	99
51) 2,6-Dinitrotoluene	9.79	165	222317	49.969	ng	97
52) Acenaphthene	10.05	154	928950	46.263	ng	98
53) 3-Nitroaniline	9.96	138	181143	33.470	ng	91
54) 2,4-Dinitrophenol	10.07	184	178684	120.941	ng	89
55) Dibenzofuran	10.22	168	1191344	41.603	ng	98
56) 4-Nitrophenol	10.13	139	538210	130.332	ng	88
57) 2,4-Dinitrotoluene	10.20	165	301083	53.041	ng	91
58) Fluorene	10.56	166	936771	44.938	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	240606	45.911	ng	94
60) Diethylphthalate	10.43	149	967515	41.819	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	443462	40.839	ng	98
62) 4-Nitroaniline	10.59	138	256517	50.071	ng	92
63) Azobenzene	10.72	77	975436	40.358	ng	94
65) 4,6-Dinitro-2-methylphenol	10.61	198	115446	49.313	ng	98
66) n-Nitrosodiphenylamine	10.67	169	836672	39.078	ng	96
67) 4-Bromophenyl-phenylether	11.05	248	274441	39.393	ng	96
68) Hexachlorobenzene	11.11	284	281681	37.916	ng	# 93
69) Atrazine	11.20	200	279714	41.824	ng	98
70) Pentachlorophenol	11.30	266	301424	71.294	ng	98
71) Phenanthrene	11.53	178	1415241	42.525	ng	100
72) Anthracene	11.58	178	1447240	43.255	ng	99
73) Carbazole	11.73	167	1288647	39.189	ng	100
74) Di-n-butylphthalate	12.05	149	1499711	40.866	ng	100
75) Fluoranthene	12.72	202	1456634	43.813	ng	100
77) Benzidine	12.84	184	919735	48.895	ng	97
78) Pyrene	12.95	202	1482423	41.140	ng	99
80) Butylbenzylphthalate	13.56	149	645778	44.329	ng	100
81) Benzo(a)anthracene	14.14	228	1257636	43.520	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	224603	22.170	ng	100
83) Chrysene	14.18	228	1155030	41.991	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	860965	44.915	ng	96
85) Di-n-octyl phthalate	14.73	149	1296520	47.975	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	869749	39.272	ng	# 95
88) Benzo(b)fluoranthene	15.22	252	1002644	47.603	ng	98
89) Benzo(k)fluoranthene	15.25	252	909626	43.815	ng	98
90) Benzo(a)pyrene	15.60	252	879153	45.383	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	722182	42.066	ng	97
92) Benzo(g,h,i)perylene	17.71	276	714205	41.175	ng	95

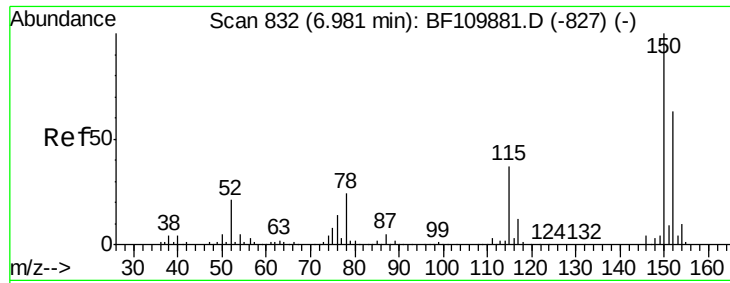
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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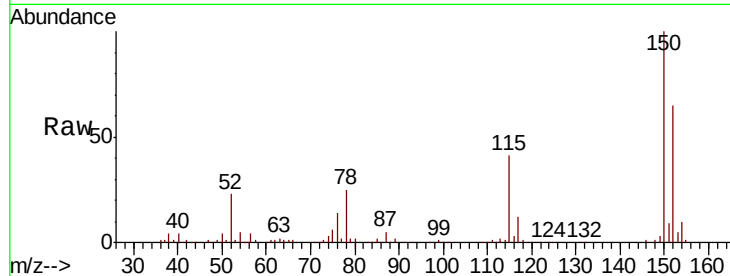


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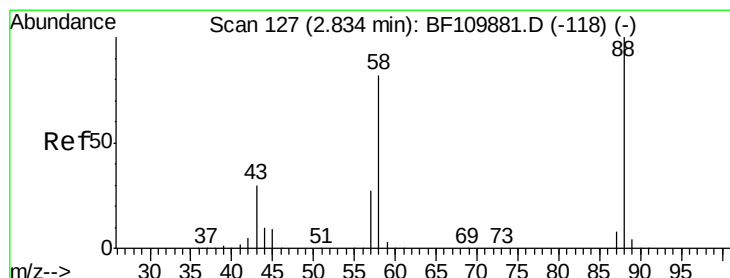
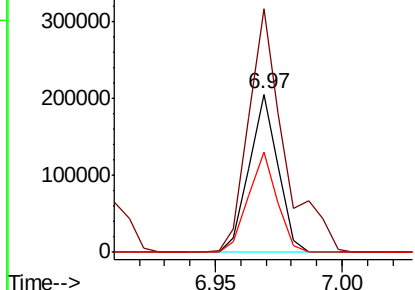
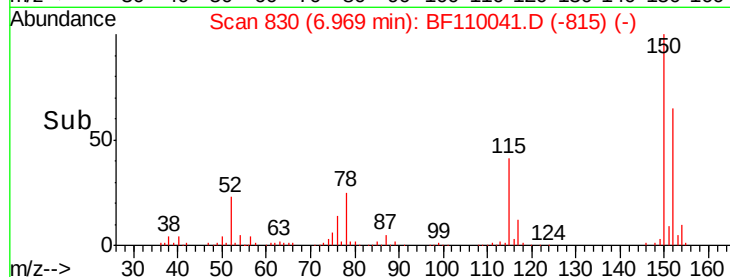
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163380
Ion Ratio Lower Upper
152 100
150 153.7 122.7 184.1
115 63.1 49.1 73.7



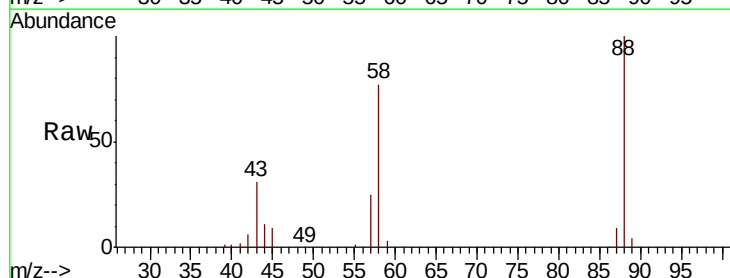
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



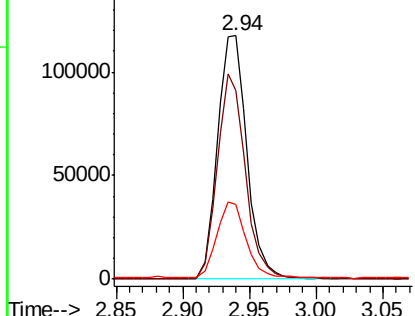
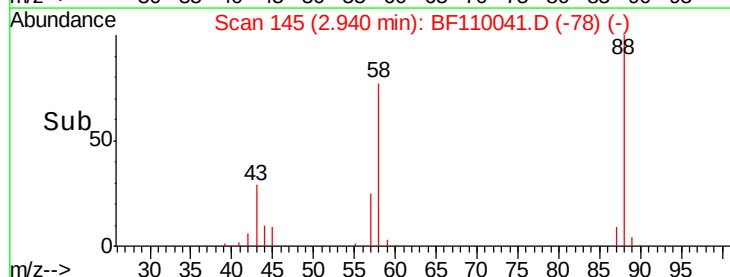
#2

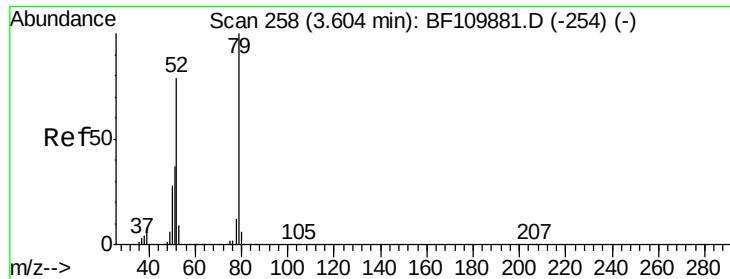
1,4-Dioxane
Concen: 31.087 ng
RT: 2.94 min Scan# 145
Delta R.T. 0.09 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion: 88 Resp: 181987
Ion Ratio Lower Upper
88 100
58 80.7 57.1 85.7
43 31.9 24.1 36.1



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





#3

Pvridine

Concen: 38.775 ng

RT: 3.69 min Scan# 272

Delta R.T. 0.07 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampled :

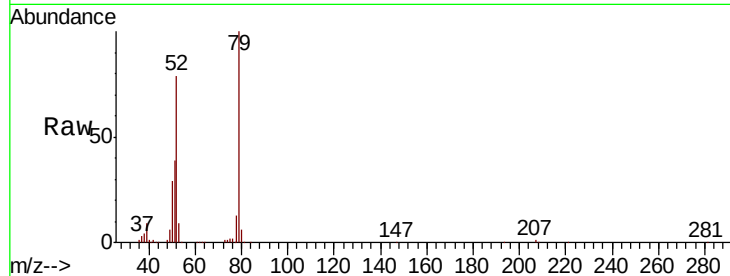
Tot Ion: 79 Resp: 506068

Ion Ratio Lower Upper

79 100

52 79.2 53.1 79.7

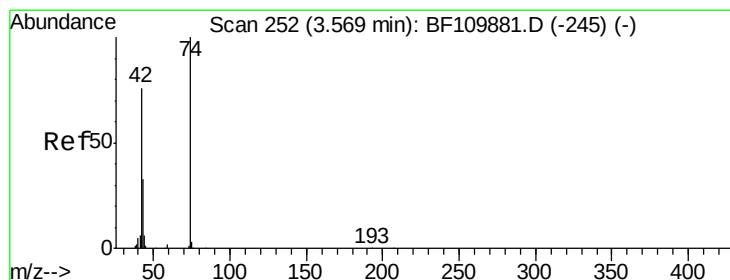
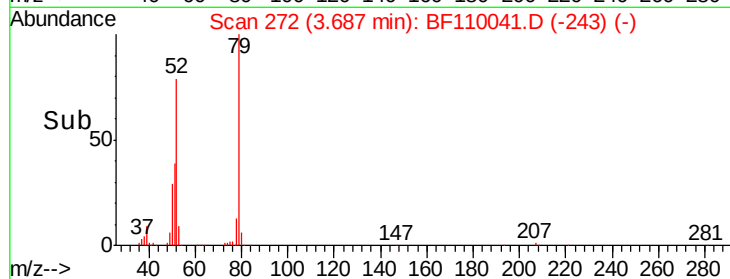
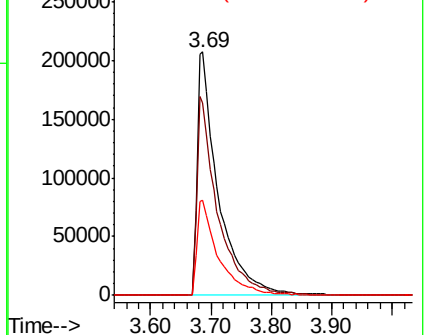
51 39.1 27.4 41.2



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: 43.323 ng

RT: 3.65 min Scan# 265

Delta R.T. 0.06 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

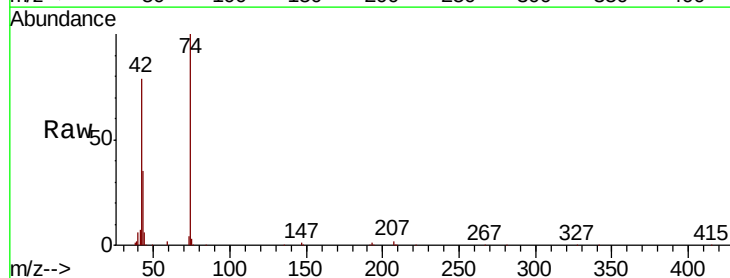
Tgt Ion: 42 Resp: 230655

Ion Ratio Lower Upper

42 100

74 126.1 105.5 158.3

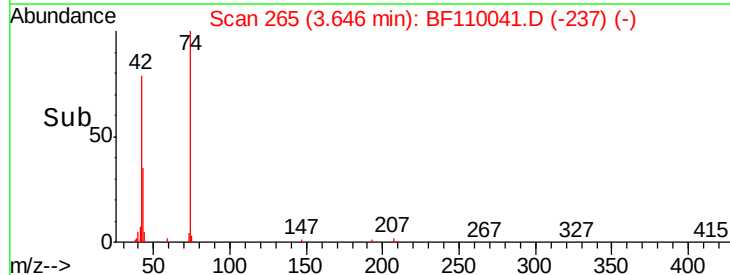
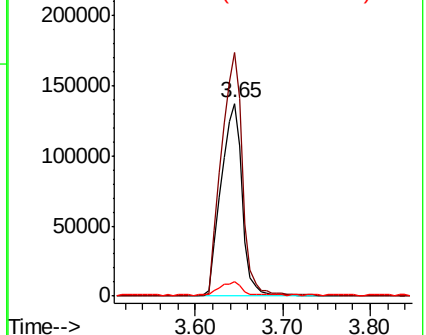
44 7.4 4.9 7.3#

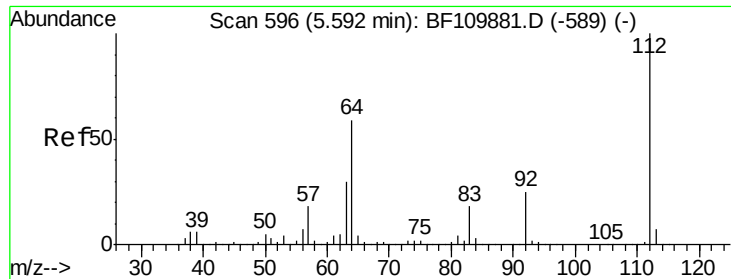


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 129.050 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampled :

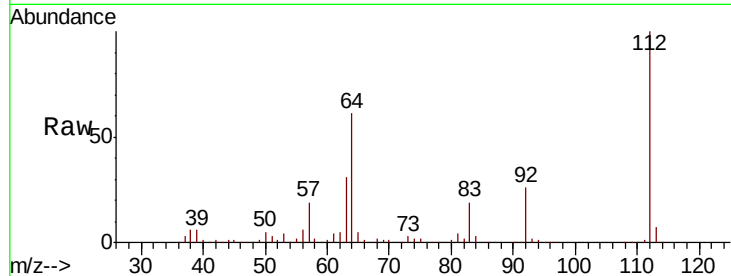
Tot Ion:112 Resp: 1330120

Ion Ratio Lower Upper

112 100

64 60.6 44.1 66.1

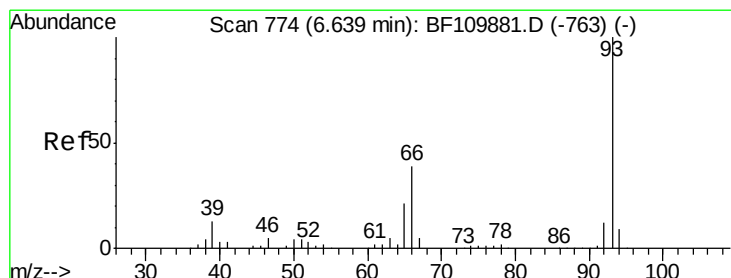
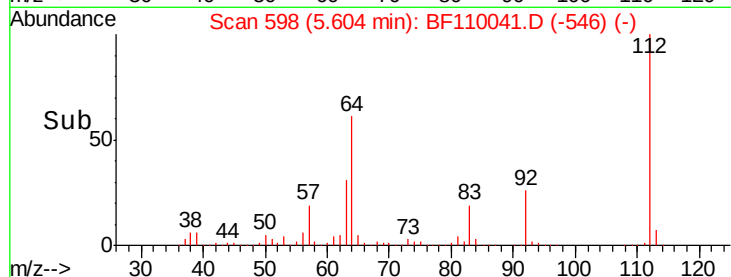
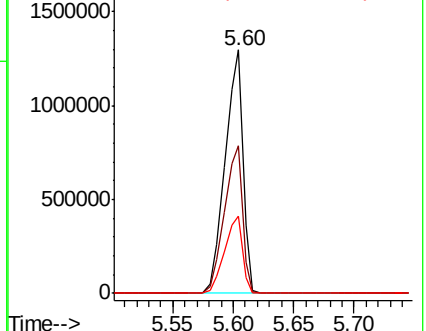
63 31.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.810 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

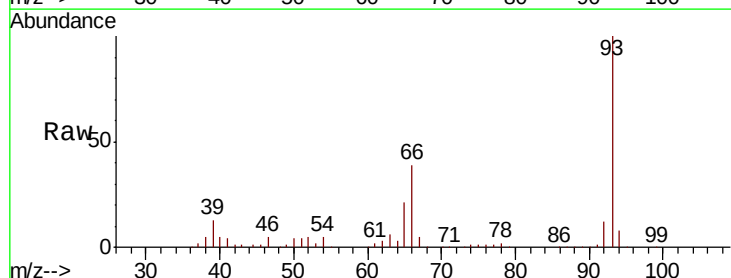
Tgt Ion: 93 Resp: 565893

Ion Ratio Lower Upper

93 100

66 39.3 67.4 101.0#

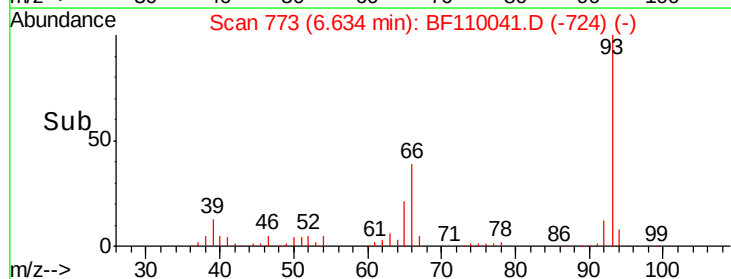
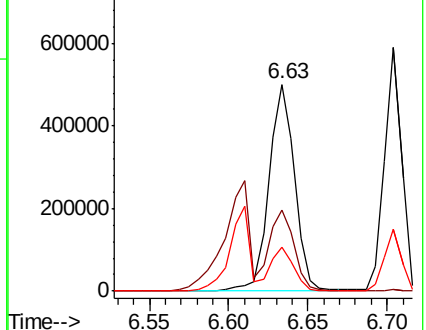
65 21.3 41.0 61.4#

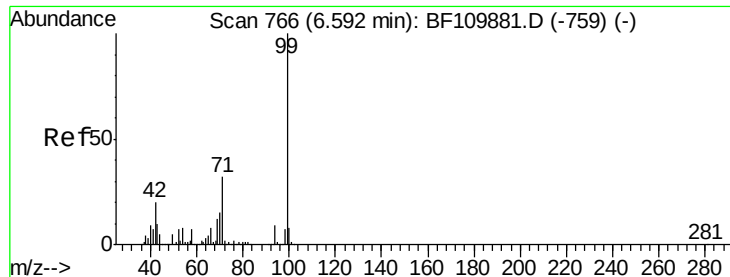


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.703 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

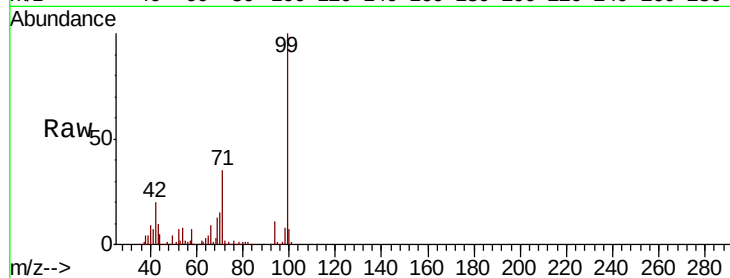
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1685607

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	34.5	28.0	42.0

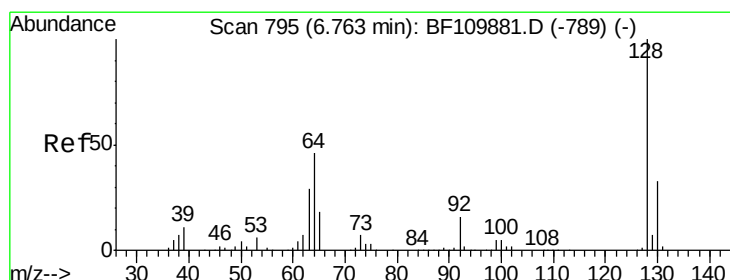
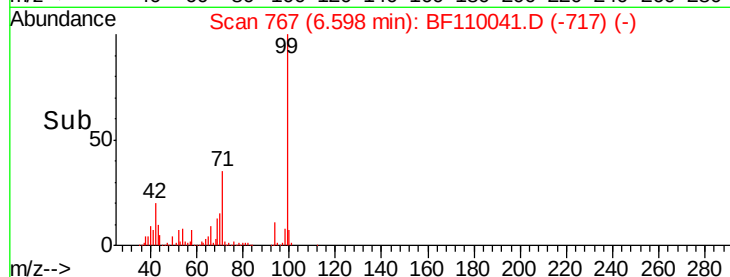
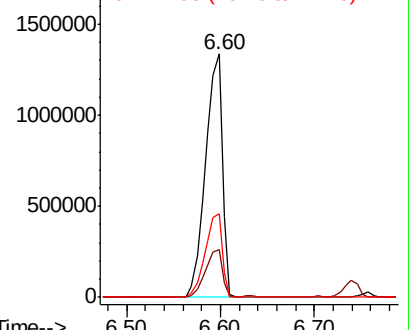


Abundance

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: 40.986 ng

RT: 6.76 min Scan# 794

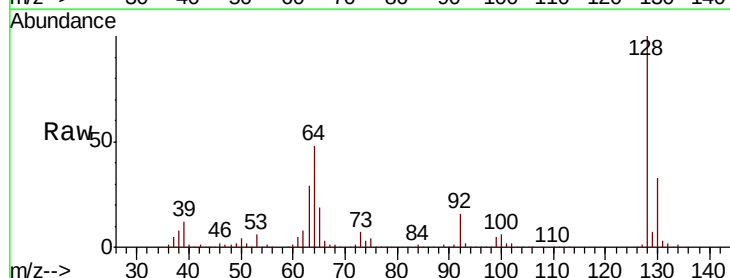
Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Tgt Ion: 128 Resp: 473196

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.1	53.1
64	47.7	26.0	66.0

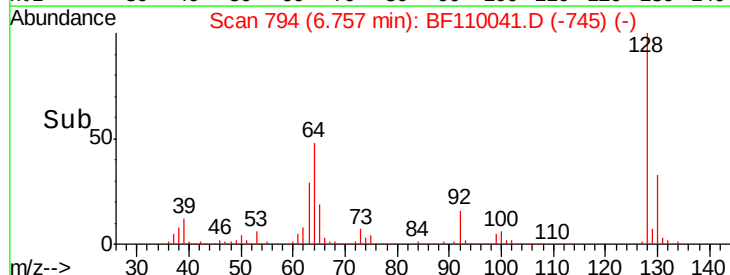
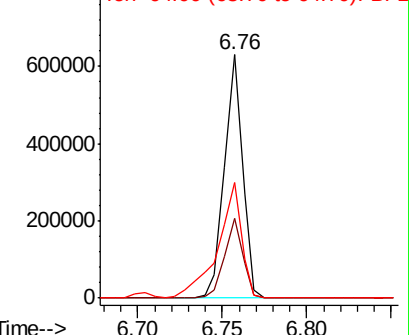


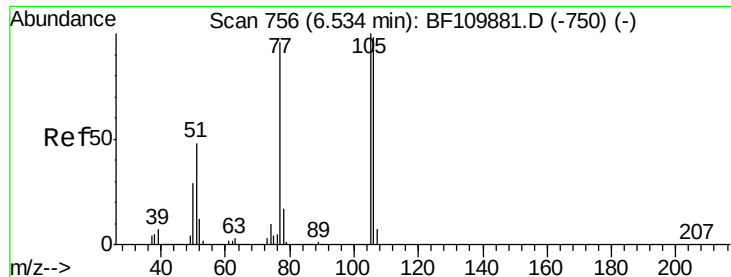
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.916 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

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ClientSampled :

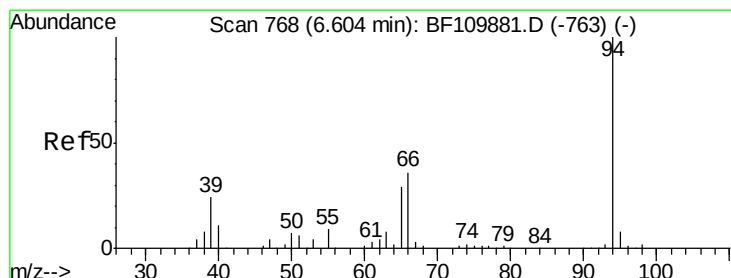
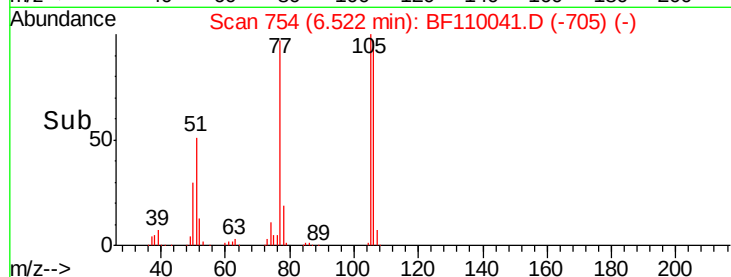
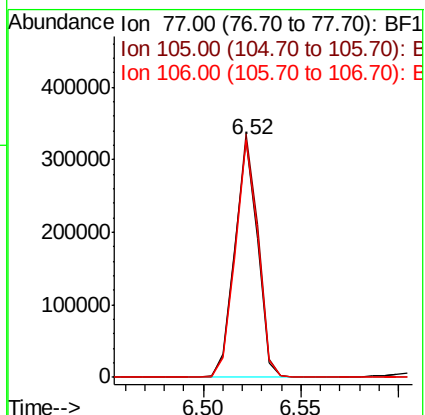
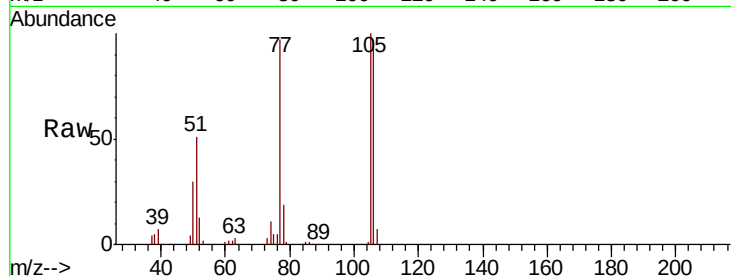
Tot Ion: 77 Resp: 265448

Ion Ratio Lower Upper

77 100

105 102.6 78.6 118.6

106 100.0 74.8 114.8



#10

Phenol

Concen: 40.806 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

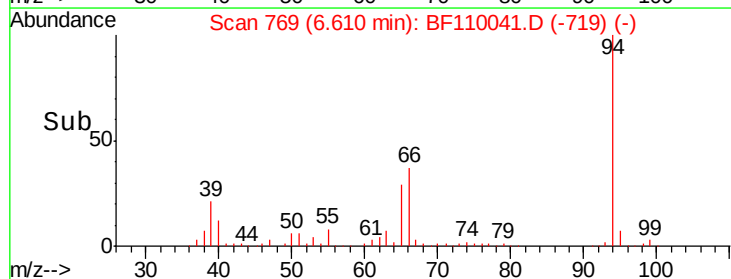
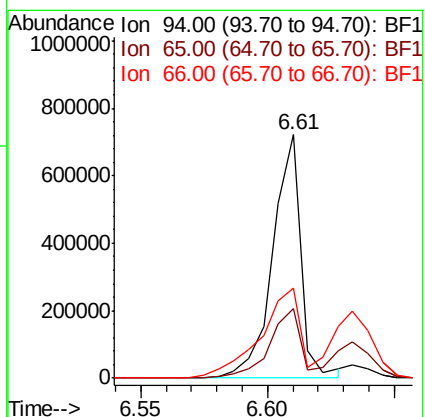
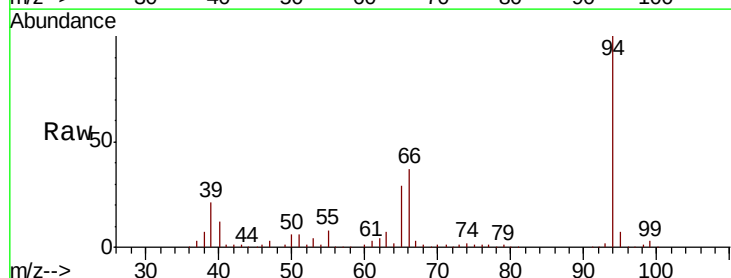
Tgt Ion: 94 Resp: 563870

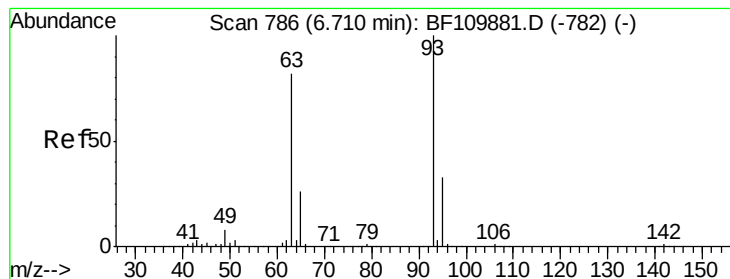
Ion Ratio Lower Upper

94 100

65 28.7 25.3 65.3

66 36.9 54.5 94.5#





#11

bis(2-Chloroethyl)ether

Concen: 38.374 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampleId :

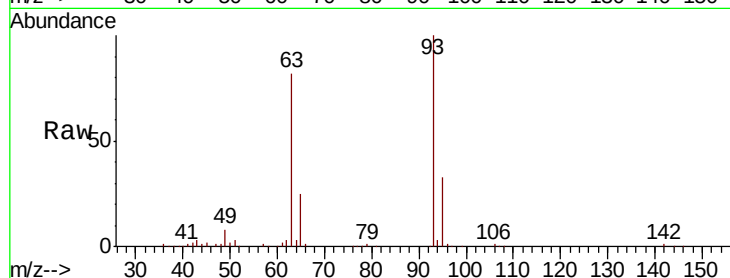
Tot Ion: 93 Resp: 443371

Ion Ratio Lower Upper

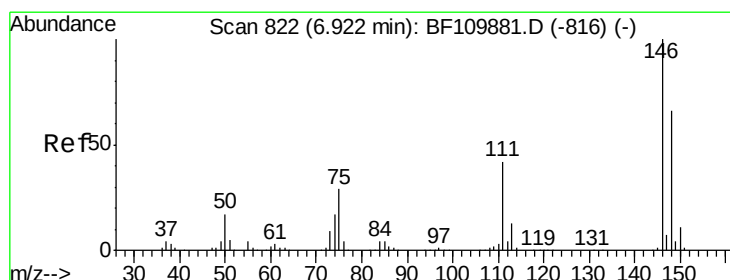
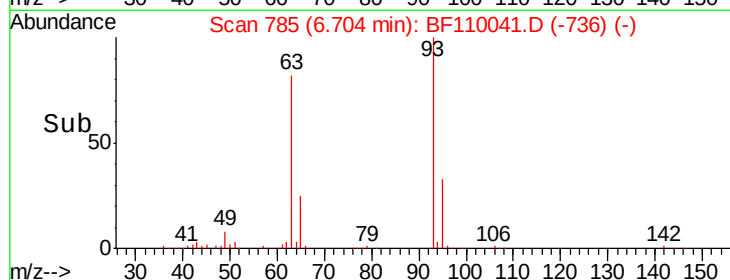
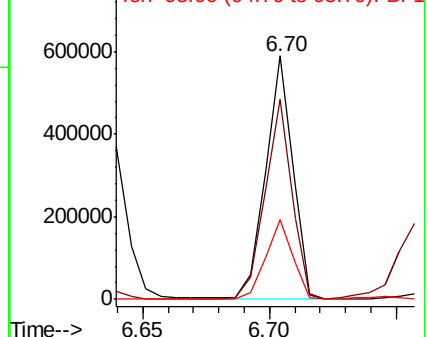
93 100

63 82.0 53.4 93.4

95 33.0 12.1 52.1



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: 40.347 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

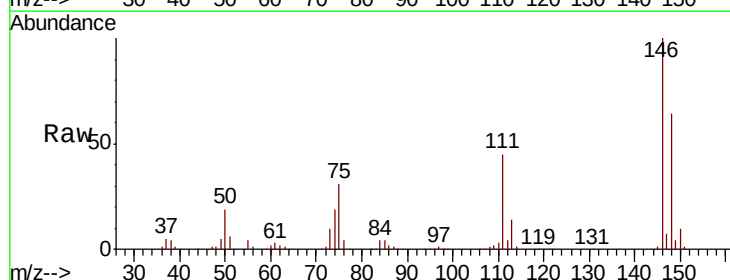
Tgt Ion: 146 Resp: 510788

Ion Ratio Lower Upper

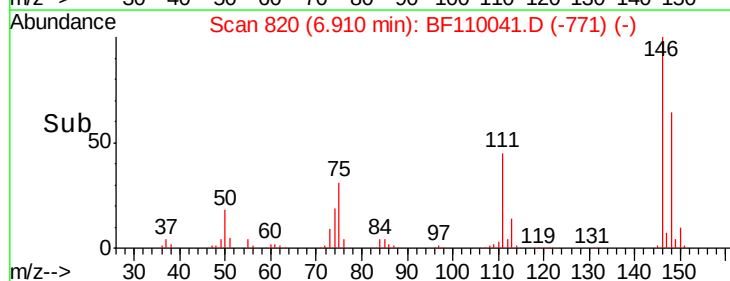
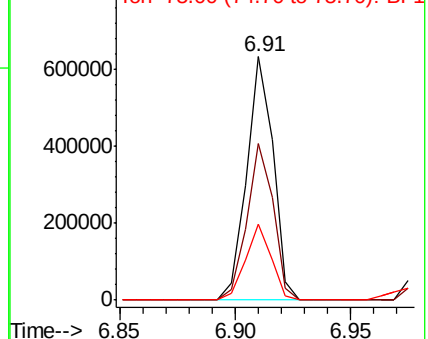
146 100

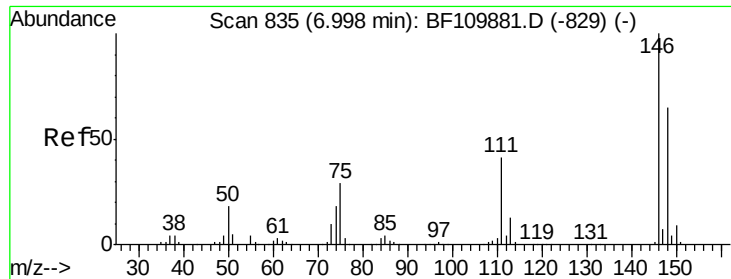
148 64.3 50.4 75.6

75 31.3 25.8 38.6



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

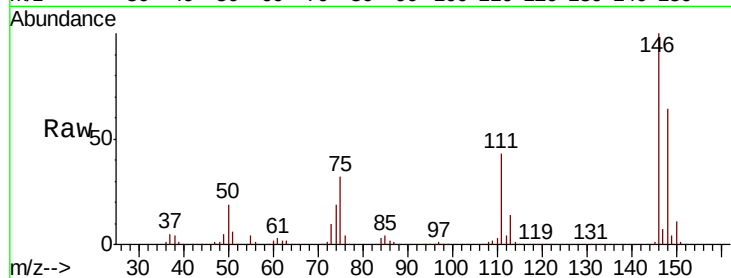




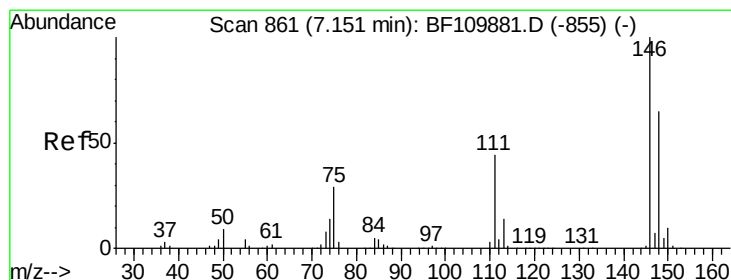
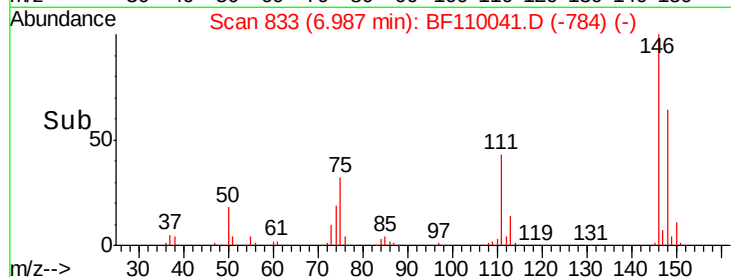
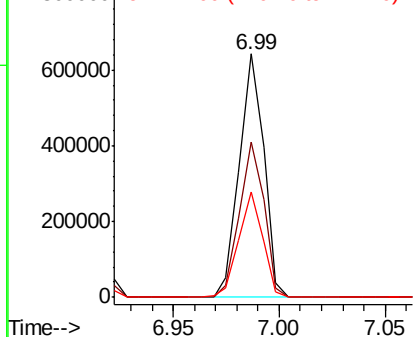
#13
 1,4-Dichlorobenzene
 Concen: 40.481 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 516128
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.3 75.5
 111 43.5 32.7 49.1

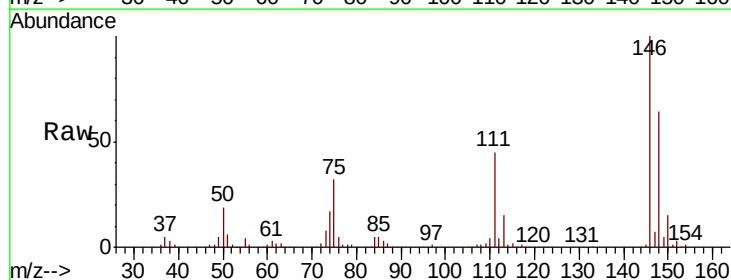


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

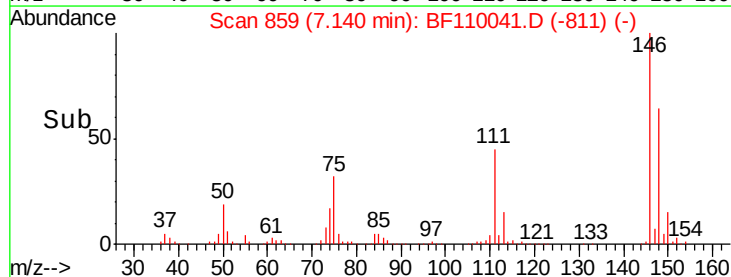
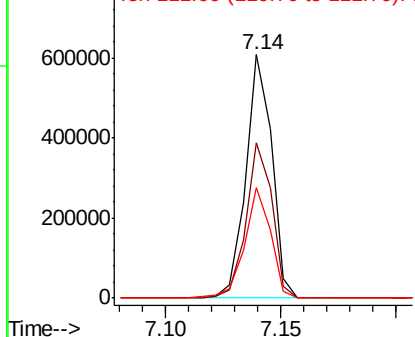


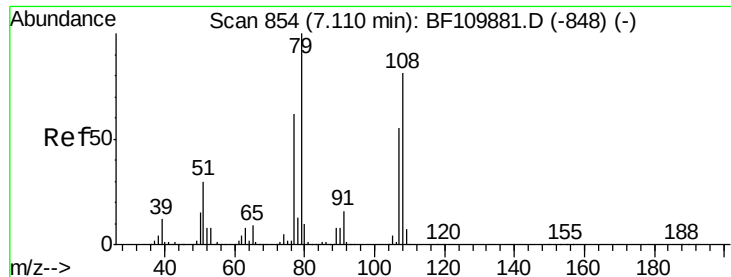
#14
 1,2-Dichlorobenzene
 Concen: 40.843 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Tgt Ion:146 Resp: 479527
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.1 76.7
 111 45.4 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.242 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampled :

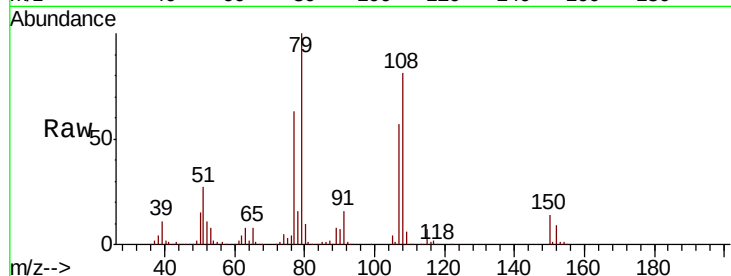
Tot Ion: 79 Resp: 415937

Ion Ratio Lower Upper

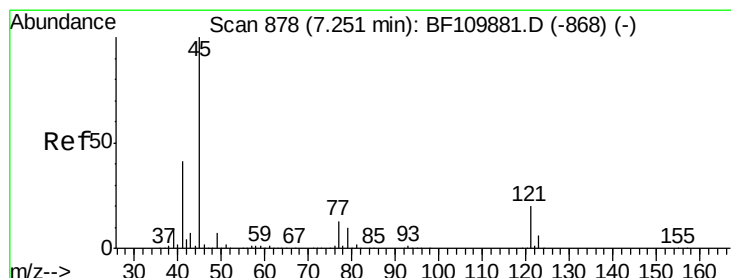
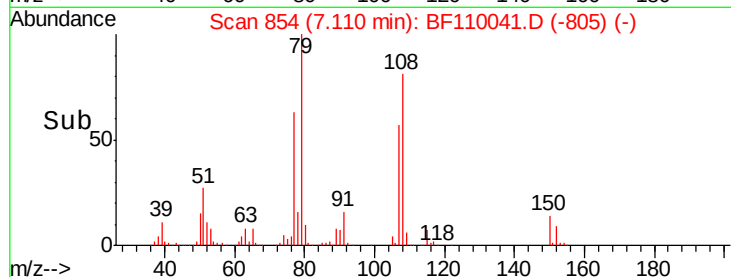
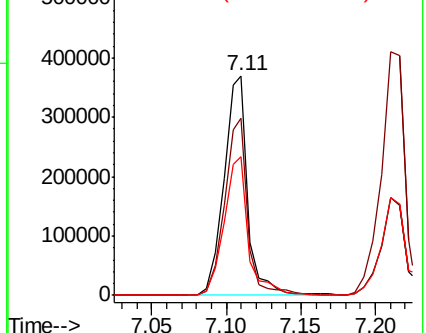
79 100

108 80.5 56.3 84.5

77 63.2 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.179 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

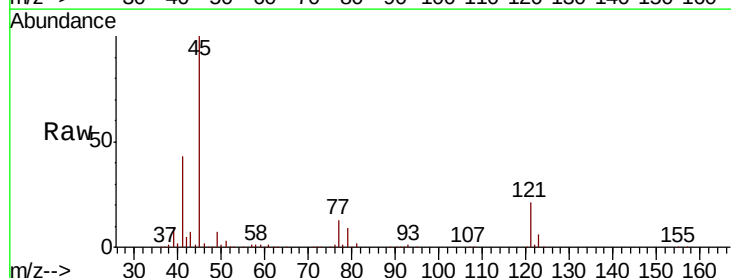
Tgt Ion: 45 Resp: 742978

Ion Ratio Lower Upper

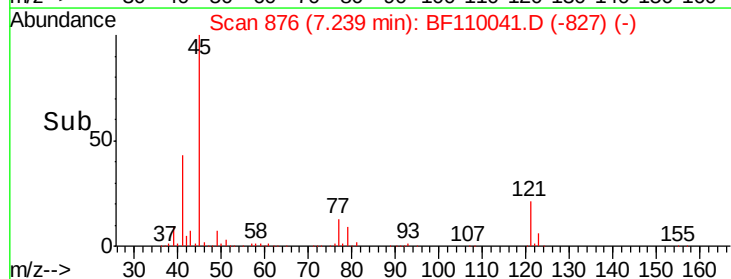
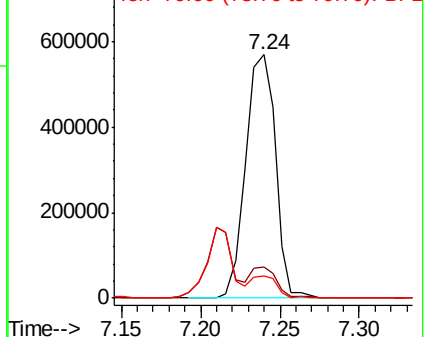
45 100

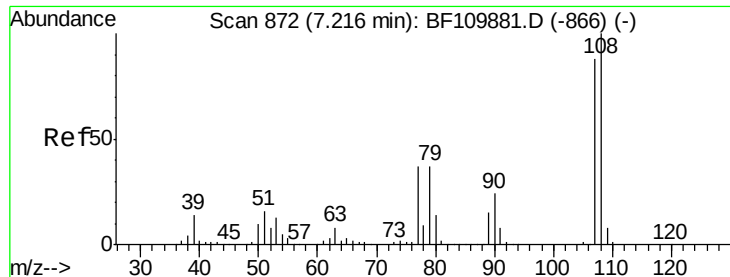
77 12.8 10.0 50.0

79 9.4 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

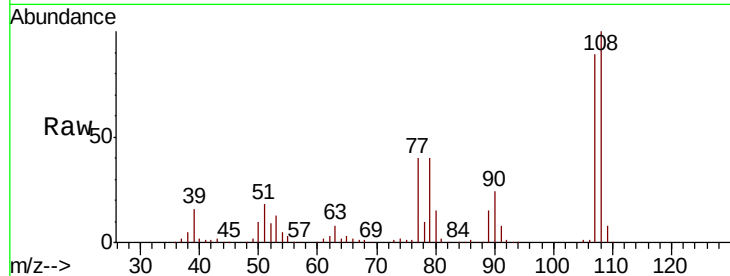




#17
2-Methylphenol
Concen: 42.013 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	92.6	138.8
77	45.6	59.4	89.2#
79	45.4	54.0	81.0#



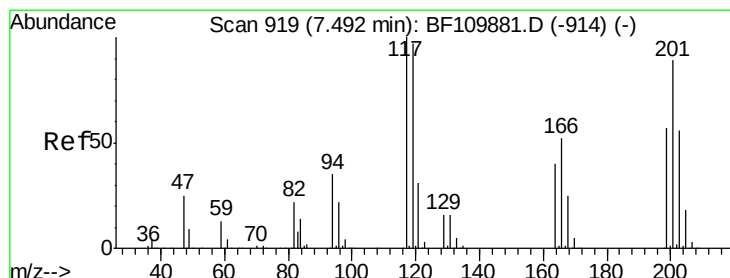
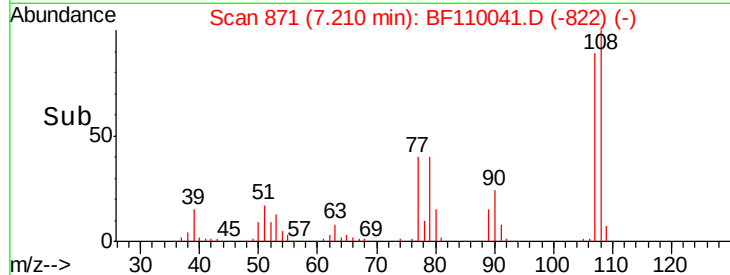
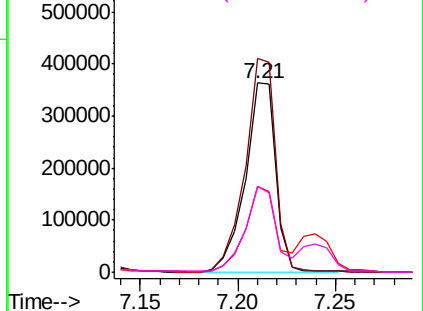
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

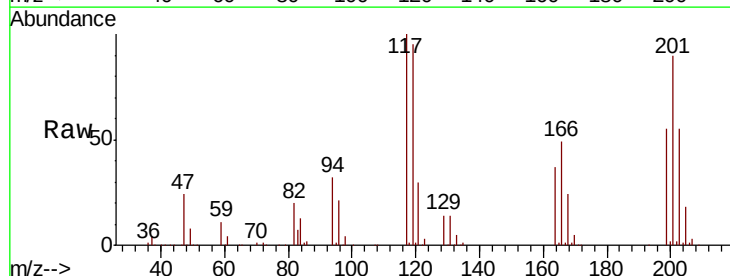
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.497 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.0	112.6
201	90.1	79.2	118.8

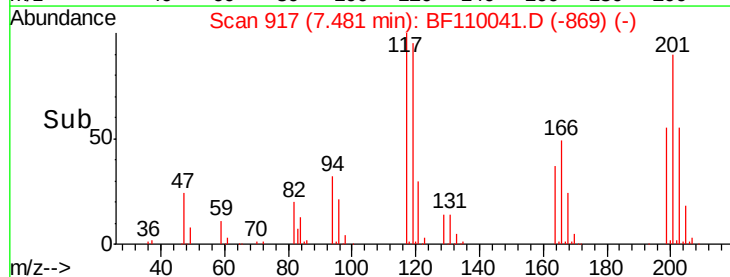
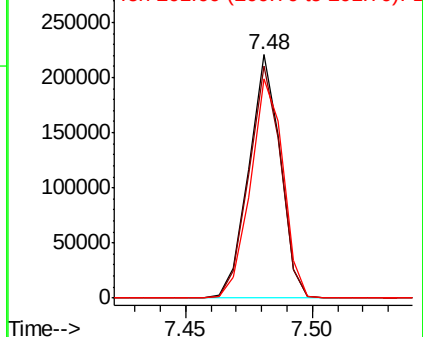


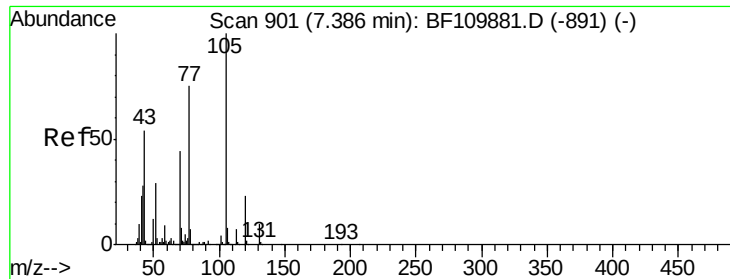
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

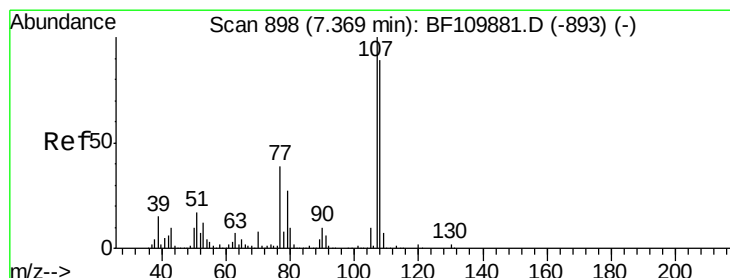
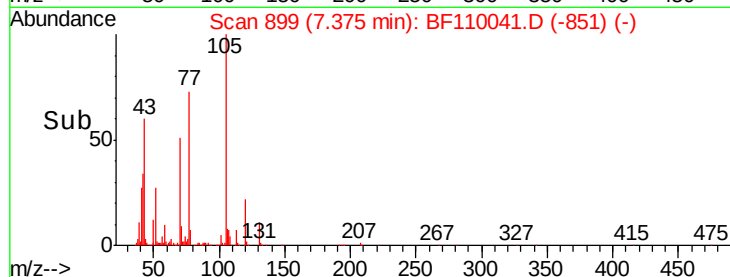
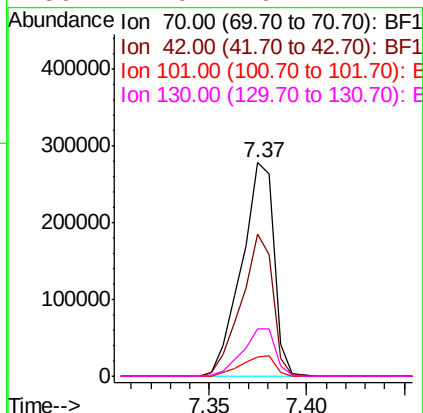
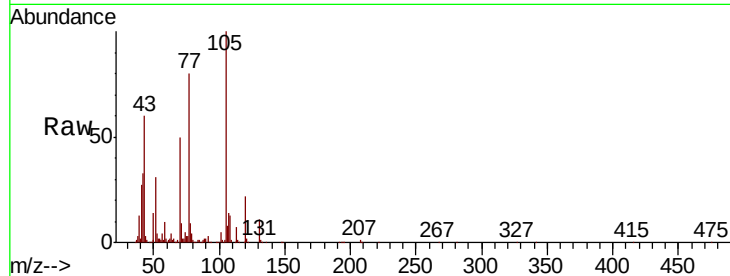




#19
n-Nitroso-di-n-propylamine
Concen: 39.146 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

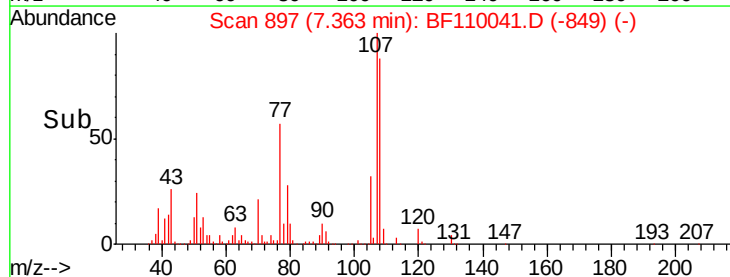
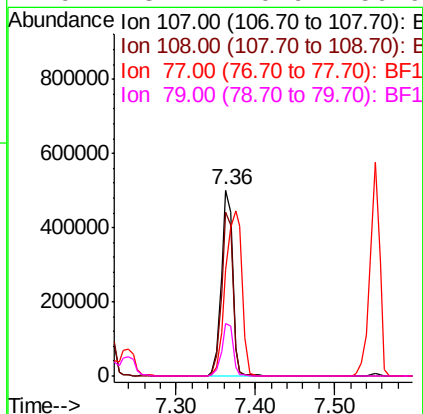
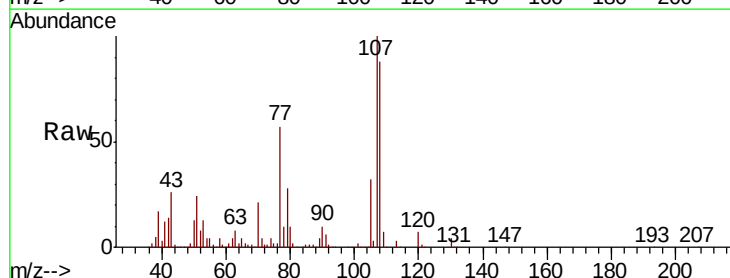
Instrument :
BNA_F
ClientSampleId :

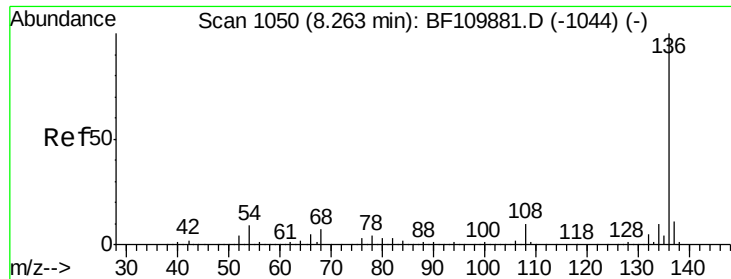
Tot Ion:	70	Resp:	321692
Ion	Ratio	Lower	Upper
70	100		
42	66.5	47.4	71.2
101	9.2	7.3	10.9
130	22.0	16.2	24.2



#20
3+4-Methylphenols
Concen: 41.893 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:	107	Resp:	494927
Ion	Ratio	Lower	Upper
107	100		
108	88.0	71.4	111.4
77	57.2	47.3	87.3
79	28.2	10.9	50.9

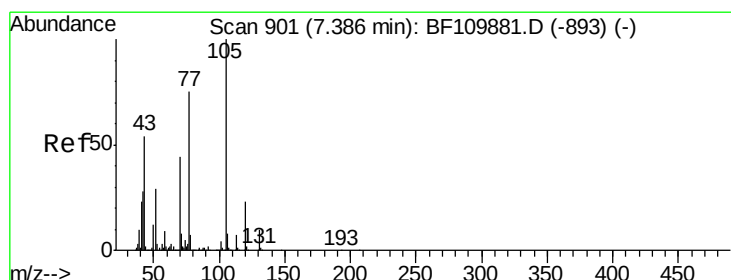
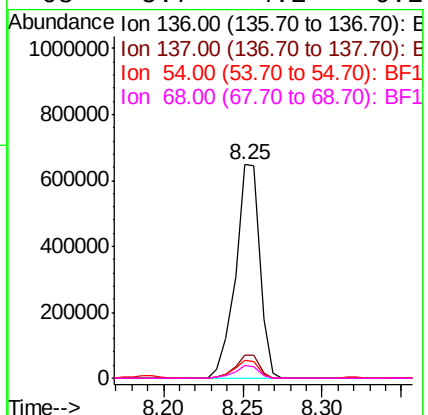
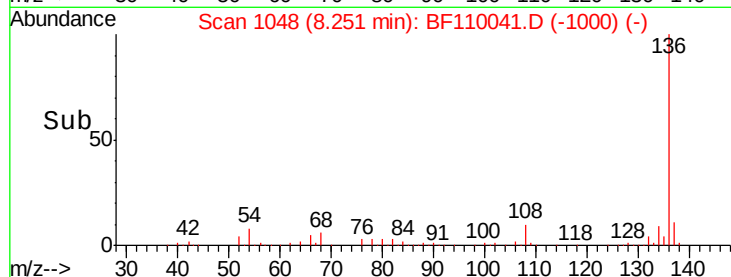
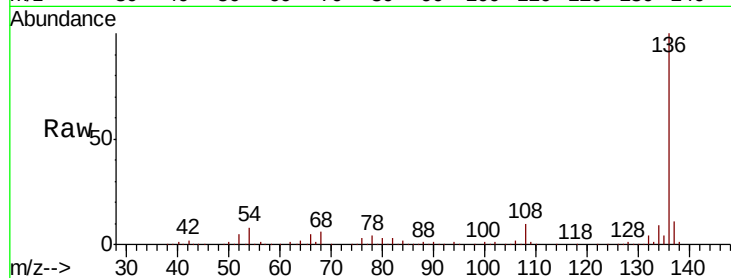




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

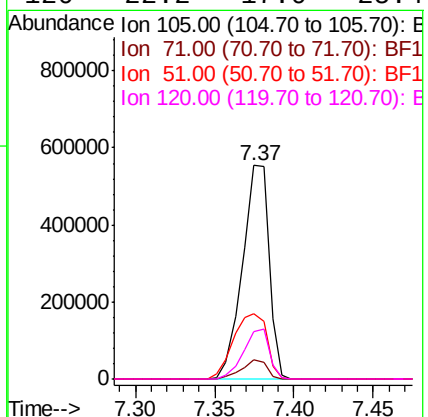
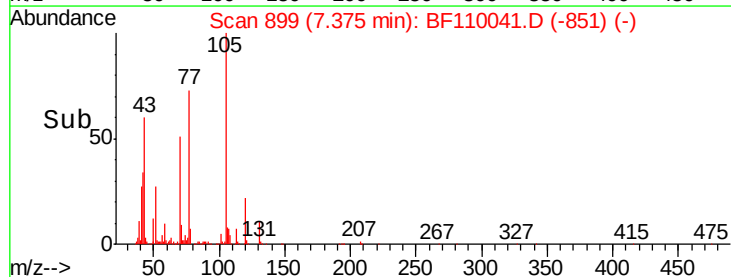
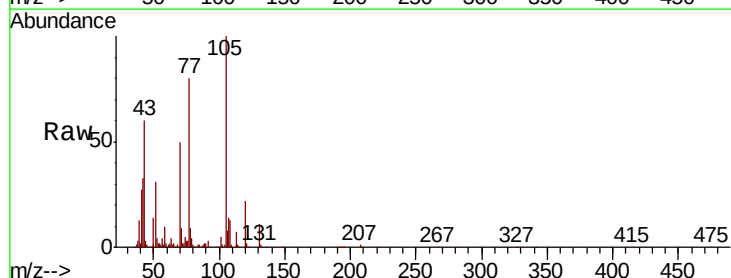
Instrument :
BNA_F
ClientSampleId :

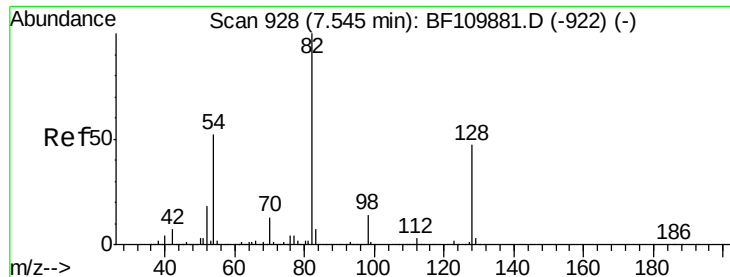
Tot Ion:136	Resp: 685617
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 8.5	5.4 8.2#
68 5.7	4.2 6.2



#22
Acetophenone
Concen: 40.533 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:105	Resp: 644468
Ion Ratio	Lower Upper
105 100	
71 8.8	5.2 7.8#
51 30.8	21.8 32.8
120 22.2	17.0 25.4

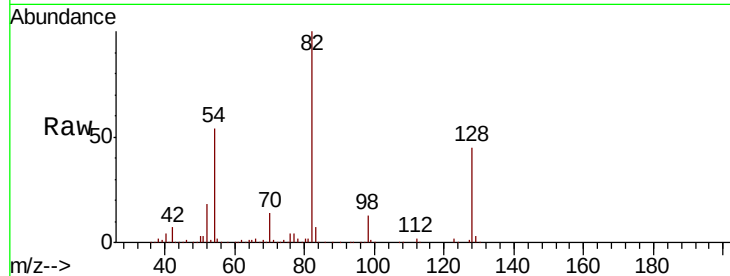




#23
 Nitrobenzene-d5
 Concen: 87.095 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	886440
Ion Ratio	Lower	Upper	
82	100		
128	45.5	34.2	51.2
54	54.1	38.6	58.0

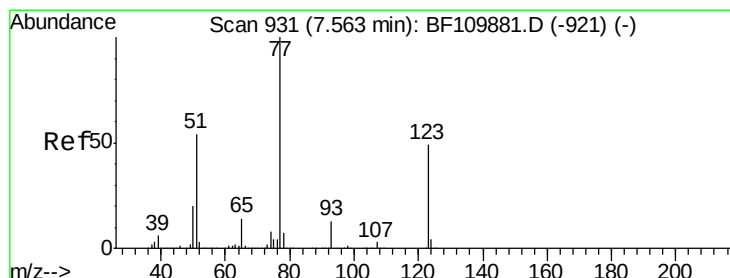
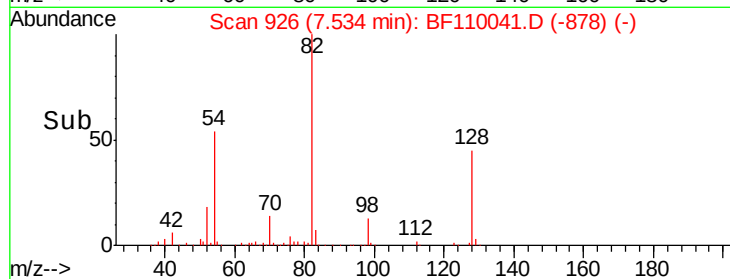
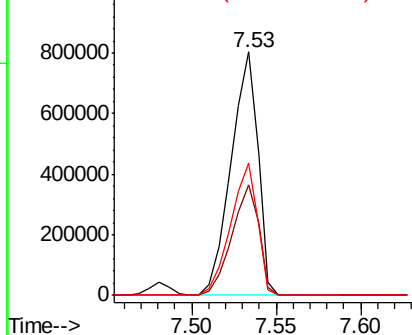


Abundance

Ion 82.00 (81.70 to 82.70): BF1

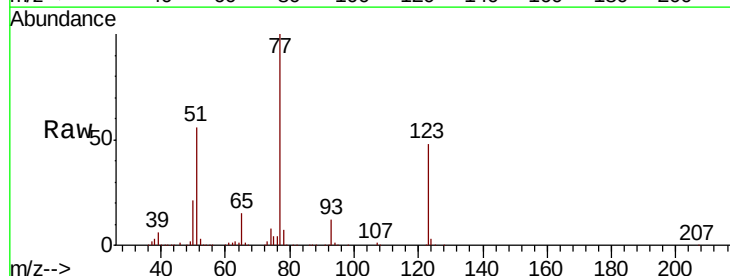
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 43.804 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Tgt Ion	77	Resp	484325
Ion Ratio	Lower	Upper	
77	100		
123	48.2	35.7	53.5
65	14.6	10.7	16.1

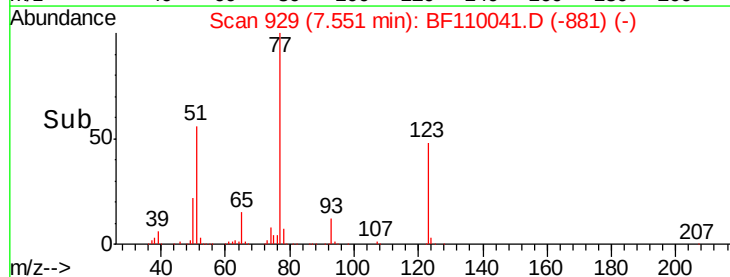
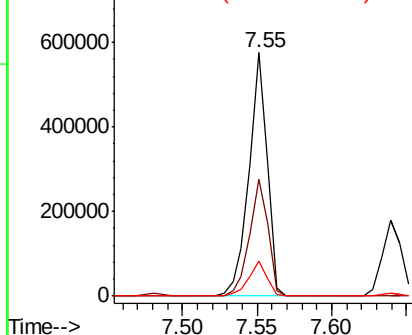


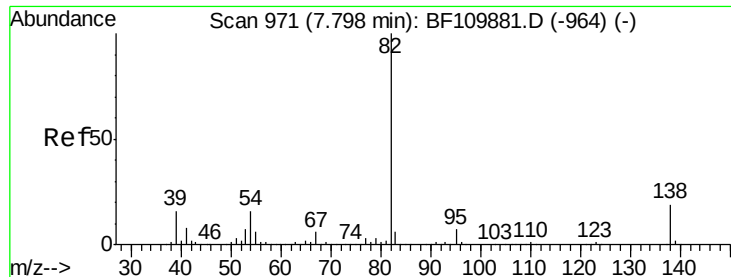
Abundance

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

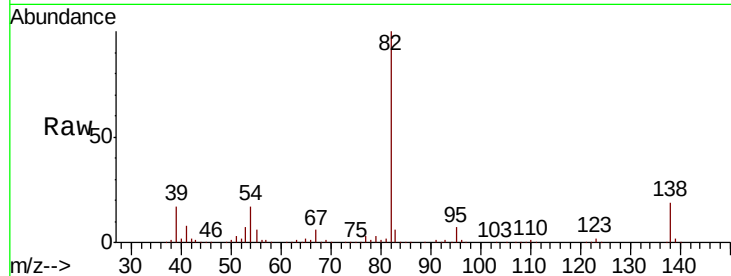




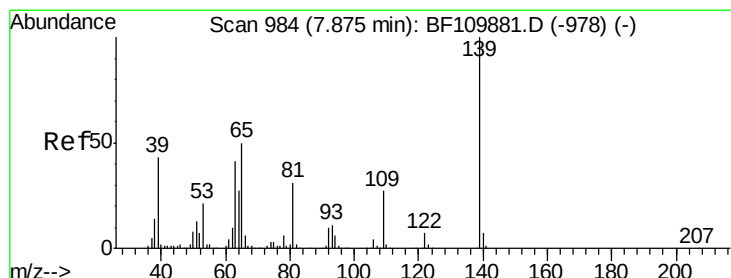
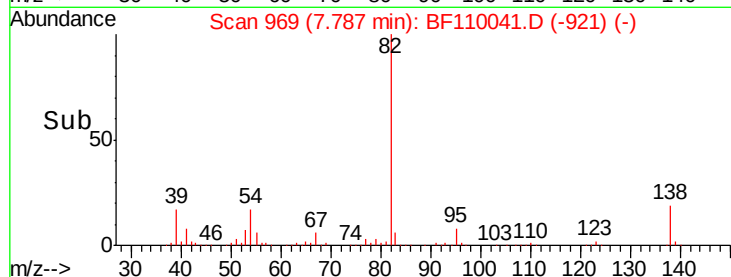
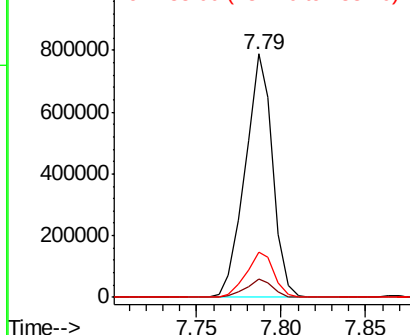
#25
Isophorone
Concen: 44.696 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 893840
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 18.6 13.2 19.8

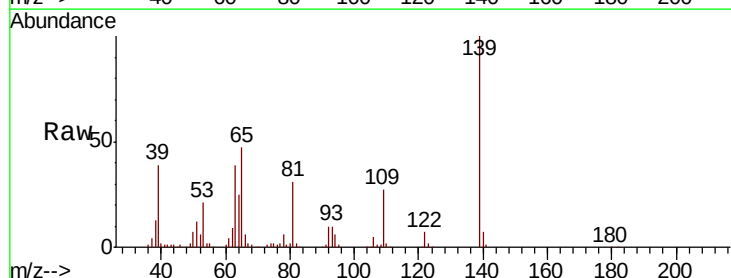


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

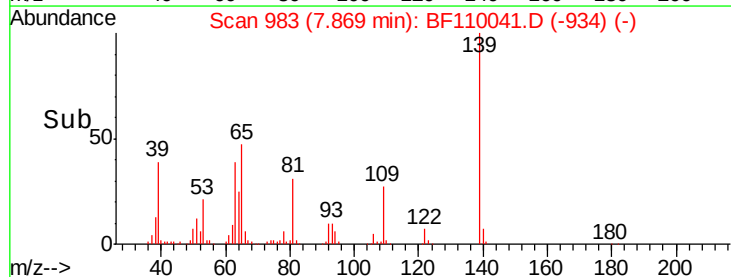
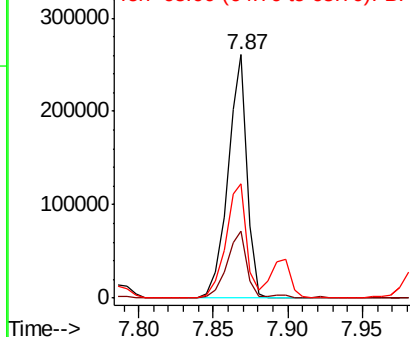


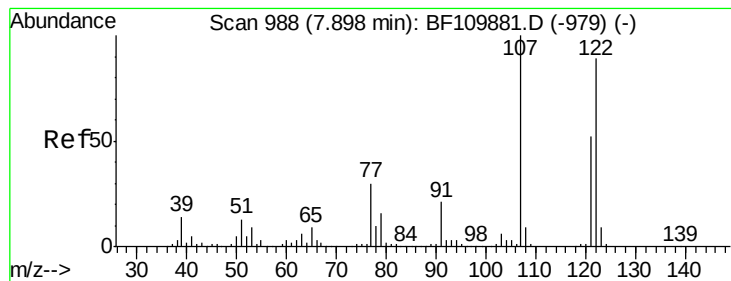
#26
2-Nitrophenol
Concen: 51.382 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion: 139 Resp: 235550
Ion Ratio Lower Upper
139 100
109 27.5 25.0 37.6
65 46.9 44.0 66.0



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





#27

2,4-Dimethylphenol

Concen: 46.078 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampleId :

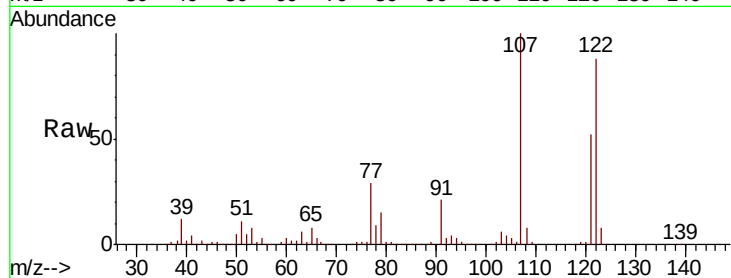
Tot Ion:122 Resp: 443853

Ion Ratio Lower Upper

122 100

107 113.1 92.5 138.7

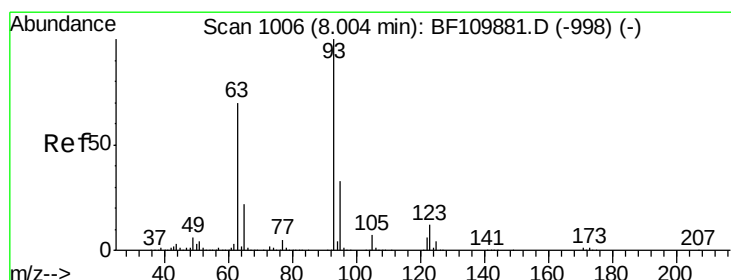
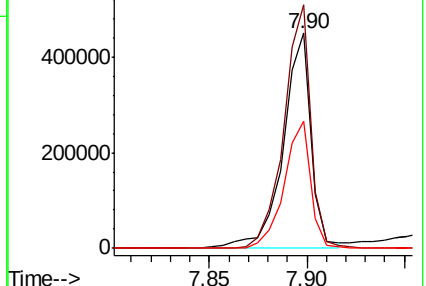
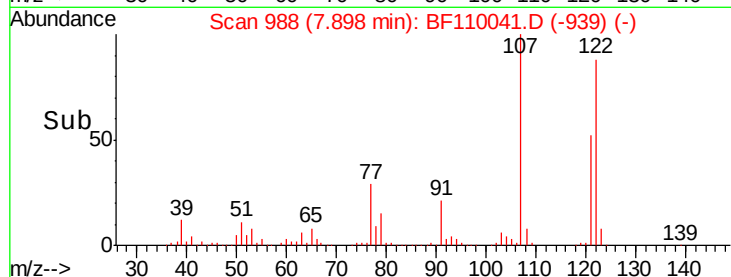
121 58.8 45.8 68.8



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: 41.339 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

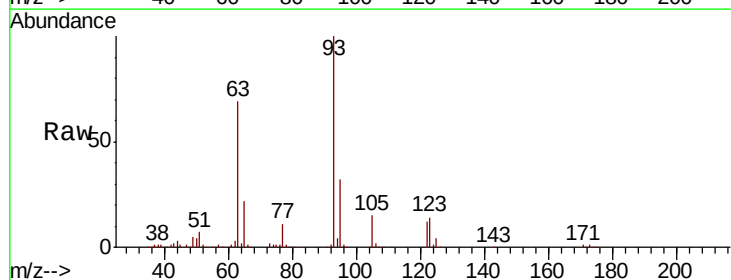
Tgt Ion: 93 Resp: 567368

Ion Ratio Lower Upper

93 100

95 32.4 26.4 39.6

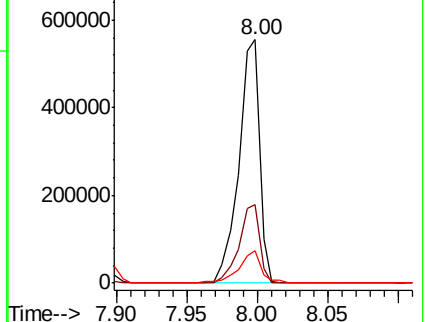
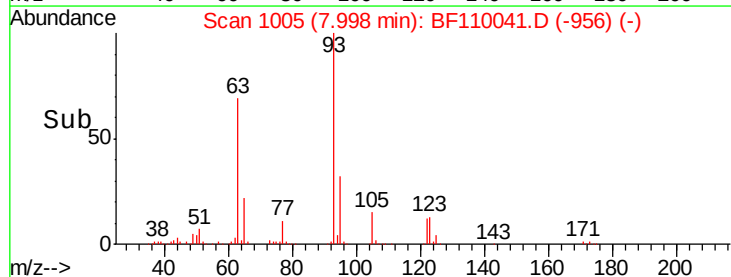
123 13.5 9.0 13.6

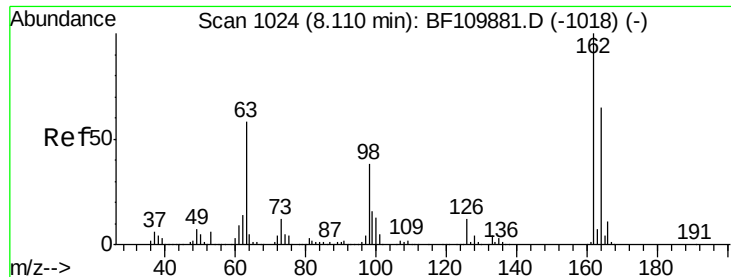


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

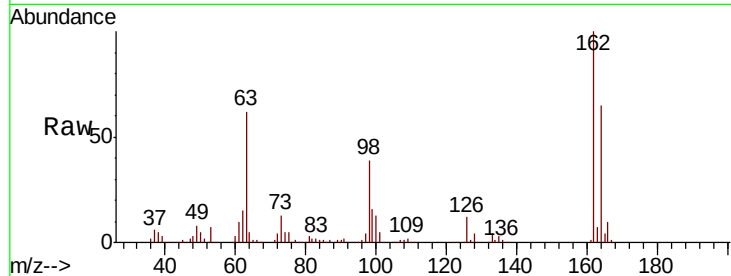




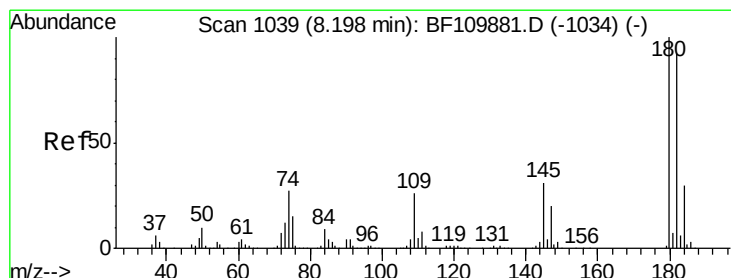
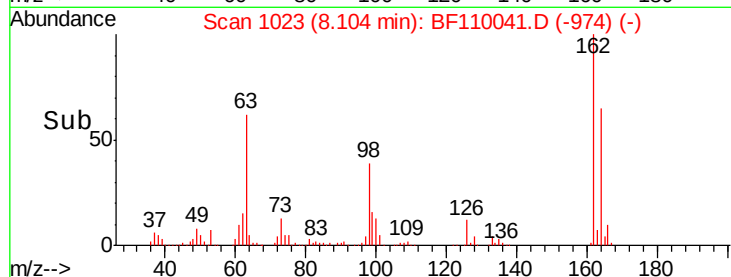
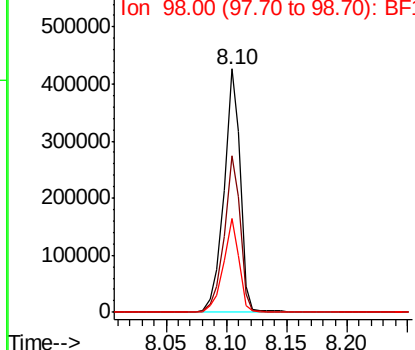
#29
 2,4-Dichlorophenol
 Concen: 42.563 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.6	84.6
98	38.6	17.4	57.4

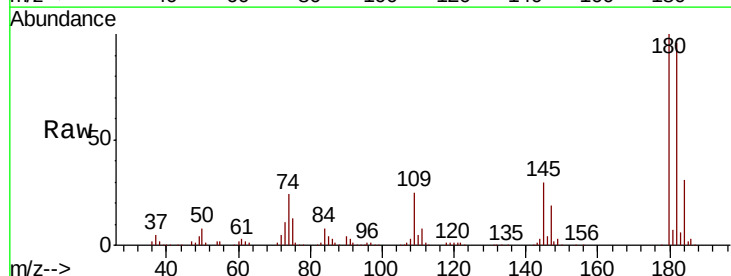


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

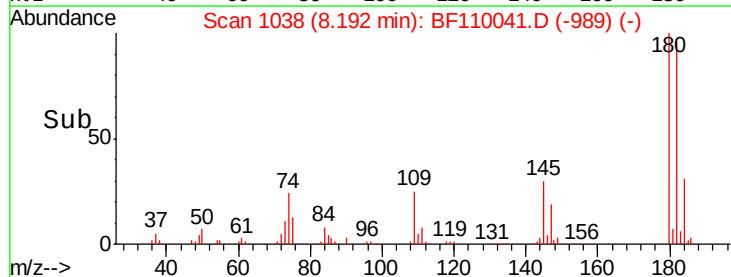
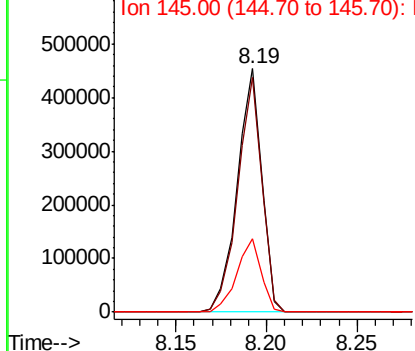


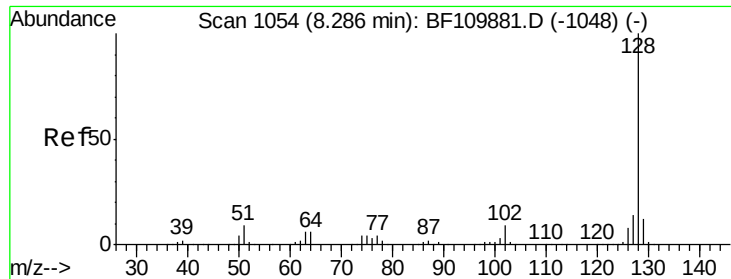
#30
 1,2,4-Trichlorobenzene
 Concen: 40.673 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	80.3	120.5
145	30.4	25.4	38.0



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

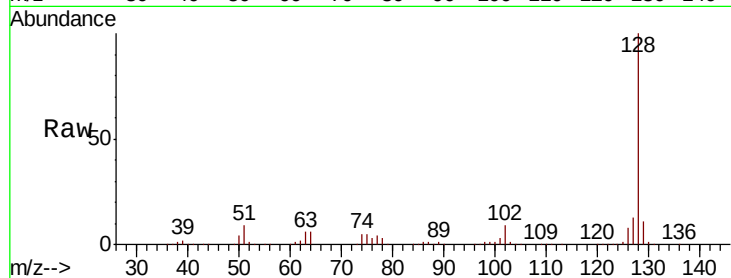




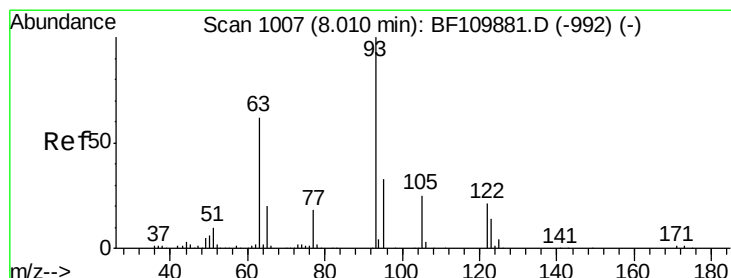
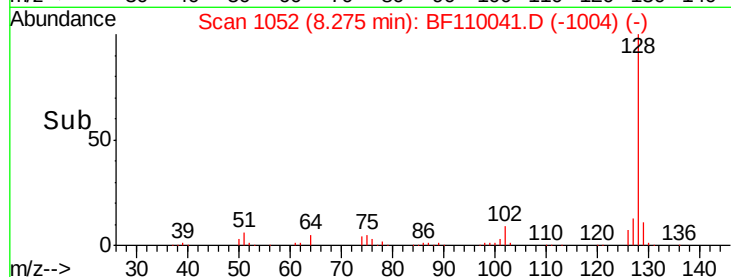
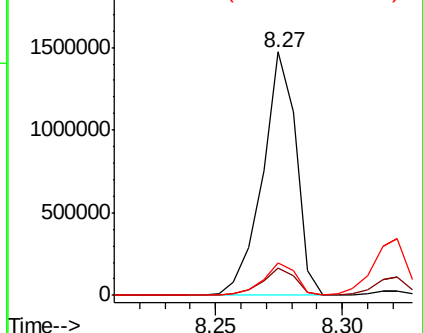
#31
Naphthalene
Concen: 43.479 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1366969
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.3 10.8 16.2

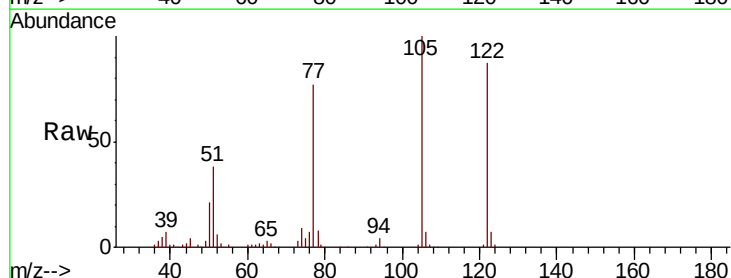


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

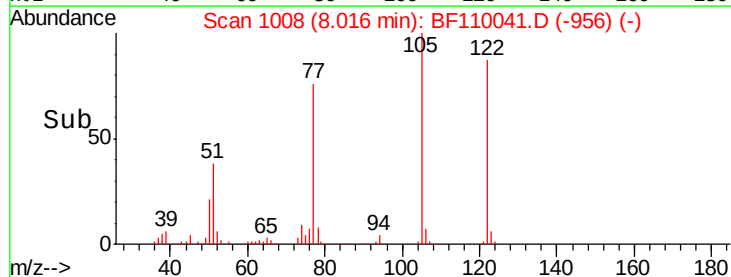
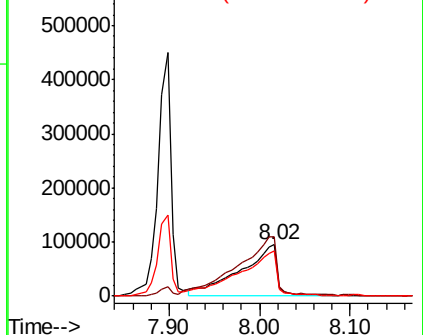


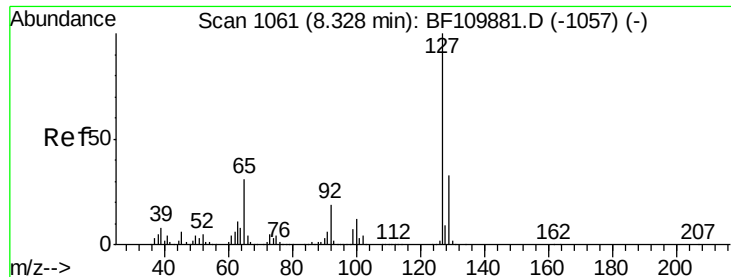
#32
Benzoic acid
Concen: 44.147 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:122 Resp: 264961
Ion Ratio Lower Upper
122 100
105 115.3 109.0 149.0
77 88.7 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

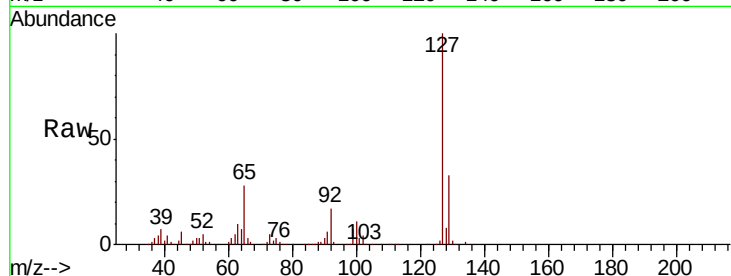




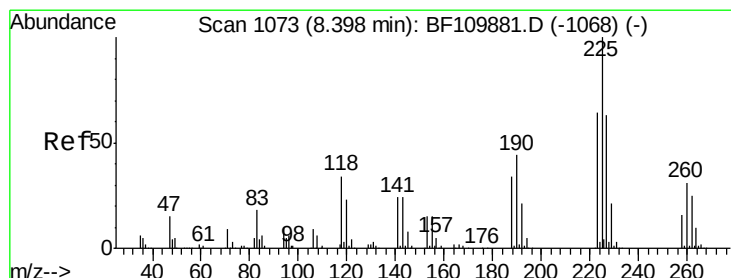
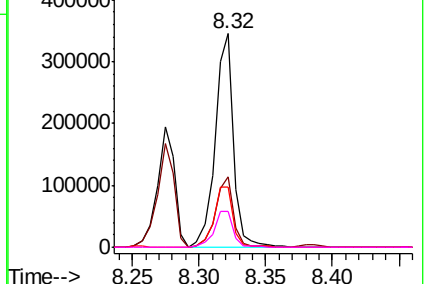
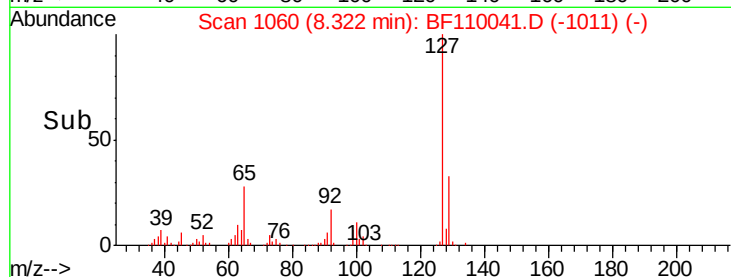
#33
4-Chloroaniline
Concen: 23.613 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	333724
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.0	39.0
65	28.2	25.1	37.7
92	17.1	15.0	22.6

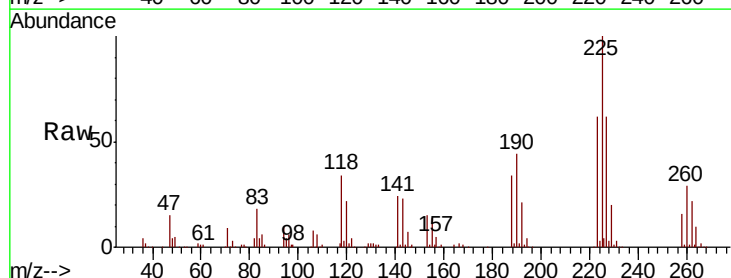


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

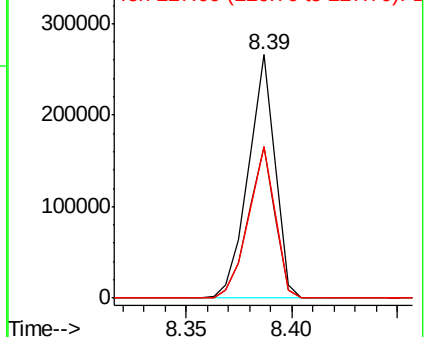
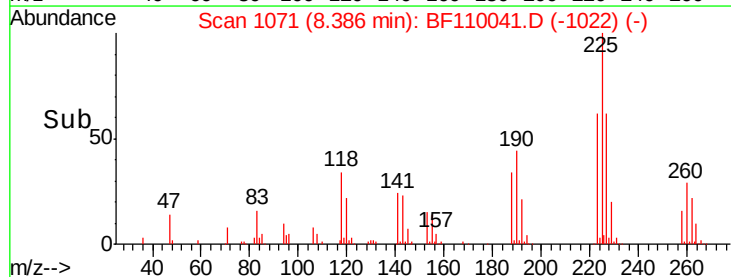


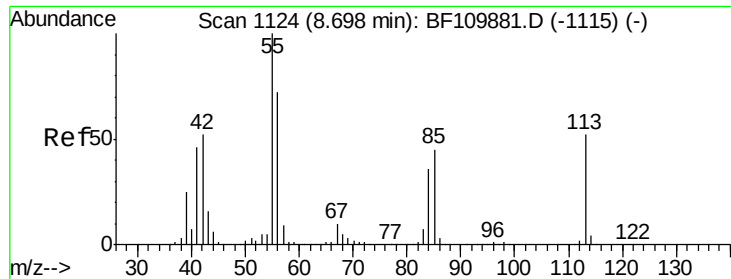
#34
Hexachlorobutadiene
Concen: 40.819 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:	225	Resp:	235505
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.4	77.2
227	62.4	51.0	76.6



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: 22.455 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.02 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampled :

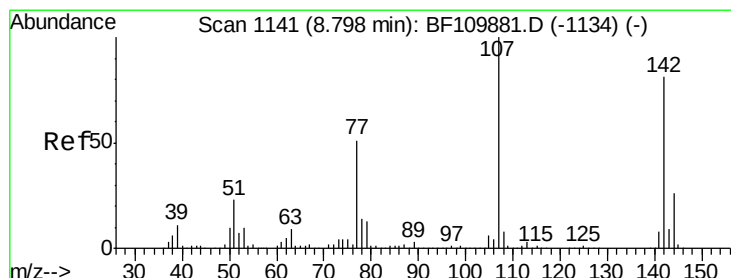
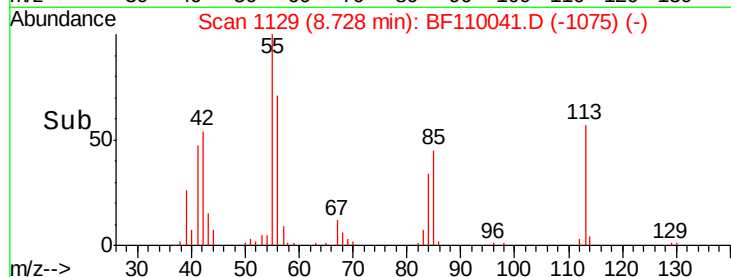
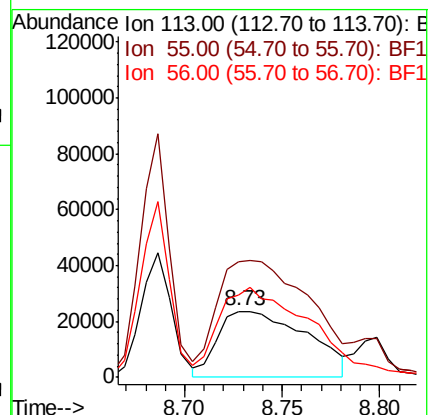
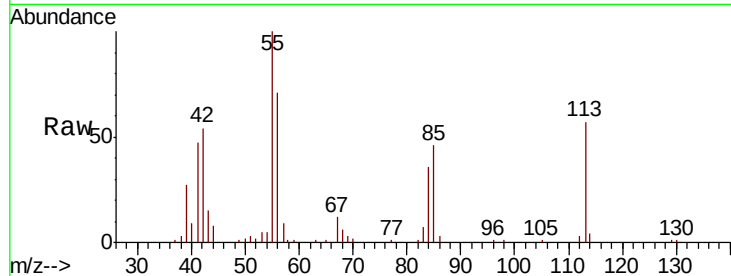
Tot Ion:113 Resp: 74521

Ion Ratio Lower Upper

113 100

55 175.6 142.8 182.8

56 124.9 105.0 145.0



#36

4-Chloro-3-methylphenol

Concen: 43.382 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

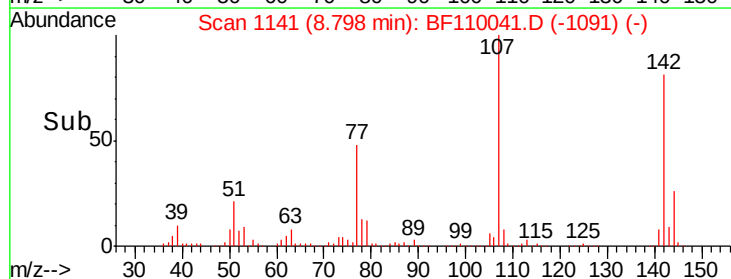
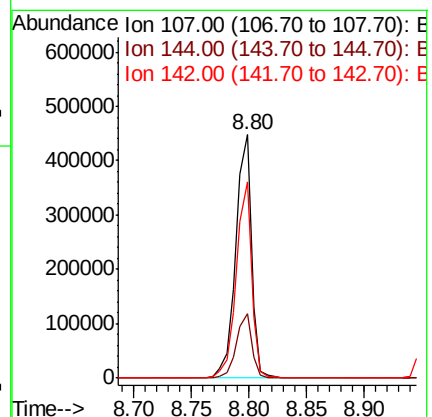
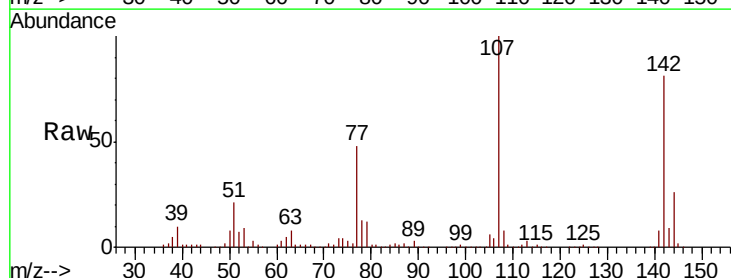
Tgt Ion:107 Resp: 427651

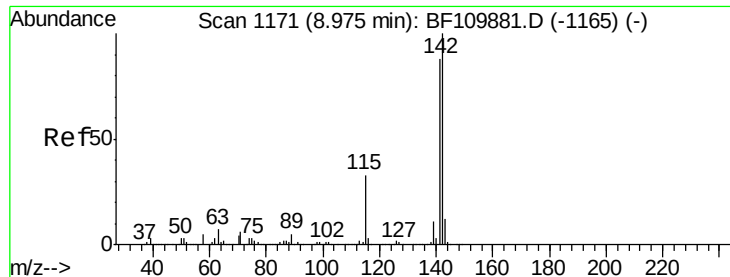
Ion Ratio Lower Upper

107 100

144 26.3 20.0 30.0

142 80.7 59.7 89.5

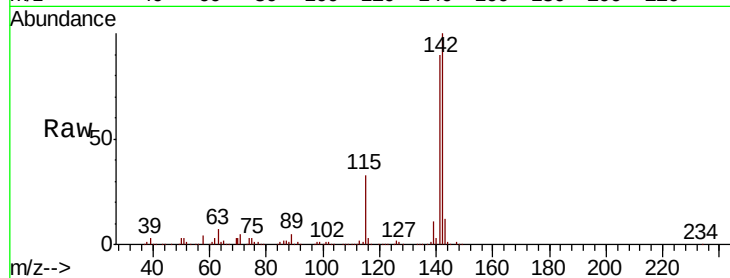




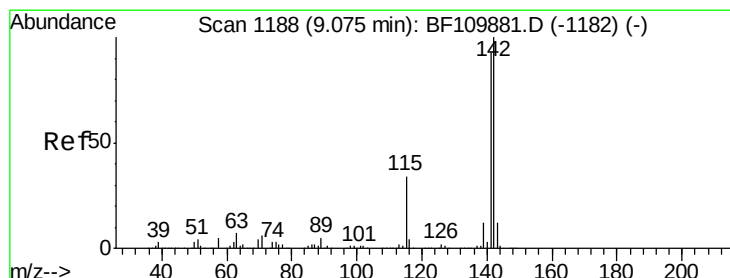
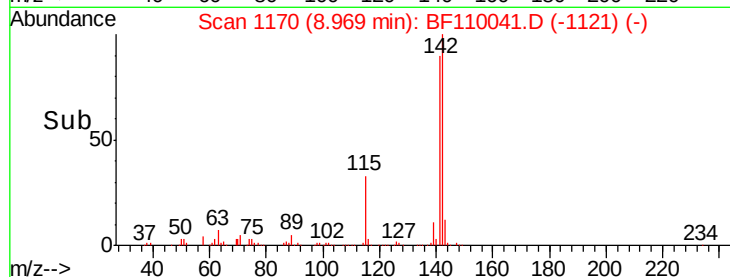
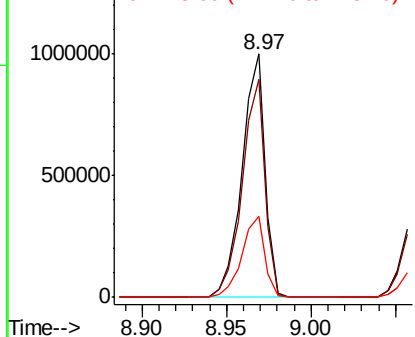
#37
2-Methylnaphthalene
Concen: 46.544 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2
115	33.3	28.7	43.1

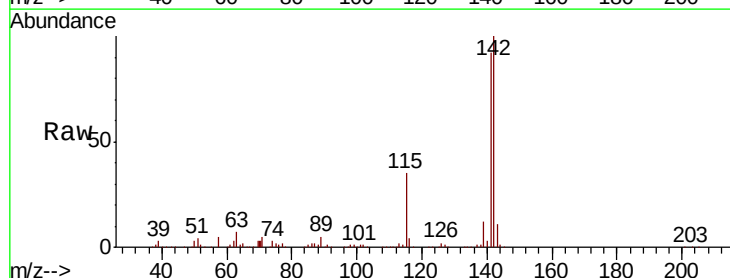


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

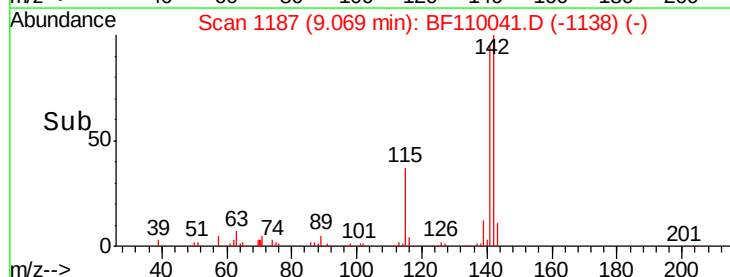
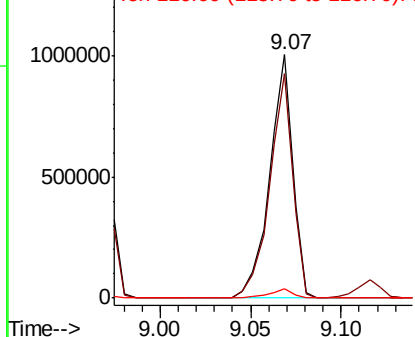


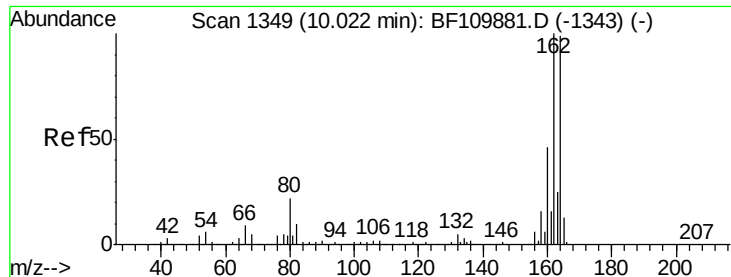
#38
1-Methylnaphthalene
Concen: 44.928 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4
116	3.6	2.6	4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampled :

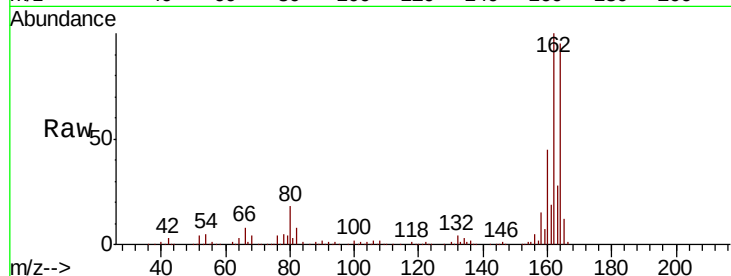
Tot Ion:164 Resp: 330810

Ion Ratio Lower Upper

164 100

162 105.4 83.0 124.6

160 47.6 37.0 55.6

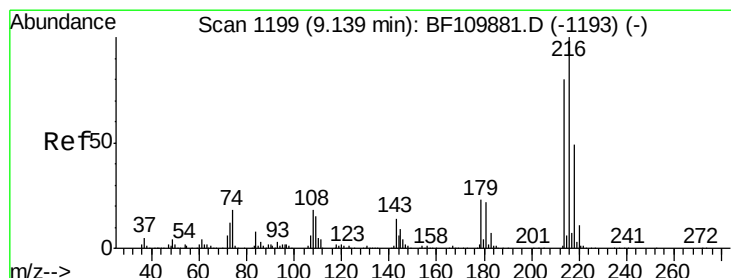
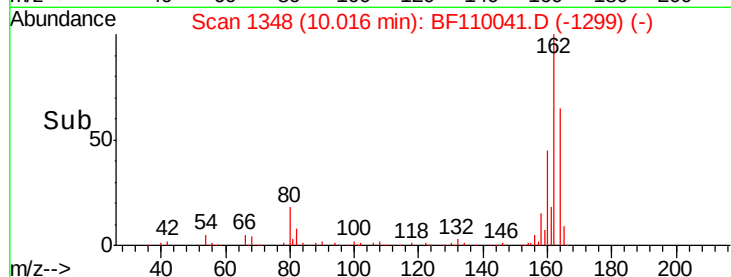
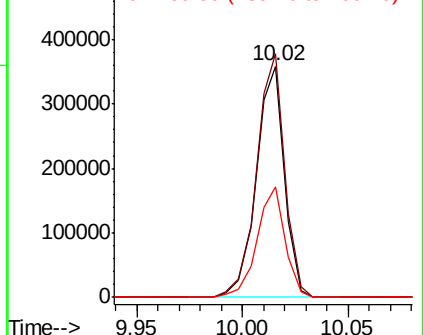


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.800 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Tgt Ion:216 Resp: 395343

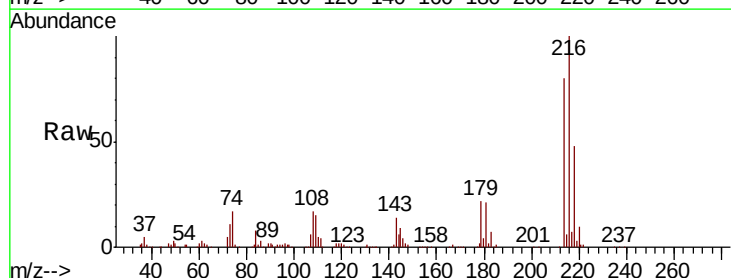
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.6

179 22.8 16.6 25.0

108 22.4 15.1 22.7



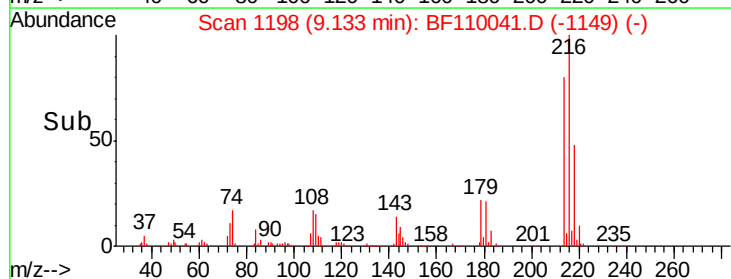
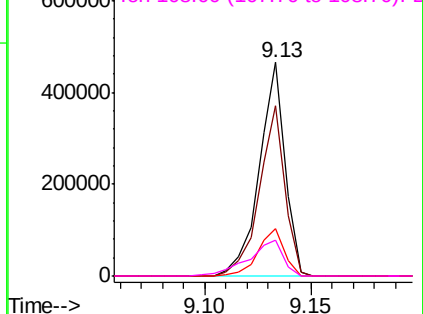
Abundance

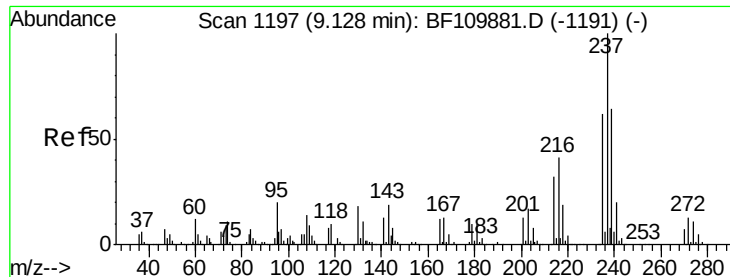
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 103.049 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampleId :

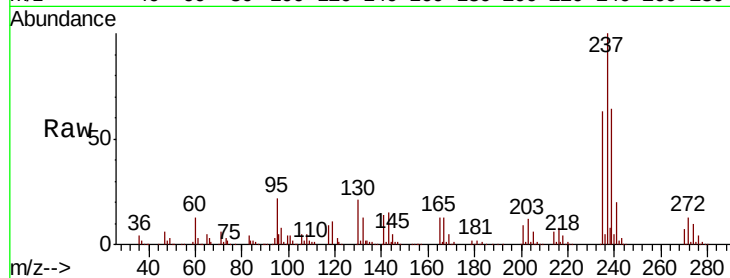
Tot Ion:237 Resp: 506789

Ion Ratio Lower Upper

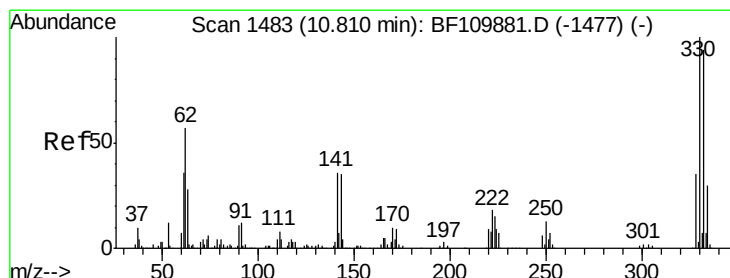
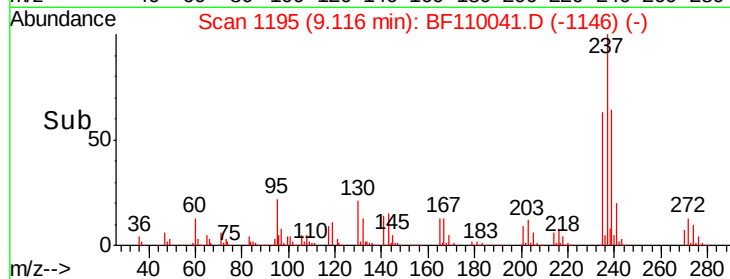
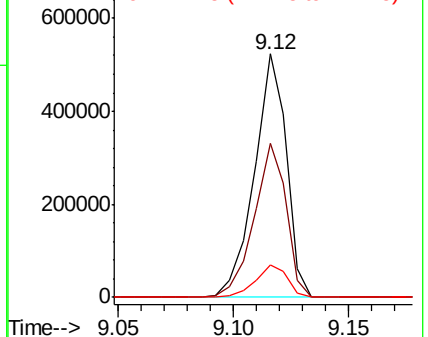
237 100

235 63.3 43.1 83.1

272 13.3 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 149.324 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

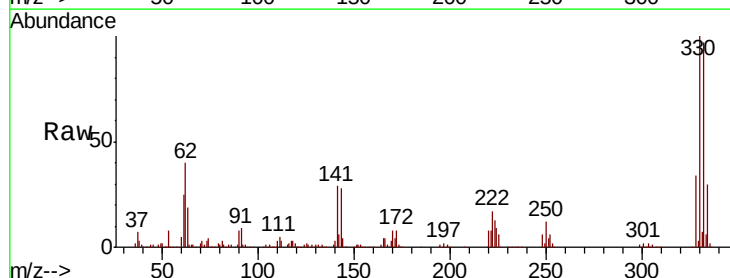
Tgt Ion:330 Resp: 427675

Ion Ratio Lower Upper

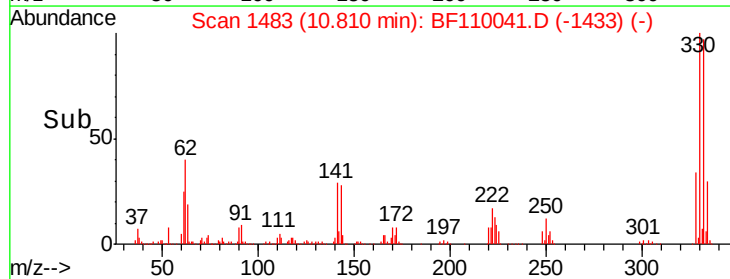
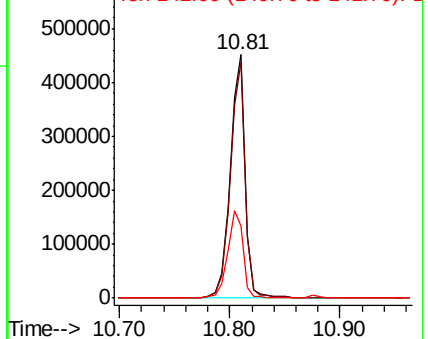
330 100

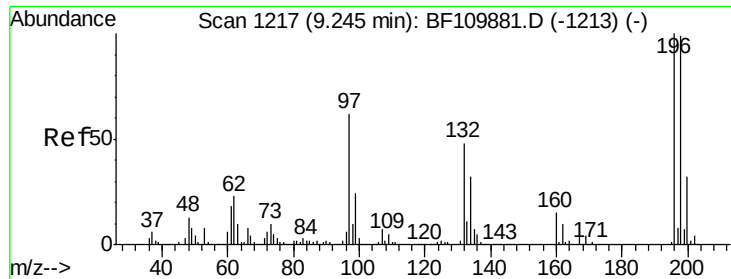
332 96.1 77.1 115.7

141 37.2 27.0 40.4



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

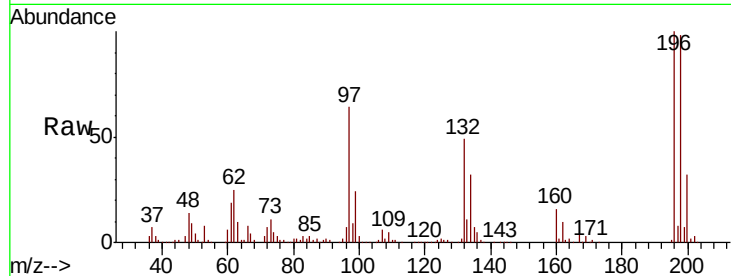




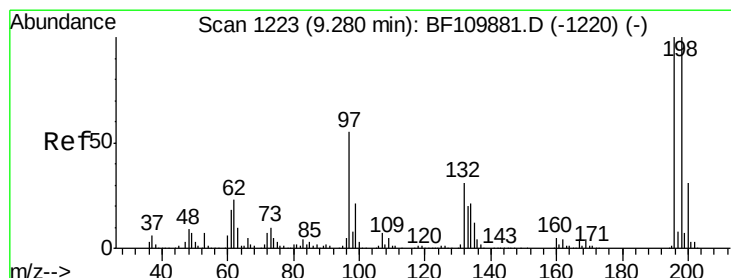
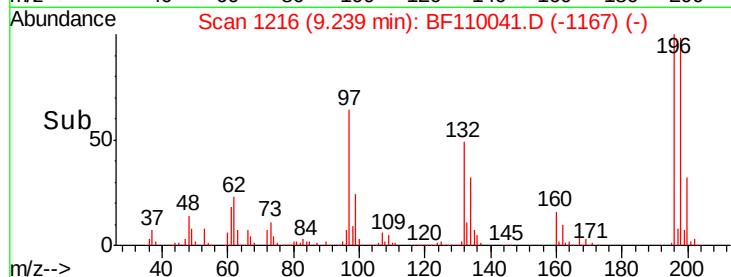
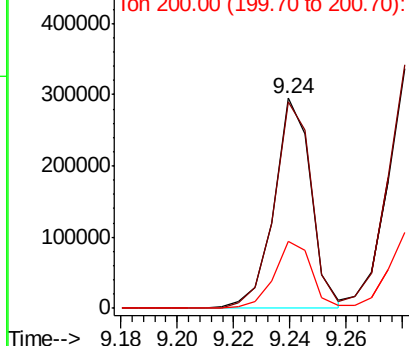
#43
 2,4,6-Trichlorophenol
 Concen: 41.964 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 267364
 Ion Ratio Lower Upper
 196 100
 198 98.3 76.2 114.4
 200 32.0 24.4 36.6

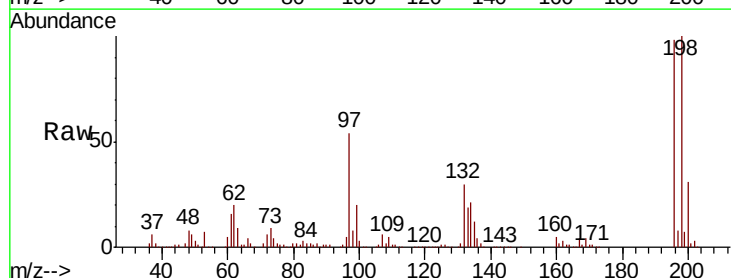


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

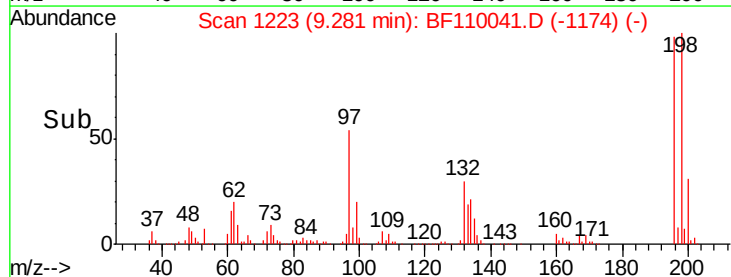
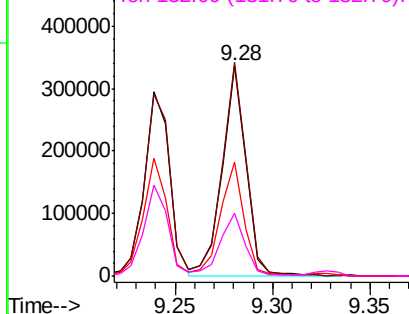


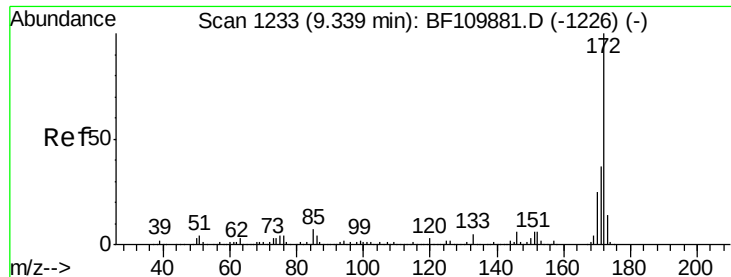
#44
 2,4,5-Trichlorophenol
 Concen: 42.945 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Tgt Ion:196 Resp: 283978
 Ion Ratio Lower Upper
 196 100
 198 101.7 75.8 113.6
 97 54.5 42.4 63.6
 132 30.1 22.8 34.2



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



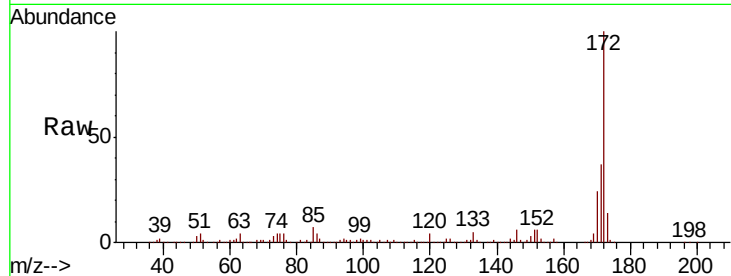


#45
 2-Fluorobiphenyl
 Concen: 79.703 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

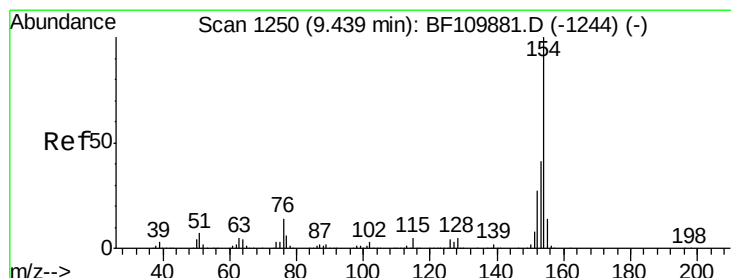
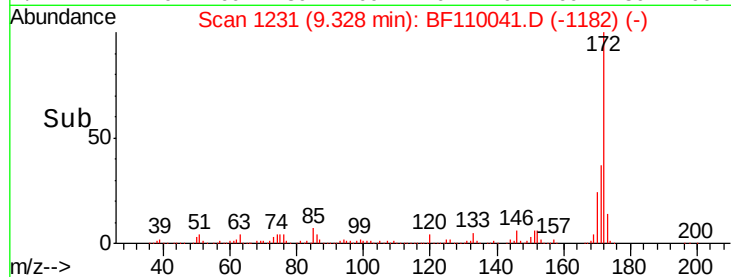
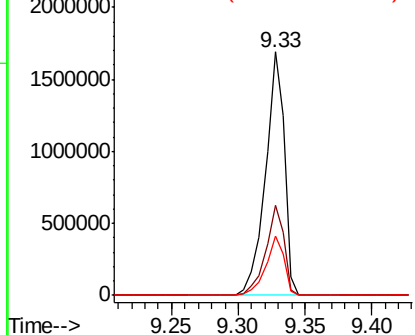
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1652402

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	43.0
170	24.3	19.7	29.5



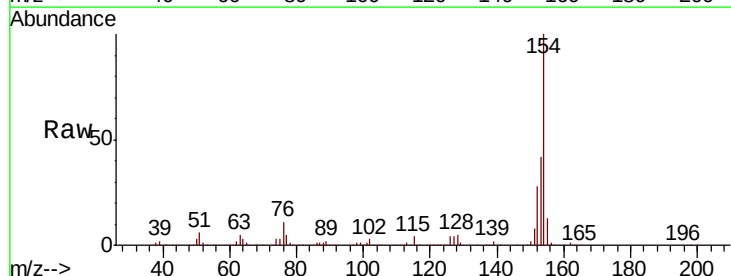
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



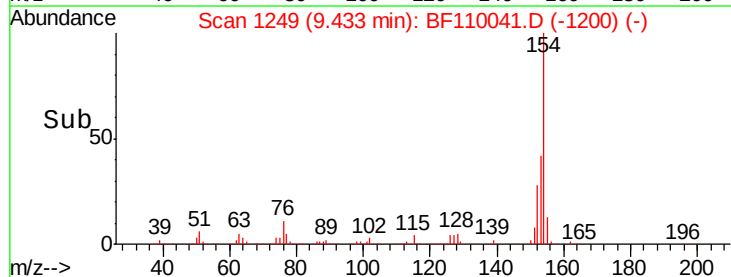
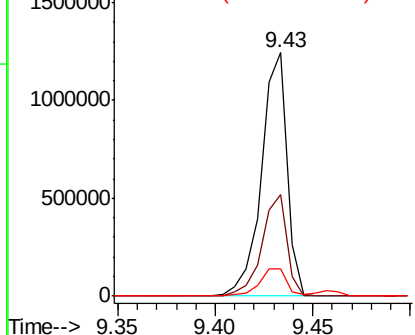
#46
 1,1'-Biphenyl
 Concen: 38.337 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

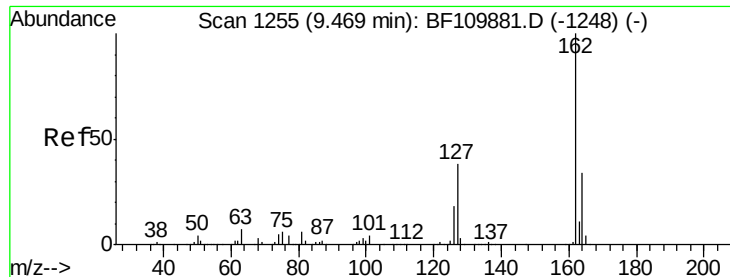
Tgt Ion:154 Resp: 1129925

Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.4	60.4
76	11.0	0.0	31.9



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

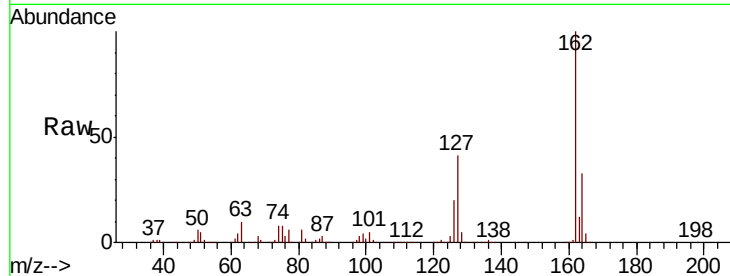




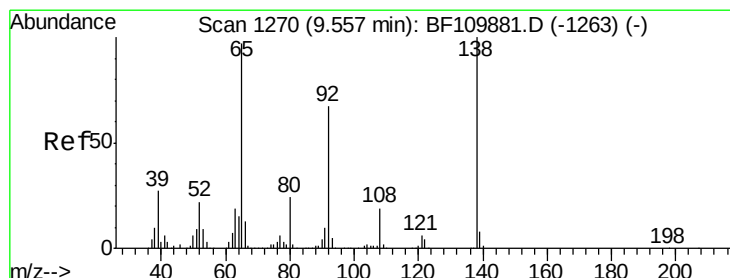
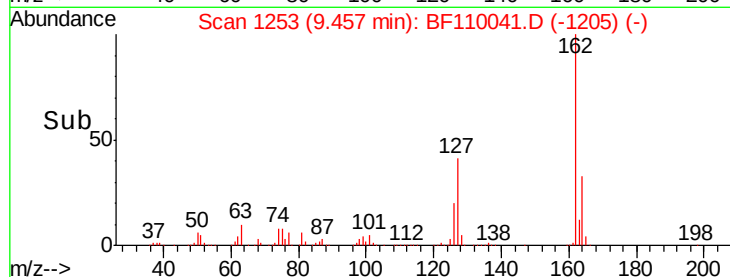
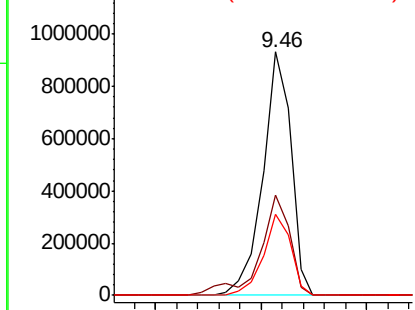
#47
 2-Chloronaphthalene
 Concen: 39.956 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.6	48.8
164	33.1	25.9	38.9

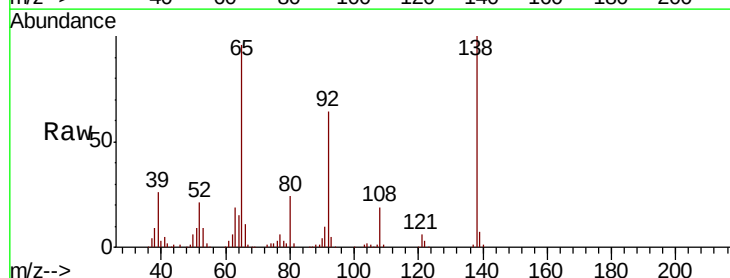


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

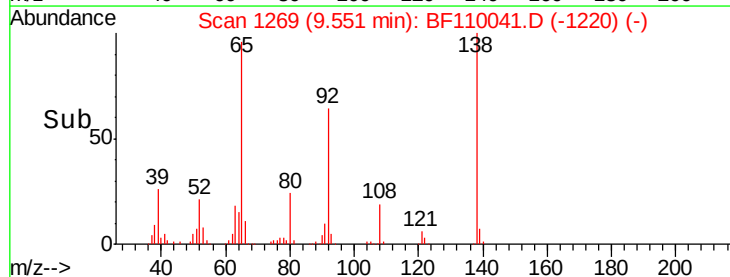
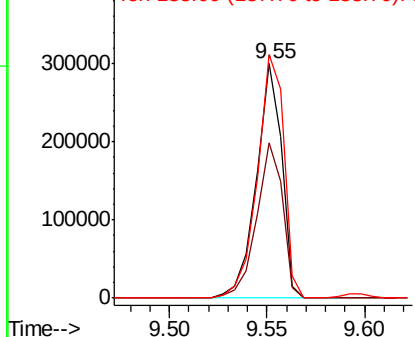


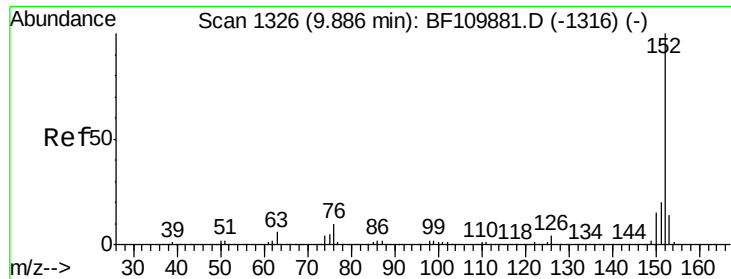
#48
 2-Nitroaniline
 Concen: 48.535 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	54.6	81.8
138	104.0	80.3	120.5



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





#49

Acenaphthylene

Concen: 42.953 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampleId :

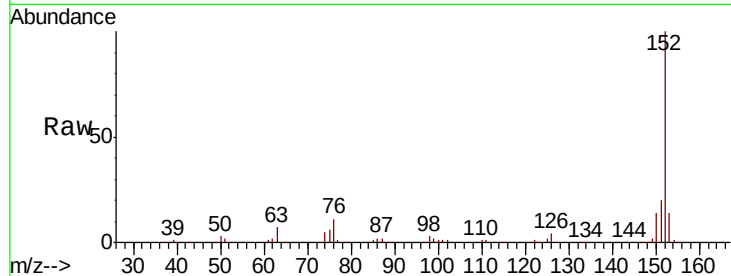
Tot Ion:152 Resp: 1354723

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

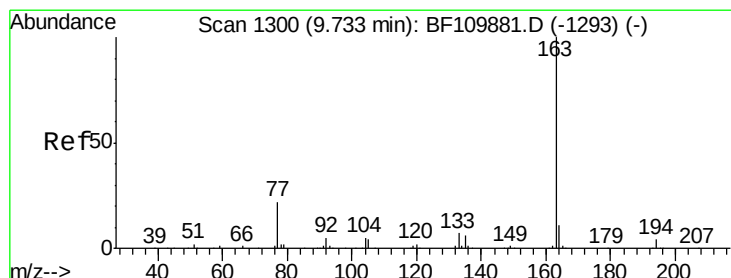
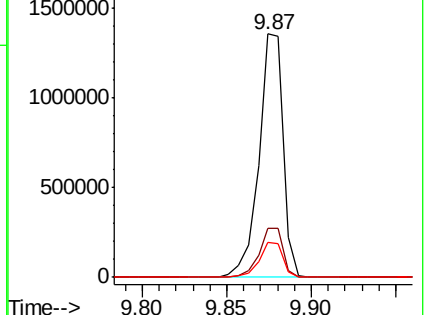
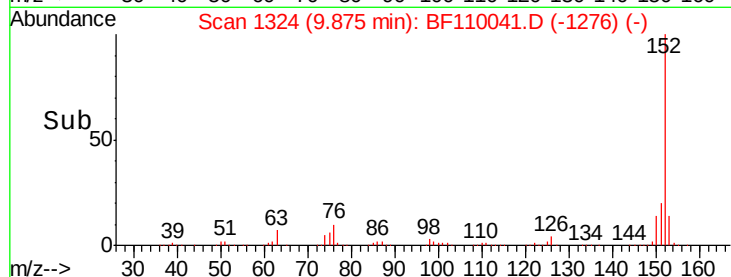
153 14.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.222 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

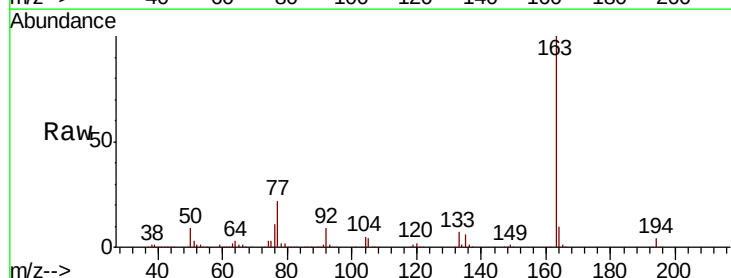
Tgt Ion:163 Resp: 989020

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

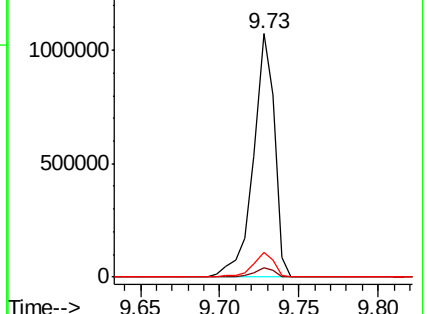
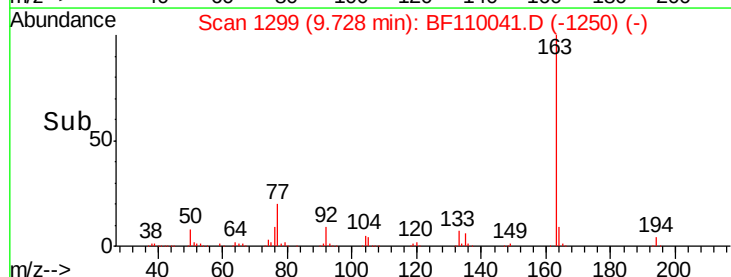
164 10.4 8.1 12.1

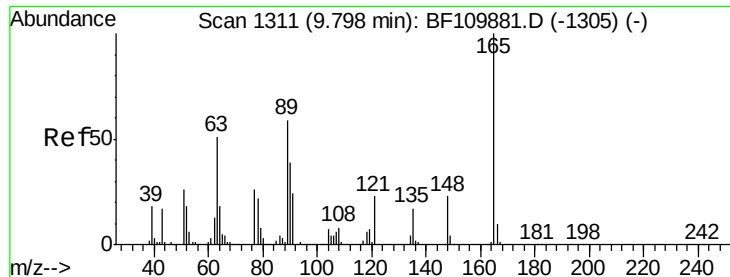


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.969 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampleId :

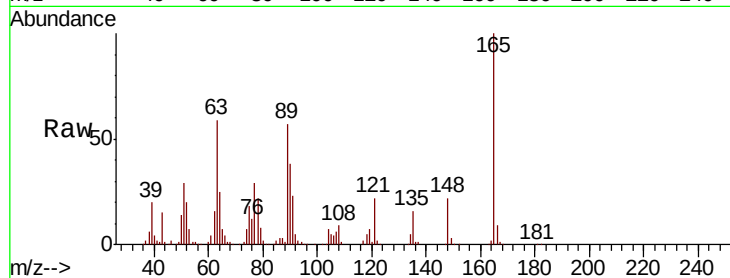
Tot Ion:165 Resp: 222317

Ion Ratio Lower Upper

165 100

63 58.7 48.9 73.3

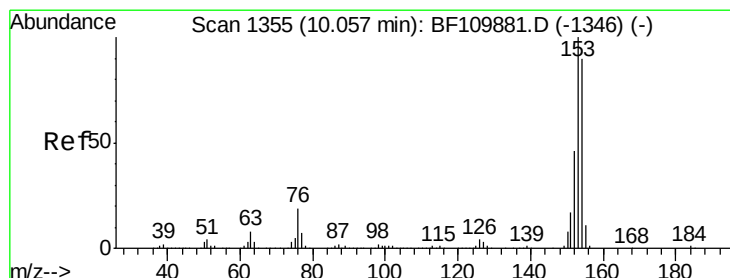
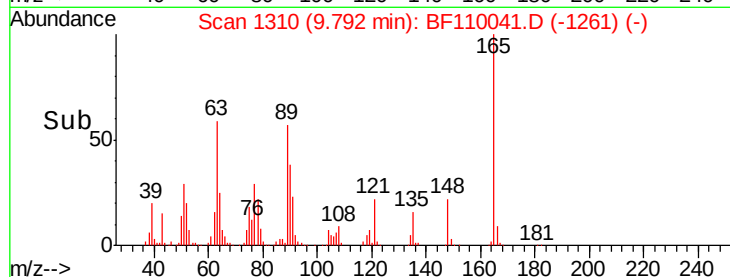
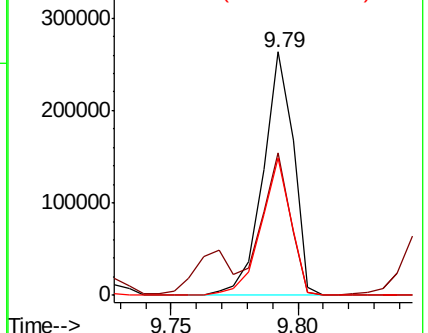
89 56.5 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 46.263 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

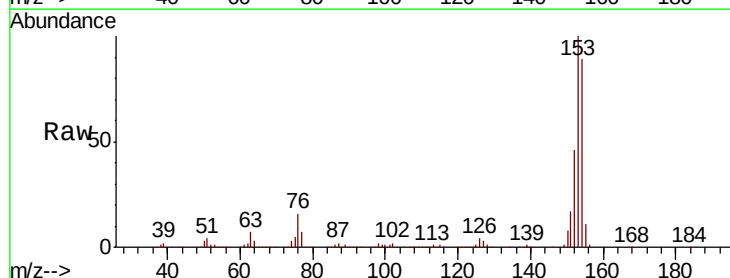
Tgt Ion:154 Resp: 928950

Ion Ratio Lower Upper

154 100

153 112.3 90.1 135.1

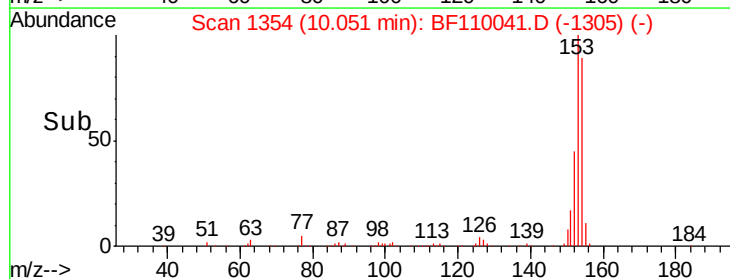
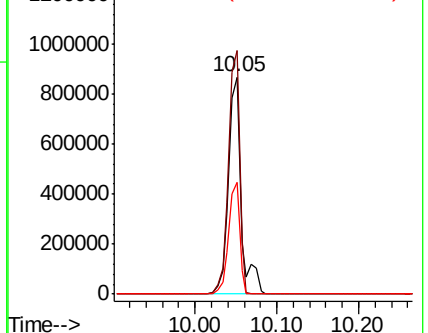
152 51.4 43.4 65.2

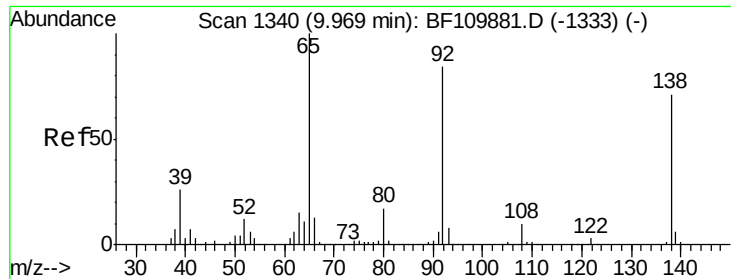


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

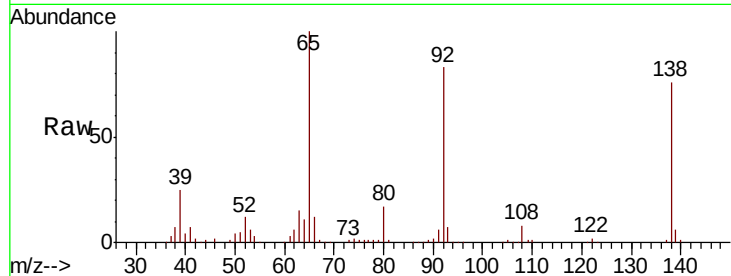




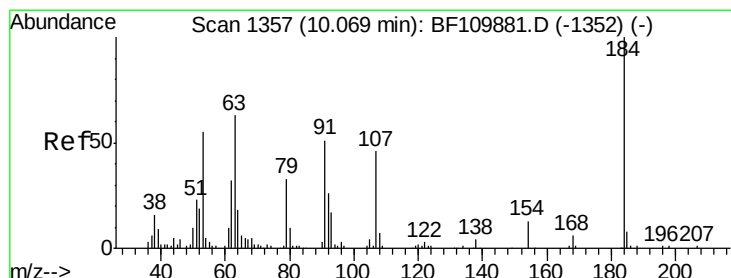
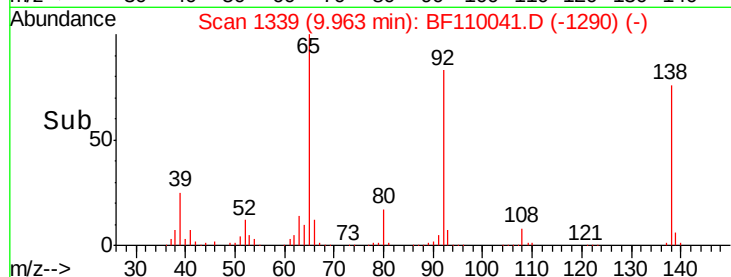
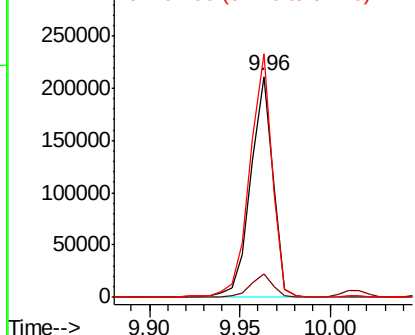
#53
 3-Nitroaniline
 Concen: 33.470 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 181143
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.7 13.1
 92 110.2 97.0 145.4

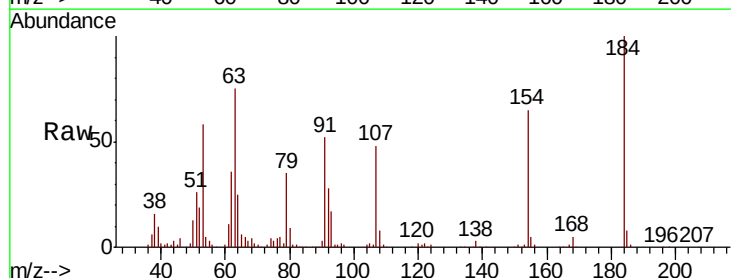


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

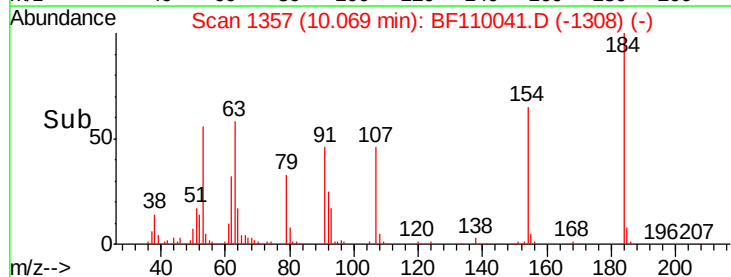
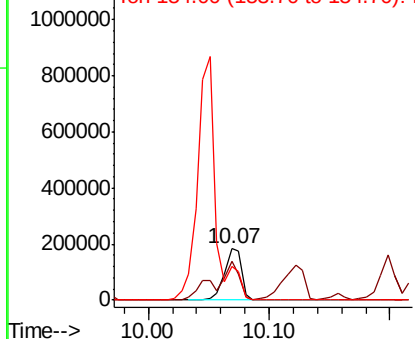


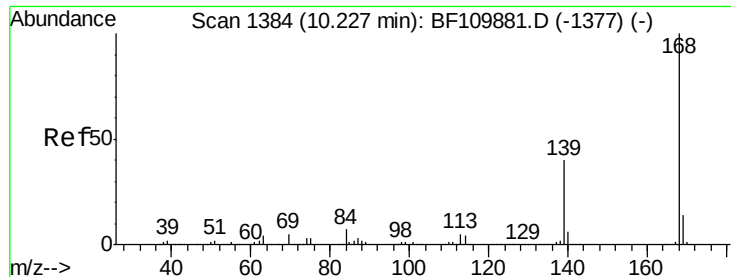
#54
 2,4-Dinitrophenol
 Concen: 120.941 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Tgt Ion:184 Resp: 178684
 Ion Ratio Lower Upper
 184 100
 63 74.5 55.8 83.6
 154 65.3 63.2 94.8



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





#55

Dibenzofuran

Concen: 41.603 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampleId :

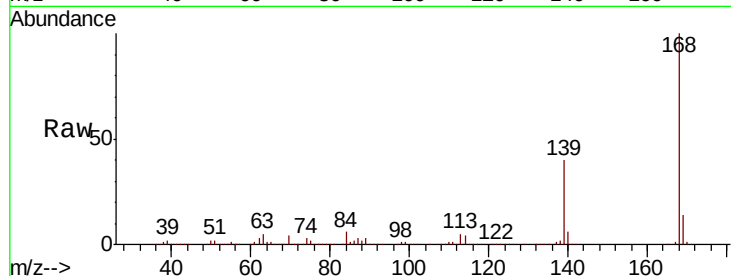
Tot Ion:168 Resp: 1191344

Ion Ratio Lower Upper

168 100

139 39.7 33.0 49.6

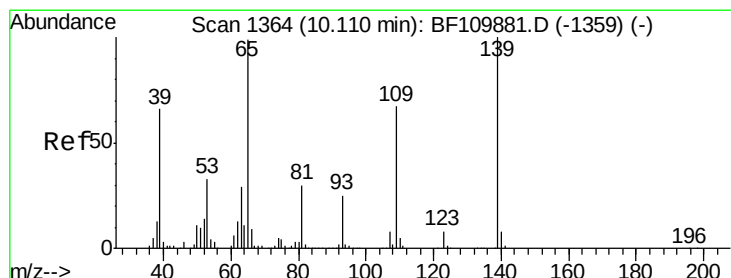
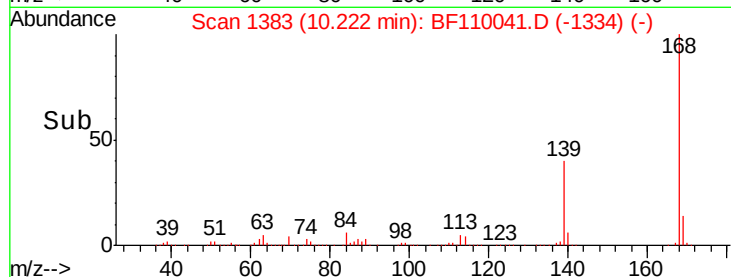
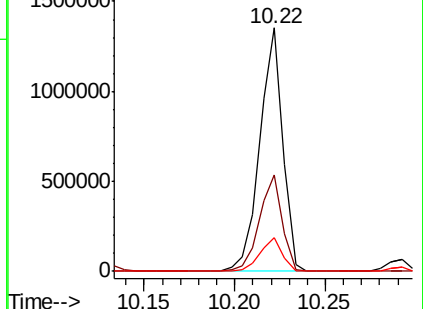
169 13.7 11.3 16.9



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



#56

4-Nitrophenol

Concen: 130.332 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

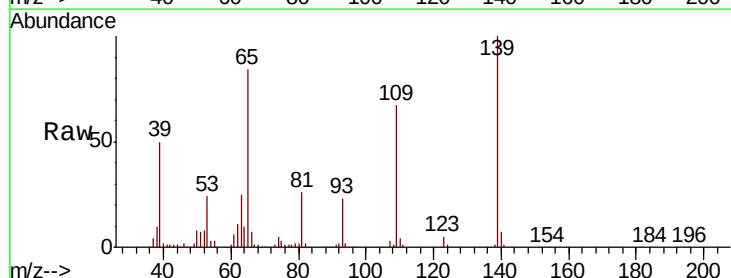
Tgt Ion:139 Resp: 538210

Ion Ratio Lower Upper

139 100

109 66.7 55.8 95.8

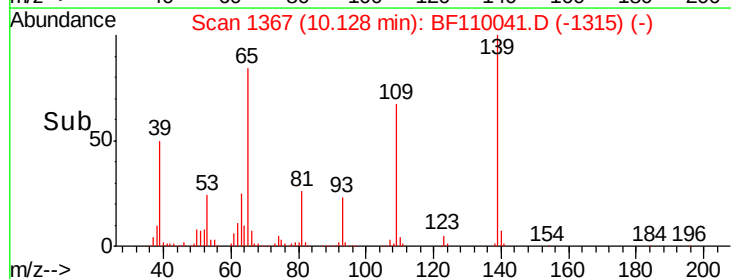
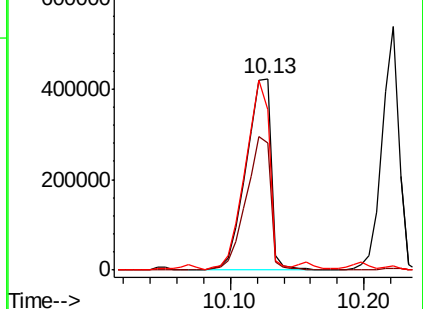
65 84.2 77.9 117.9

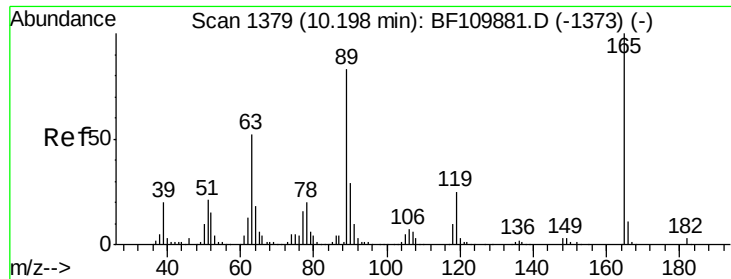


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 53.041 ng

RT: 10.20 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 301083

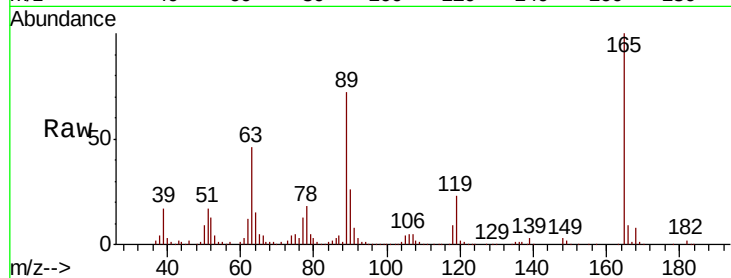
Ion Ratio Lower Upper

165 100

63 46.4 44.8 67.2

89 72.0 62.2 93.4

182 2.4 2.1 3.1

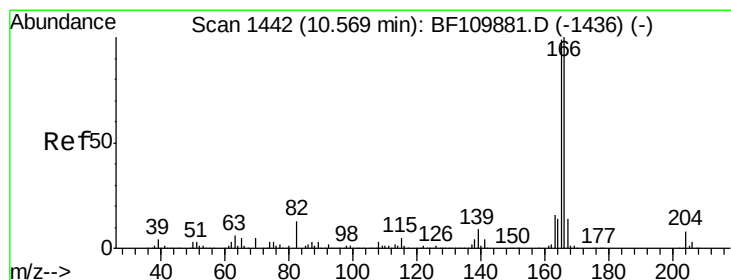
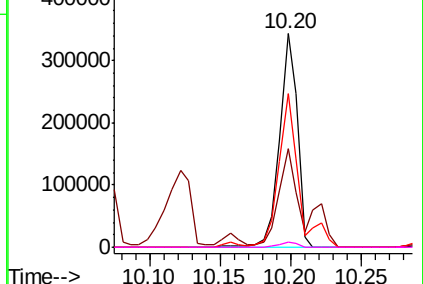
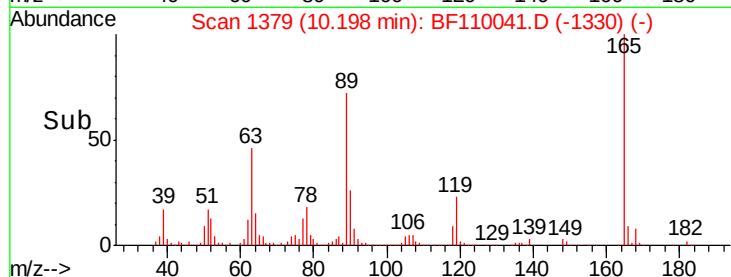


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.938 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

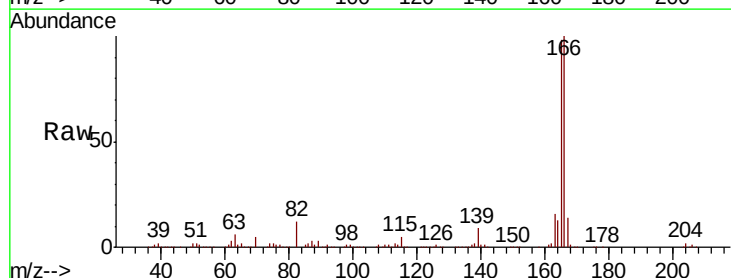
Tgt Ion:166 Resp: 936771

Ion Ratio Lower Upper

166 100

165 98.0 78.6 117.8

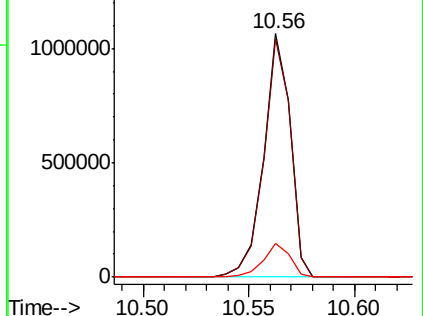
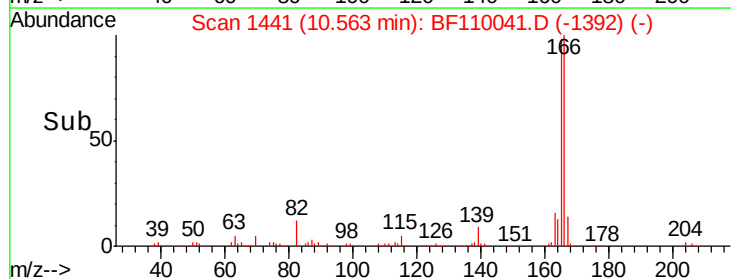
167 13.8 10.8 16.2

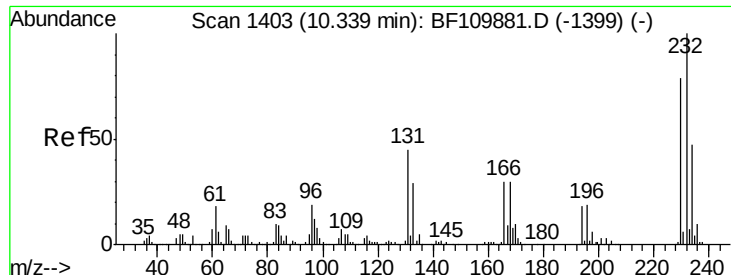


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

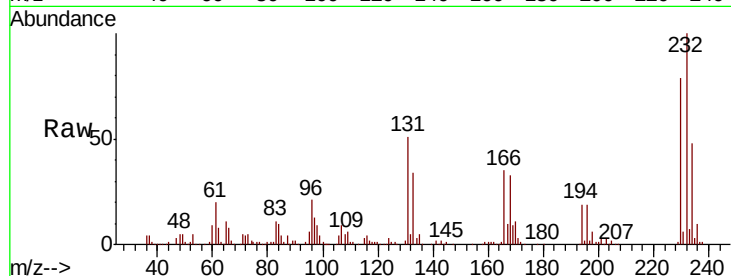




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.911 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.7	37.0	55.4
130	2.3	1.8	2.6
166	32.6	22.0	33.0



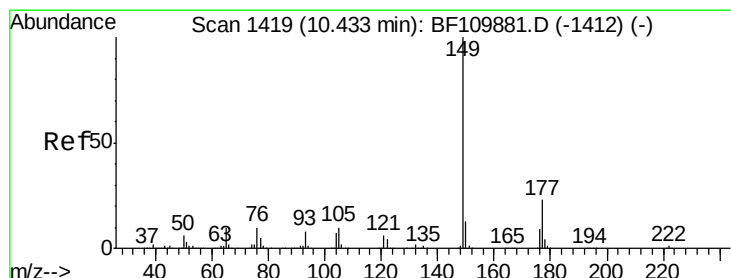
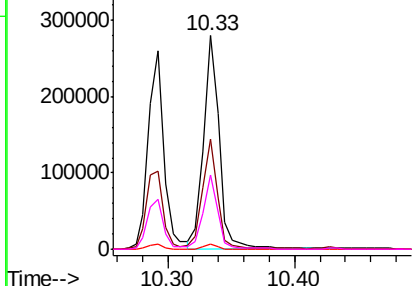
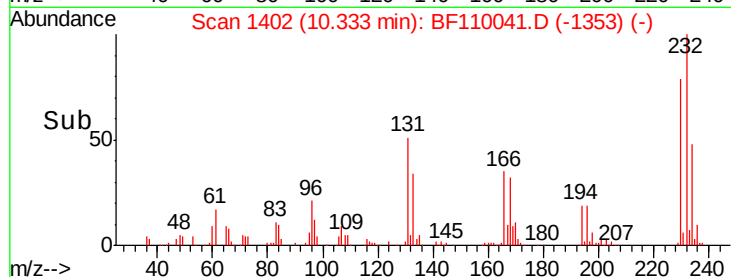
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

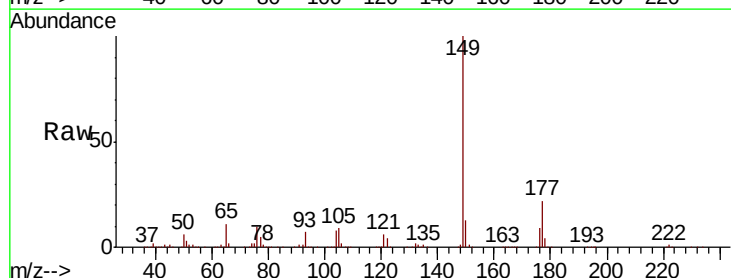
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.819 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.4	26.2
150	12.7	9.8	14.8

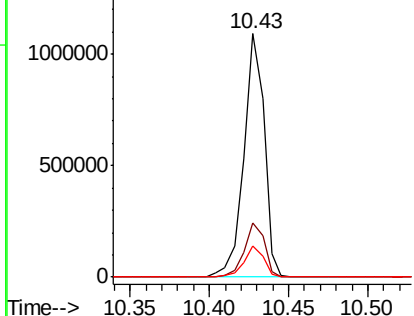
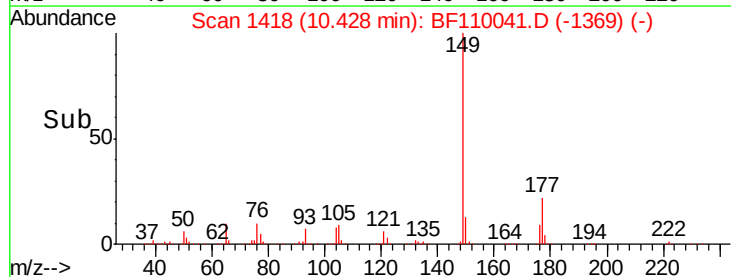


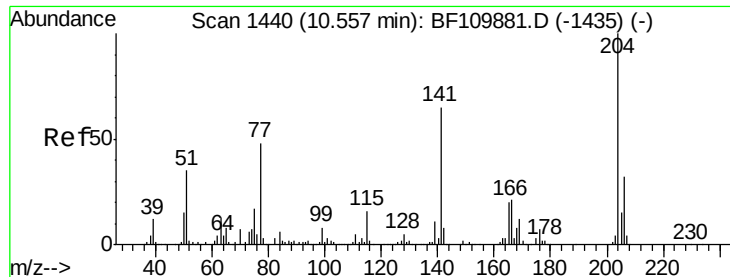
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

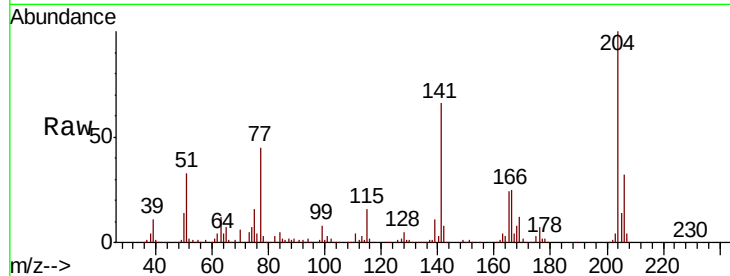




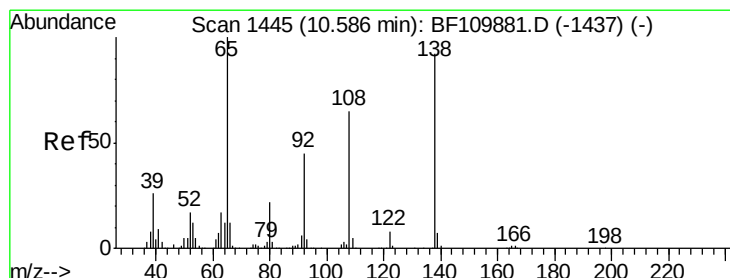
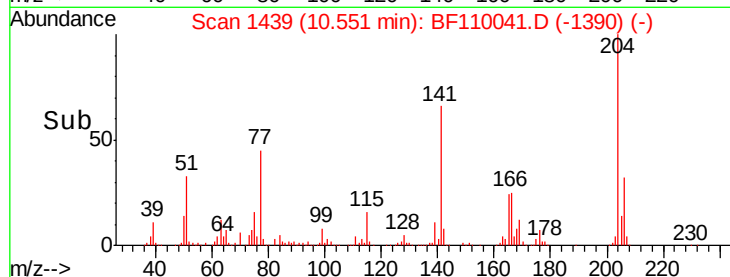
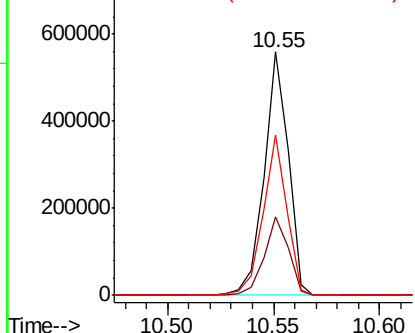
#61
4-Chlorophenyl-phenylether
Concen: 40.839 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 443462
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 66.0 51.8 77.8

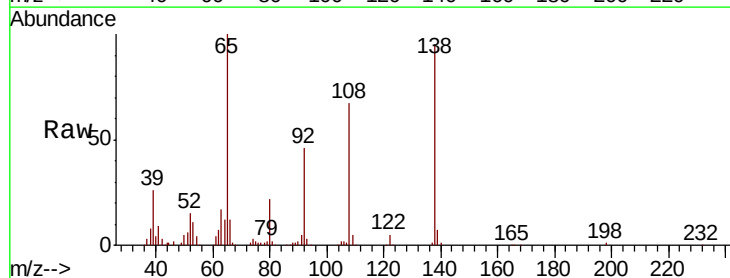


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

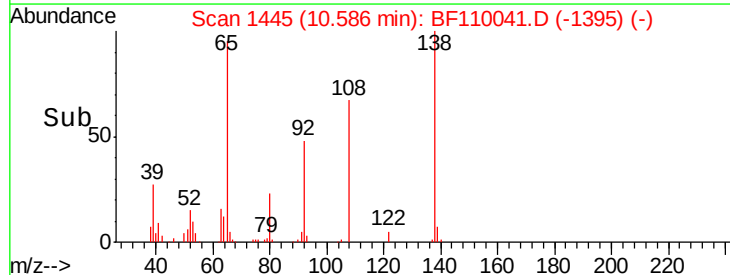
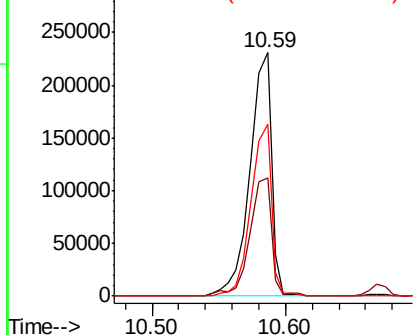


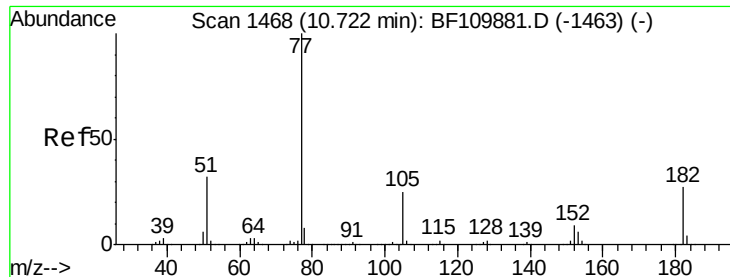
#62
4-Nitroaniline
Concen: 50.071 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:138 Resp: 256517
Ion Ratio Lower Upper
138 100
92 48.4 31.7 71.7
108 70.6 59.3 99.3



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





#63

Azobenzene

Concen: 40.358 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 975436

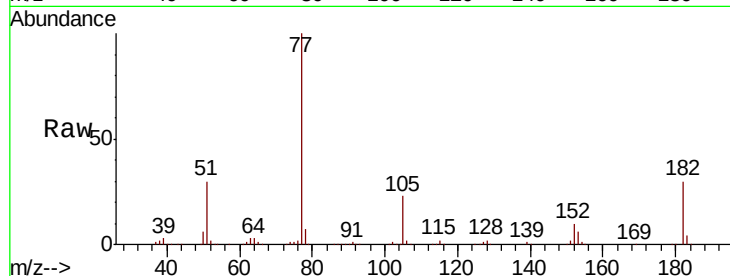
Ion Ratio Lower Upper

77 100

182 29.6 4.3 44.3

105 23.1 1.3 41.3

51 30.4 9.0 49.0

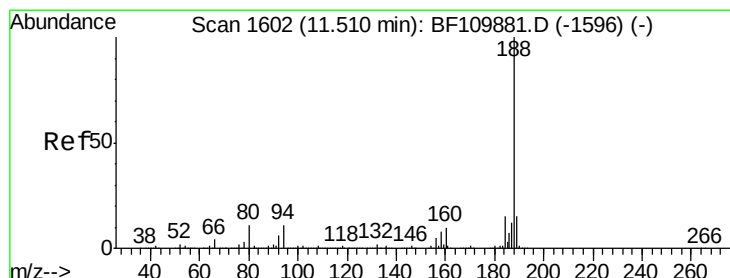
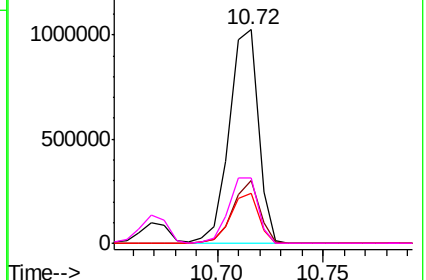
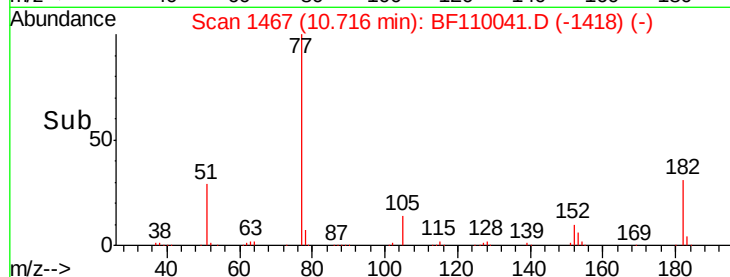


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

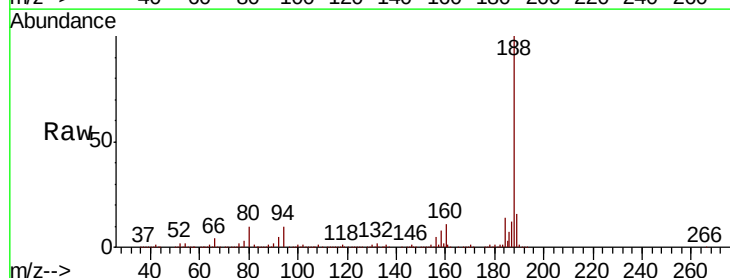
Tgt Ion: 188 Resp: 642839

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

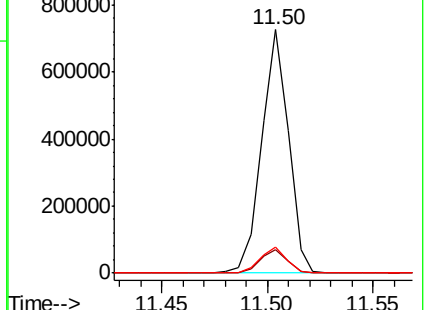
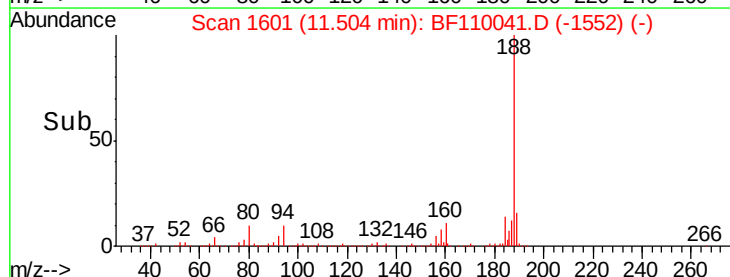
80 10.5 7.9 11.9

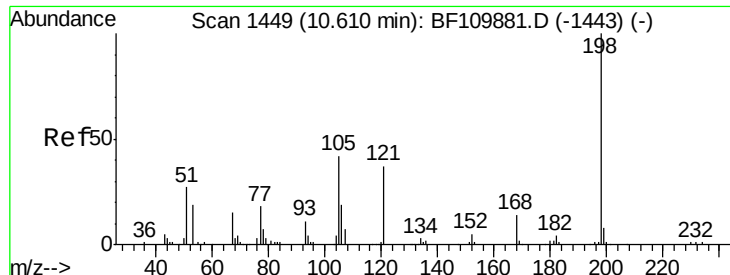


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 49.313 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

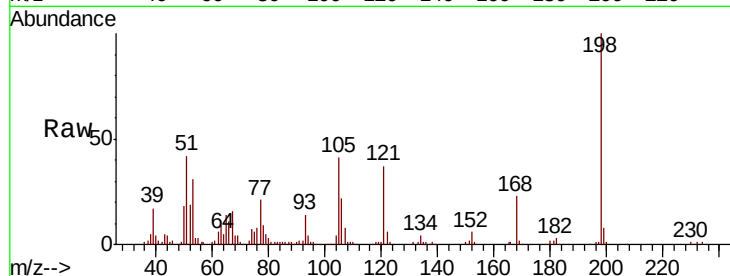
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 115446

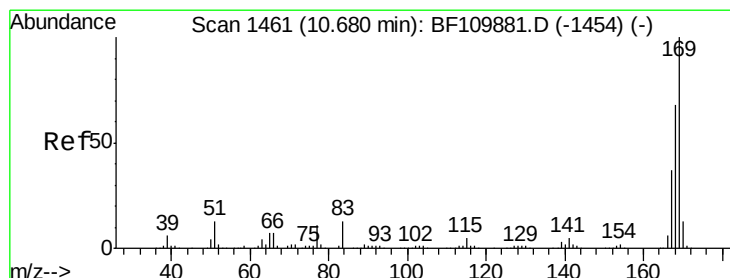
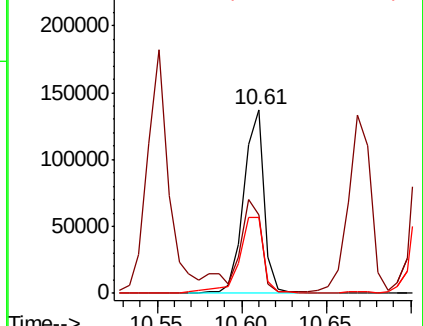
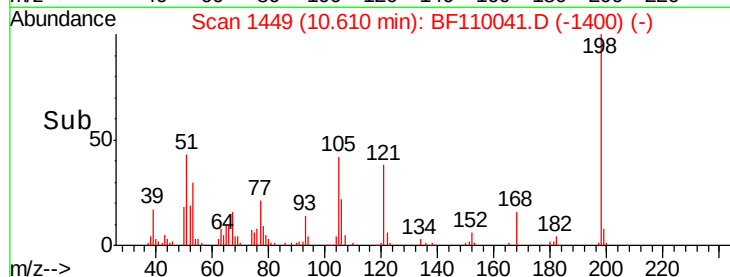
Ion	Ratio	Lower	Upper
198	100		
51	42.4	22.8	62.8
105	41.4	23.6	63.6



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



#66

n-Nitrosodiphenylamine

Concen: 39.078 ng

RT: 10.67 min Scan# 1460

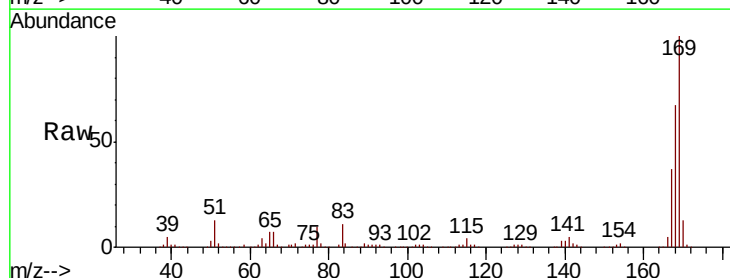
Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Tgt Ion:169 Resp: 836672

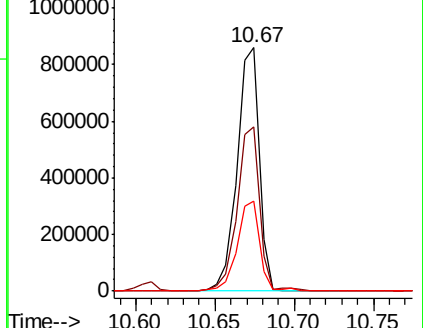
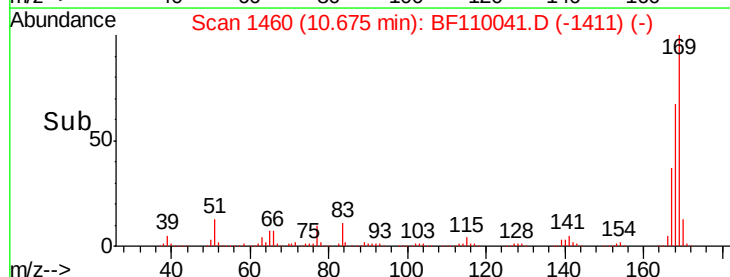
Ion	Ratio	Lower	Upper
169	100		
168	67.5	51.2	76.8
167	36.9	27.8	41.6

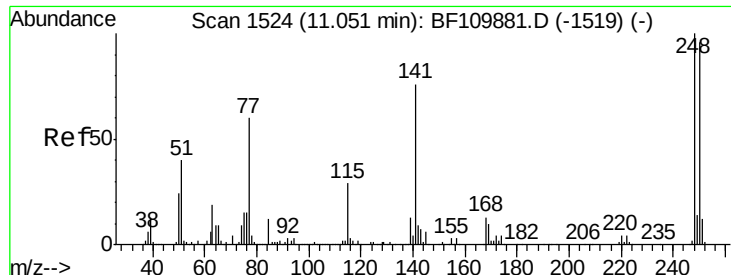


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

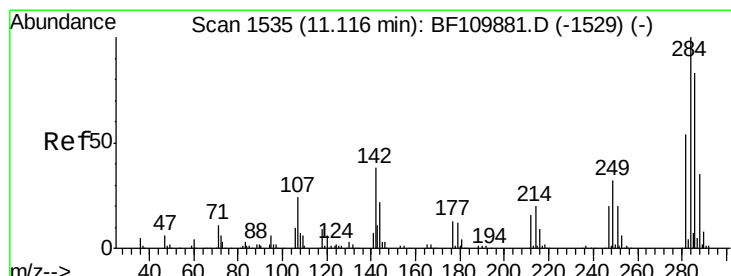
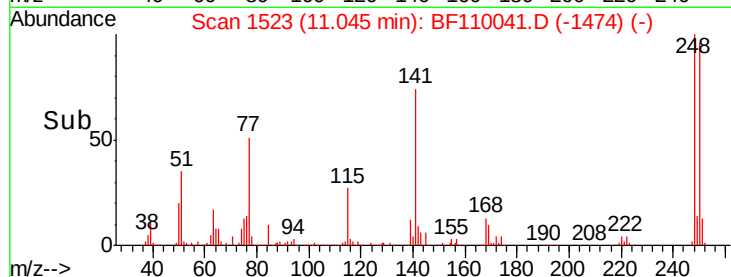
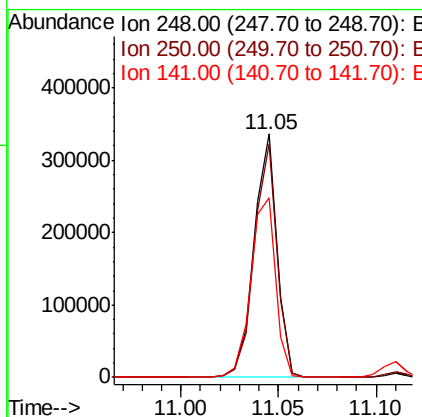
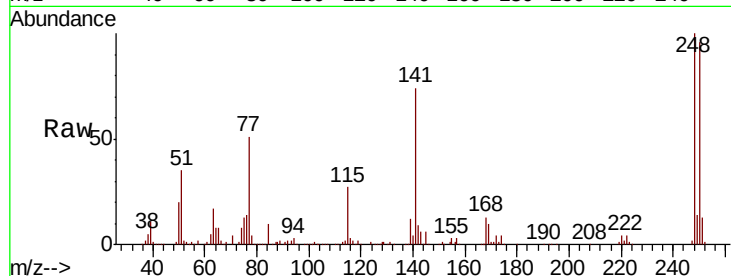




#67
 4-Bromophenyl-phenylether
 Concen: 39.393 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

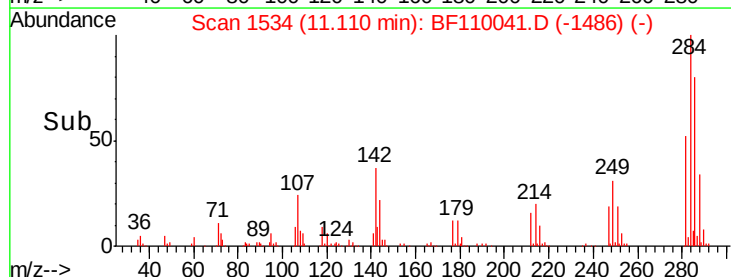
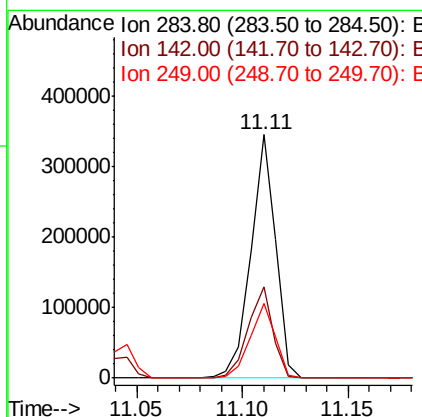
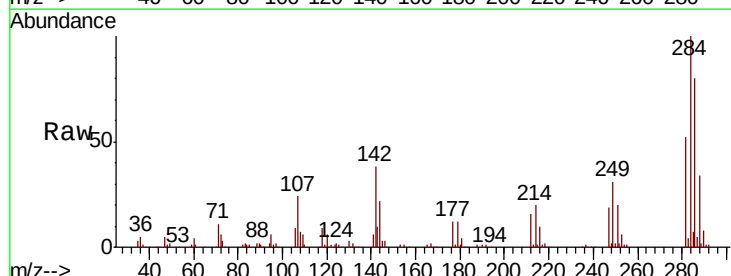
Instrument :
 BNA_F
 ClientSampled :

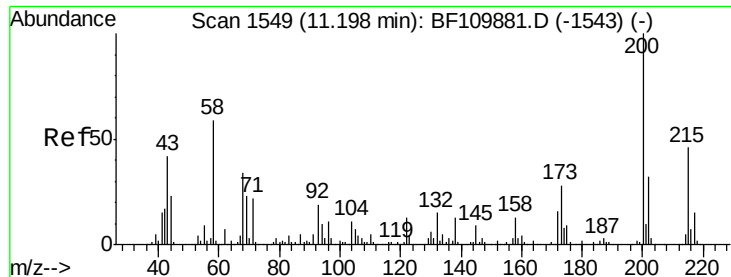
Tot Ion:248 Resp: 274441
 Ion Ratio Lower Upper
 248 100
 250 95.7 79.4 119.2
 141 73.6 55.9 83.9



#68
 Hexachlorobenzene
 Concen: 37.916 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.02 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Tgt Ion:284 Resp: 281681
 Ion Ratio Lower Upper
 284 100
 142 37.6 23.9 35.9#
 249 30.6 24.2 36.2

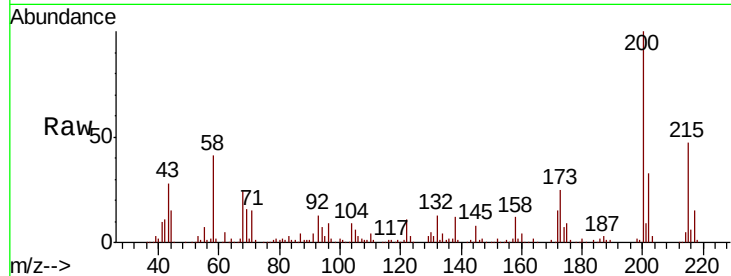




#69
 Atrazine
 Concen: 41.824 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.7	6.6	46.6
215	47.4	26.3	66.3

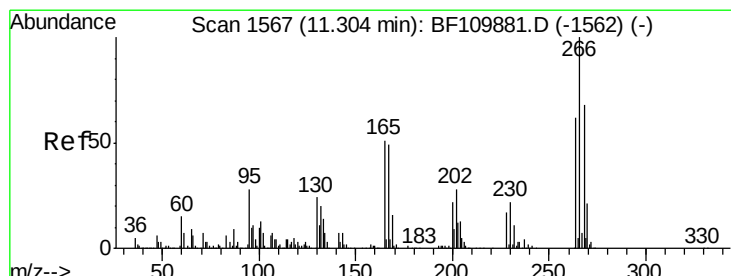
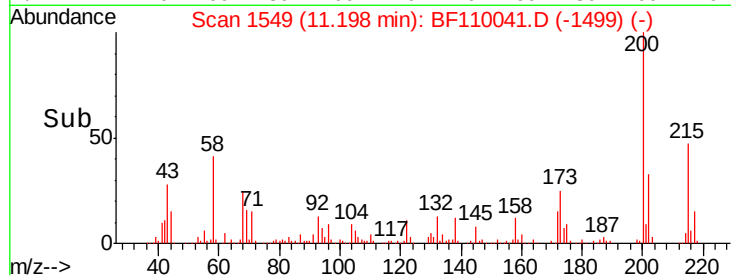
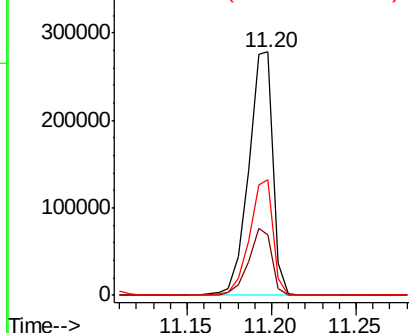


Abundance

Ion 200.00 (199.70 to 200.70): E

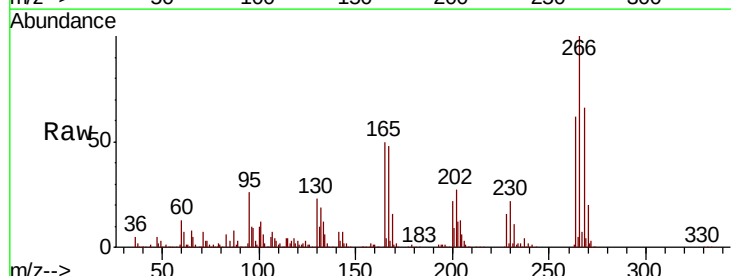
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 71.294 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	50.6	75.8
264	62.2	50.6	75.8

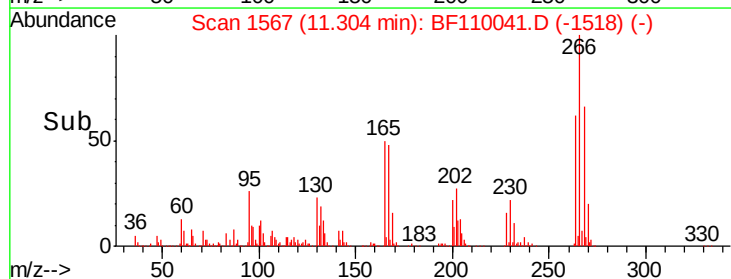
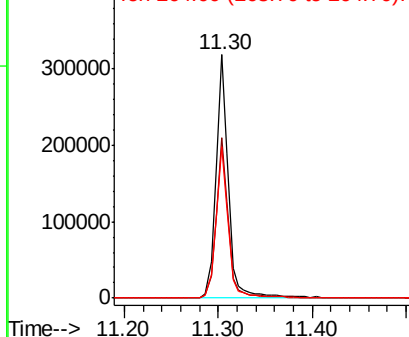


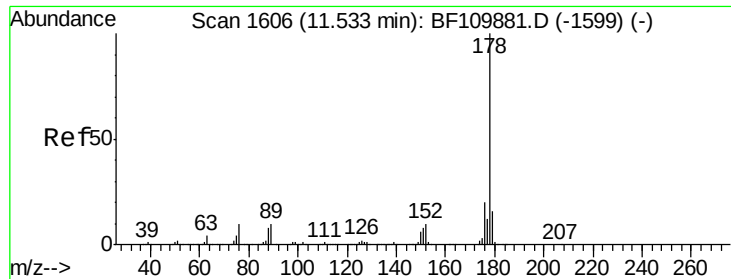
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

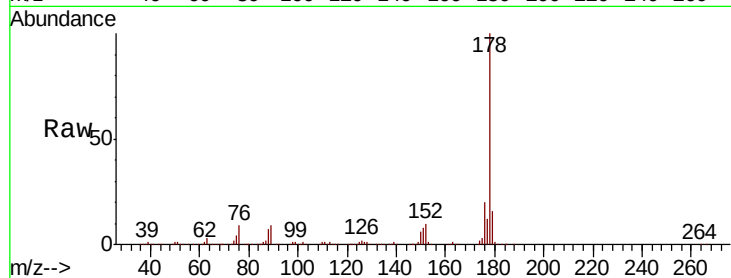




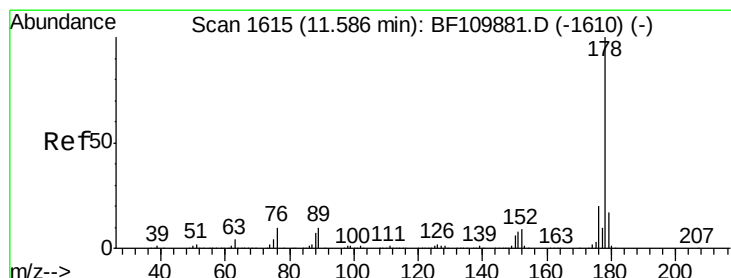
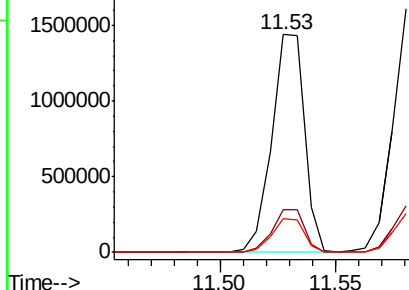
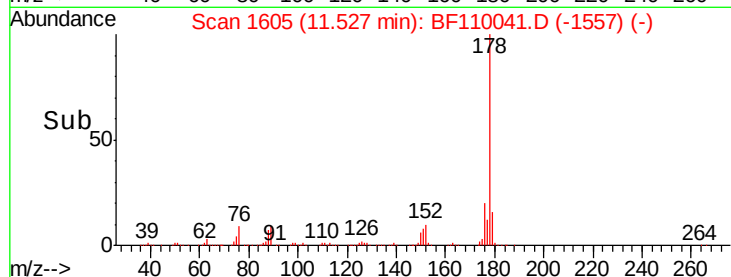
#71
Phenanthrene
Concen: 42.525 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1415241
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.7 12.5 18.7

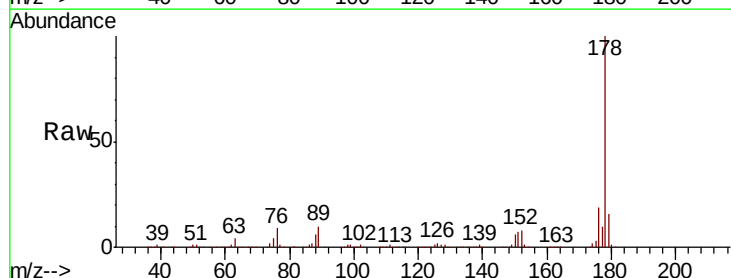


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

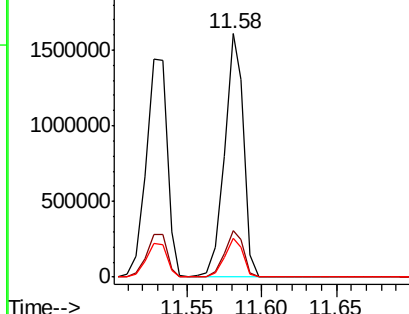
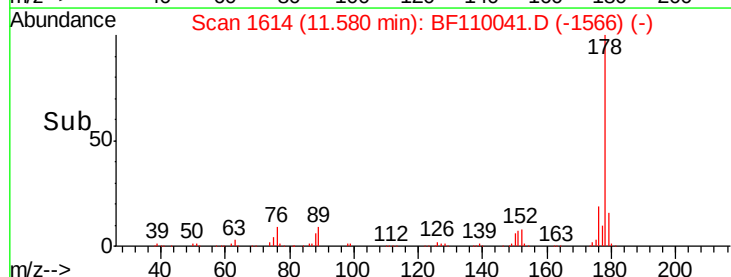


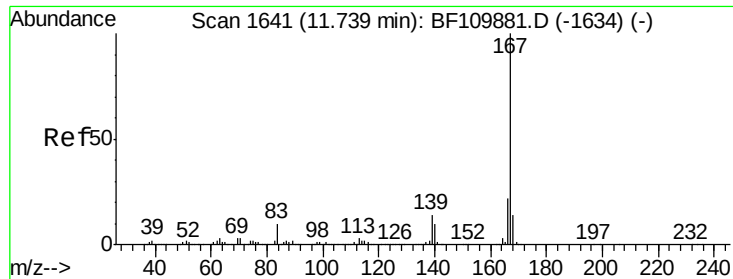
#72
Anthracene
Concen: 43.255 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:178 Resp: 1447240
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 16.1 12.6 18.8



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



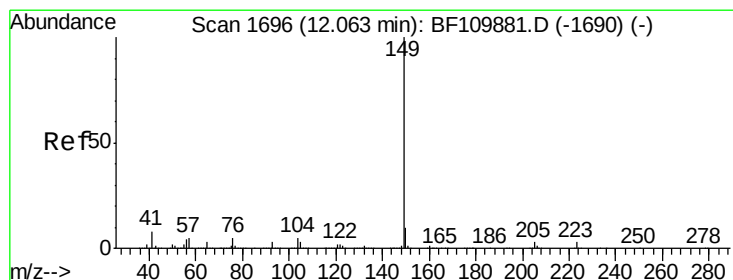
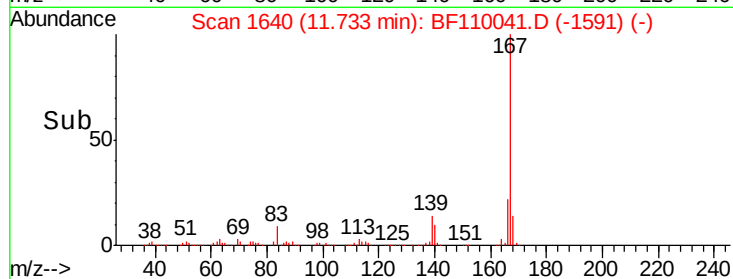
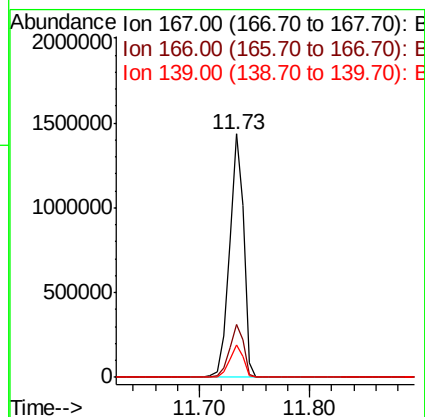
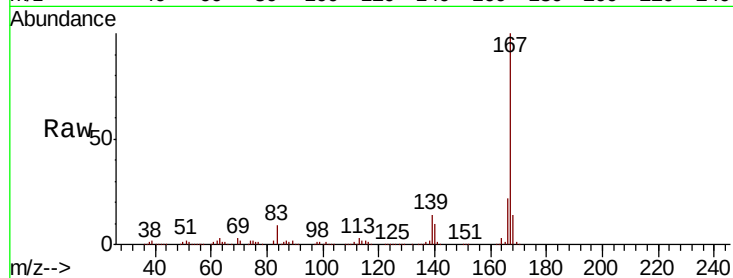


#73
 Carbazole
 Concen: 39.189 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1288647

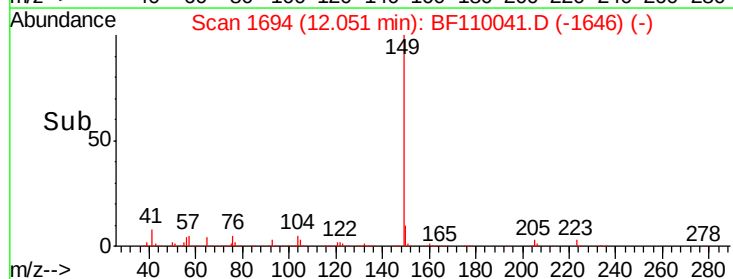
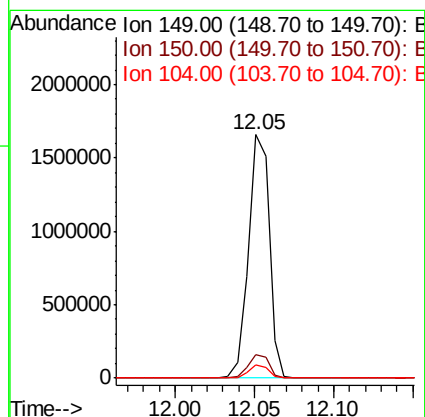
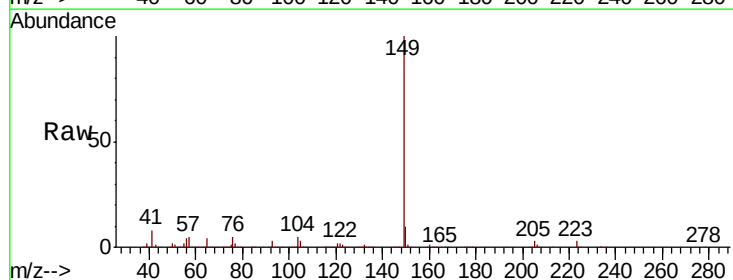
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.5	10.9	16.3

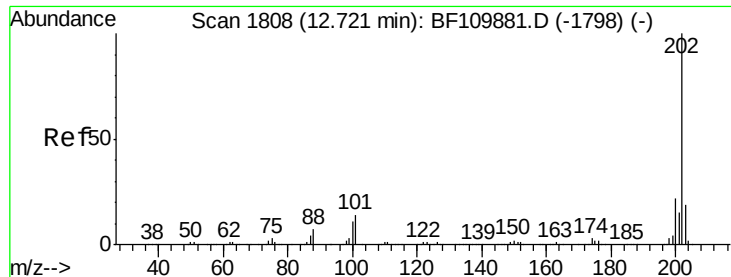


#74
 Di-n-butylphthalate
 Concen: 40.866 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110041.D
 Acq: 22 Oct 2018 11:32

Tgt Ion:149 Resp: 1499711

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.3	4.2	6.4





#75

Fluoranthene

Concen: 43.813 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampleId :

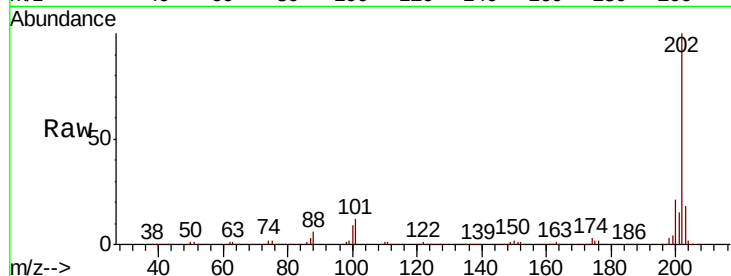
Tot Ion:202 Resp: 1456634

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.4

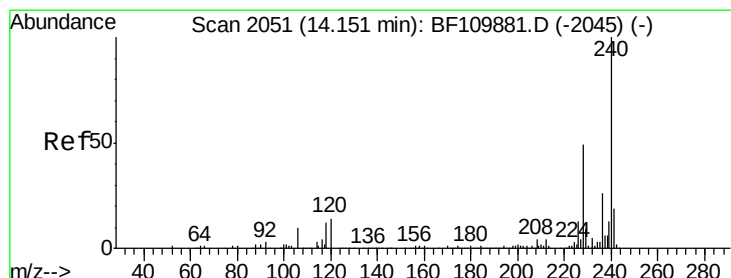
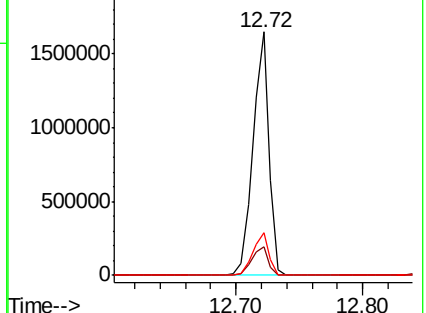
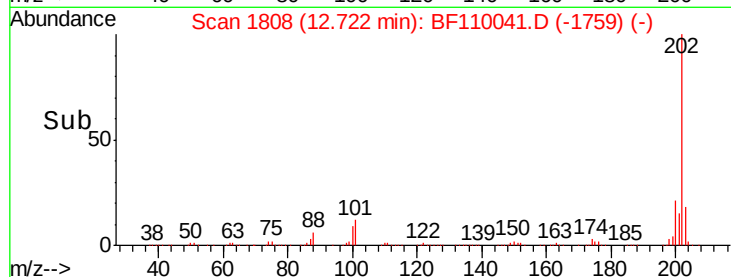
203 17.7 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

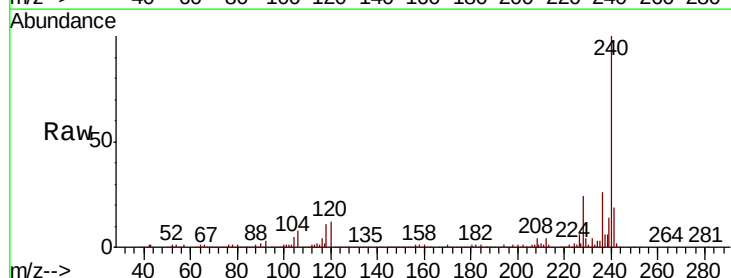
Tgt Ion:240 Resp: 490604

Ion Ratio Lower Upper

240 100

120 12.1 8.3 12.5

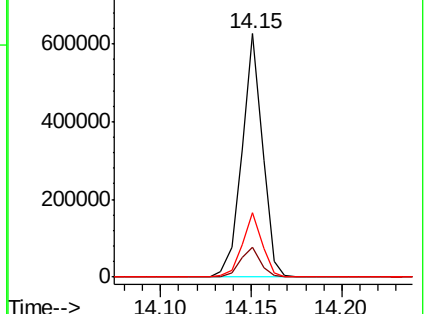
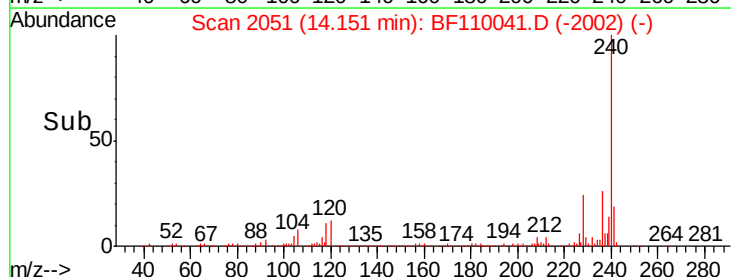
236 26.3 21.2 31.8

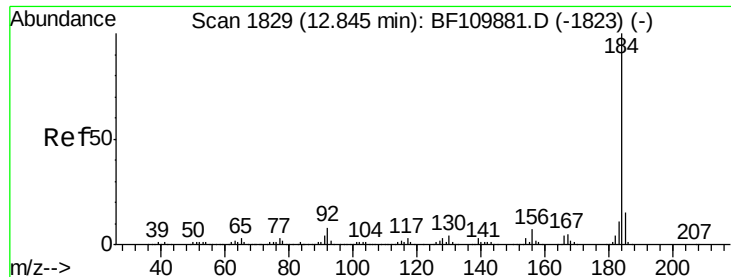


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.895 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampleId :

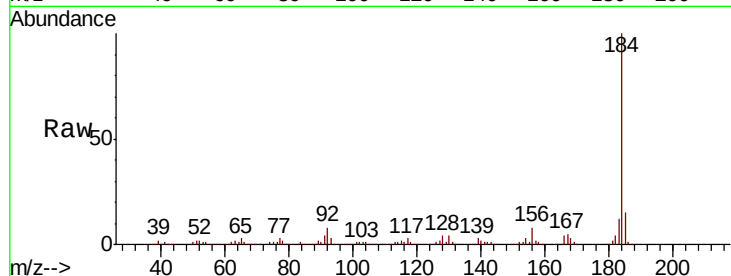
Tot Ion:184 Resp: 919735

Ion Ratio Lower Upper

184 100

185 15.2 13.4 20.2

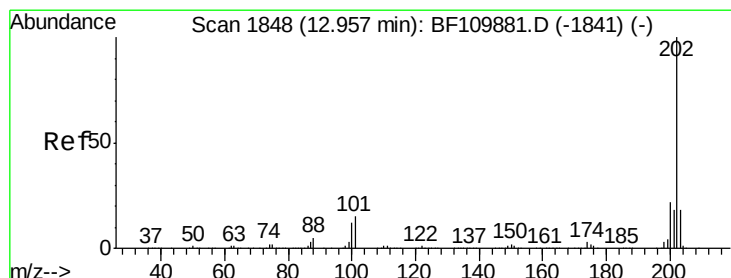
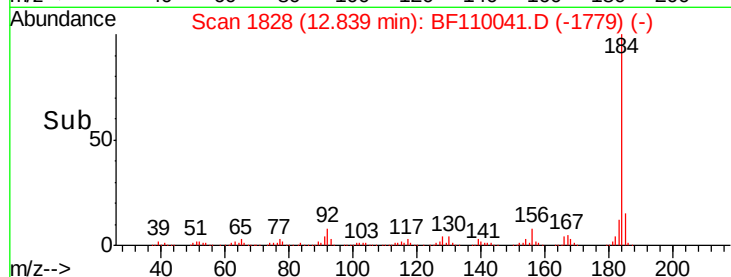
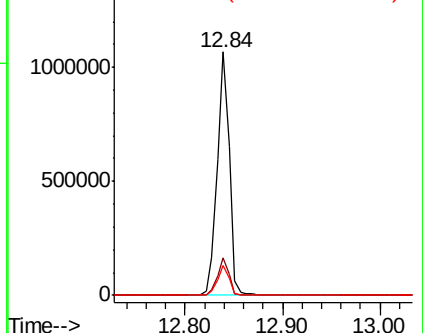
183 12.3 9.4 14.2



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



#78

Pyrene

Concen: 41.140 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

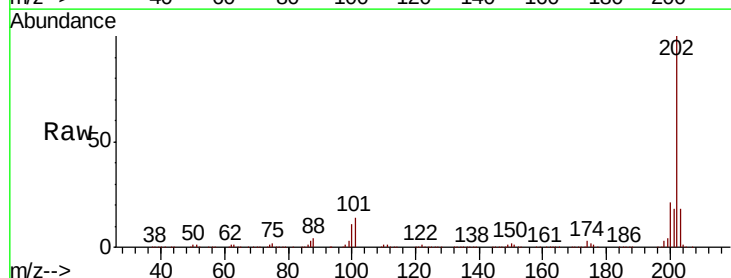
Tgt Ion:202 Resp: 1482423

Ion Ratio Lower Upper

202 100

200 21.2 17.8 26.6

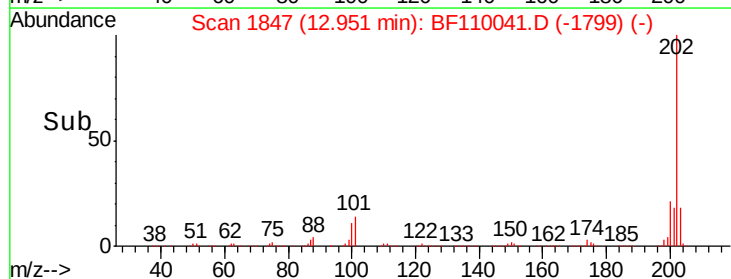
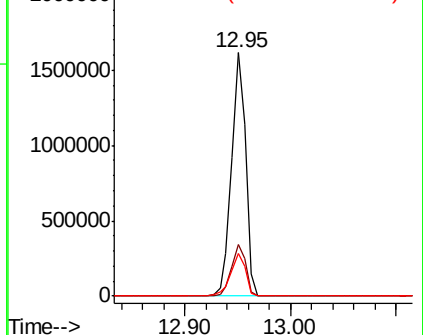
203 17.7 14.2 21.4

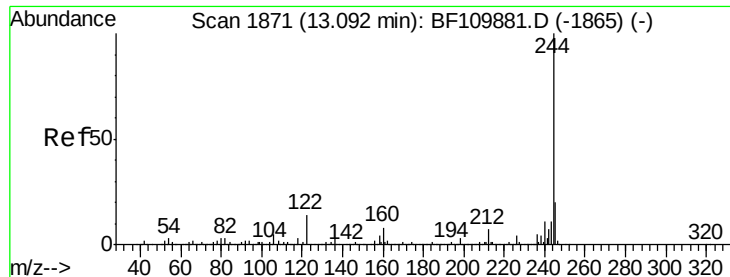


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.807 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampleId :

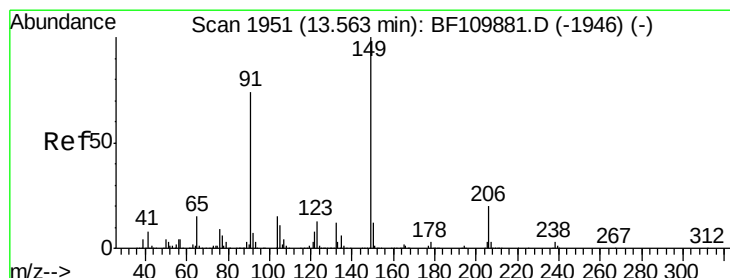
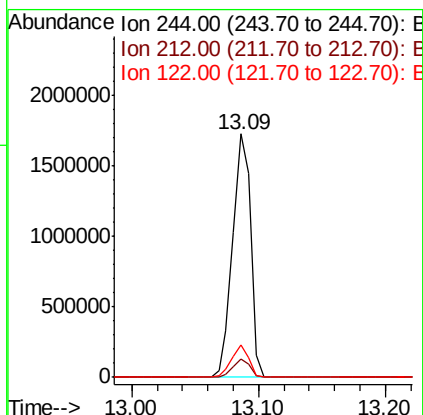
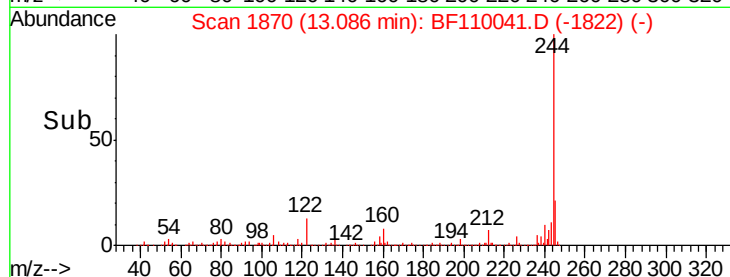
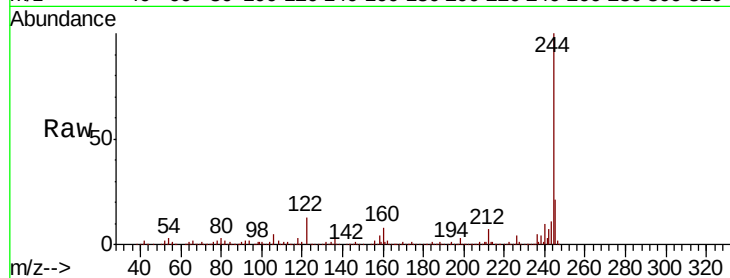
Tot Ion:244 Resp: 1677614

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 13.4 8.7 13.1#



#80

Butylbenzylphthalate

Concen: 44.329 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

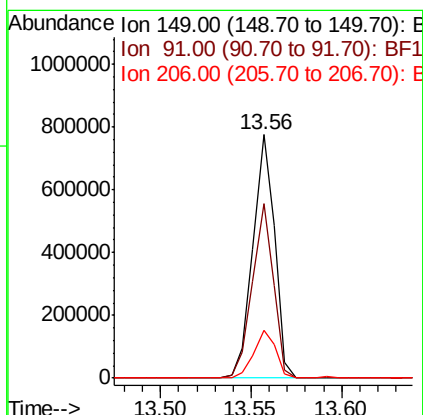
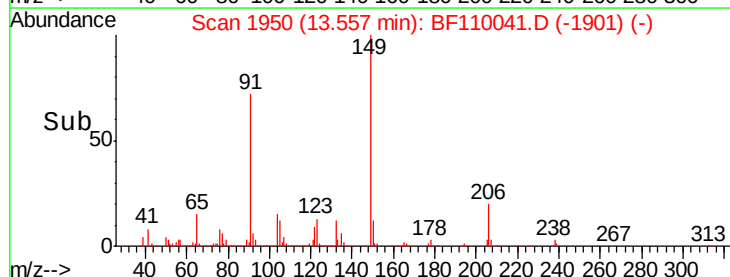
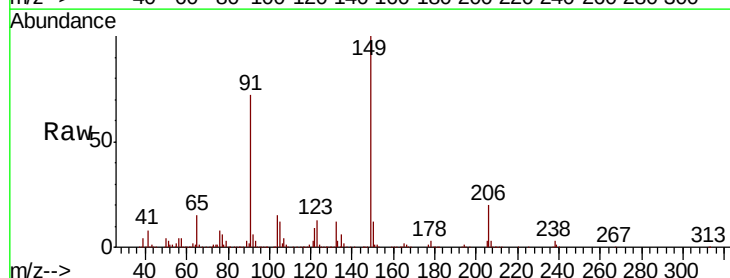
Tgt Ion:149 Resp: 645778

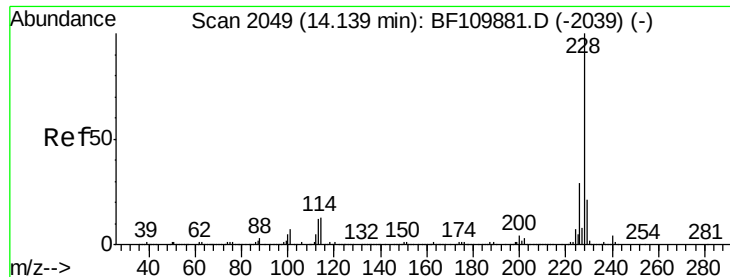
Ion Ratio Lower Upper

149 100

91 71.7 57.2 85.8

206 19.6 15.7 23.5





#81

Benzo(a)anthracene

Concen: 43.520 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

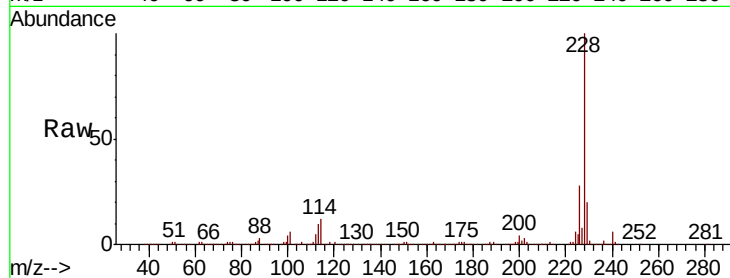
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1257636

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	20.2	15.6	23.4

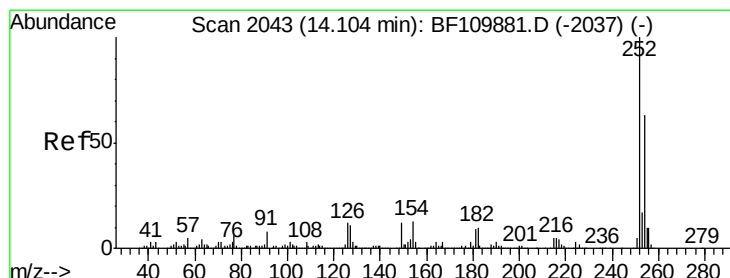
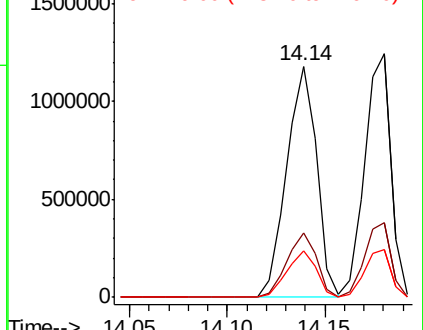
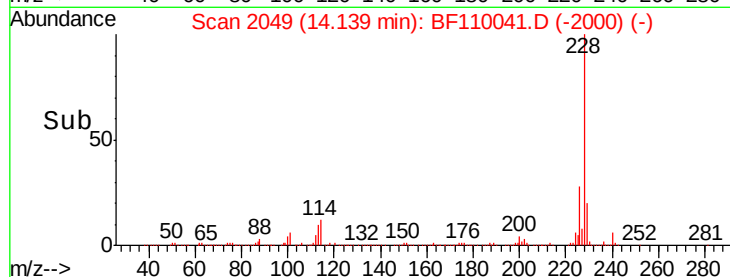


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.170 ng

RT: 14.10 min Scan# 2042

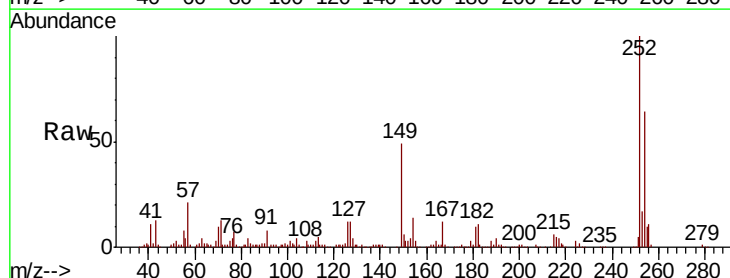
Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Tgt Ion:252 Resp: 224603

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.3	76.9
126	11.8	9.4	14.2

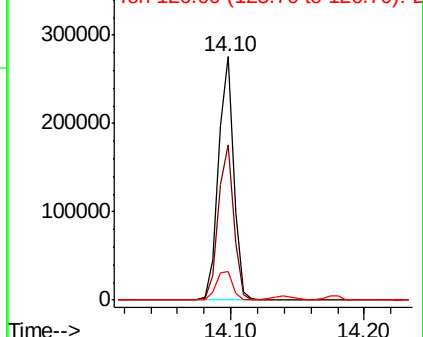
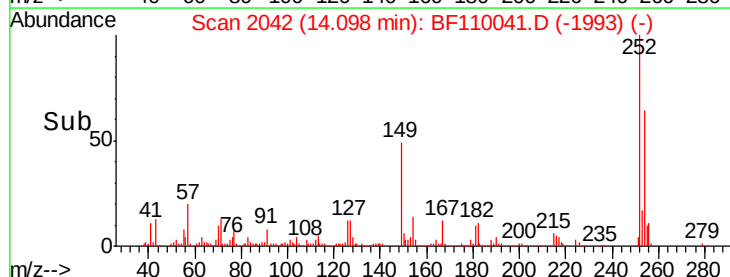


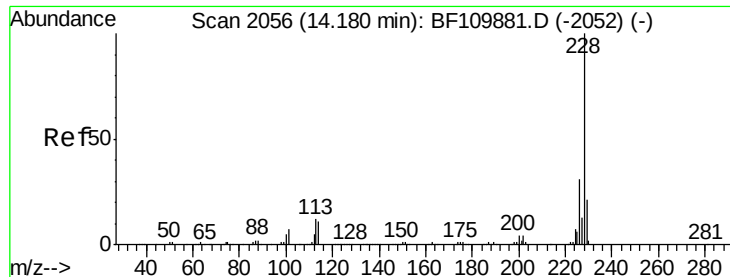
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.991 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

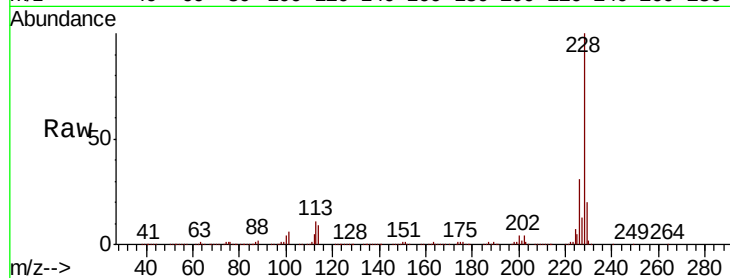
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1155030

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	19.6	15.9	23.9

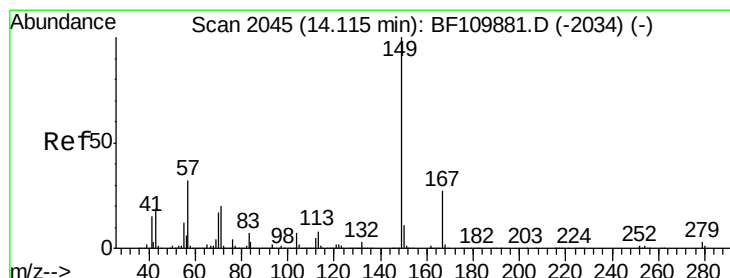
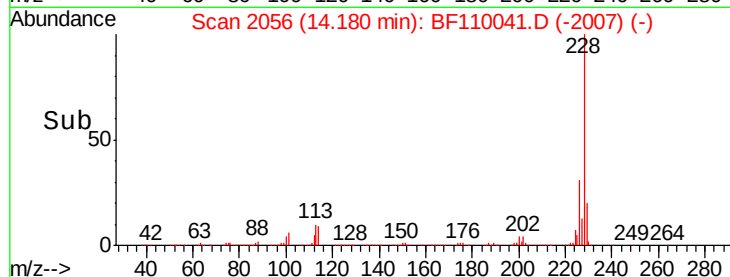
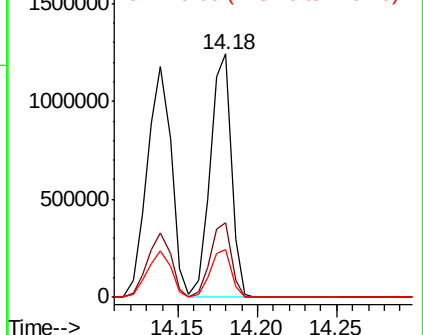


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.915 ng

RT: 14.11 min Scan# 2044

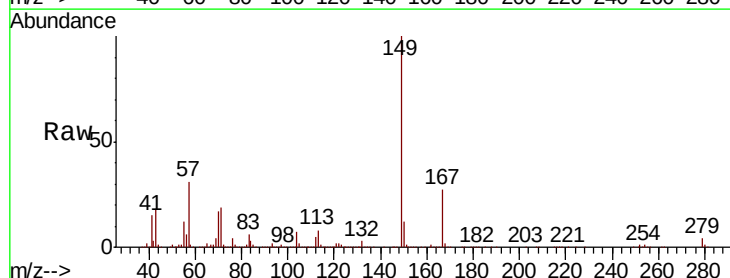
Delta R.T. -0.02 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Tgt Ion:149 Resp: 860965

Ion	Ratio	Lower	Upper
149	100		
167	27.0	19.8	29.8
279	3.6	2.7	4.1

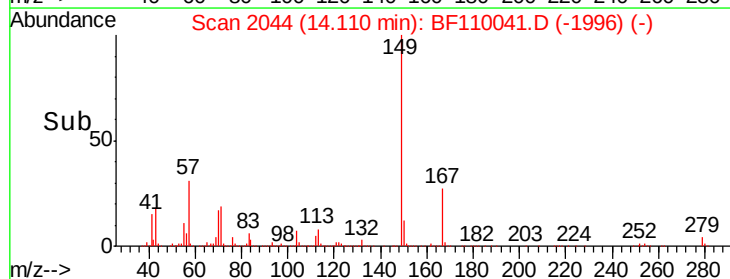
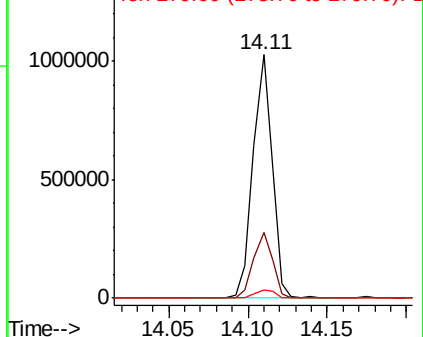


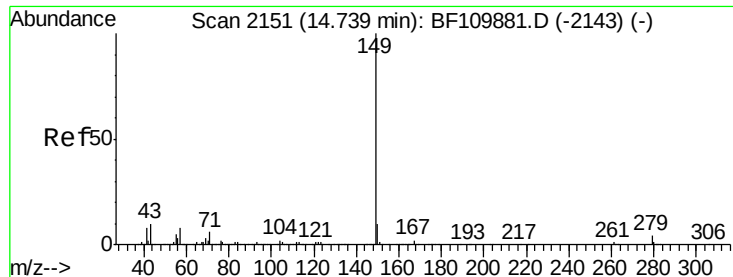
Abundance

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

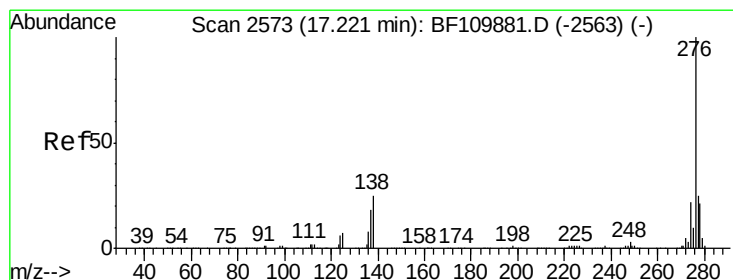
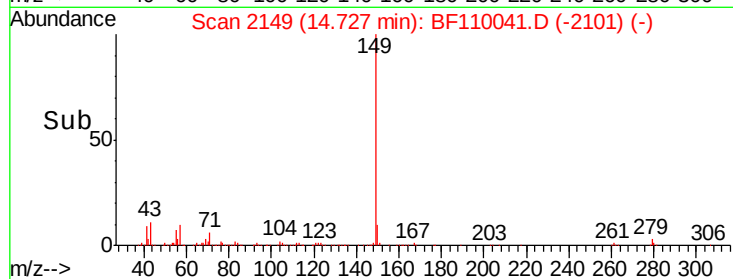
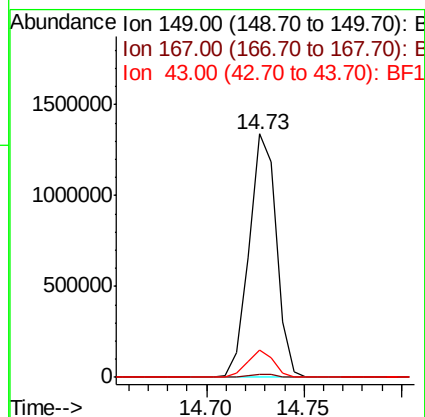
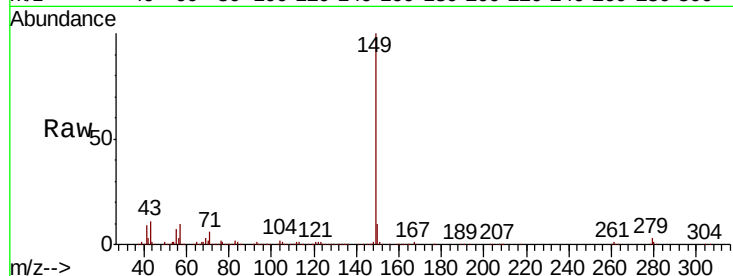




#85
Di-n-octyl phthalate
Concen: 47.975 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

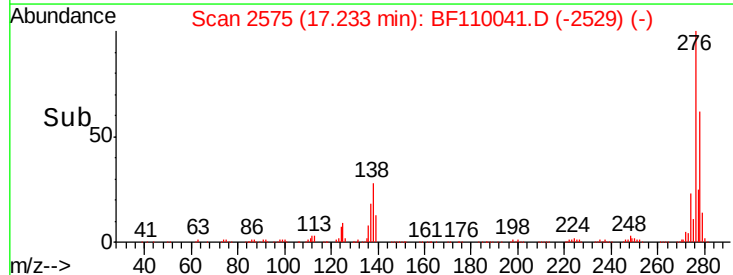
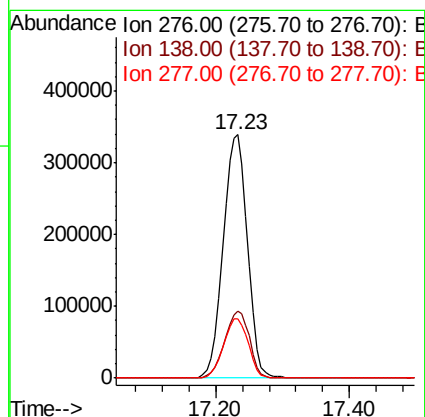
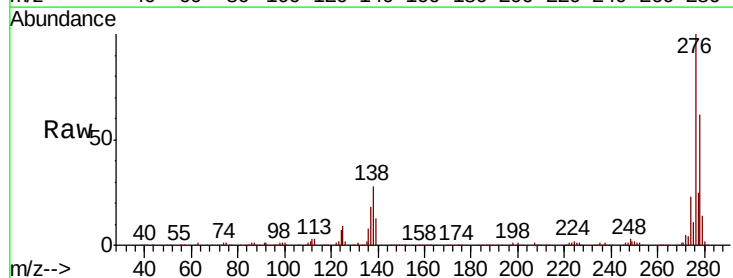
Instrument :
BNA_F
ClientSampleId :

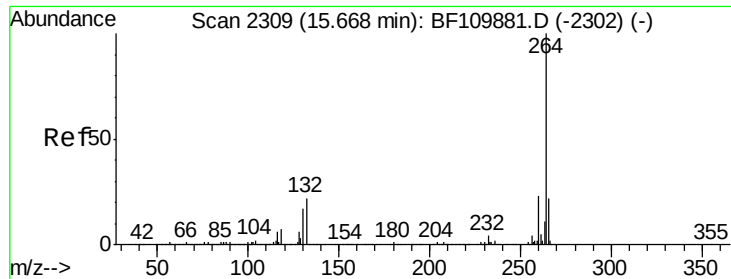
Tot Ion:149 Resp: 1296520
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.5 7.8 11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.272 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:276 Resp: 869749
Ion Ratio Lower Upper
276 100
138 28.2 18.5 27.7#
277 25.1 20.0 30.0



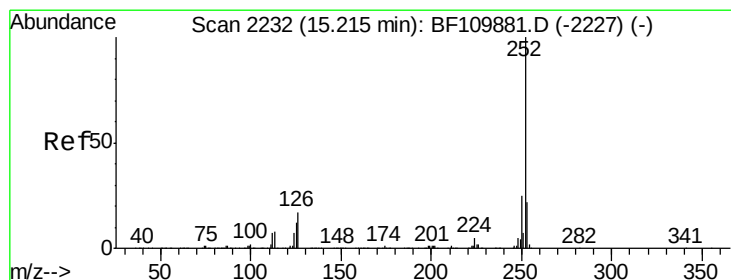
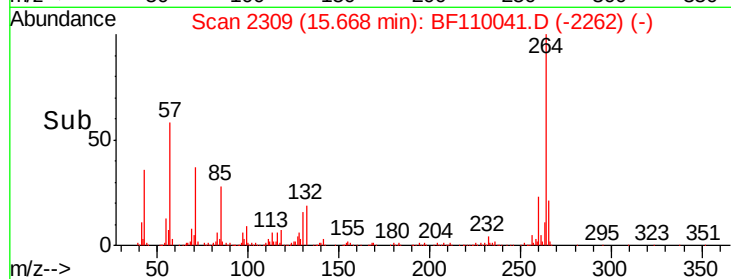
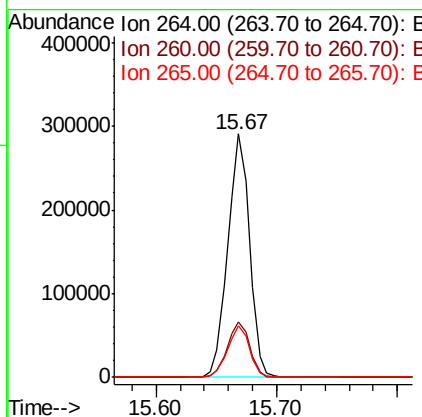
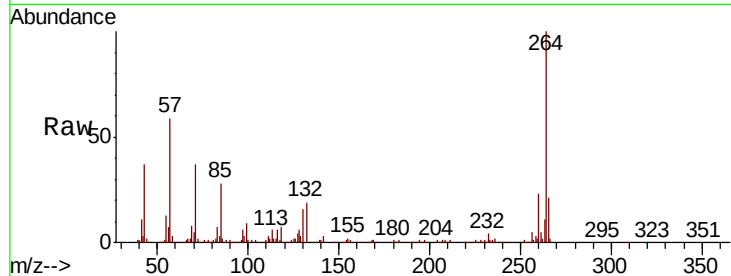


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 365343

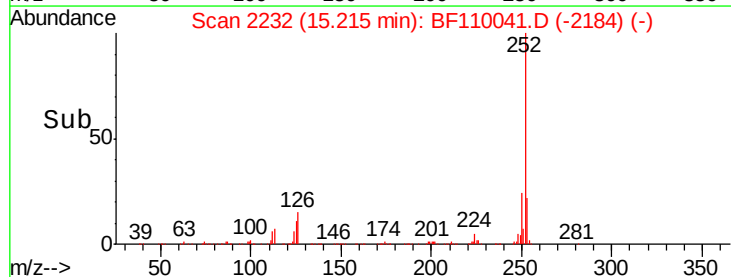
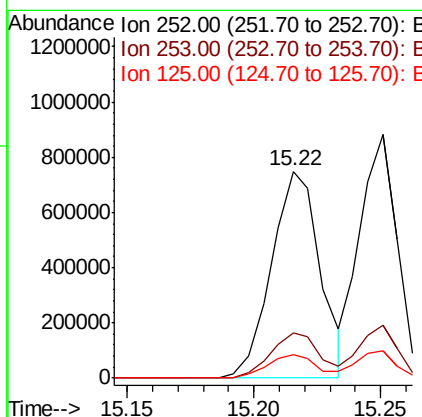
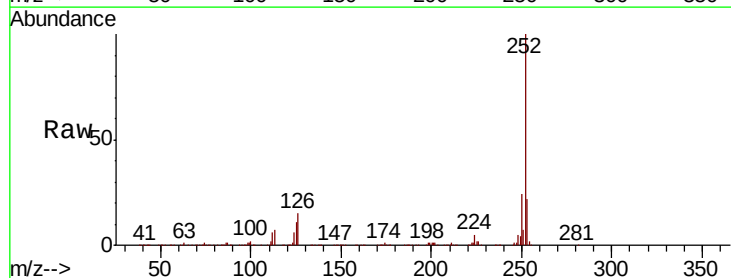
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.4	16.7	25.1

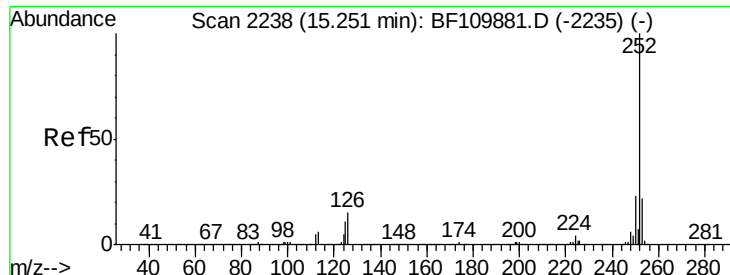


#88
Benzo(b)fluoranthene
Concen: 47.603 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:252 Resp: 1002644

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	11.2	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 43.815 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

Instrument :

BNA_F

ClientSampled :

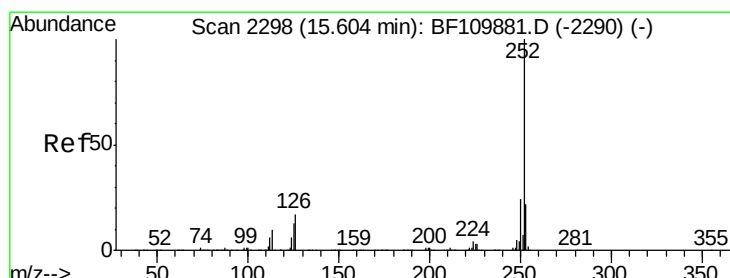
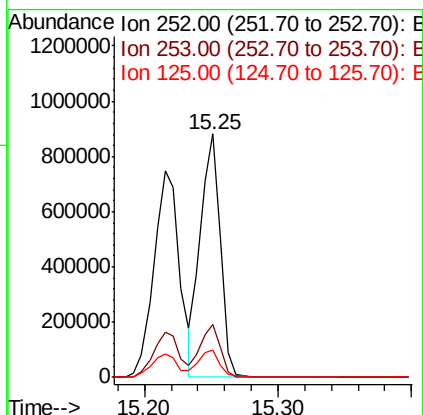
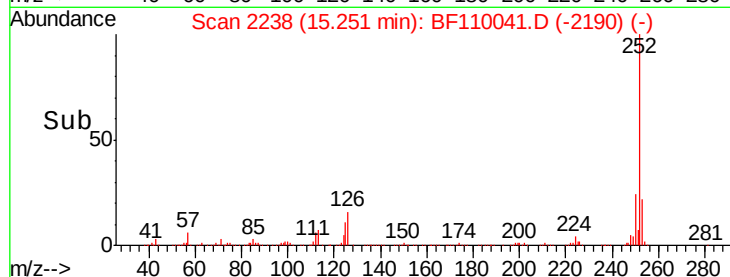
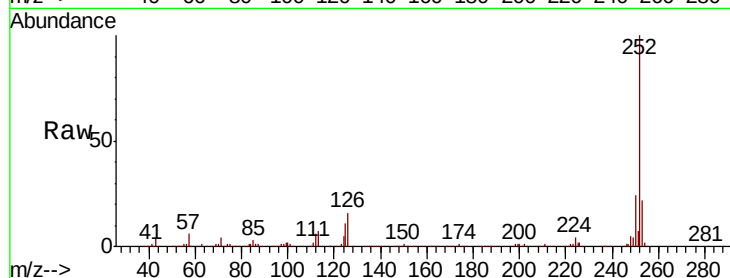
Tot Ion:252 Resp: 909626

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 11.0 7.4 11.0



#90

Benzo(a)pyrene

Concen: 45.383 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BF110041.D

Acq: 22 Oct 2018 11:32

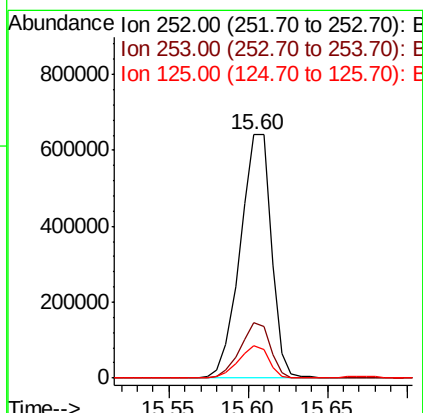
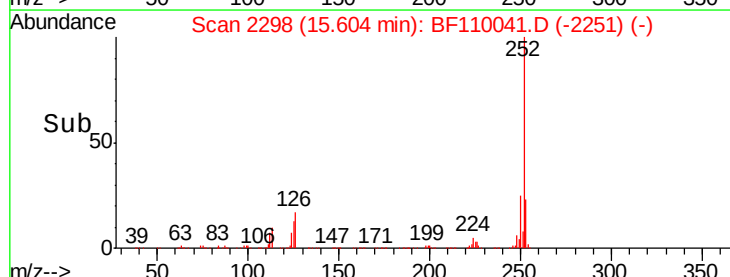
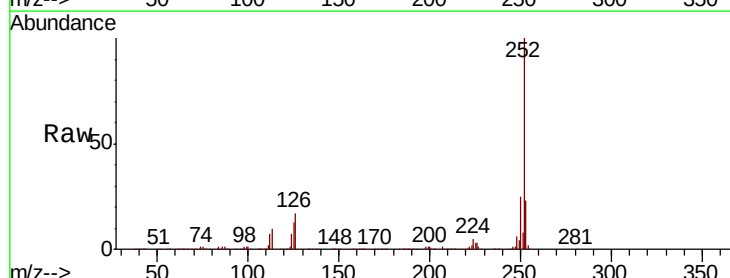
Tgt Ion:252 Resp: 879153

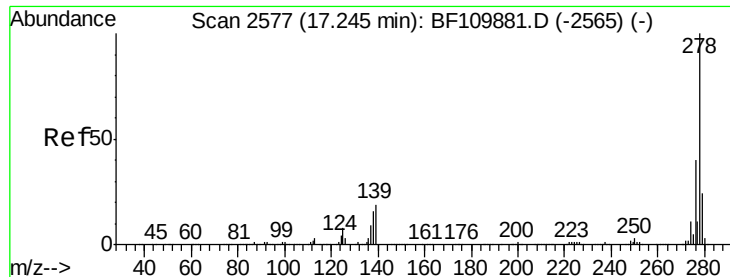
Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

125 13.3 9.0 13.6



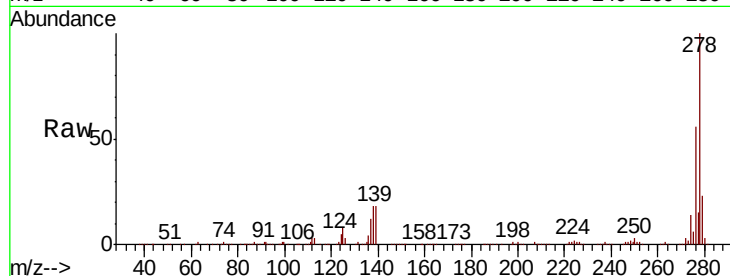


#91
Dibenzo(a,h)anthracene
Concen: 42.066 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.04 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

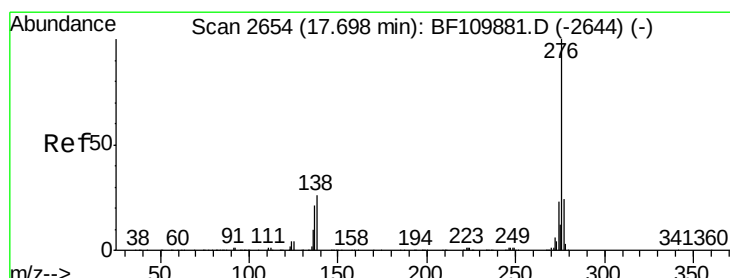
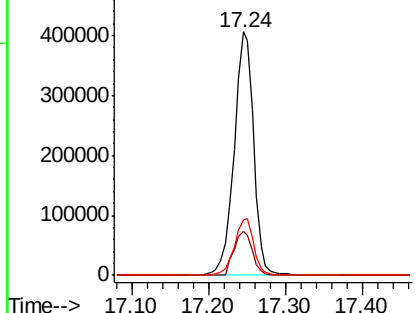
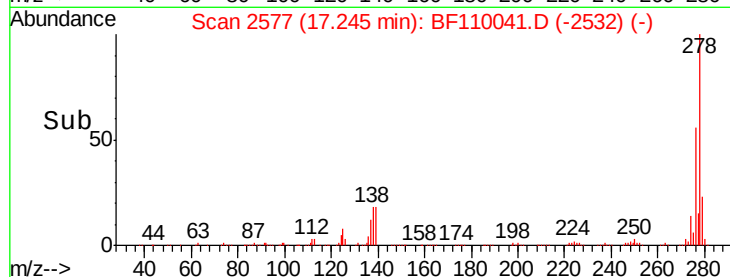
Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 722182

Ion	Ratio	Lower	Upper
278	100		
139	18.1	12.7	19.1
279	23.0	19.0	28.4



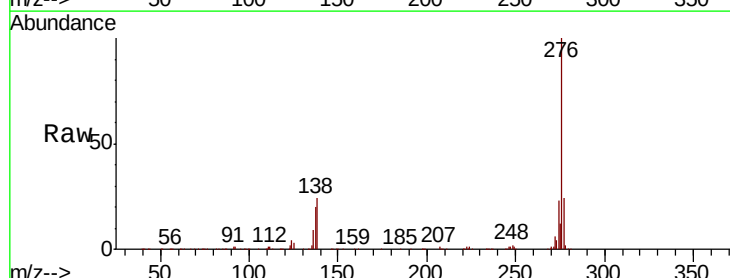
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.175 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.03 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:276 Resp: 714205

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	24.0	16.0	24.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

