

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
 Data File : BF110790.D
 Acq On : 15 Nov 2018 16:05
 Operator : JU/SJ
 Sample : J5950-09MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 15 17:56:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	58259	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	239536	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	113015	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	215898	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	145938	20.00	ng	-0.01
87) Perylene-d12	15.65	264	132189	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	492321	137.26	ng	0.00
7) Phenol-d6	6.57	99	623773	136.00	ng	0.00
23) Nitrobenzene-d5	7.50	82	386490	92.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	159142	139.75	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	606666	76.66	ng	0.00
79) Terphenyl-d14	13.06	244	601167	77.15	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.79	88	54176	30.315	ng	91
3) Pyridine	3.59	79	147219	38.165	ng	87
4) n-Nitrosodimethylamine	3.53	42	78116	47.197	ng	87
6) Aniline	6.60	93	169482	28.336	ng	# 57
8) 2-Chlorophenol	6.73	128	174984	41.617	ng	99
9) Benzaldehyde	6.50	77	90080	35.502	ng	93
10) Phenol	6.58	94	222696	41.874	ng	# 69
11) bis(2-Chloroethyl)ether	6.67	93	161894	40.619	ng	97
12) 1,3-Dichlorobenzene	6.88	146	182052	39.572	ng	97
13) 1,4-Dichlorobenzene	6.96	146	186593	39.942	ng	99
14) 1,2-Dichlorobenzene	7.11	146	174686	40.196	ng	99
15) Benzyl Alcohol	7.08	79	150102	41.820	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.20	45	246802	39.431	ng	77
17) 2-Methylphenol	7.19	107	140023	41.844	ng	# 82
18) Hexachloroethane	7.45	117	70384	40.810	ng	97
19) n-Nitroso-di-n-propylamine	7.35	70	120848	41.277	ng	97
20) 3+4-Methylphenols	7.34	107	180484	42.016	ng	89
22) Acetophenone	7.35	105	241594	43.277	ng	# 94
24) Nitrobenzene	7.53	77	178659	41.924	ng	92
25) Isophorone	7.76	82	322130	47.252	ng	97
26) 2-Nitrophenol	7.84	139	93615	44.034	ng	97
27) 2,4-Dimethylphenol	7.87	122	151060	46.656	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	203489	44.086	ng	99
29) 2,4-Dichlorophenol	8.08	162	147481	44.268	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	157144	41.835	ng	97
31) Naphthalene	8.25	128	547160	48.658	ng	99
32) Benzoic acid	8.00	122	97140	42.404	ng	95
33) 4-Chloroaniline	8.30	127	82755	16.247	ng	98
34) Hexachlorobutadiene	8.35	225	85201	39.712	ng	98
35) Caprolactam	8.67	113	47249	42.450	ng	# 88
36) 4-Chloro-3-methylphenol	8.78	107	160864	44.771	ng	99
37) 2-Methylnaphthalene	8.93	142	358076	48.575	ng	99
38) 1-Methylnaphthalene	8.93	142	358076	50.509	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	147771	41.307	ng	98

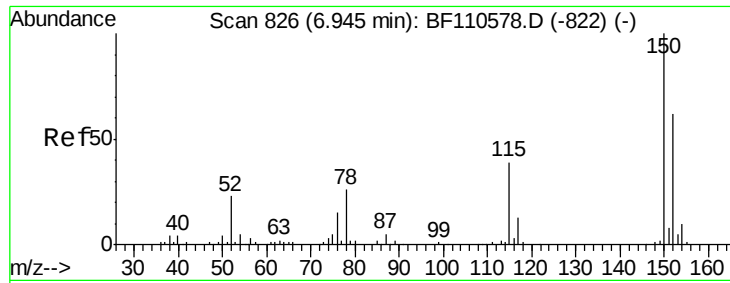
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
 Data File : BF110790.D
 Acq On : 15 Nov 2018 16:05
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	88950	65.330	ng	99
43) 2,4,6-Trichlorophenol	9.22	196	98309	43.731	ng	95
44) 2,4,5-Trichlorophenol	9.26	196	107458	44.813	ng	96
46) 1,1'-Biphenyl	9.40	154	423096	40.132	ng	100
47) 2-Chloronaphthalene	9.43	162	321286	42.300	ng	100
48) 2-Nitroaniline	9.53	65	102785	43.914	ng	94
49) Acenaphthylene	9.85	152	503713	46.050	ng	99
50) Dimethylphthalate	9.70	163	458188	54.334	ng	100
51) 2,6-Dinitrotoluene	9.77	165	81702	44.043	ng	98
52) Acenaphthene	10.02	154	303148	43.854	ng	97
53) 3-Nitroaniline	9.95	138	56222	26.160	ng	88
54) 2,4-Dinitrophenol	10.06	184	57329	77.721	ng	88
55) Dibenzofuran	10.19	168	437868	43.295	ng	97
56) 4-Nitrophenol	10.11	139	119880	84.077	ng	96
57) 2,4-Dinitrotoluene	10.18	165	108346	44.920	ng	96
58) Fluorene	10.53	166	359188	46.238	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	76865	40.747	ng	98
60) Diethylphthalate	10.40	149	373472	44.766	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	168541	41.903	ng	95
62) 4-Nitroaniline	10.56	138	85148	39.344	ng	96
63) Azobenzene	10.68	77	351650	43.202	ng	96
65) 4,6-Dinitro-2-methylphenol	10.59	198	44419	40.823	ng	83
66) n-Nitrosodiphenylamine	10.64	169	312307	42.916	ng	97
67) 4-Bromophenyl-phenylether	11.01	248	98656	41.346	ng	# 87
68) Hexachlorobenzene	11.09	284	103824	41.271	ng	98
69) Atrazine	11.17	200	99016	44.500	ng	98
70) Pentachlorophenol	11.28	266	90708	67.574	ng	98
71) Phenanthrene	11.50	178	518552	44.831	ng	100
72) Anthracene	11.56	178	538844	46.181	ng	99
73) Carbazole	11.71	167	461447	41.180	ng	100
74) Di-n-butylphthalate	12.02	149	594526	45.244	ng	99
75) Fluoranthene	12.70	202	517122	44.593	ng	98
77) Benzidine	12.82	184	154453	38.485	ng	95
78) Pyrene	12.93	202	511859	45.552	ng	98
80) Butylbenzylphthalate	13.53	149	234533	48.493	ng	94
81) Benzo(a)anthracene	14.12	228	397228	45.539	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	95772	32.775	ng	99
83) Chrysene	14.16	228	371547	44.709	ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	315133	52.524	ng	97
85) Di-n-octyl phthalate	14.69	149	500863	56.769	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	377940	63.376	ng	97
88) Benzo(b)fluoranthene	15.20	252	357078	45.154	ng	97
89) Benzo(k)fluoranthene	15.23	252	329834	42.211	ng	# 98
90) Benzo(a)pyrene	15.59	252	343006	47.739	ng	98
91) Dibenzo(a,h)anthracene	17.23	278	311318	51.201	ng	99
92) Benzo(g,h,i)perylene	17.70	276	306675	50.835	ng	97

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

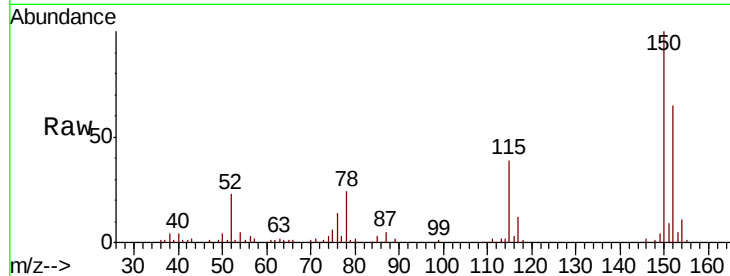


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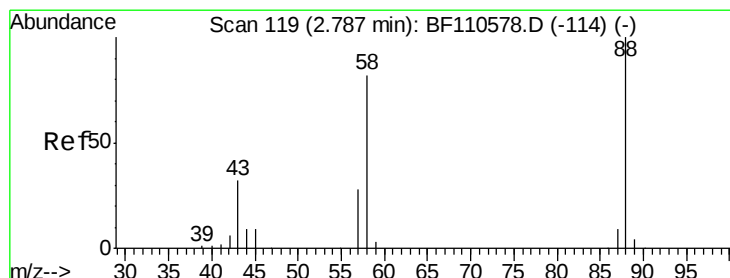
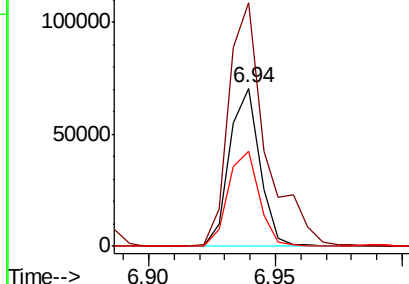
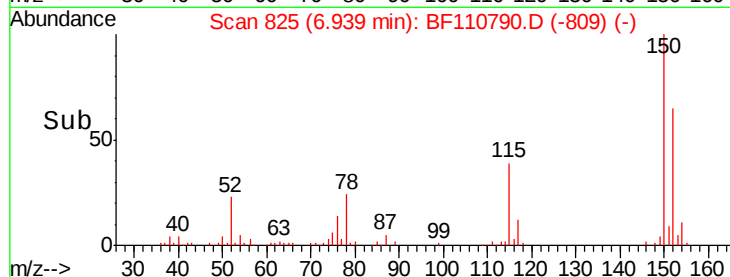
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	122.7	184.1
115	60.2	49.1	73.7



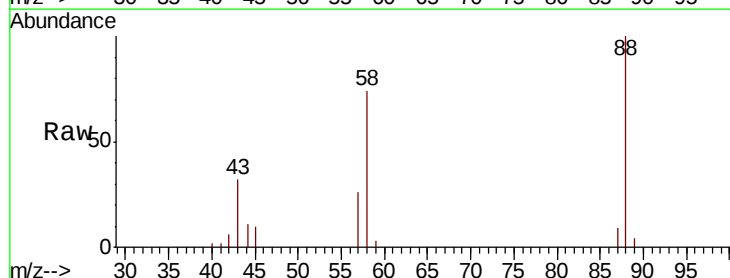
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



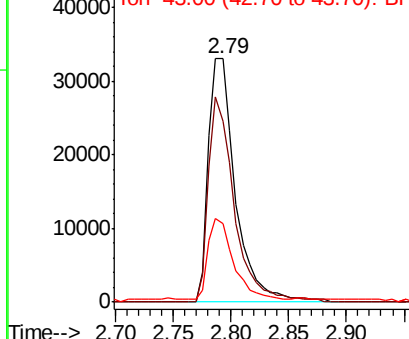
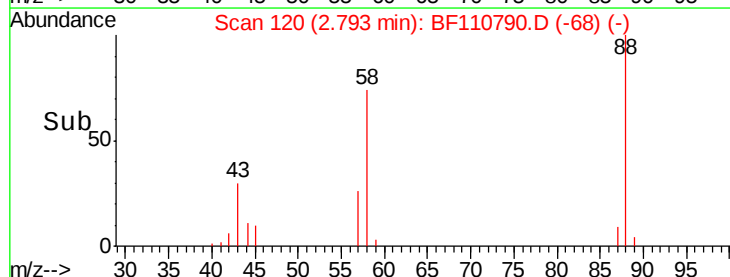
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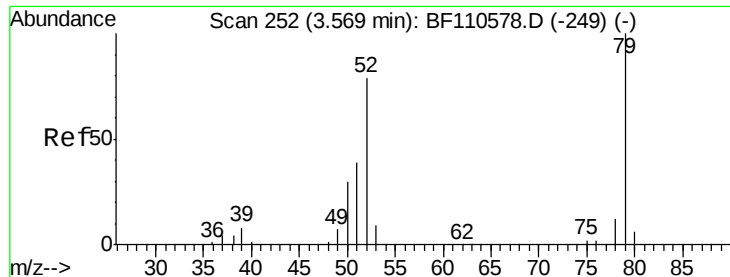
1,4-Dioxane
Concen: 30.315 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	57.1	85.7
43	31.0	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

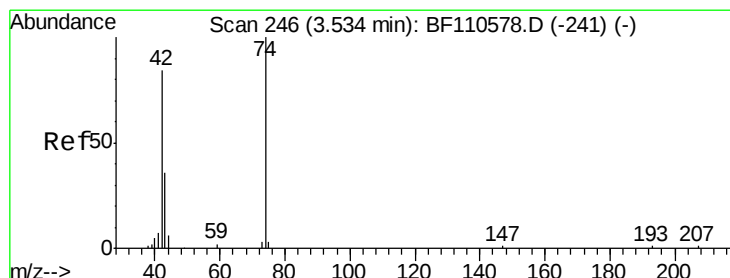
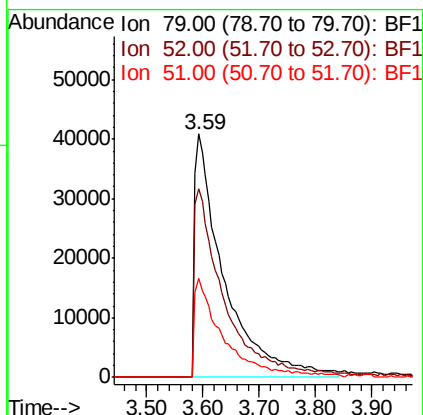
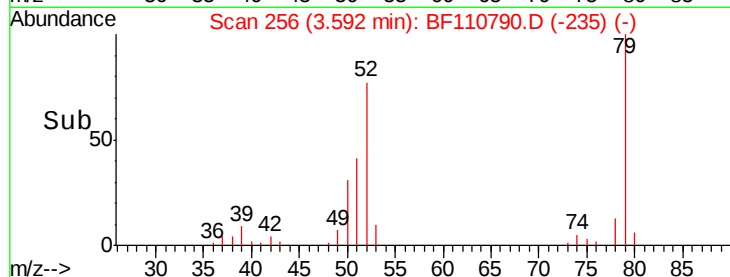
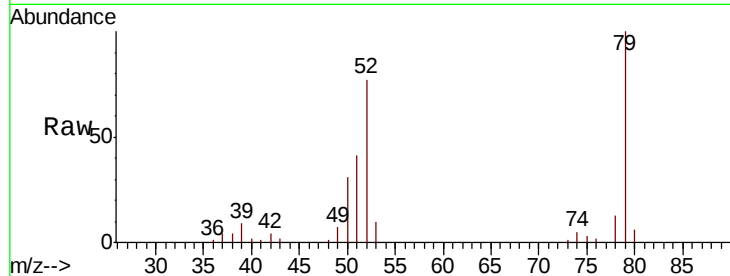




#3
 Pvridine
 Concen: 38.165 ng
 RT: 3.59 min Scan# 256
 Delta R.T. 0.02 min
 Lab File: BF110790.D
 Acq: 15 Nov 2018 16:05

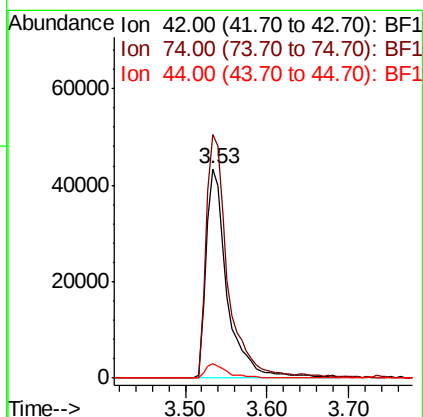
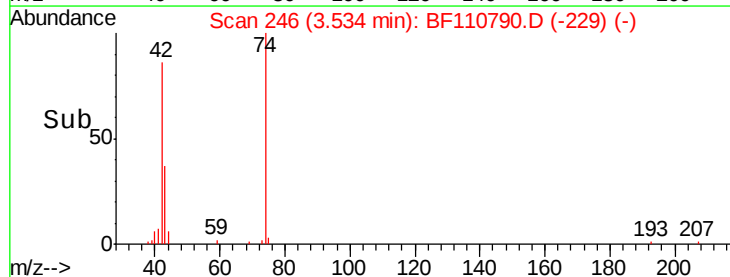
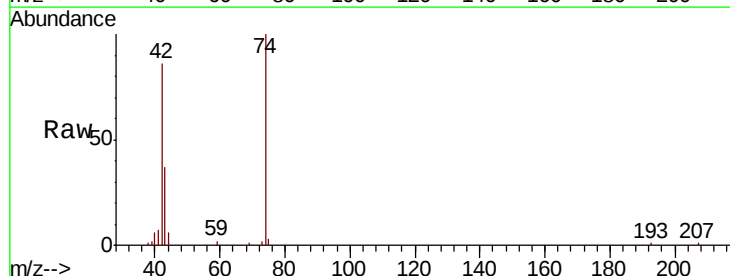
Instrument :
 BNA_F
 ClientSampleId :

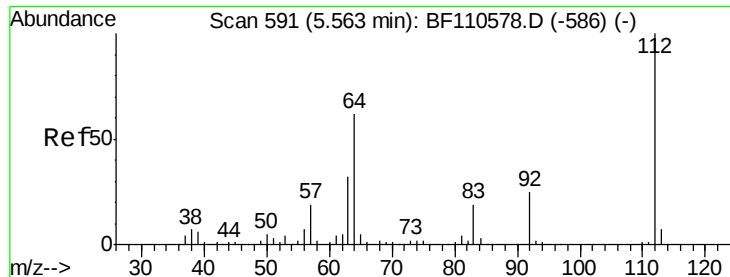
Tot Ion: 79 Resp: 147219
 Ion Ratio Lower Upper
 79 100
 52 77.5 53.1 79.7
 51 40.8 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 47.197 ng
 RT: 3.53 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: BF110790.D
 Acq: 15 Nov 2018 16:05

Tgt Ion: 42 Resp: 78116
 Ion Ratio Lower Upper
 42 100
 74 116.3 105.5 158.3
 44 6.9 4.9 7.3





#5

2-Fluorophenol

Concen: 137.264 ng

RT: 5.56 min Scan# 591

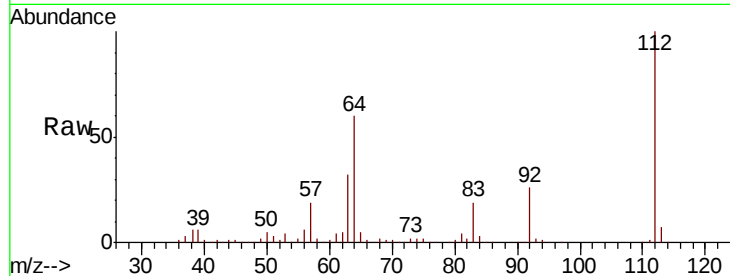
Delta R.T. -0.00 min

Lab File: BF110790.D

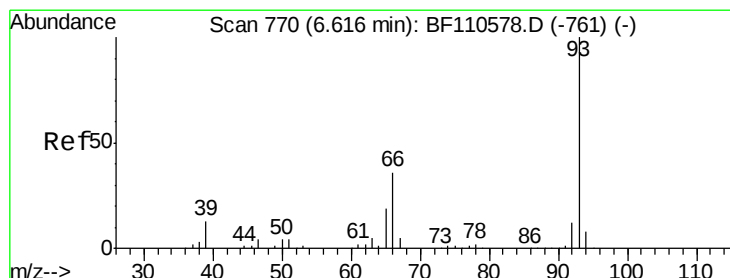
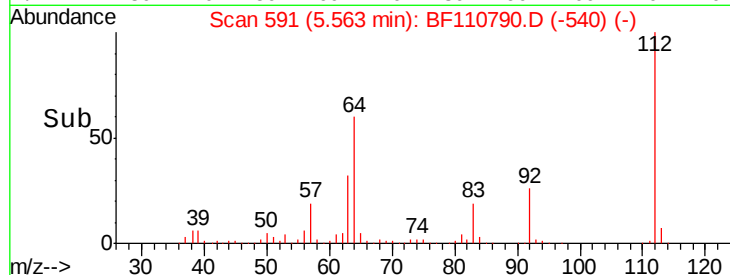
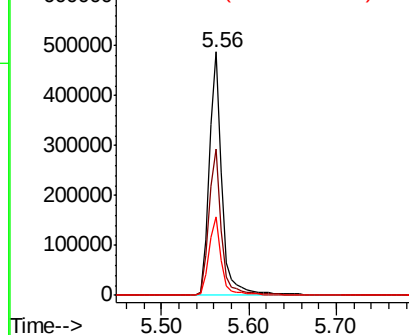
Acq: 15 Nov 2018 16:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	492321
Ion	Ratio	Lower	Upper
112	100		
64	60.3	44.1	66.1
63	32.0	23.7	35.5



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



#6

Aniline

Concen: 28.336 ng

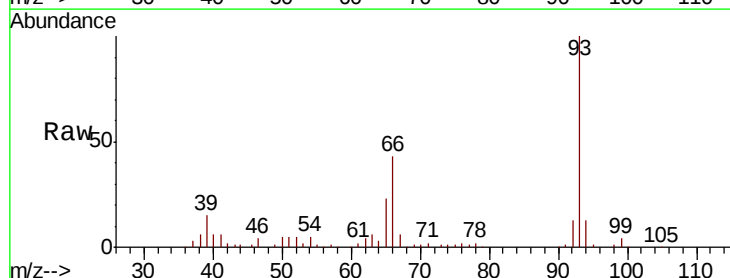
RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

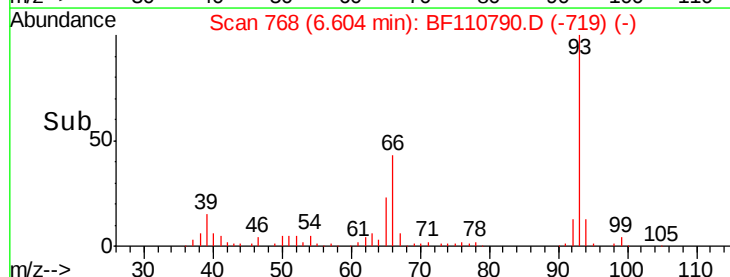
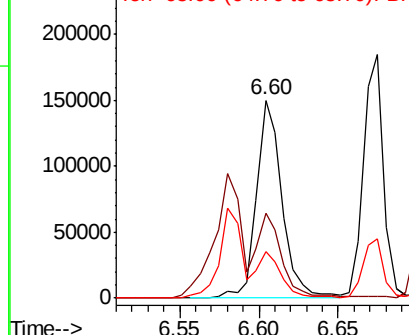
Lab File: BF110790.D

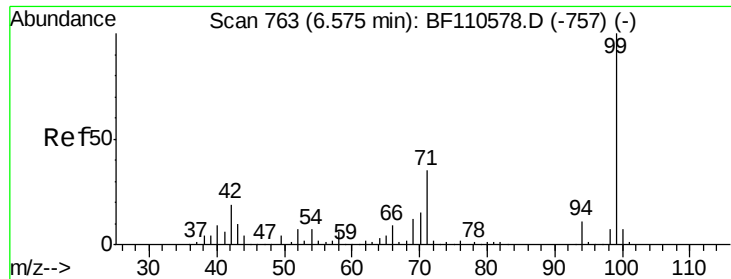
Acq: 15 Nov 2018 16:05

Tgt Ion:	93	Resp:	169482
Ion	Ratio	Lower	Upper
93	100		
66	43.0	67.4	101.0#
65	23.2	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: 136.002 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

Instrument :

BNA_F

ClientSampleId :

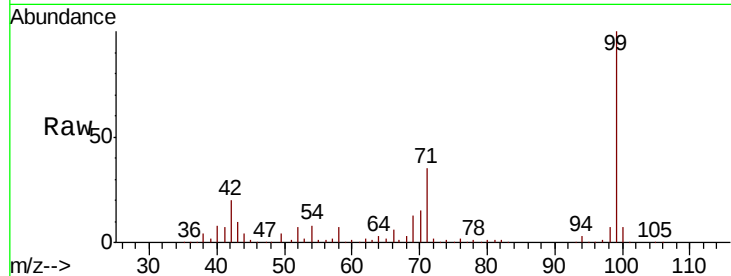
Tot Ion: 99 Resp: 623773

Ion Ratio Lower Upper

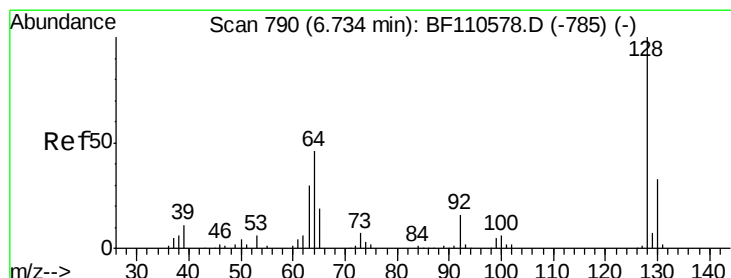
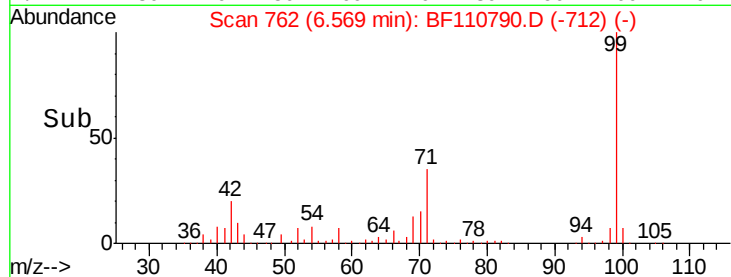
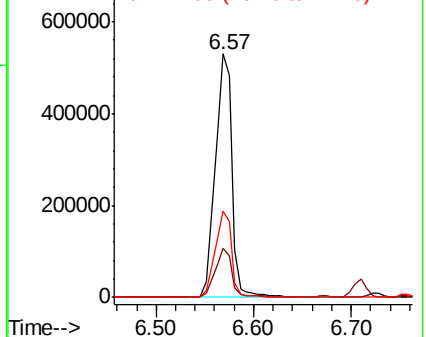
99 100

42 20.0 15.8 23.6

71 35.5 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: 41.617 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

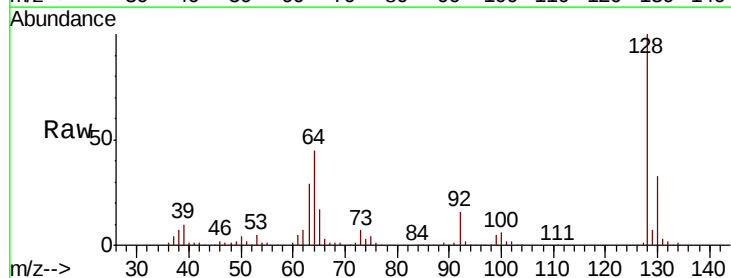
Tgt Ion: 128 Resp: 174984

Ion Ratio Lower Upper

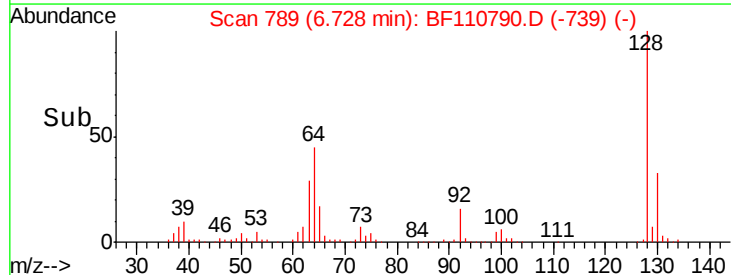
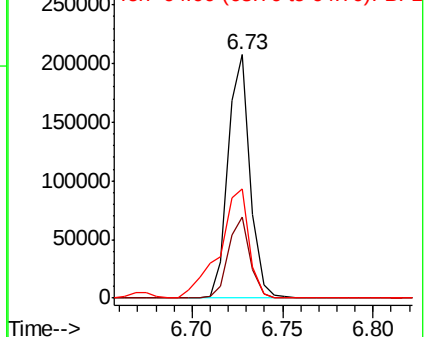
128 100

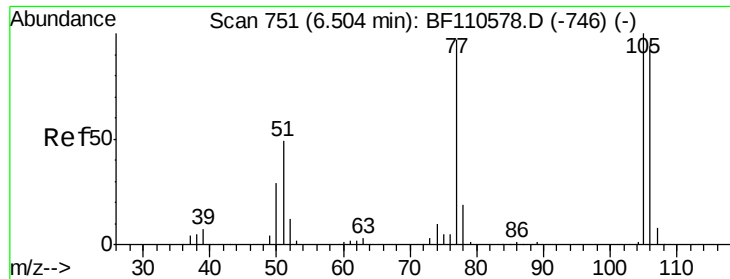
130 33.3 13.1 53.1

64 45.1 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: 35.502 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

Instrument :

BNA_F

ClientSampled :

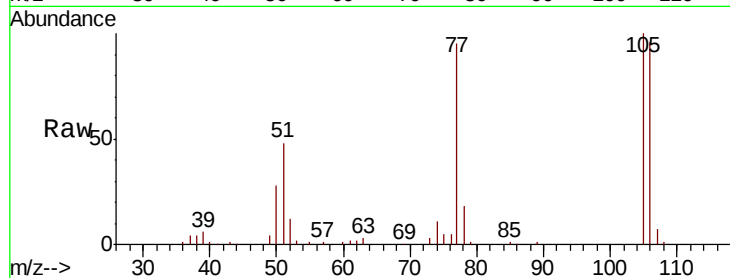
Tot Ion: 77 Resp: 90080

Ion Ratio Lower Upper

77 100

105 105.2 78.6 118.6

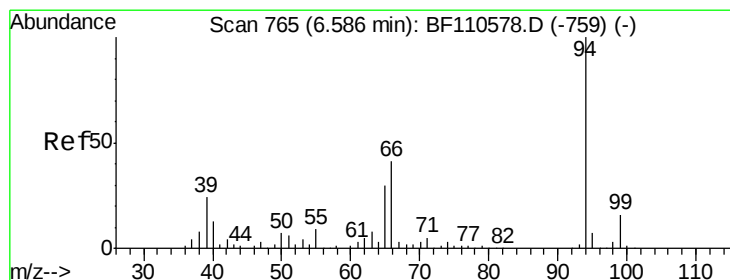
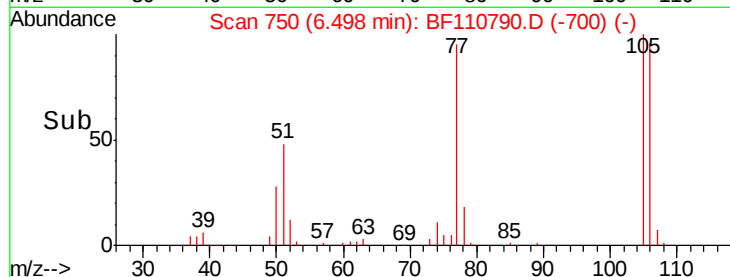
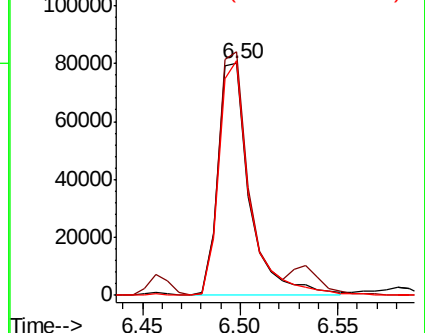
106 101.1 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 41.874 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

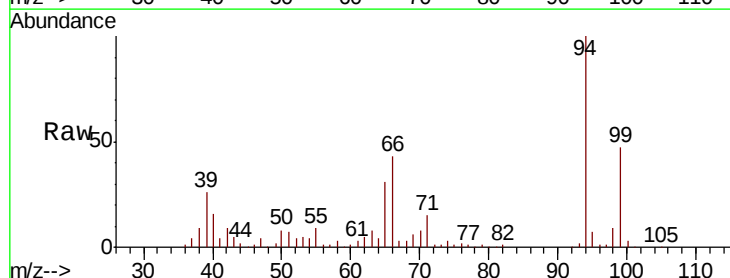
Tgt Ion: 94 Resp: 222696

Ion Ratio Lower Upper

94 100

65 30.9 25.3 65.3

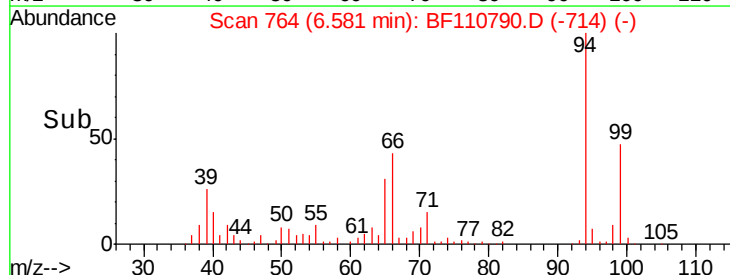
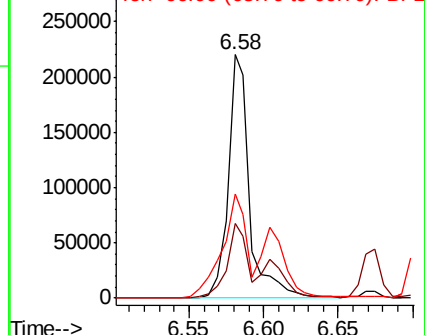
66 42.9 54.5 94.5#

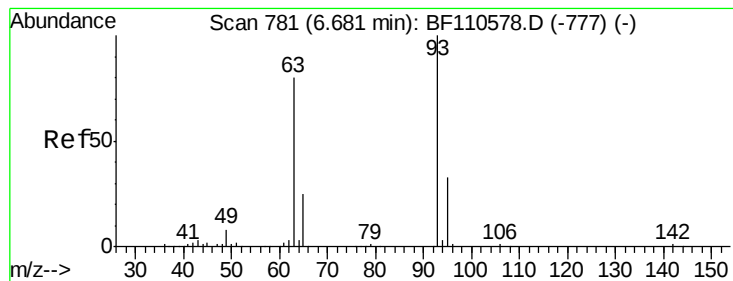


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.619 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

Instrument :

BNA_F

ClientSampleId :

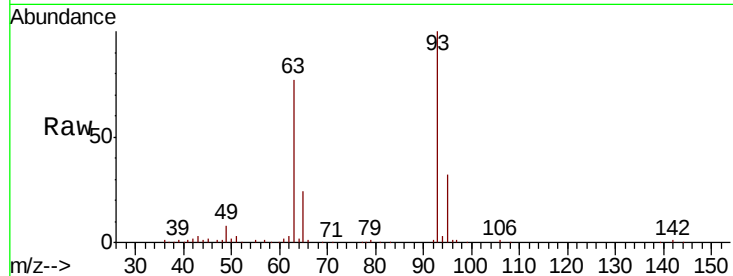
Tot Ion: 93 Resp: 161894

Ion Ratio Lower Upper

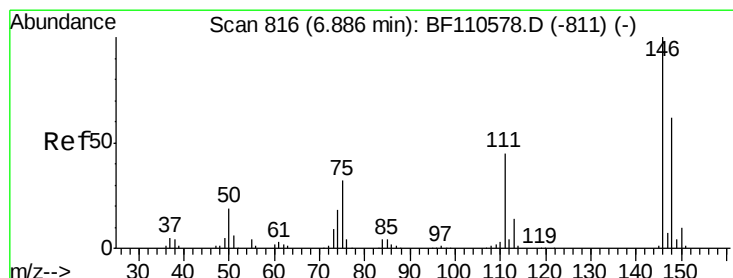
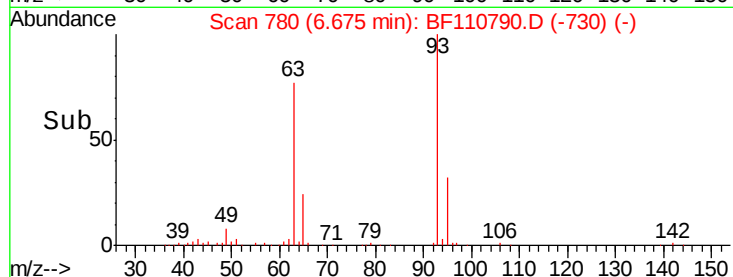
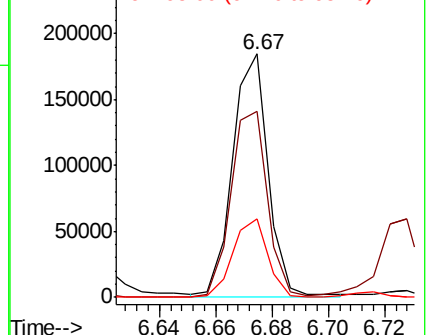
93 100

63 76.6 53.4 93.4

95 32.5 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: 39.572 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

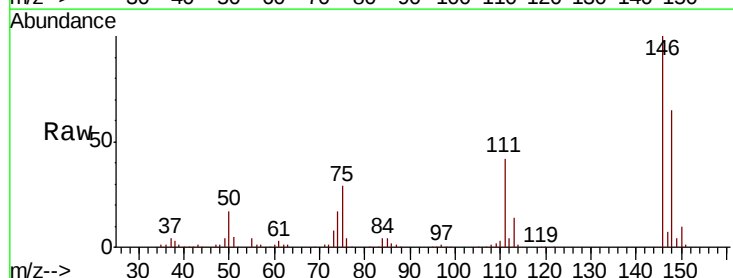
Tgt Ion: 146 Resp: 182052

Ion Ratio Lower Upper

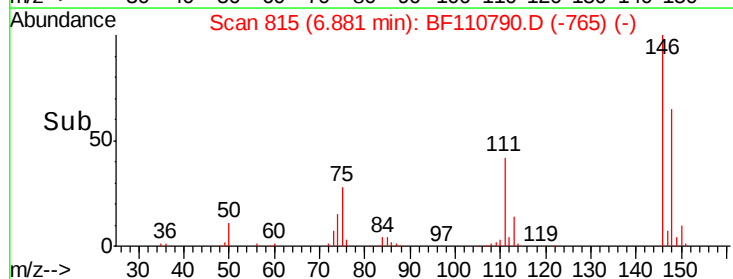
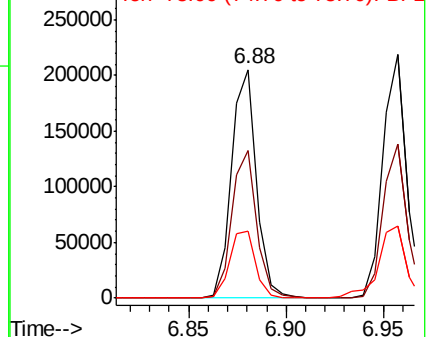
146 100

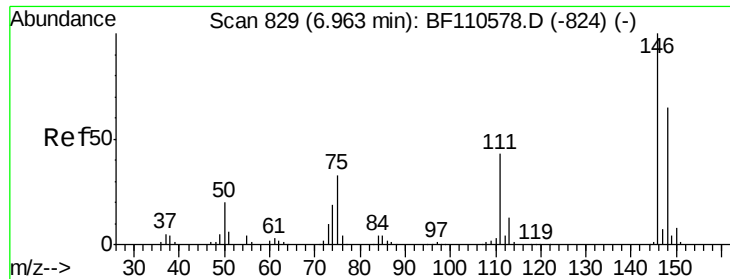
148 64.8 50.4 75.6

75 29.1 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

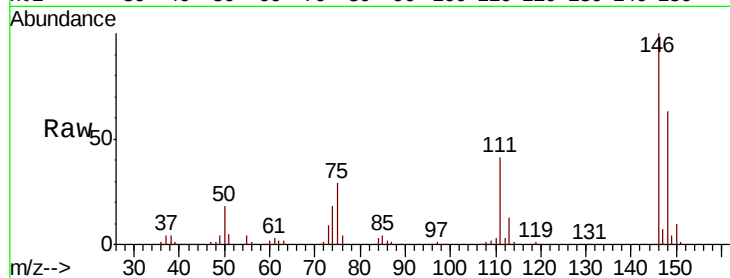




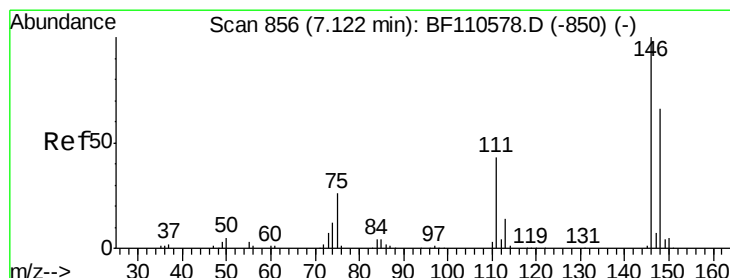
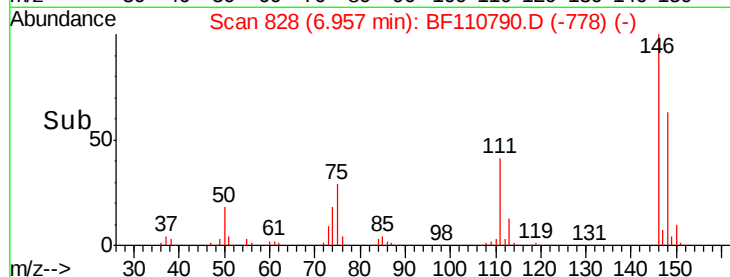
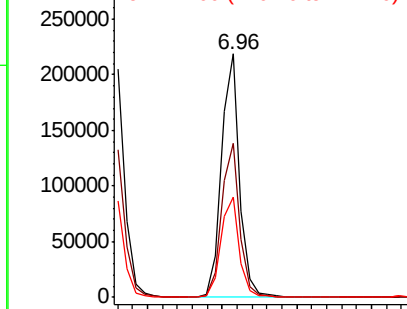
#13
 1,4-Dichlorobenzene
 Concen: 39.942 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF110790.D
 Acq: 15 Nov 2018 16:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 186593
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.3 75.5
 111 41.4 32.7 49.1

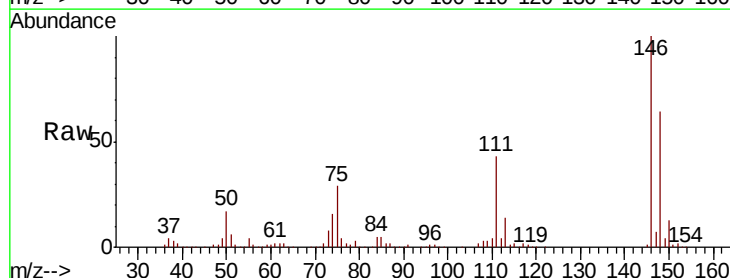


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

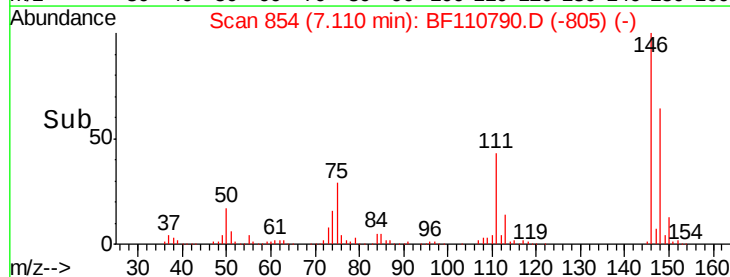
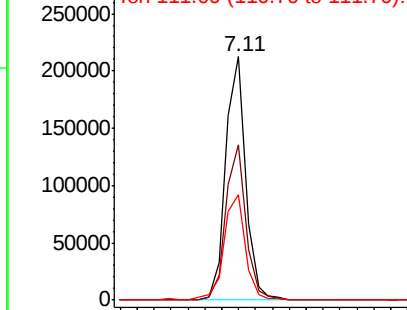


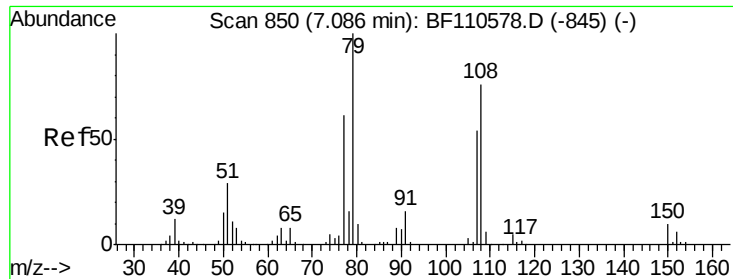
#14
 1,2-Dichlorobenzene
 Concen: 40.196 ng
 RT: 7.11 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF110790.D
 Acq: 15 Nov 2018 16:05

Tgt Ion:146 Resp: 174686
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.1 76.7
 111 43.4 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

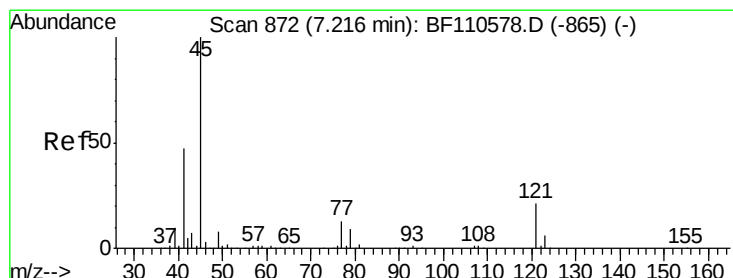
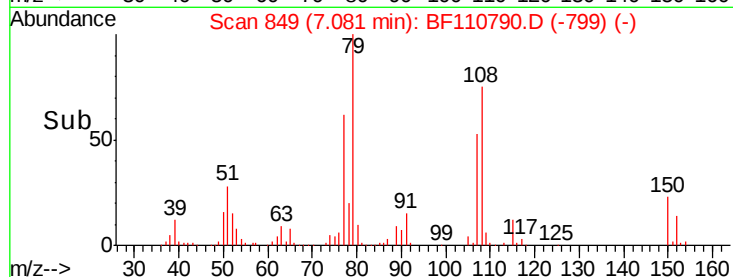
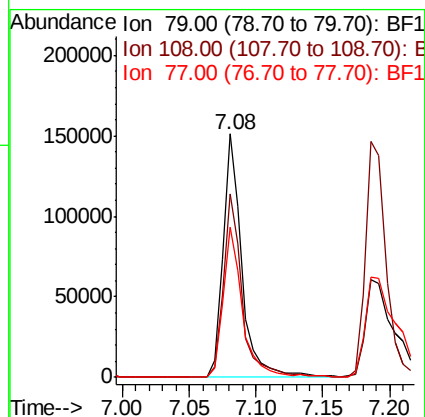
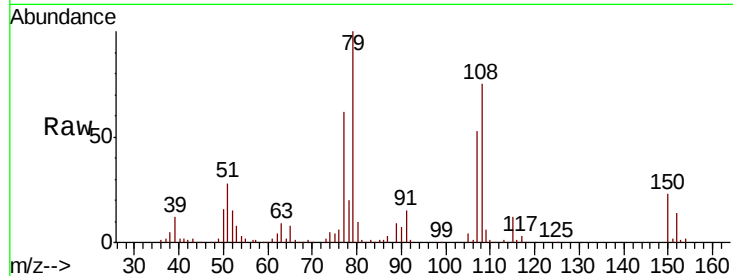




#15
Benzyl Alcohol
Concen: 41.820 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

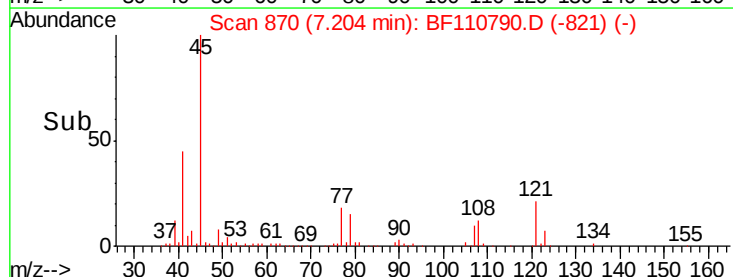
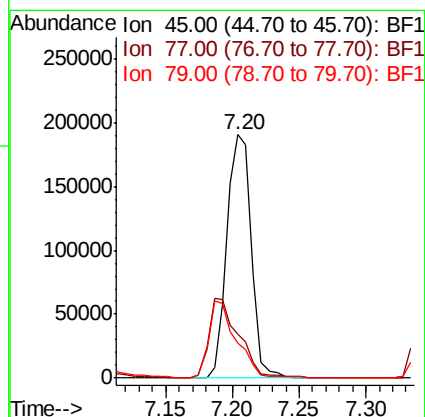
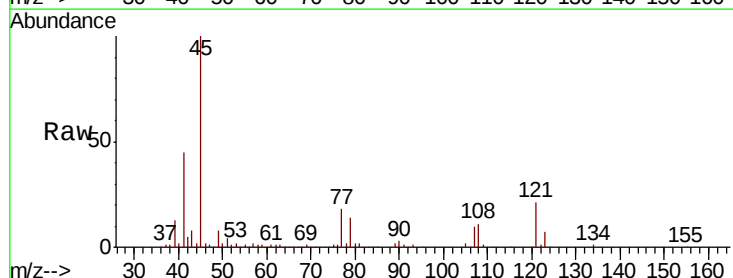
Instrument :
BNA_F
ClientSampled :

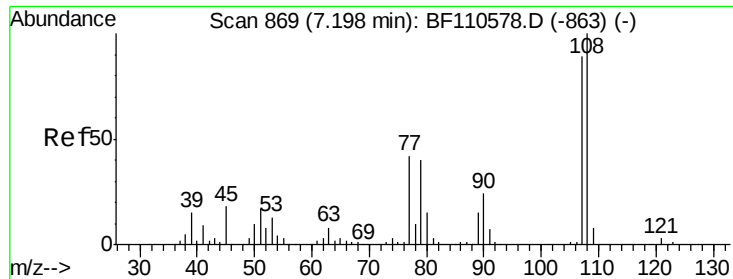
Tot Ion: 79 Resp: 150102
Ion Ratio Lower Upper
79 100
108 75.3 56.3 84.5
77 61.7 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.431 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Tgt Ion: 45 Resp: 246802
Ion Ratio Lower Upper
45 100
77 17.8 10.0 50.0
79 14.5 6.1 46.1

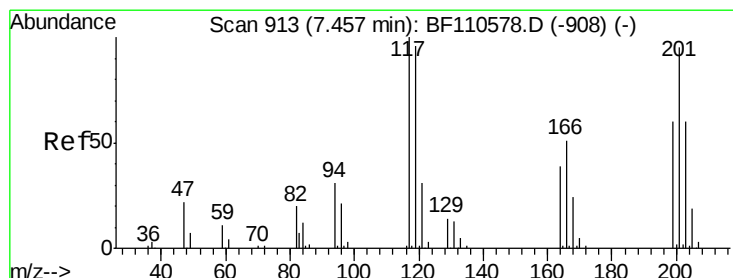
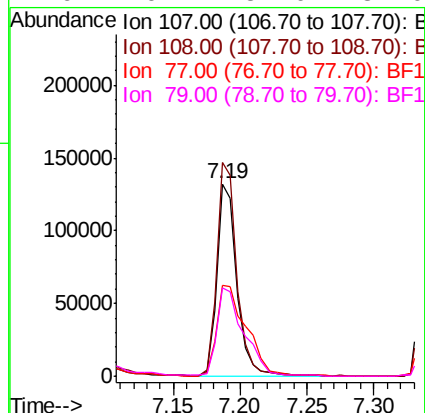
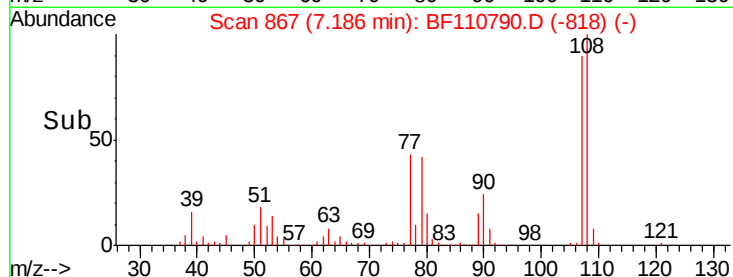
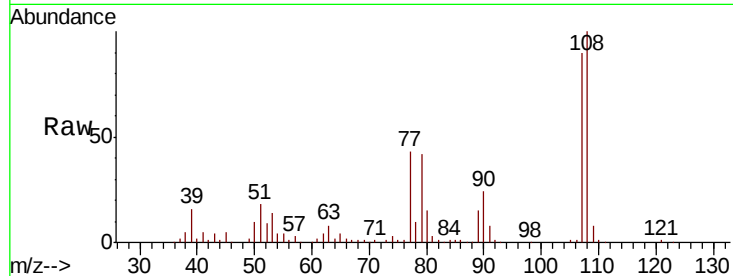




#17
2-Methylphenol
Concen: 41.844 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

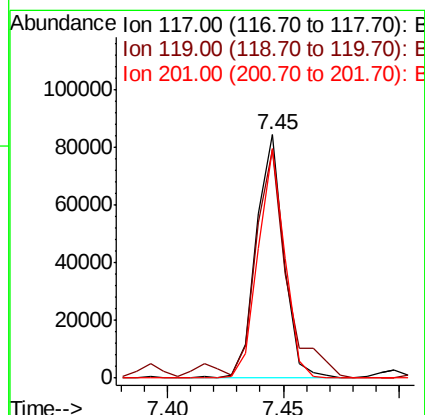
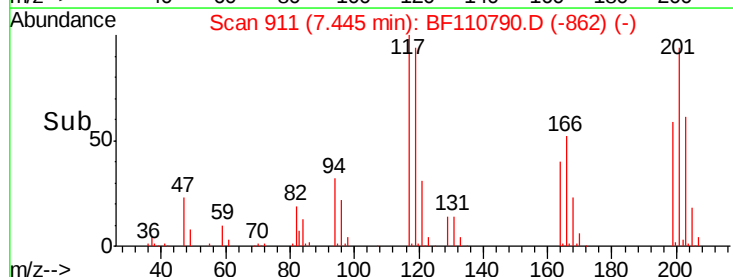
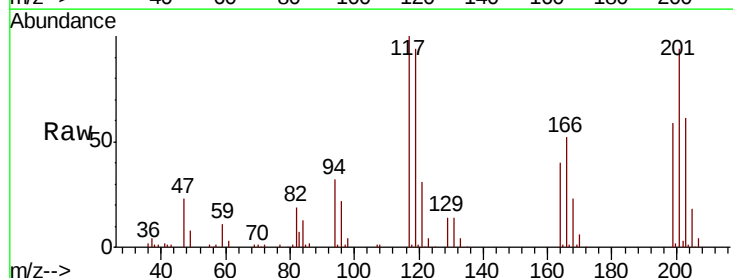
Instrument :
BNA_F
ClientSampleId :

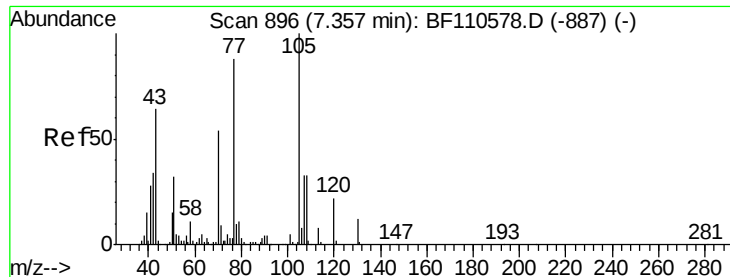
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	92.6	138.8
77	47.4	59.4	89.2#
79	46.1	54.0	81.0#



#18
Hexachloroethane
Concen: 40.810 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.0	112.6
201	94.2	79.2	118.8

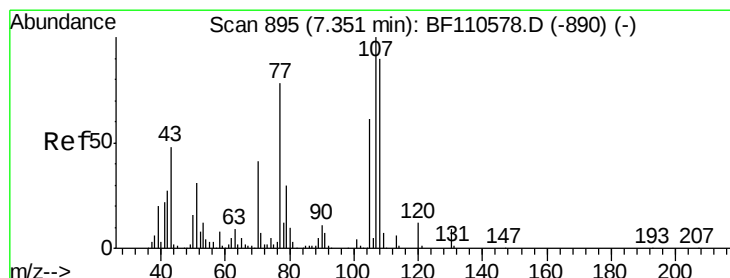
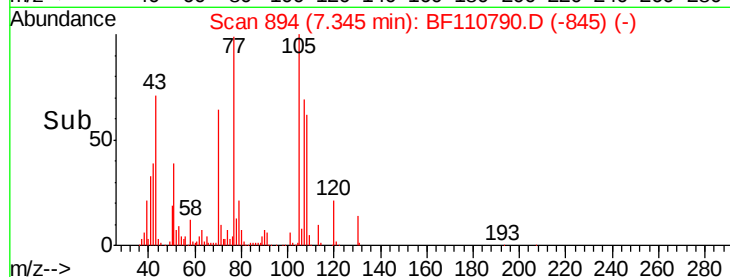
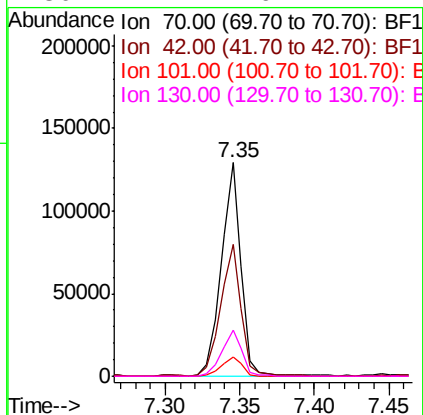
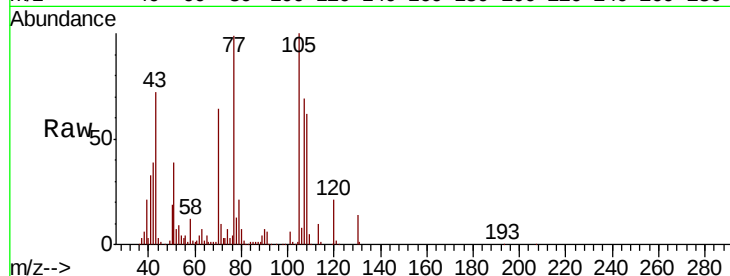




#19
n-Nitroso-di-n-propylamine
Concen: 41.277 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

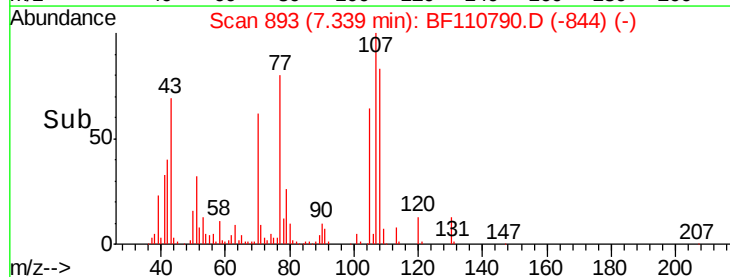
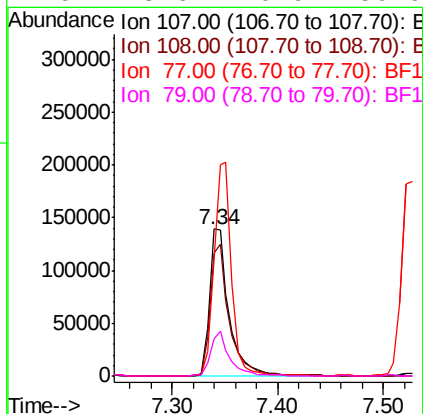
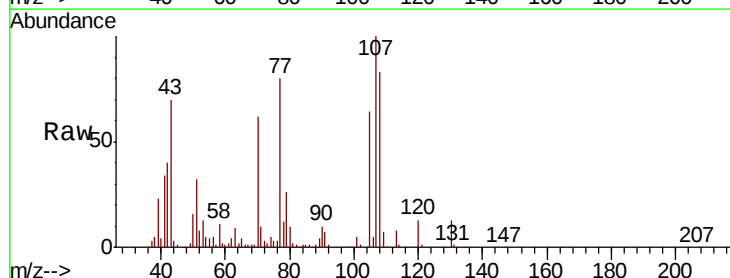
Instrument :
BNA_F
ClientSampleId :

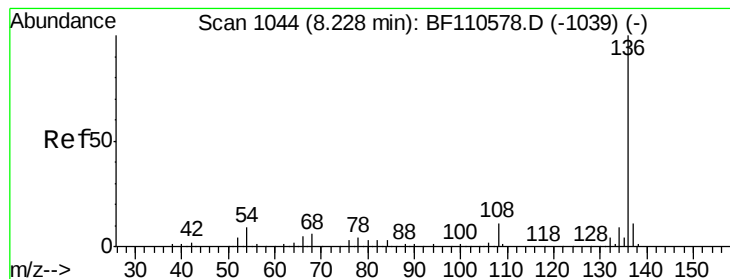
Tot Ion:	70	Resp:	120848
Ion	Ratio	Lower	Upper
70	100		
42	61.6	47.4	71.2
101	9.1	7.3	10.9
130	21.7	16.2	24.2



#20
3+4-Methylphenols
Concen: 42.016 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Tgt Ion:	107	Resp:	180484
Ion	Ratio	Lower	Upper
107	100		
108	83.4	71.4	111.4
77	79.6	47.3	87.3
79	25.6	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 239536

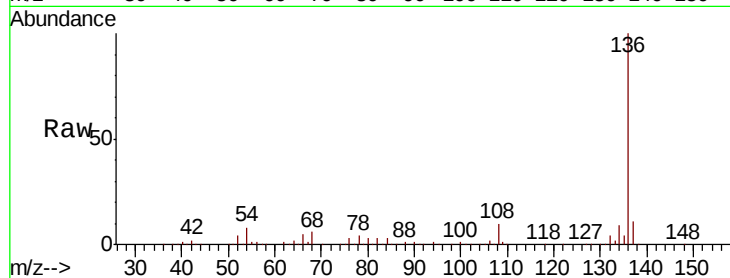
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.7 5.4 8.2

68 5.6 4.2 6.2

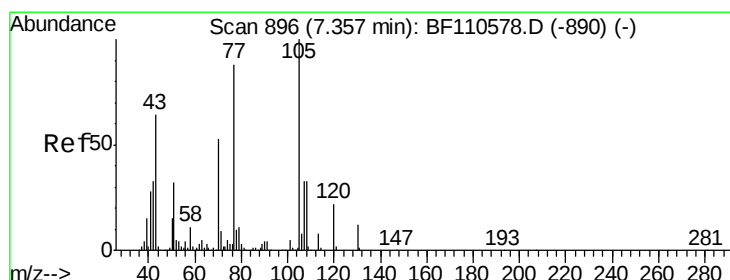
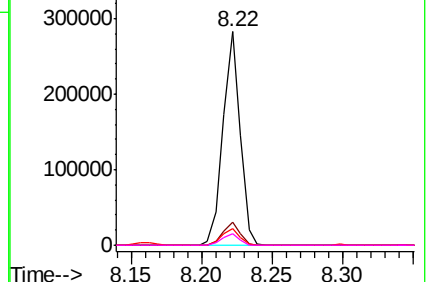
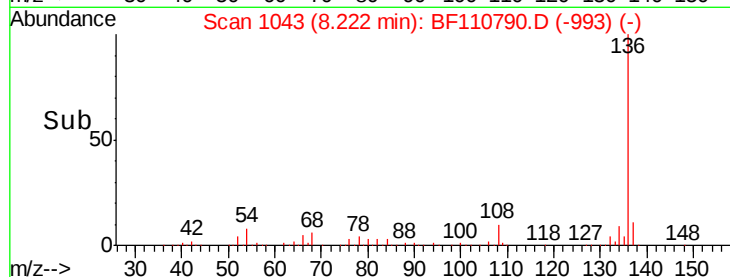


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.277 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

Tgt Ion:105 Resp: 241594

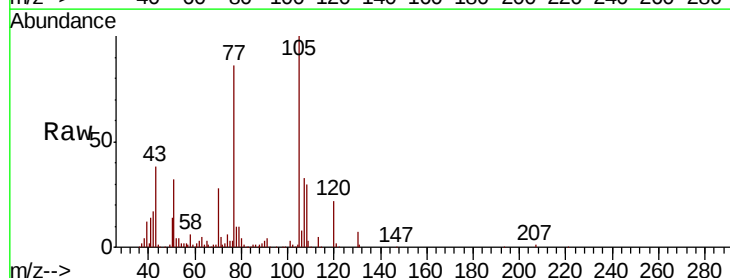
Ion Ratio Lower Upper

105 100

71 4.9 5.2 7.8#

51 32.0 21.8 32.8

120 22.4 17.0 25.4

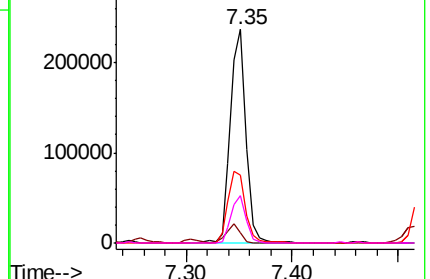
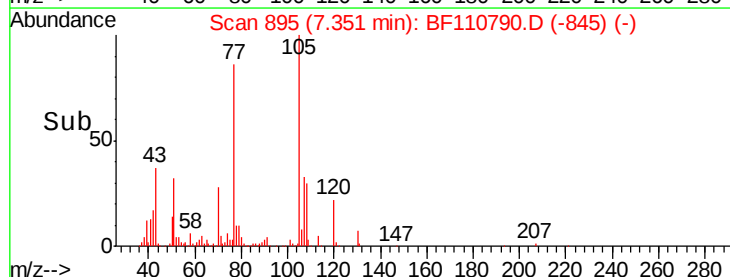


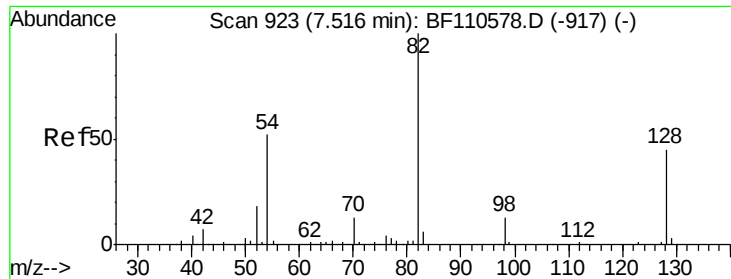
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

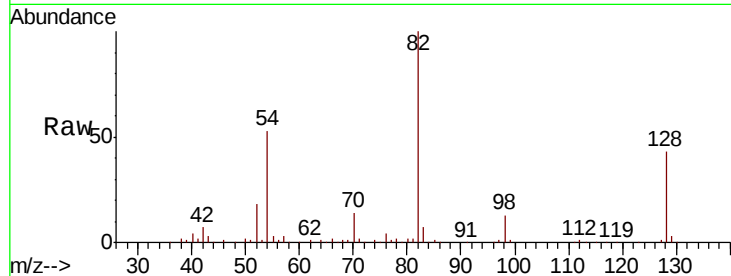




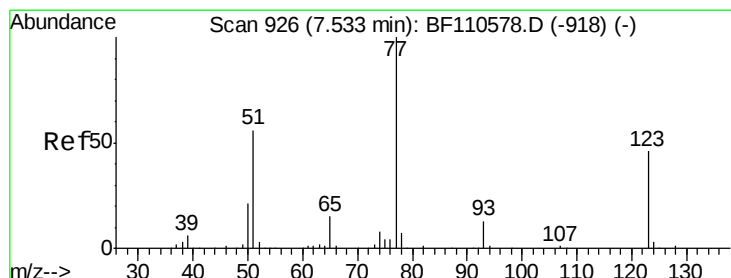
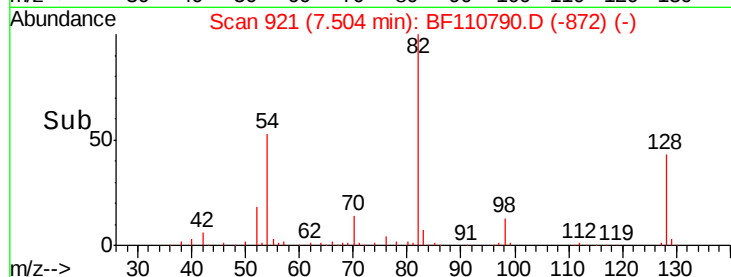
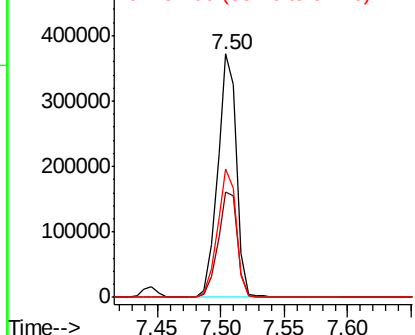
#23
Nitrobenzene-d5
Concen: 92.920 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	386490
Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.2	51.2
54	52.9	38.6	58.0

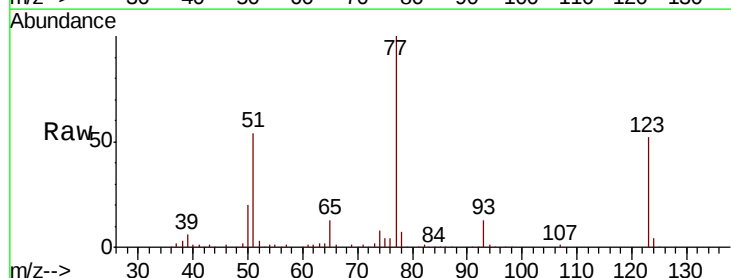


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

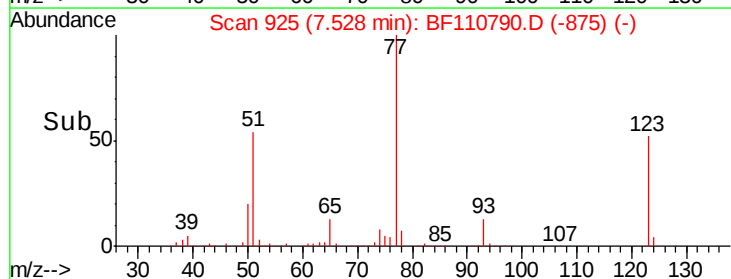
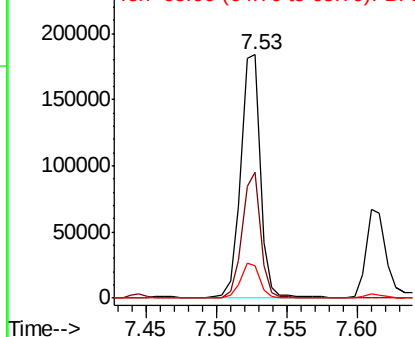


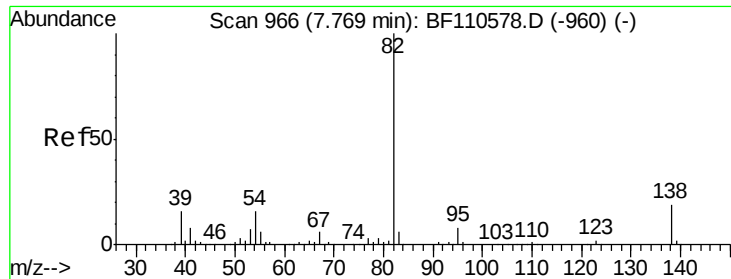
#24
Nitrobenzene
Concen: 41.924 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Tgt Ion	77	Resp	178659
Ion	Ratio	Lower	Upper
77	100		
123	51.7	35.7	53.5
65	13.3	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: 47.252 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

Instrument :

BNA_F

ClientSampleId :

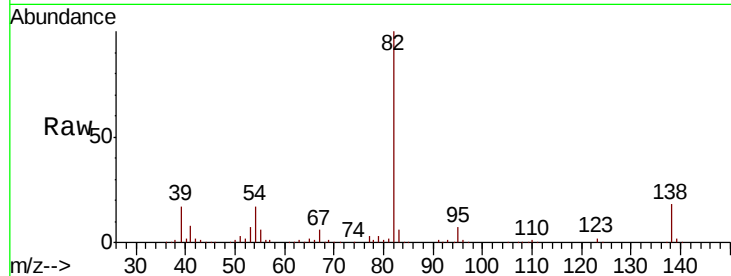
Tot Ion: 82 Resp: 322130

Ion Ratio Lower Upper

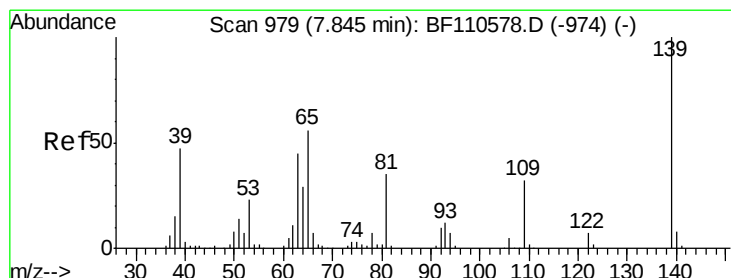
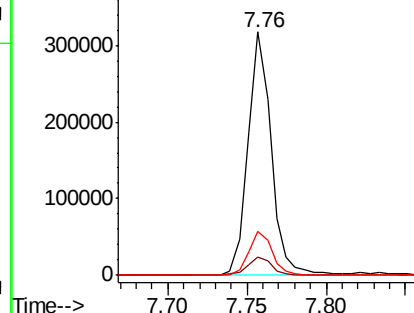
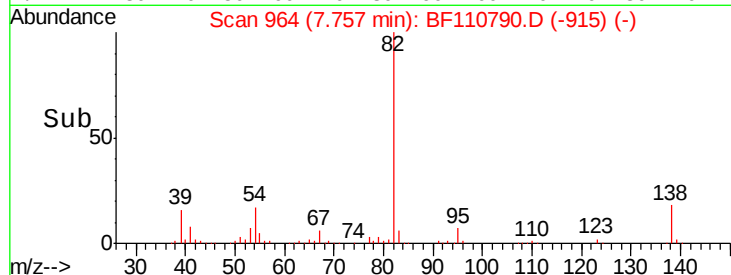
82 100

95 7.4 5.7 8.5

138 18.1 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: 44.034 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

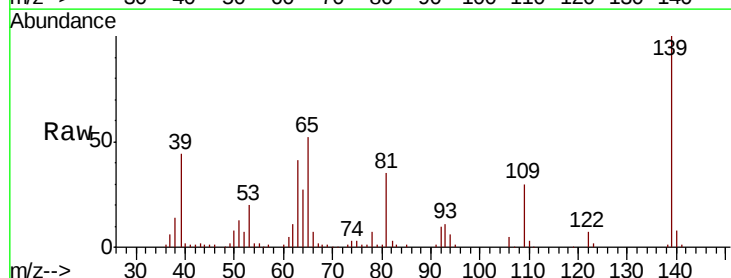
Tgt Ion: 139 Resp: 93615

Ion Ratio Lower Upper

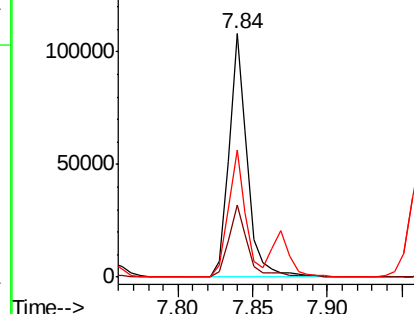
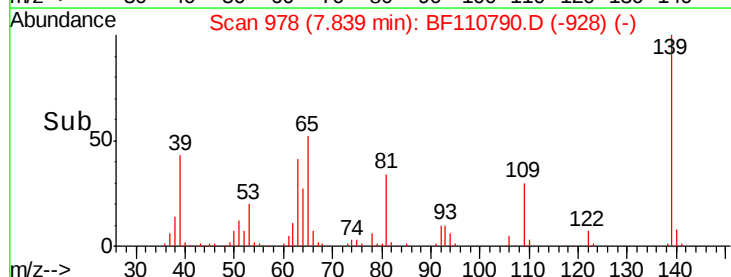
139 100

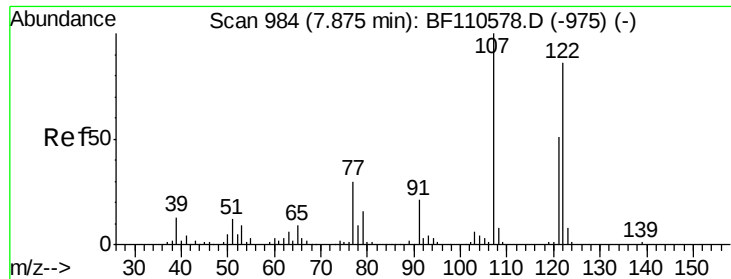
109 29.7 25.0 37.6

65 52.4 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

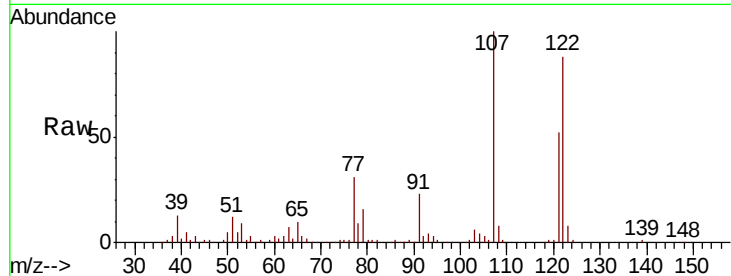




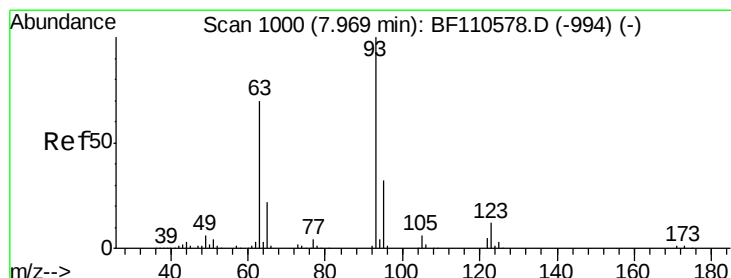
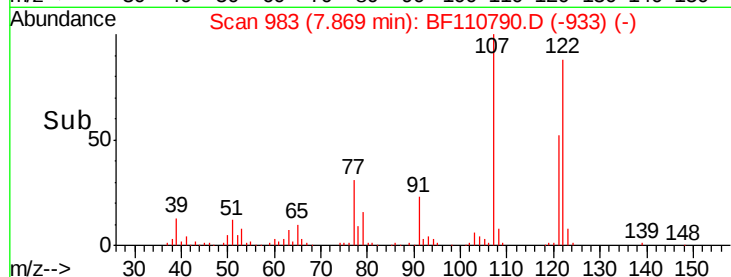
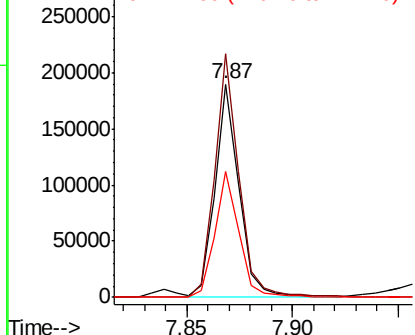
#27
2,4-Dimethylphenol
Concen: 46.656 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 151060
Ion Ratio Lower Upper
122 100
107 114.2 92.5 138.7
121 59.0 45.8 68.8

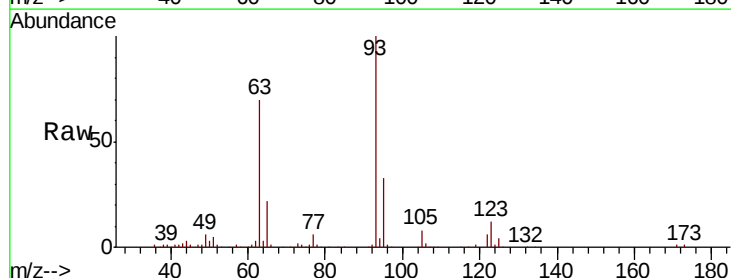


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

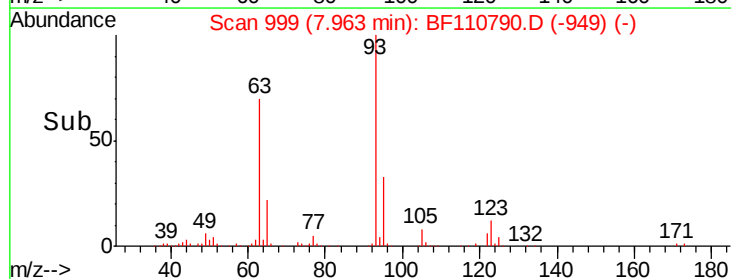
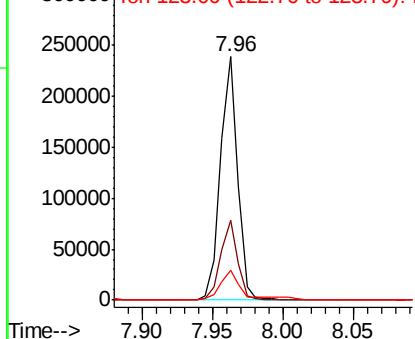


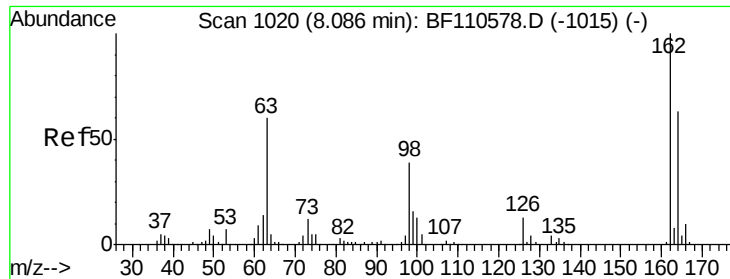
#28
bis(2-Chloroethoxy)methane
Concen: 44.086 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Tgt Ion: 93 Resp: 203489
Ion Ratio Lower Upper
93 100
95 32.8 26.4 39.6
123 12.0 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

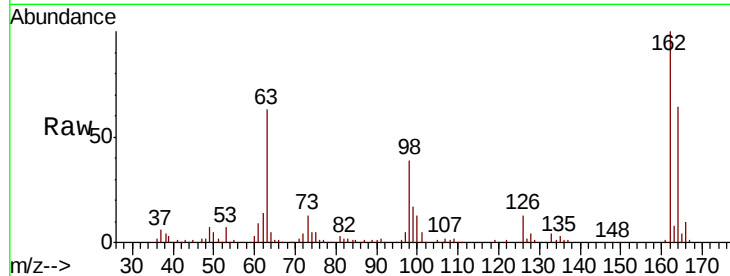




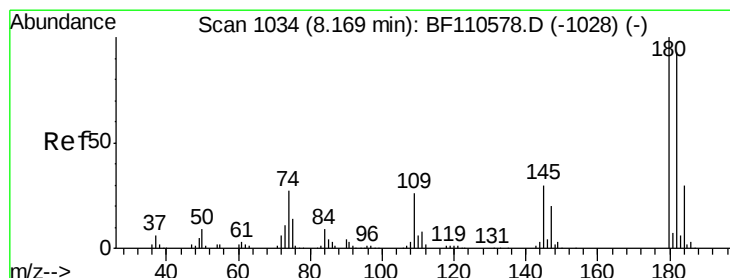
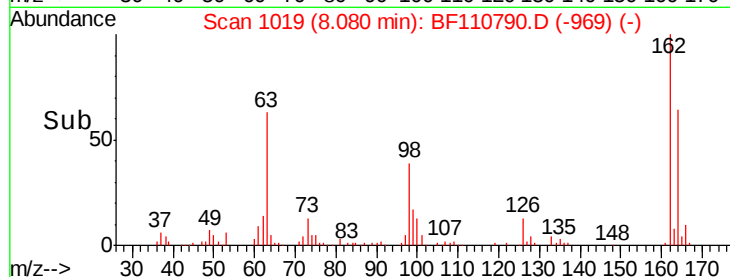
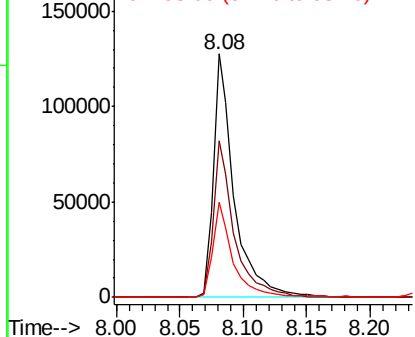
#29
 2,4-Dichlorophenol
 Concen: 44.268 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF110790.D
 Acq: 15 Nov 2018 16:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 147481
 Ion Ratio Lower Upper
 162 100
 164 64.1 44.6 84.6
 98 38.8 17.4 57.4

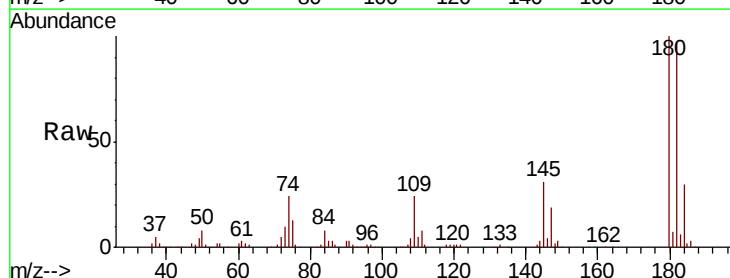


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

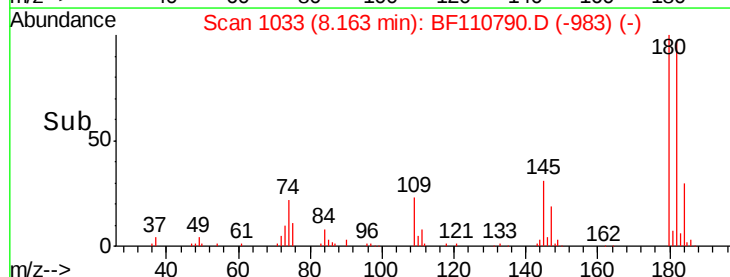
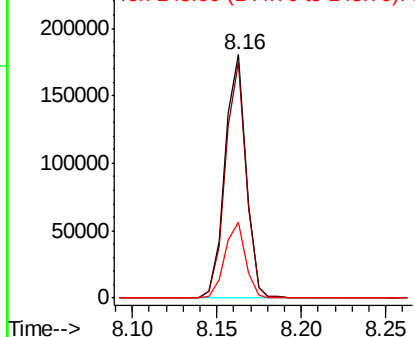


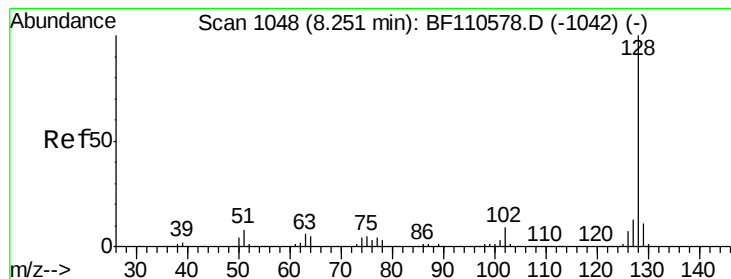
#30
 1,2,4-Trichlorobenzene
 Concen: 41.835 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF110790.D
 Acq: 15 Nov 2018 16:05

Tgt Ion:180 Resp: 157144
 Ion Ratio Lower Upper
 180 100
 182 96.8 80.3 120.5
 145 31.3 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: 48.658 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

Instrument :

BNA_F

ClientSampleId :

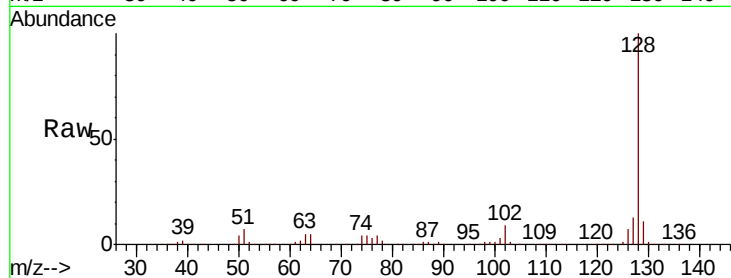
Tot Ion:128 Resp: 547160

Ion Ratio Lower Upper

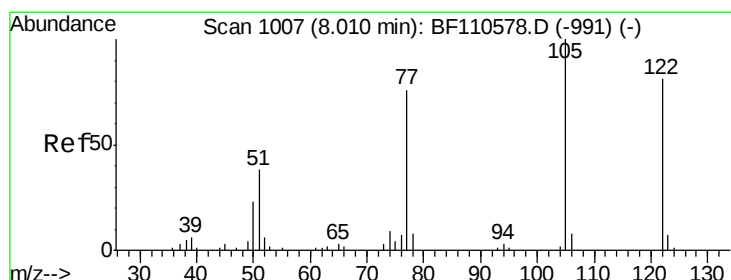
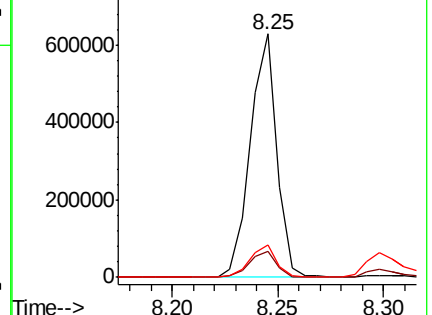
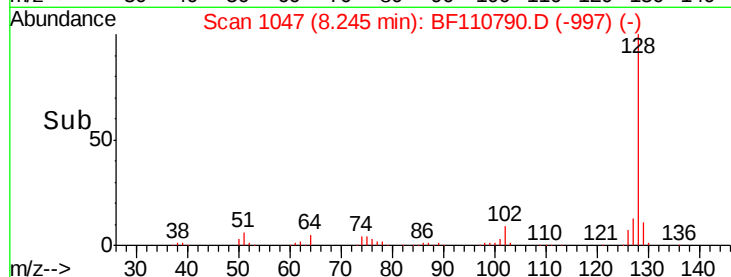
128 100

129 10.7 8.8 13.2

127 13.2 10.8 16.2



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



#32

Benzoic acid

Concen: 42.404 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

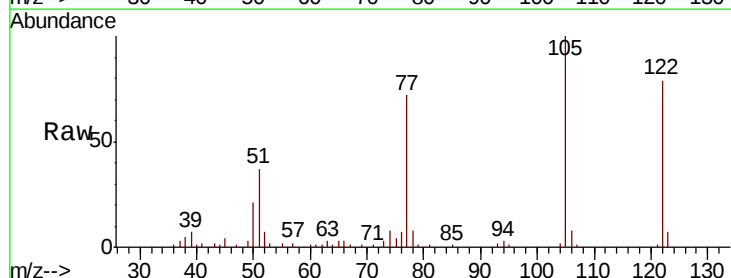
Tgt Ion:122 Resp: 97140

Ion Ratio Lower Upper

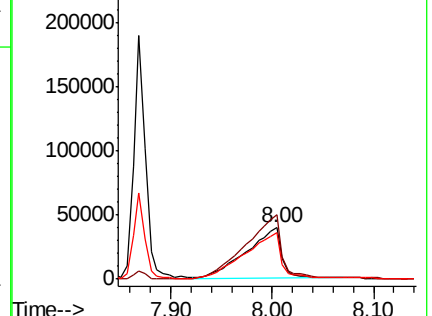
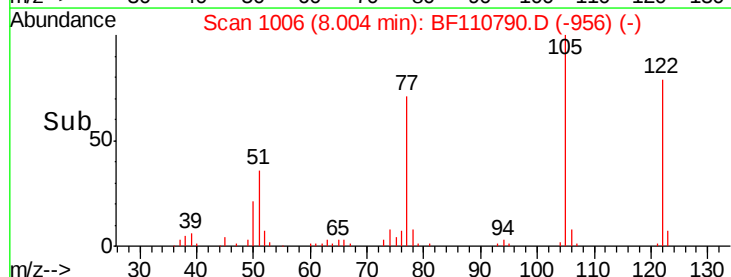
122 100

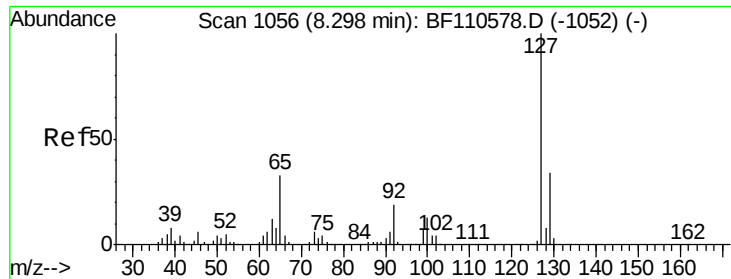
105 126.3 109.0 149.0

77 91.5 79.0 119.0



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

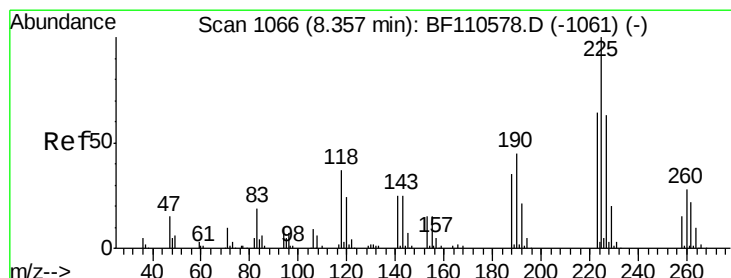
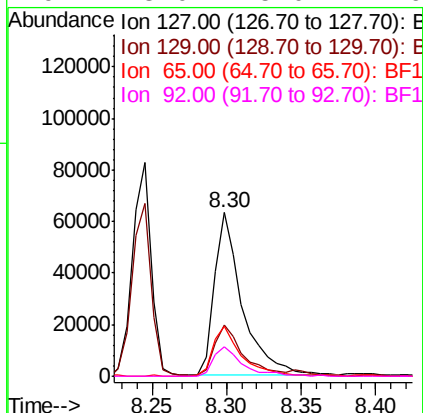
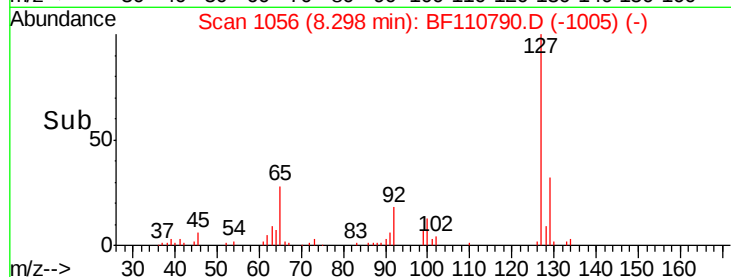
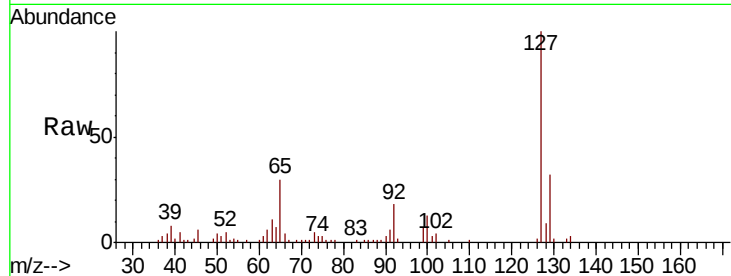




#33
4-Chloroaniline
Concen: 16.247 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

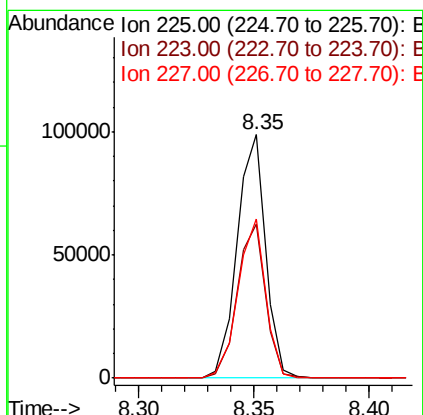
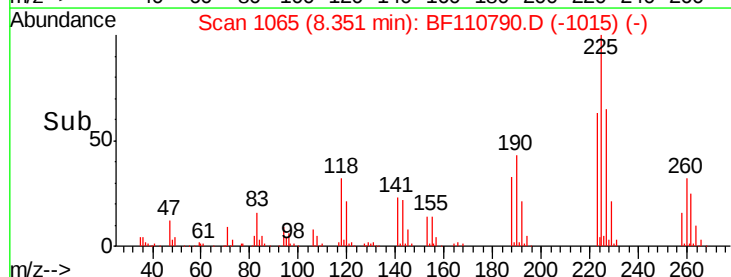
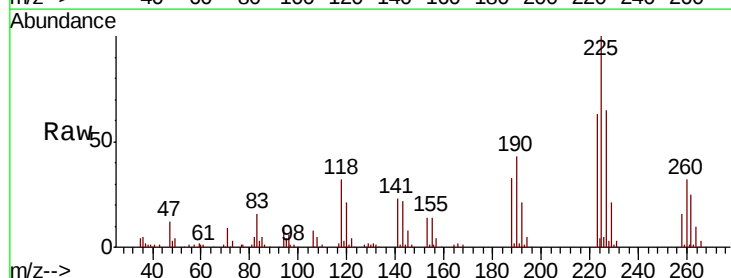
Instrument :
BNA_F
ClientSampleId :

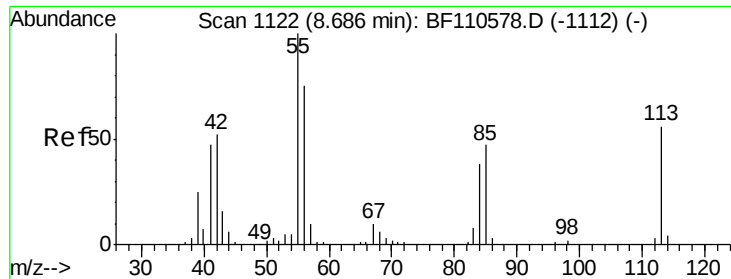
Tot Ion:	127	Resp:	82755
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.0	39.0
65	30.3	25.1	37.7
92	18.0	15.0	22.6



#34
Hexachlorobutadiene
Concen: 39.712 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Tgt Ion:	225	Resp:	85201
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.4	77.2
227	65.2	51.0	76.6

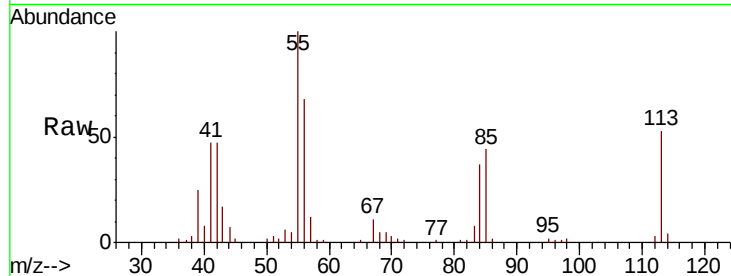




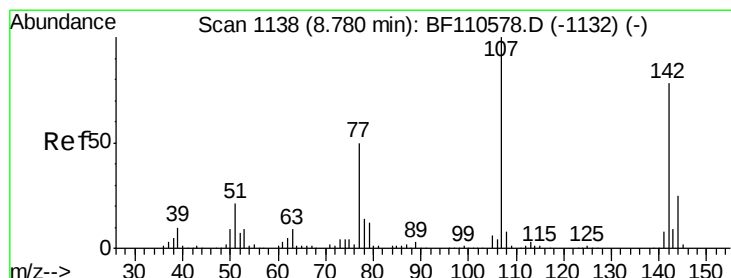
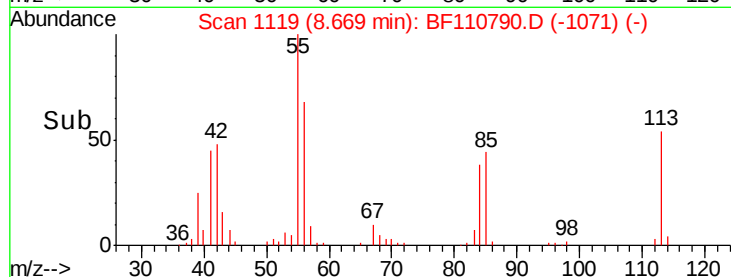
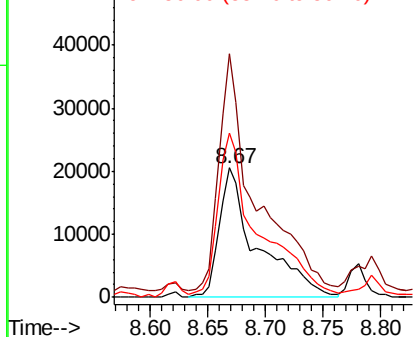
#35
 Caprolactam
 Concen: 42.450 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BF110790.D
 Acq: 15 Nov 2018 16:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 47249
 Ion Ratio Lower Upper
 113 100
 55 188.4 142.8 182.8#
 56 127.6 105.0 145.0

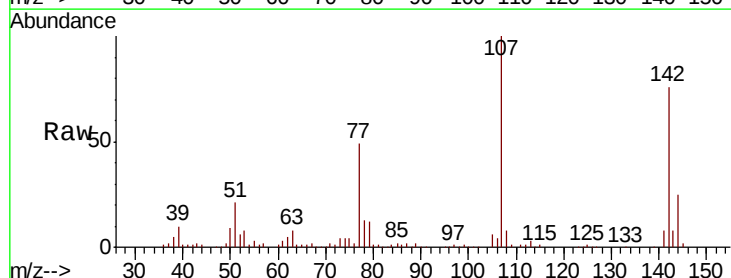


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

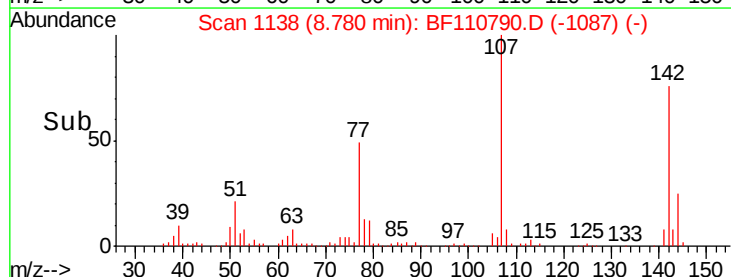
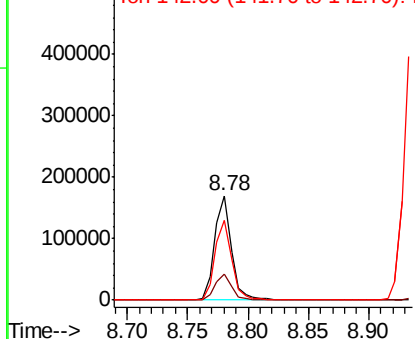


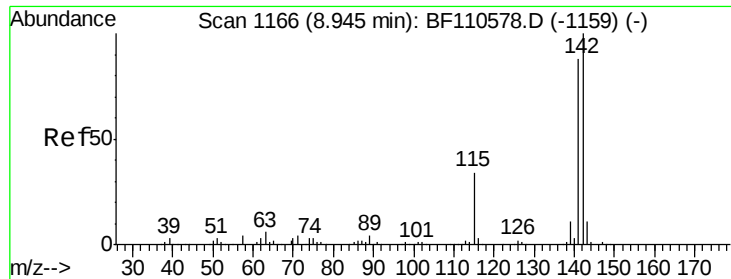
#36
 4-Chloro-3-methylphenol
 Concen: 44.771 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF110790.D
 Acq: 15 Nov 2018 16:05

Tgt Ion:107 Resp: 160864
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.0 30.0
 142 76.2 59.7 89.5



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

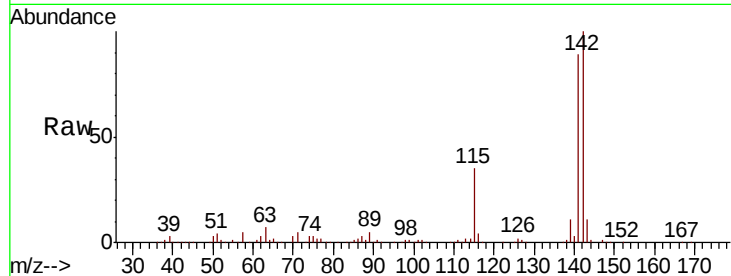




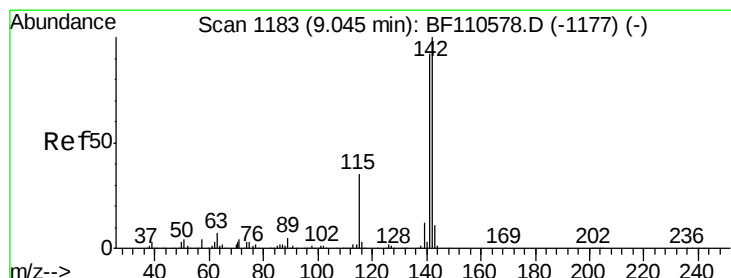
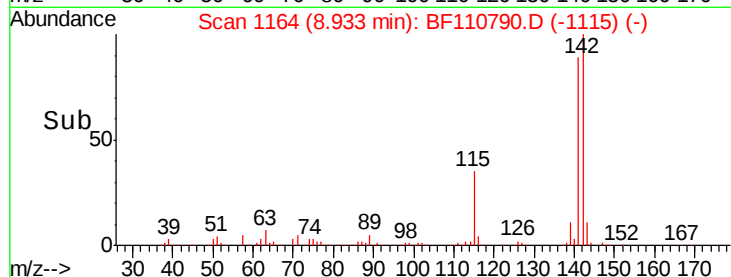
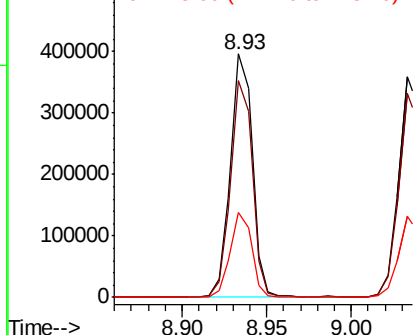
#37
2-Methylnaphthalene
Concen: 48.575 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 358076
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.2
115 35.0 28.7 43.1

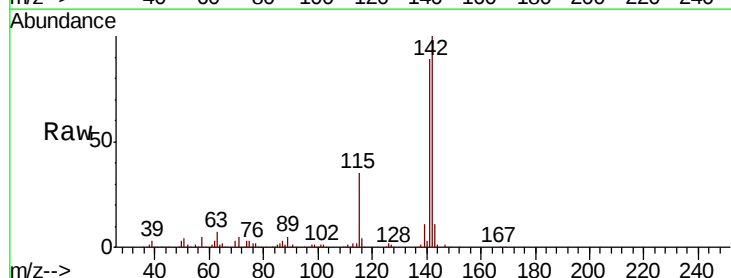


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

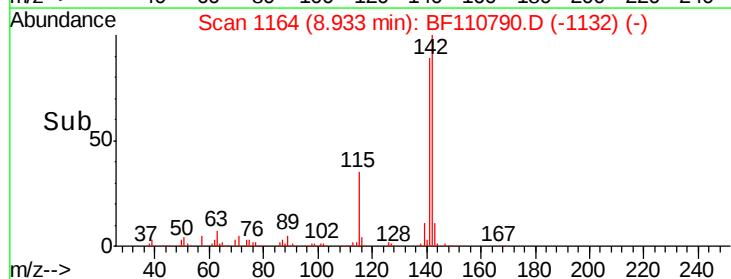
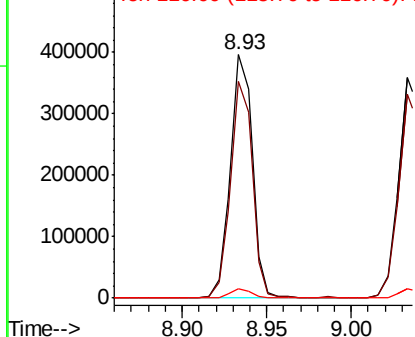


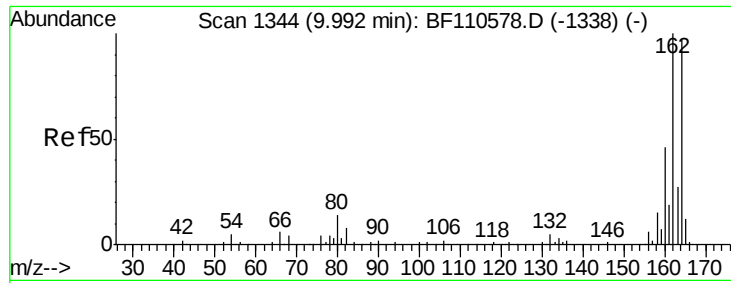
#38
1-Methylnaphthalene
Concen: 50.509 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.11 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Tgt Ion:142 Resp: 358076
Ion Ratio Lower Upper
142 100
141 89.0 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

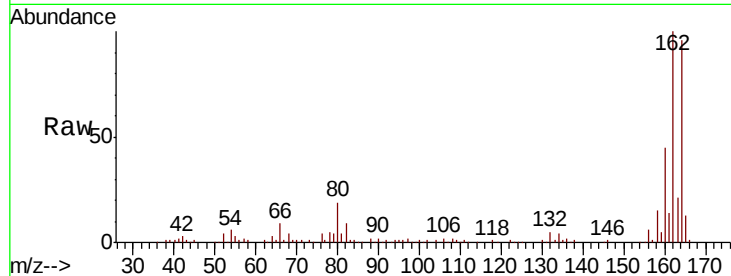




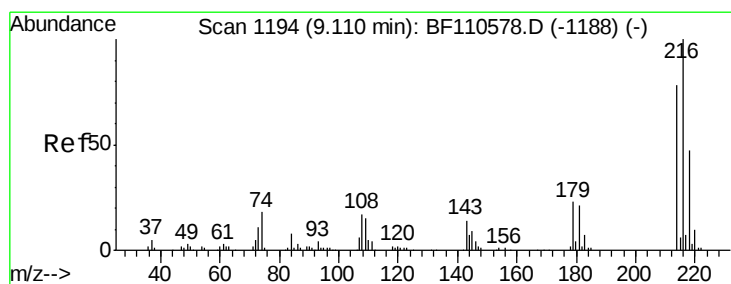
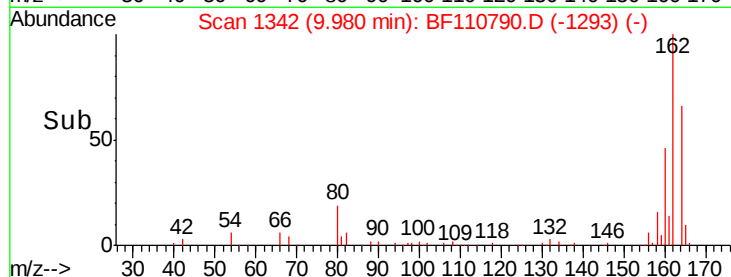
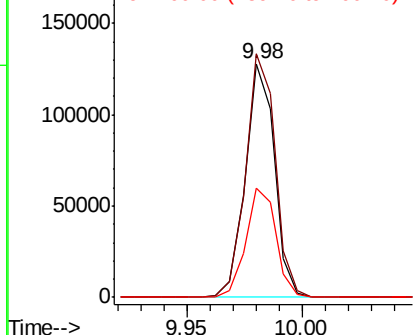
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 113015
Ion Ratio Lower Upper
164 100
162 104.2 83.0 124.6
160 47.0 37.0 55.6

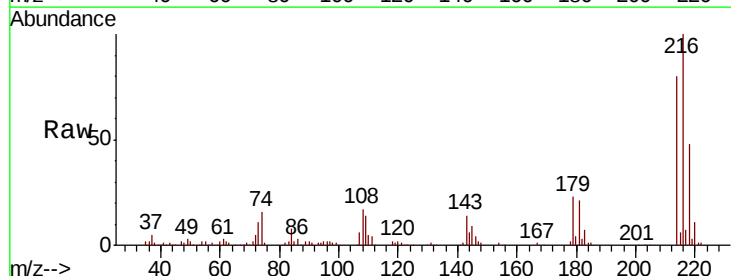


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

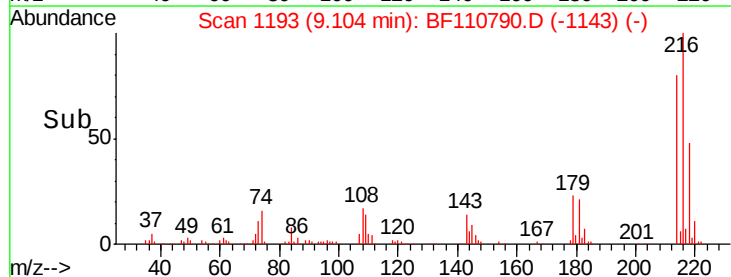
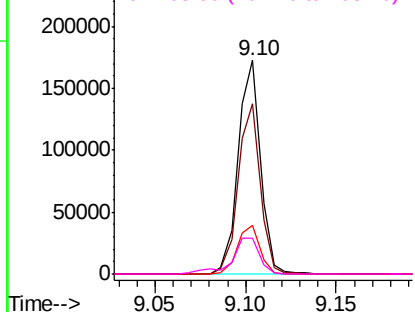


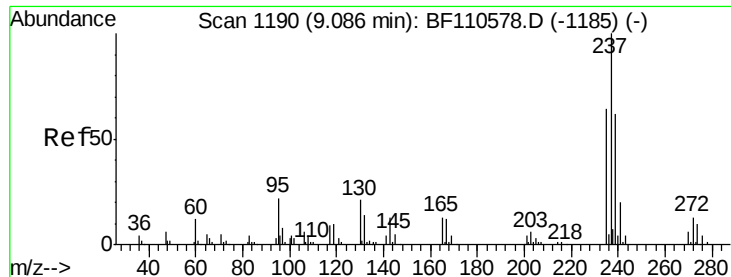
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.307 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Tgt Ion:216 Resp: 147771
Ion Ratio Lower Upper
216 100
214 79.3 63.8 95.6
179 23.0 16.6 25.0
108 20.6 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: 65.330 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

Instrument :

BNA_F

ClientSampleId :

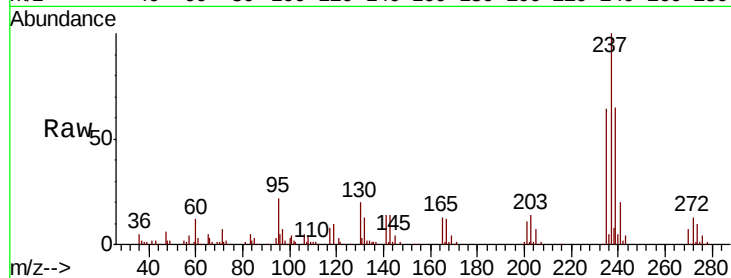
Tot Ion:237 Resp: 88950

Ion Ratio Lower Upper

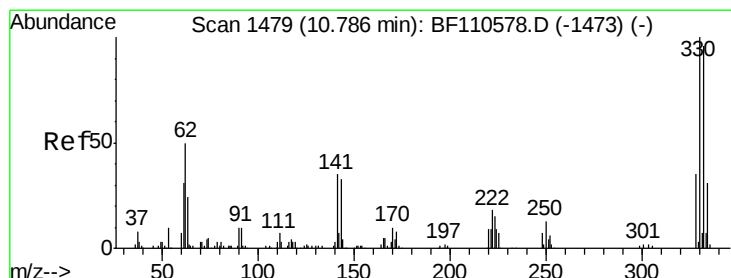
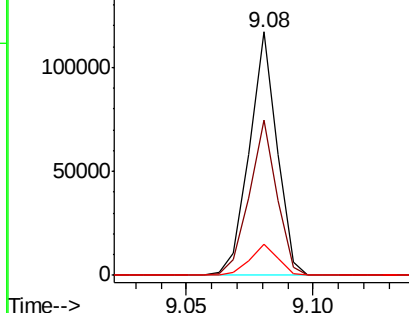
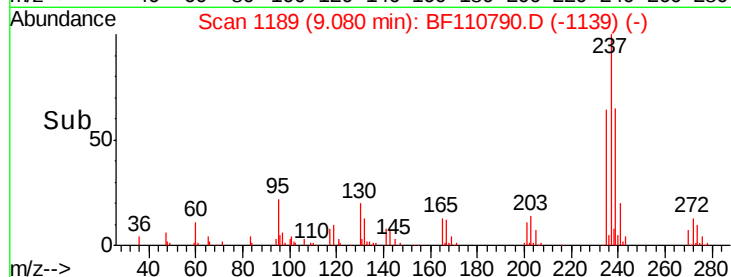
237 100

235 63.7 43.1 83.1

272 12.6 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: 139.749 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

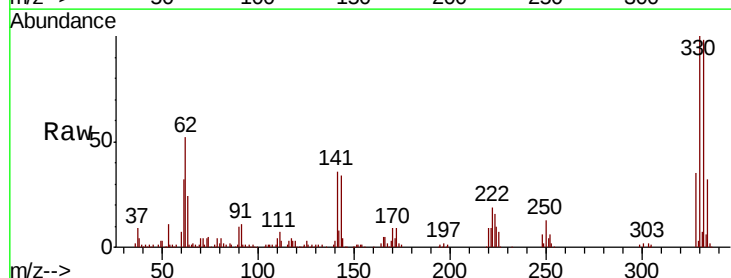
Tgt Ion:330 Resp: 159142

Ion Ratio Lower Upper

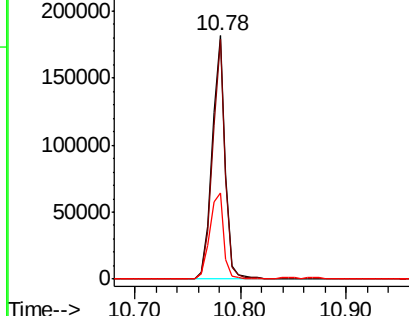
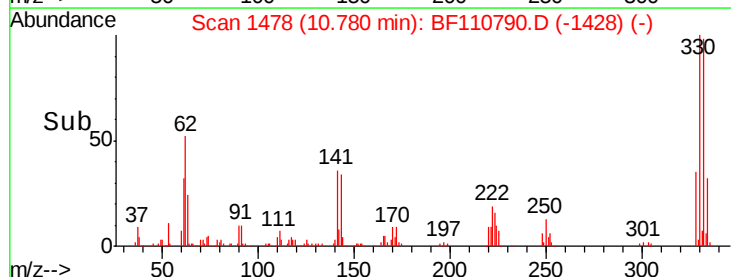
330 100

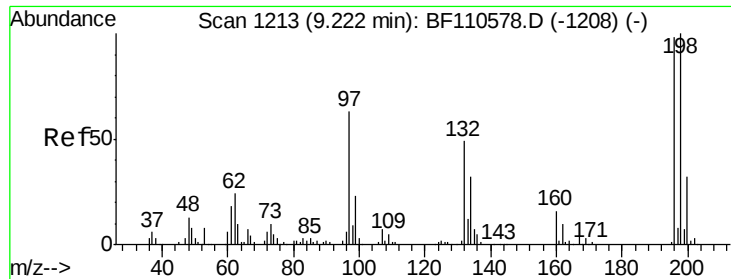
332 95.1 77.1 115.7

141 38.1 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

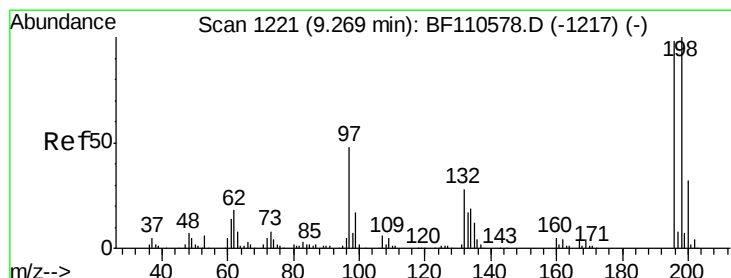
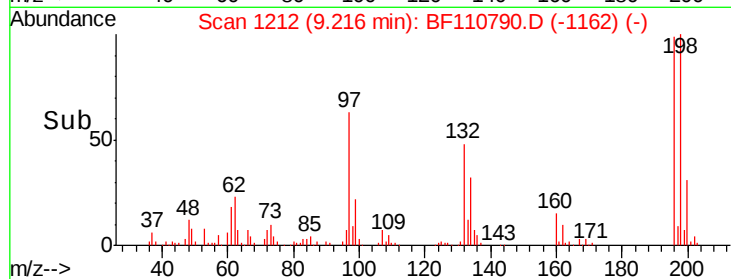
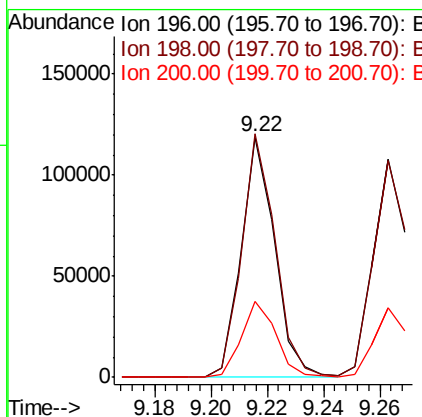
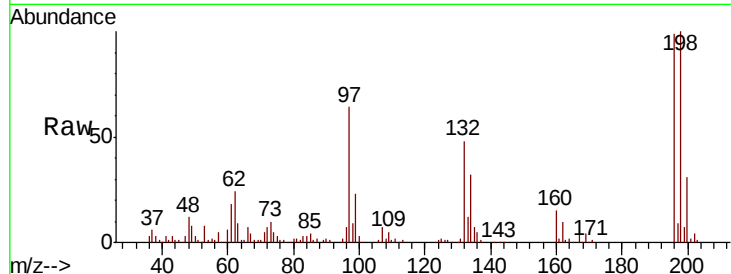




#43
 2,4,6-Trichlorophenol
 Concen: 43.731 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF110790.D
 Acq: 15 Nov 2018 16:05

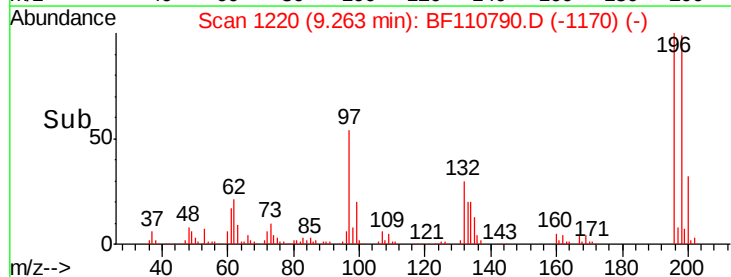
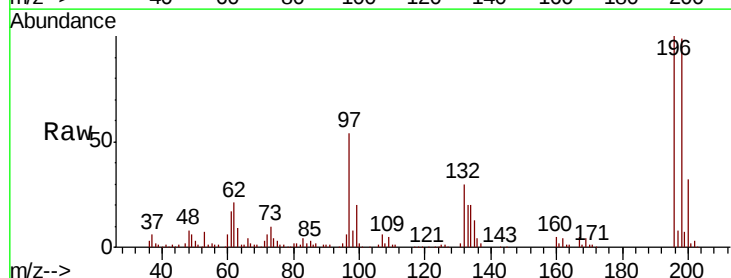
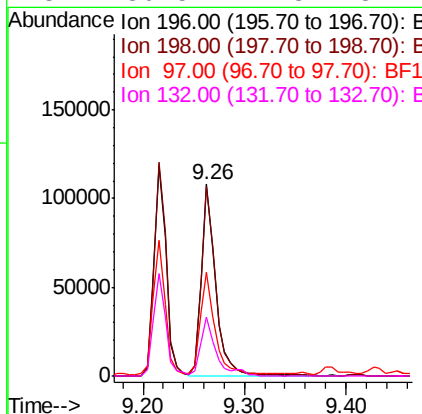
Instrument :
 BNA_F
 ClientSampleId :

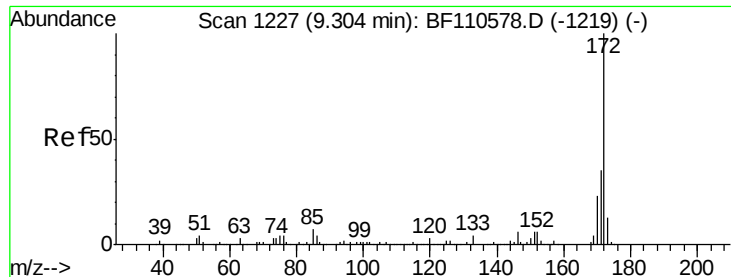
Tot Ion	Ratio	Lower	Upper
196	100		
198	101.5	76.2	114.4
200	31.8	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 44.813 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF110790.D
 Acq: 15 Nov 2018 16:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.2	75.8	113.6
97	54.1	42.4	63.6
132	30.5	22.8	34.2

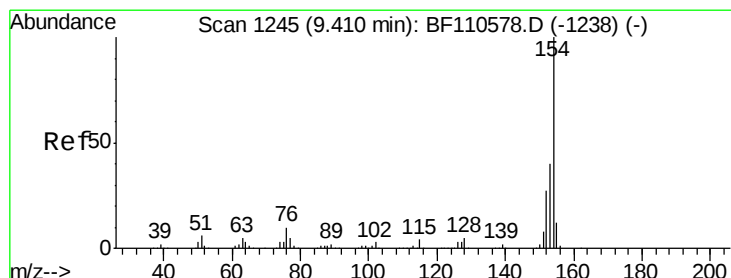
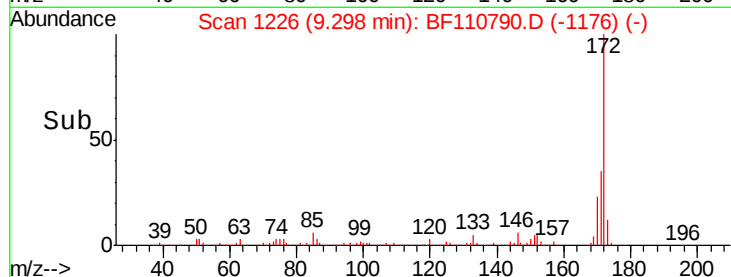
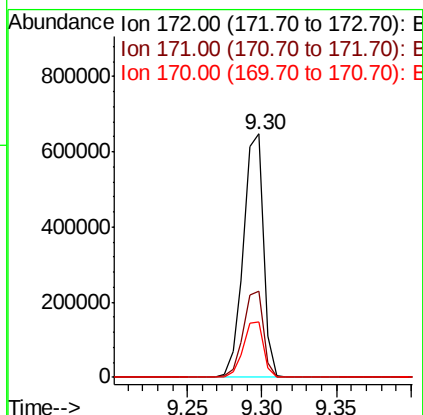
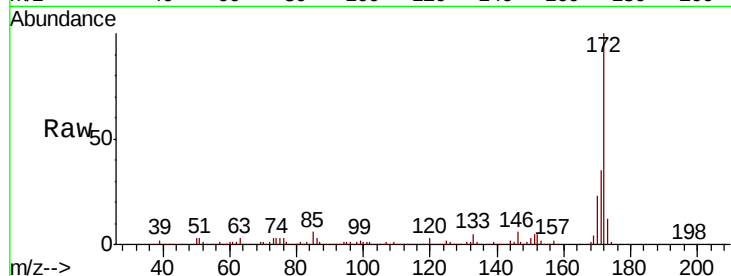




#45
 2-Fluorobiphenyl
 Concen: 76.665 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110790.D
 Acq: 15 Nov 2018 16:05

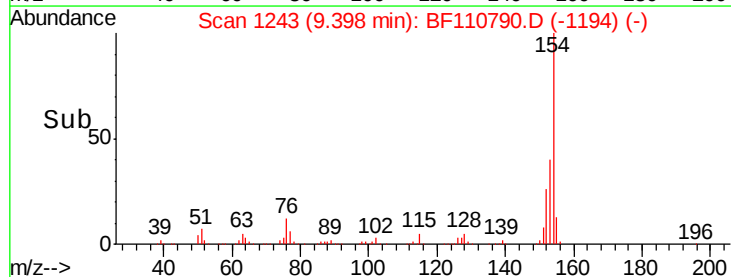
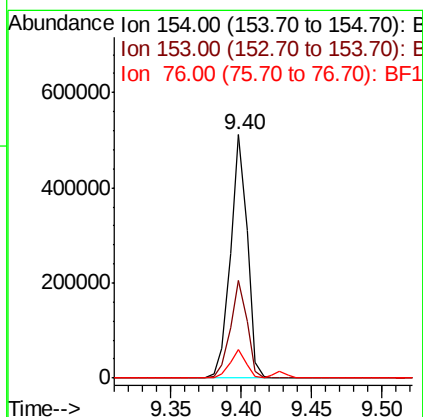
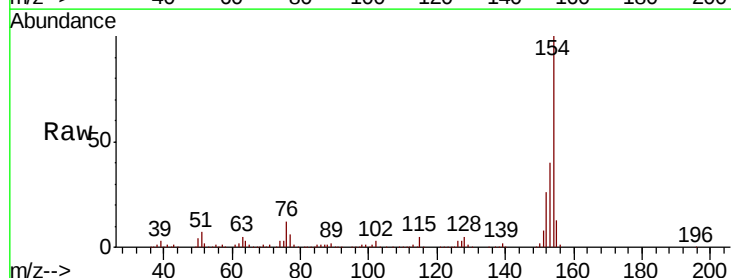
Instrument :
 BNA_F
 ClientSampleId :

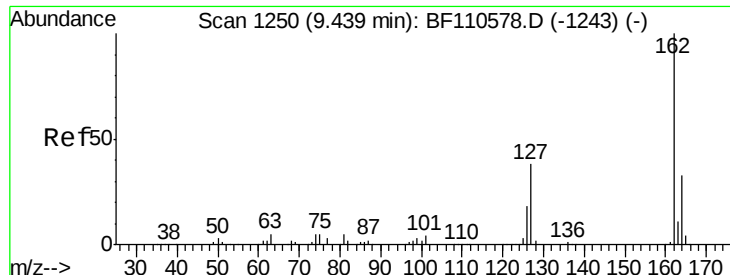
Tot Ion:172 Resp: 606666
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.0 19.7 29.5



#46
 1,1'-Biphenyl
 Concen: 40.132 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BF110790.D
 Acq: 15 Nov 2018 16:05

Tgt Ion:154 Resp: 423096
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.4 60.4
 76 11.6 0.0 31.9

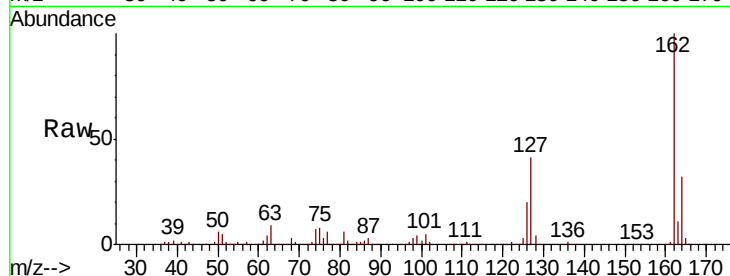




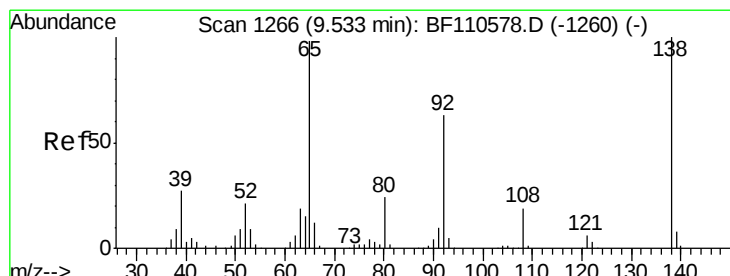
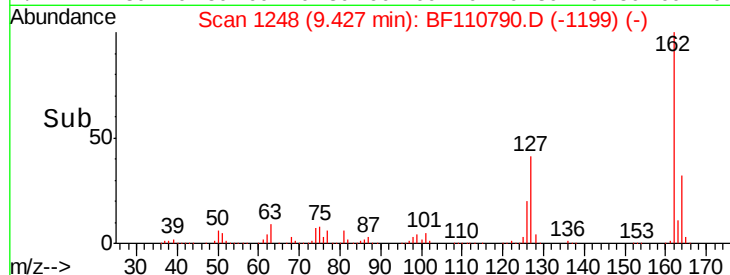
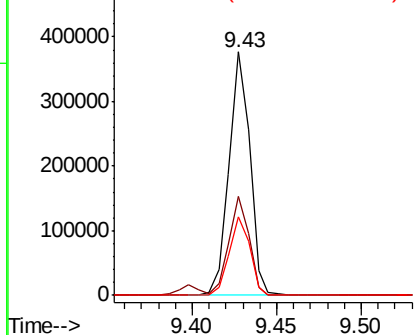
#47
2-Chloronaphthalene
Concen: 42.300 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 321286
Ion Ratio Lower Upper
162 100
127 40.8 32.6 48.8
164 32.4 25.9 38.9

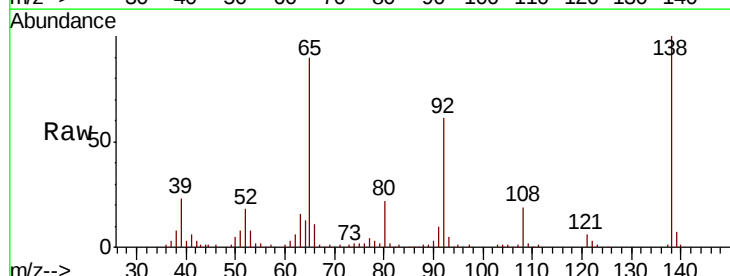


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

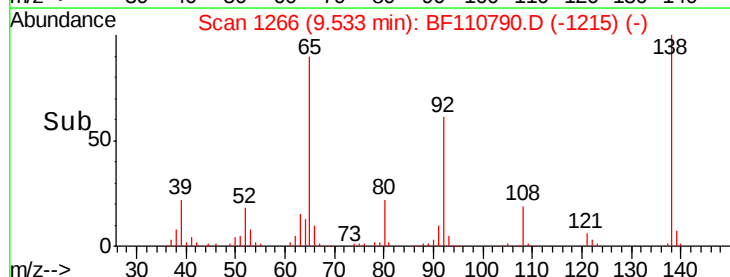
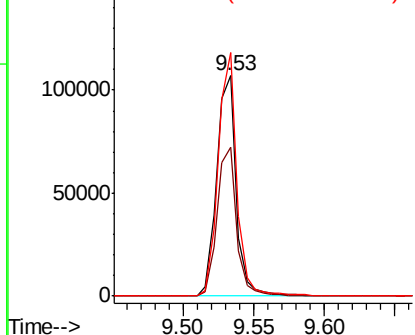


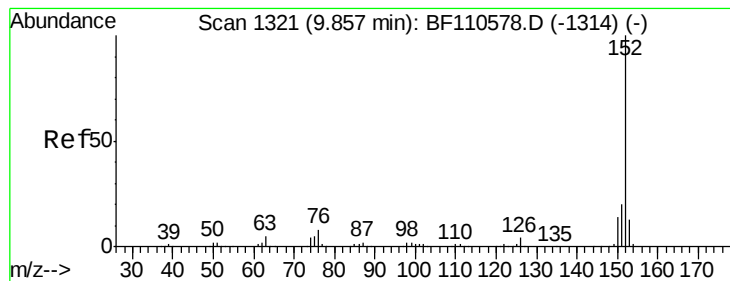
#48
2-Nitroaniline
Concen: 43.914 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Tgt Ion: 65 Resp: 102785
Ion Ratio Lower Upper
65 100
92 67.9 54.6 81.8
138 110.6 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: 46.050 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

Instrument :

BNA_F

ClientSampleId :

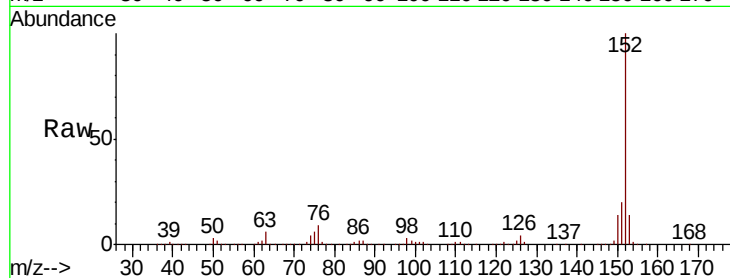
Tot Ion:152 Resp: 503713

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

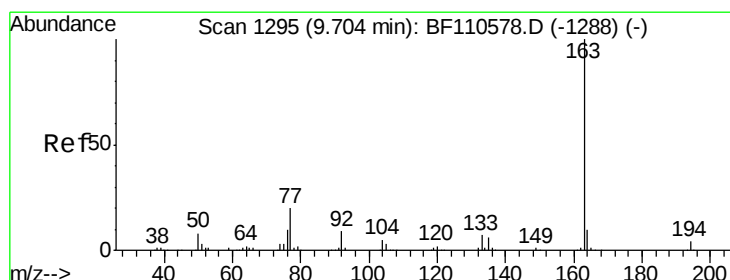
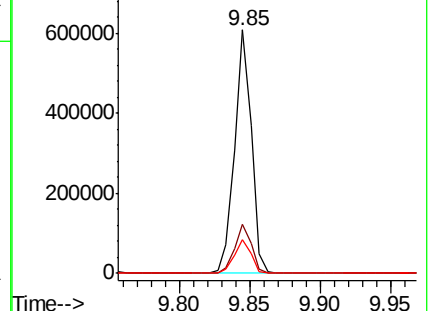
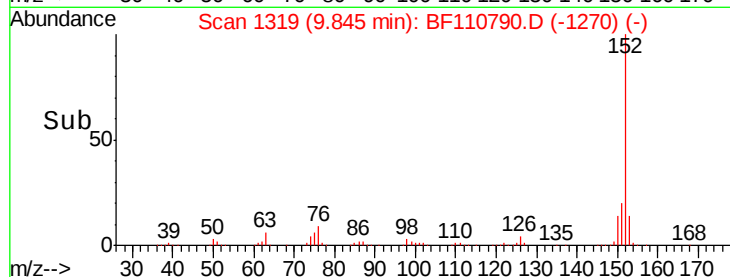
153 13.9 10.4 15.6



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: 54.334 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

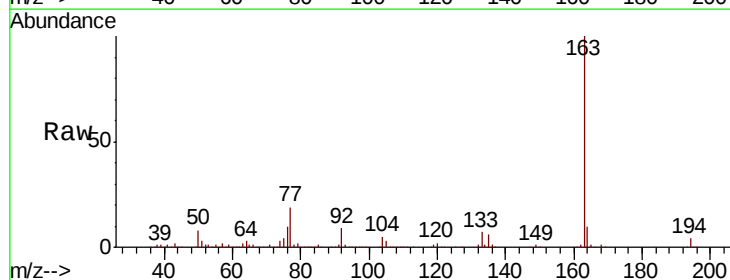
Tgt Ion:163 Resp: 458188

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

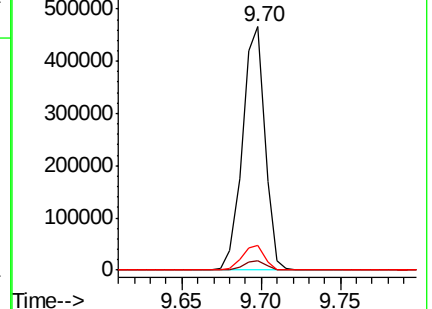
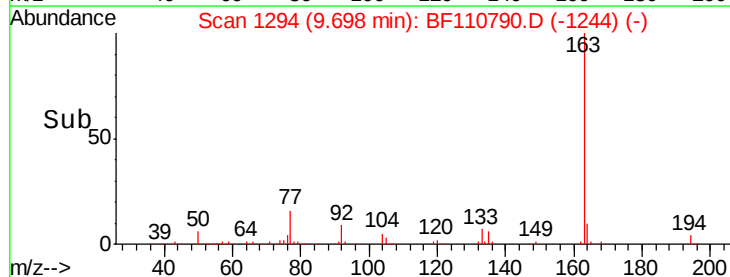
164 10.1 8.1 12.1

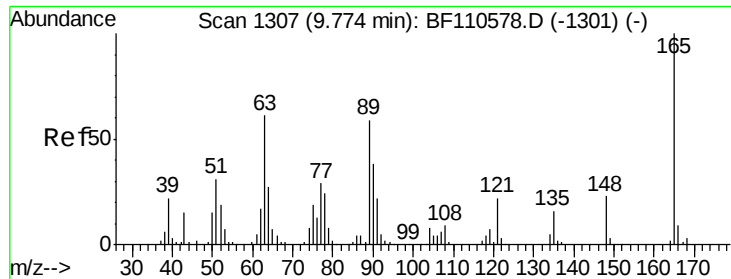


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

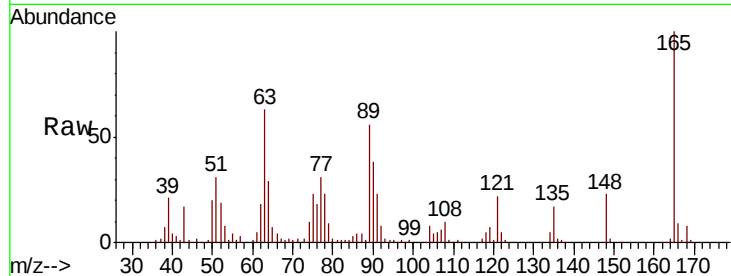




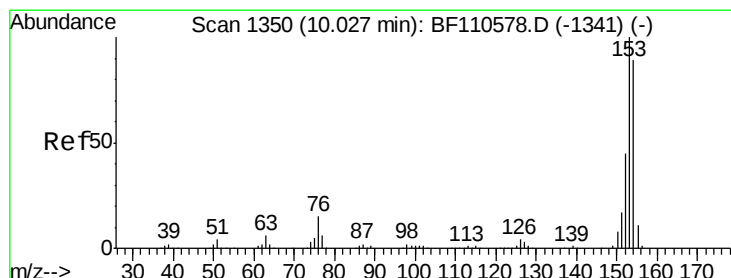
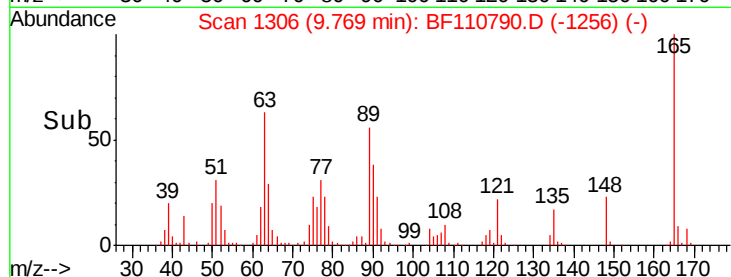
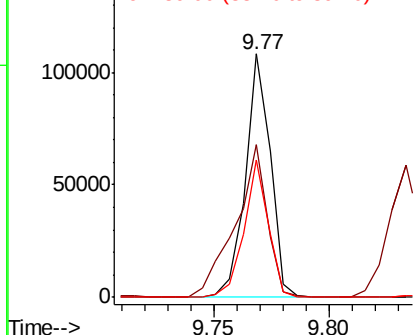
#51
2,6-Dinitrotoluene
Concen: 44.043 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 81702
Ion Ratio Lower Upper
165 100
63 62.9 48.9 73.3
89 56.4 46.6 69.8

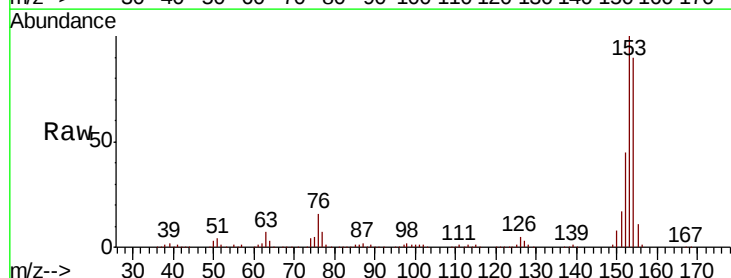


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

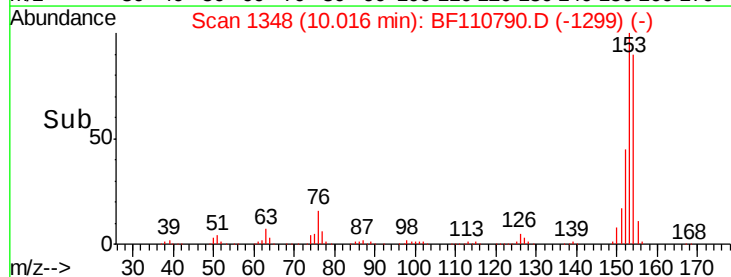
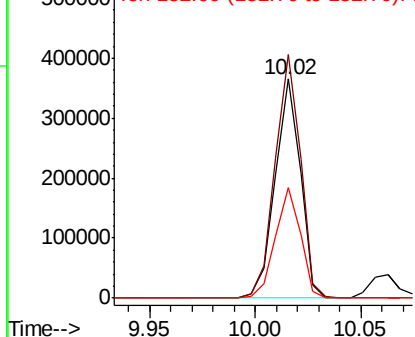


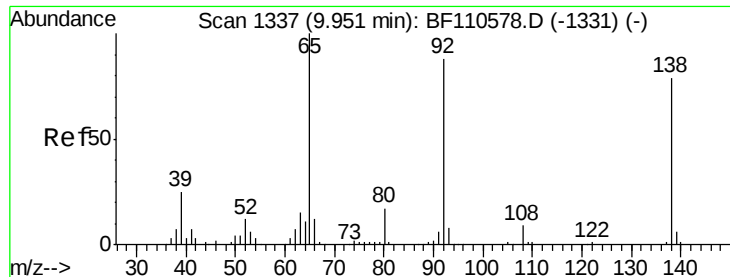
#52
Acenaphthene
Concen: 43.854 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Tgt Ion:154 Resp: 303148
Ion Ratio Lower Upper
154 100
153 111.2 90.1 135.1
152 50.4 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

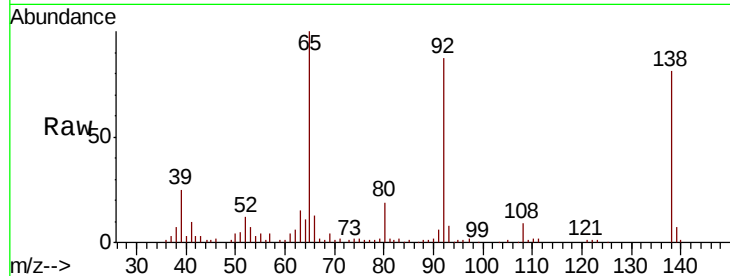




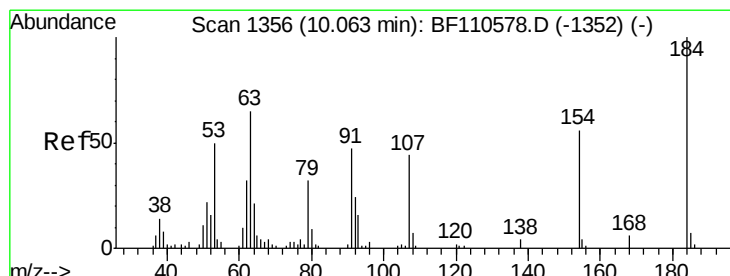
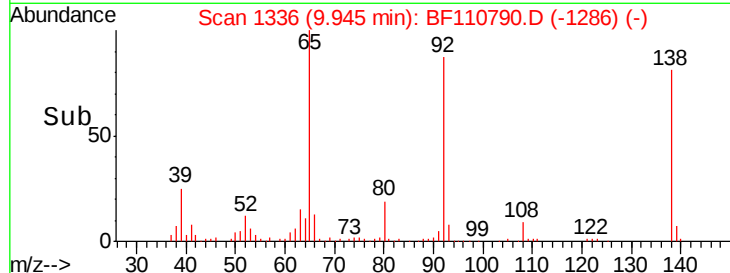
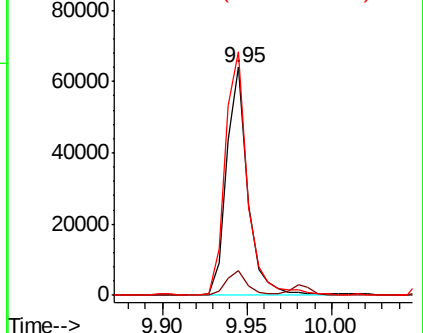
#53
3-Nitroaniline
Concen: 26.160 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 56222
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 106.7 97.0 145.4

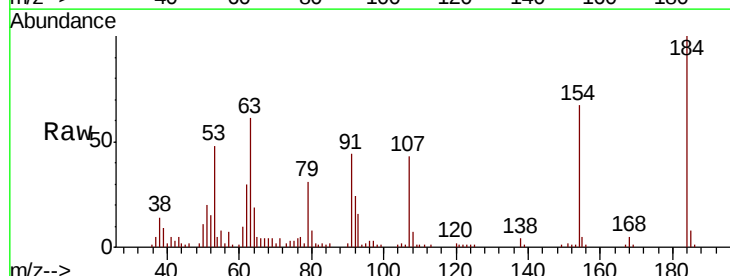


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

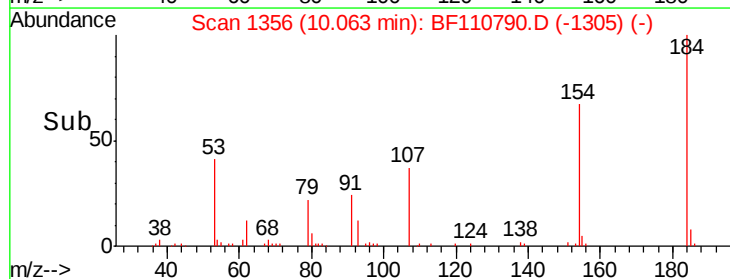
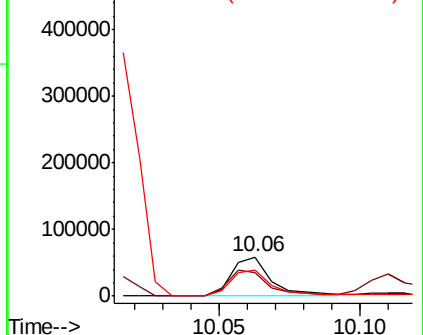


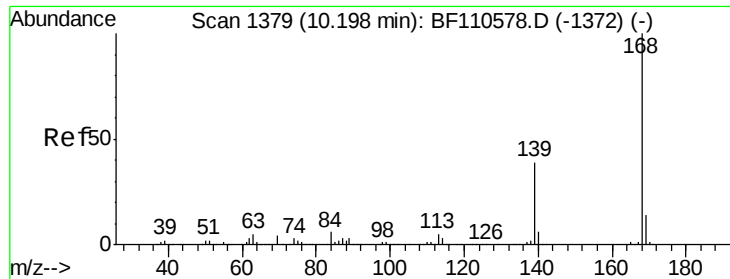
#54
2,4-Dinitrophenol
Concen: 77.721 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Tgt Ion:184 Resp: 57329
Ion Ratio Lower Upper
184 100
63 61.0 55.8 83.6
154 66.9 63.2 94.8



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





#55

Dibenzofuran

Concen: 43.295 ng

RT: 10.19 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

Instrument :

BNA_F

ClientSampleId :

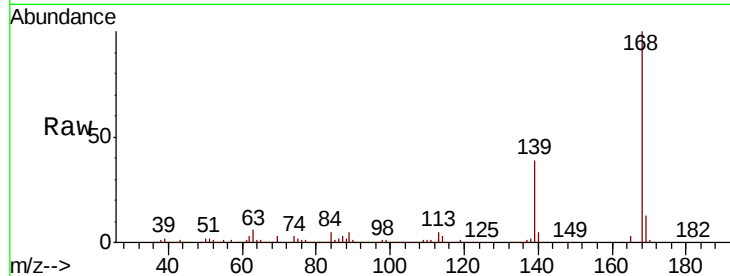
Tot Ion:168 Resp: 437868

Ion Ratio Lower Upper

168 100

139 39.5 33.0 49.6

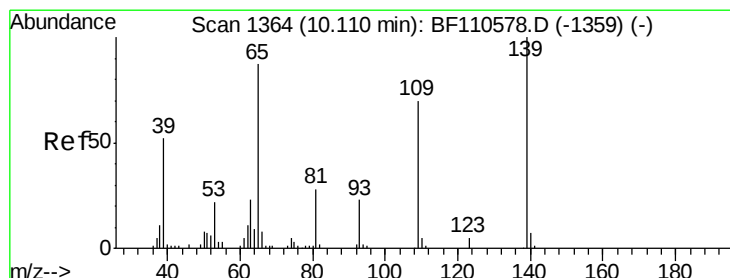
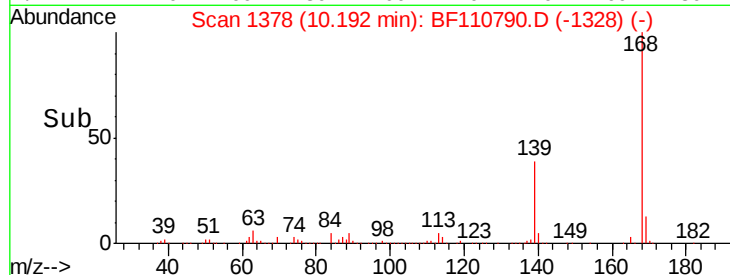
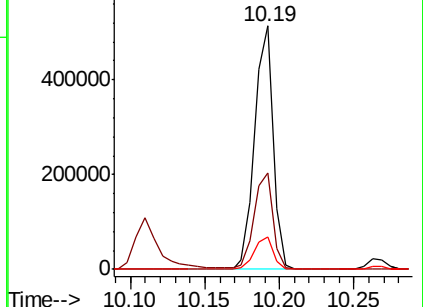
169 13.3 11.3 16.9



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: 84.077 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

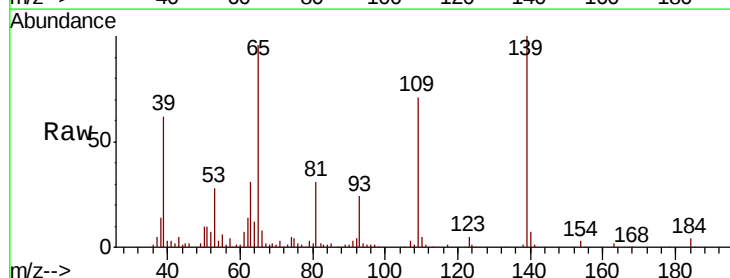
Tgt Ion:139 Resp: 119880

Ion Ratio Lower Upper

139 100

109 70.8 55.8 95.8

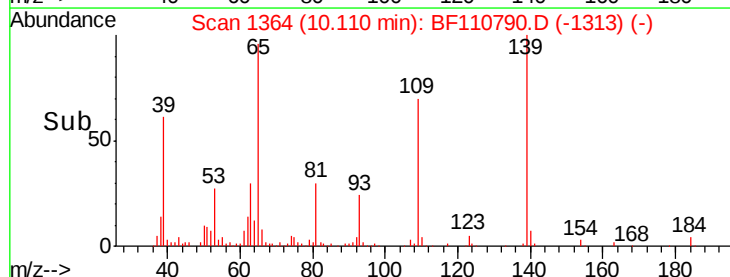
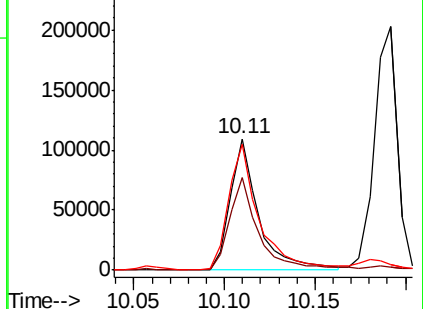
65 95.9 77.9 117.9

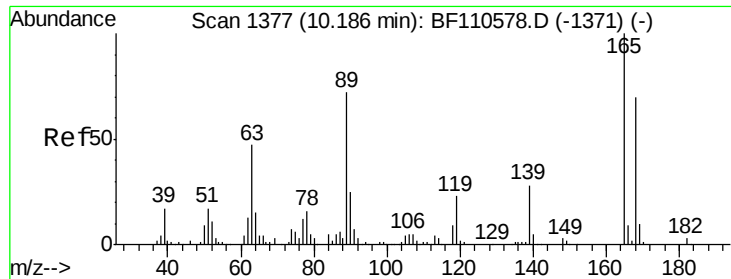


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

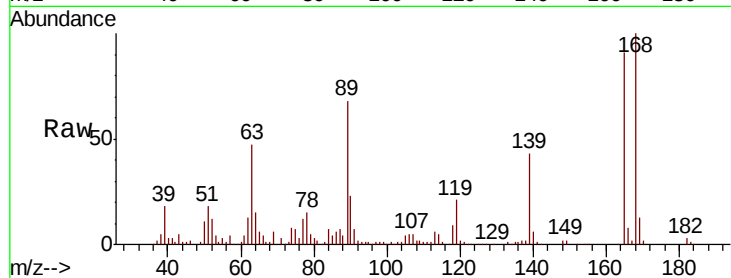




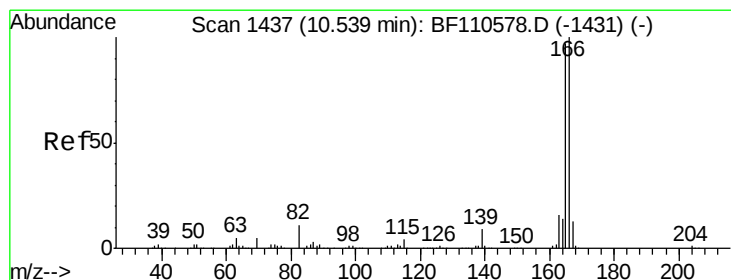
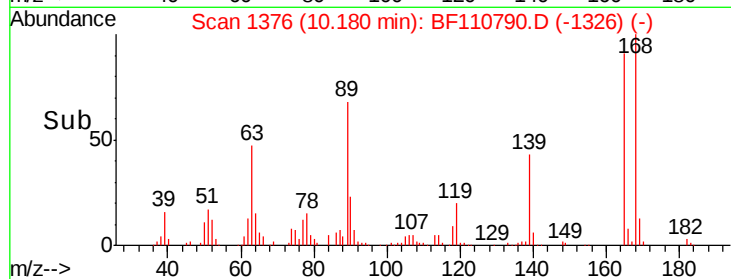
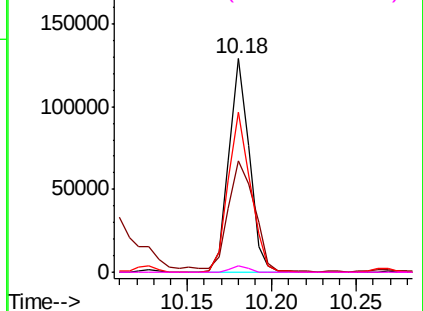
#57
 2,4-Dinitrotoluene
 Concen: 44.920 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF110790.D
 Acq: 15 Nov 2018 16:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	108346
Ion	Ratio	Lower	Upper
165	100		
63	52.3	44.8	67.2
89	74.9	62.2	93.4
182	2.8	2.1	3.1

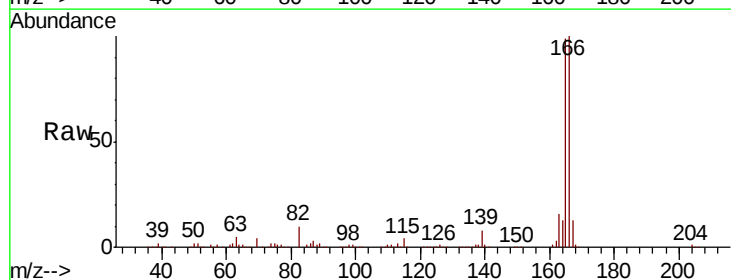


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

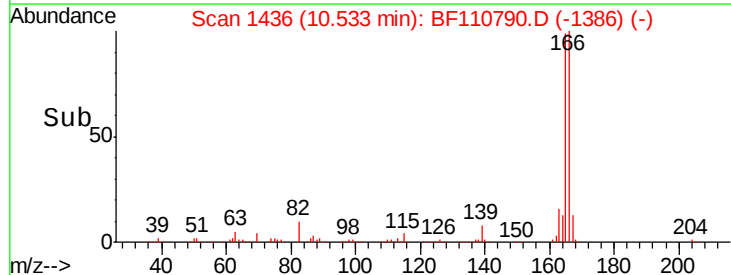
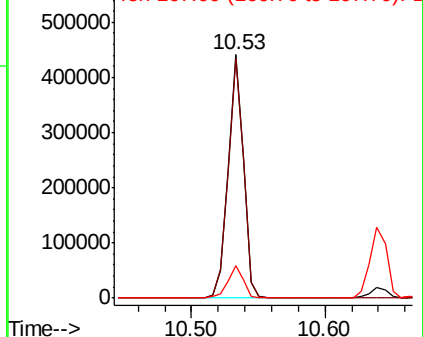


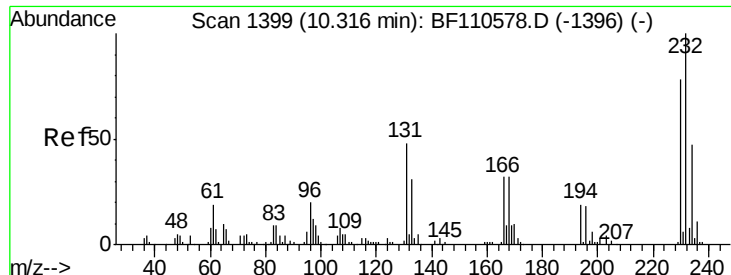
#58
 Fluorene
 Concen: 46.238 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF110790.D
 Acq: 15 Nov 2018 16:05

Tgt Ion:	166	Resp:	359188
Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	13.4	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

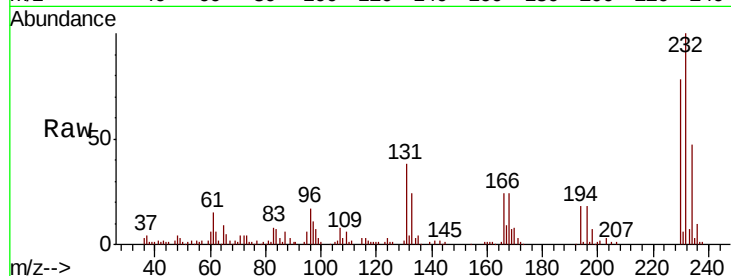




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.747 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.05 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	37.0	55.4
130	2.5	1.8	2.6
166	26.4	22.0	33.0



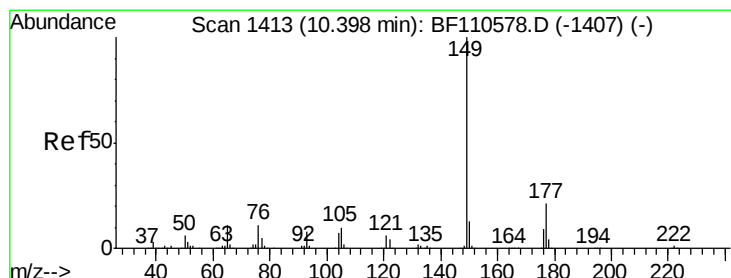
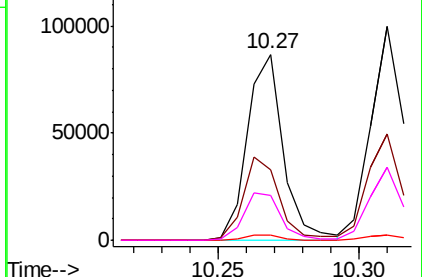
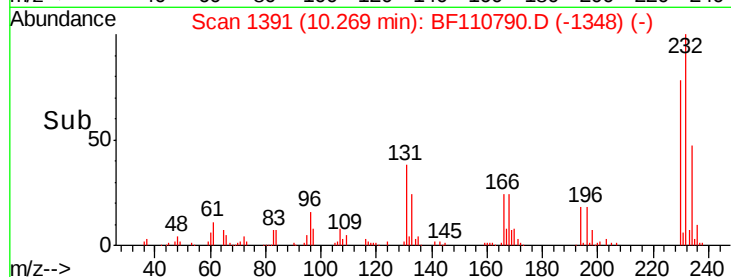
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

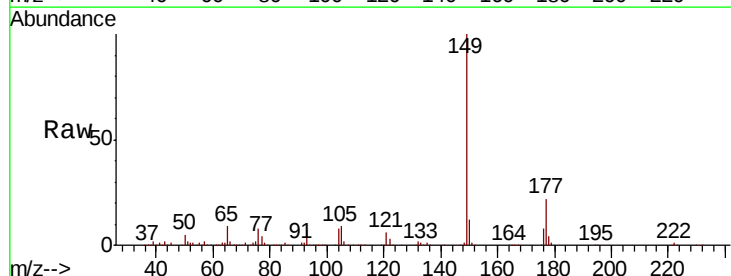
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.766 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.4	26.2
150	12.0	9.8	14.8

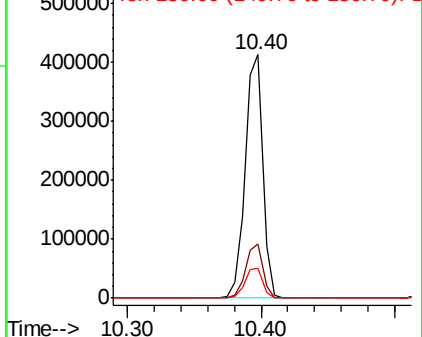
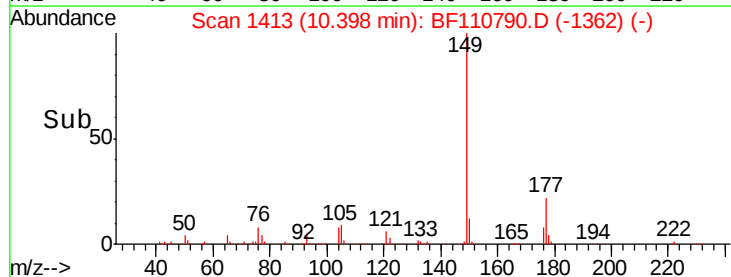


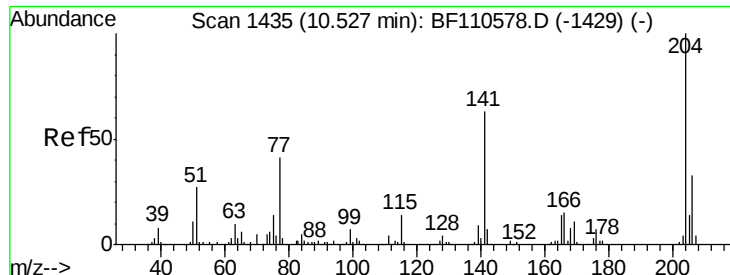
Abundance

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

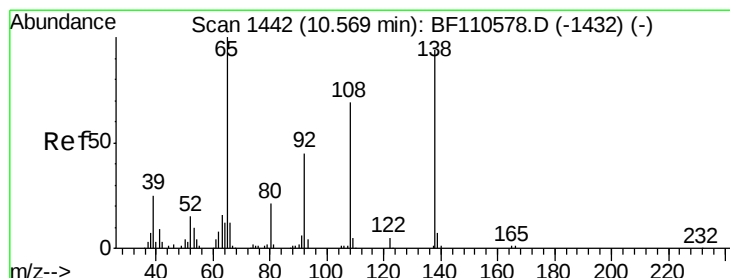
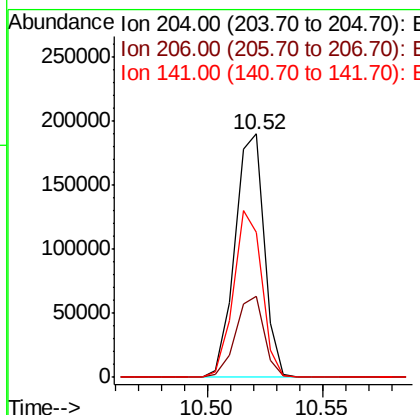
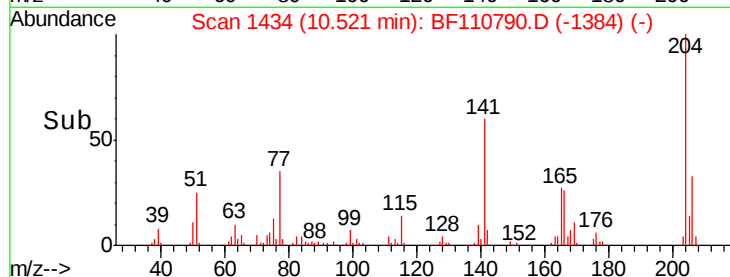
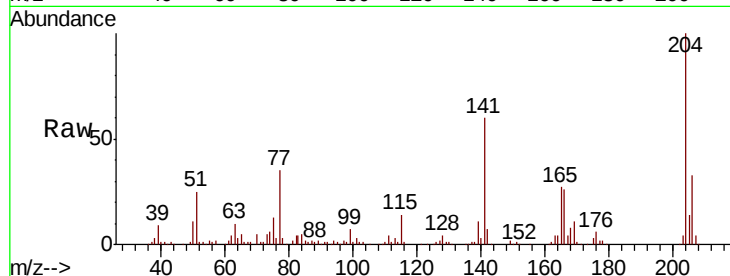




#61
4-Chlorophenyl-phenylether
Concen: 41.903 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

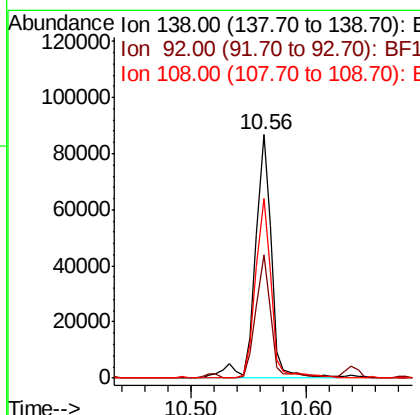
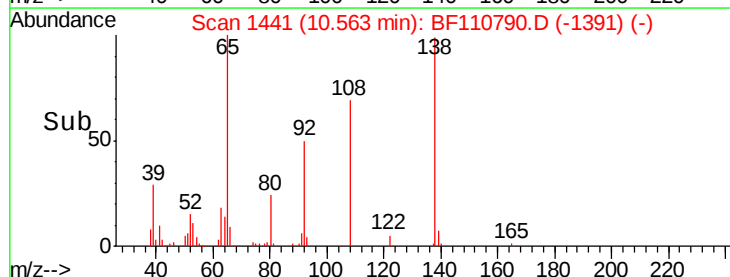
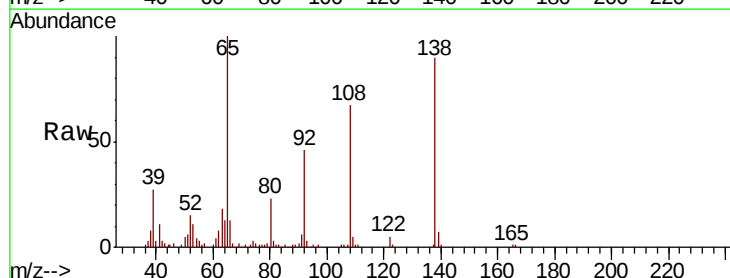
Instrument :
BNA_F
ClientSampled :

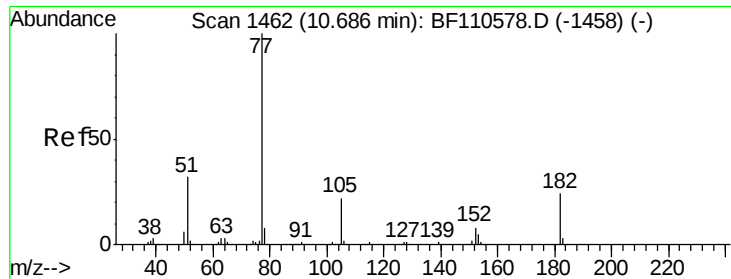
Tot Ion:204 Resp: 168541
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 59.6 51.8 77.8



#62
4-Nitroaniline
Concen: 39.344 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Tgt Ion:138 Resp: 85148
Ion Ratio Lower Upper
138 100
92 50.9 31.7 71.7
108 73.5 59.3 99.3





#63

Azobenzene

Concen: 43.202 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 351650

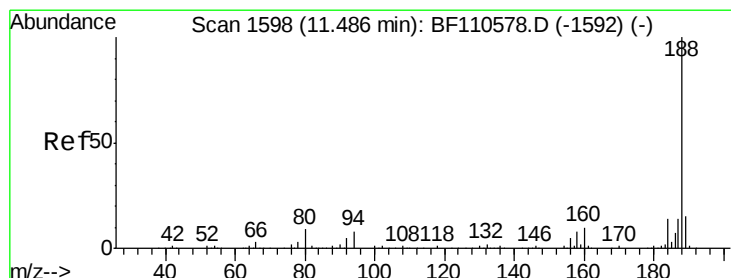
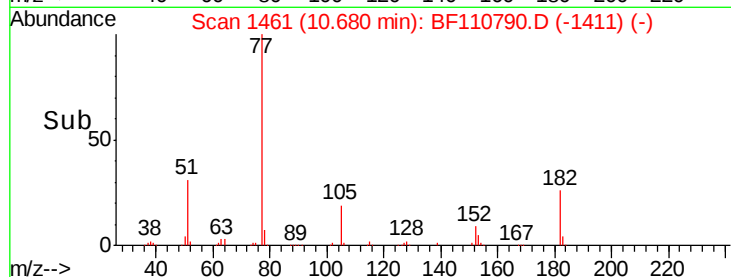
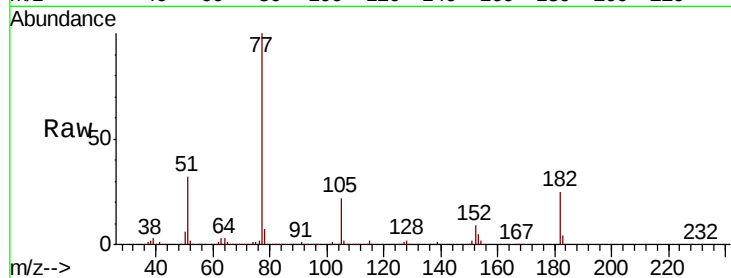
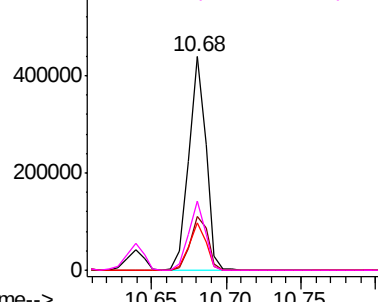
Ion	Ratio	Lower	Upper
77	100		
182	25.2	4.3	44.3
105	22.4	1.3	41.3
51	32.2	9.0	49.0

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

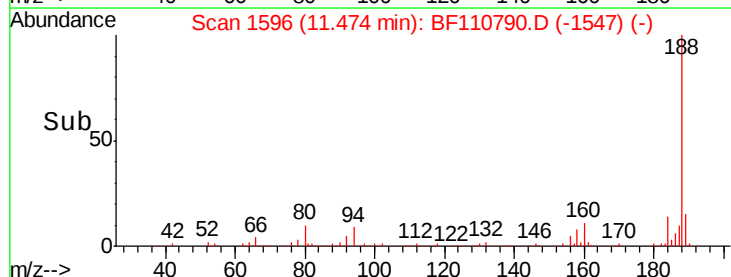
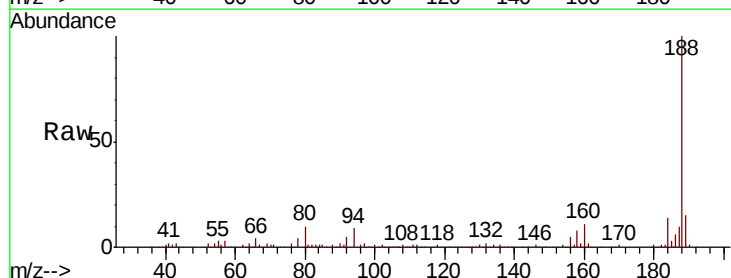
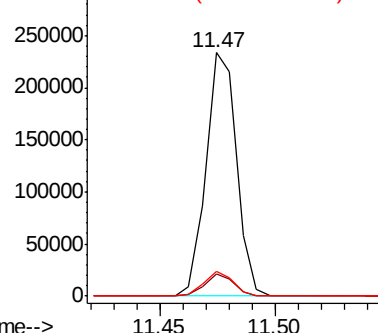
Tgt Ion: 188 Resp: 215898

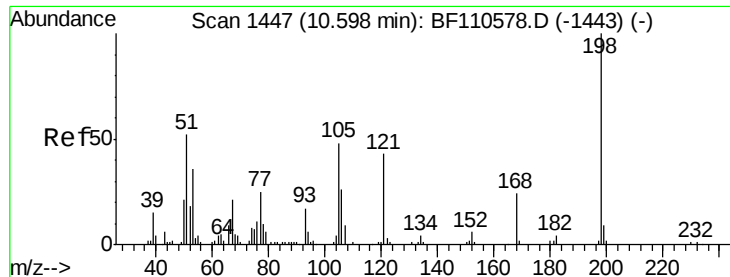
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.1	7.9	11.9

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

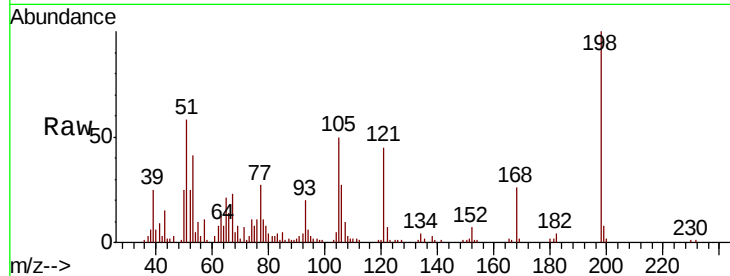




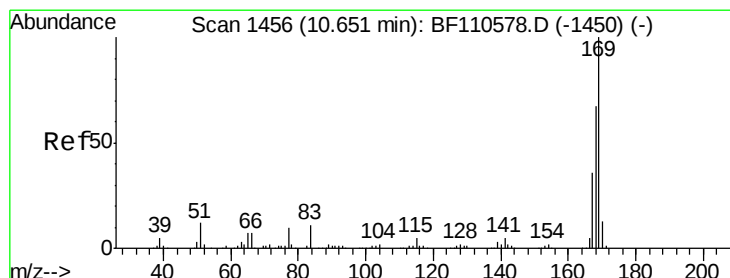
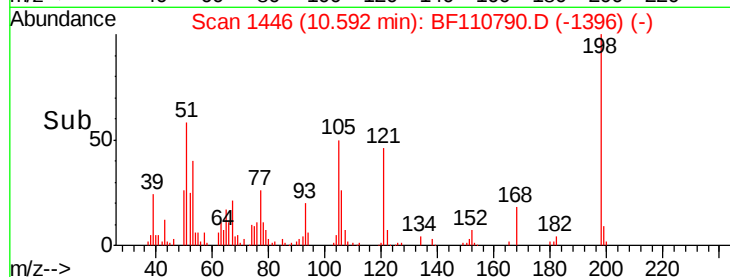
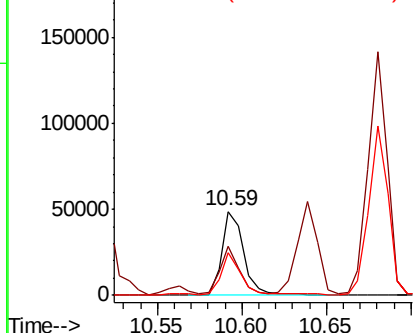
#65
4,6-Dinitro-2-methylphenol
Concen: 40.823 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 44419
Ion Ratio Lower Upper
198 100
51 58.3 22.8 62.8
105 50.4 23.6 63.6

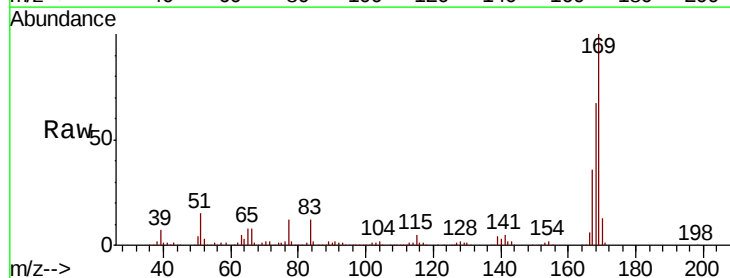


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

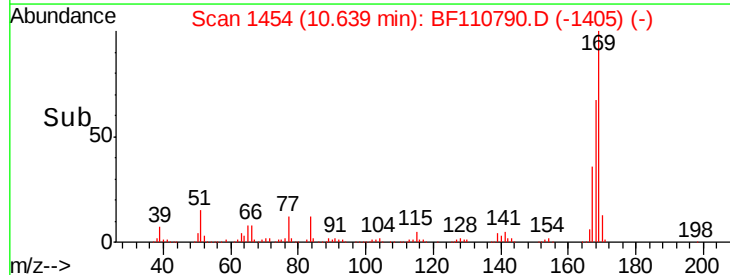
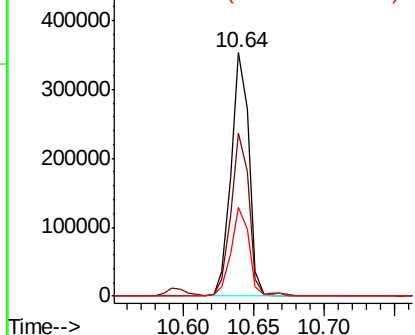


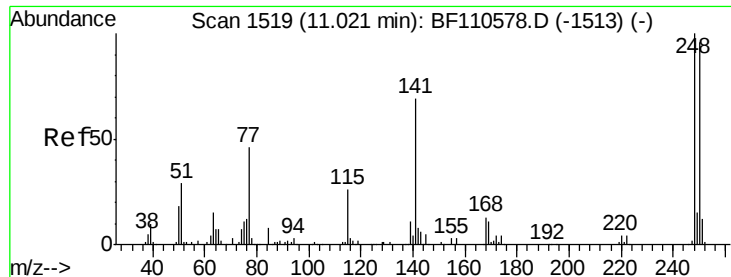
#66
n-Nitrosodiphenylamine
Concen: 42.916 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Tgt Ion:169 Resp: 312307
Ion Ratio Lower Upper
169 100
168 67.0 51.2 76.8
167 36.2 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

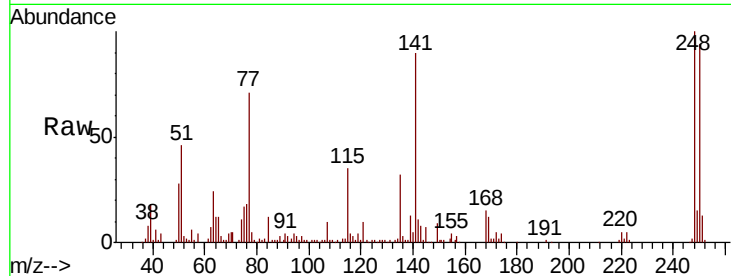




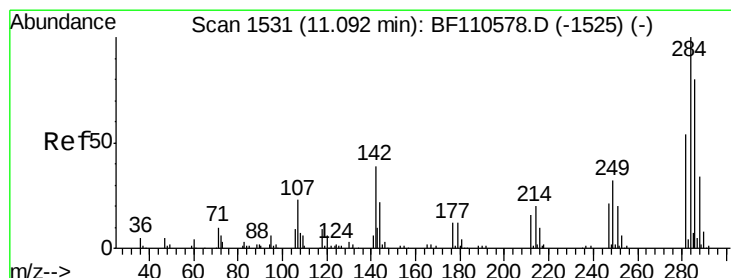
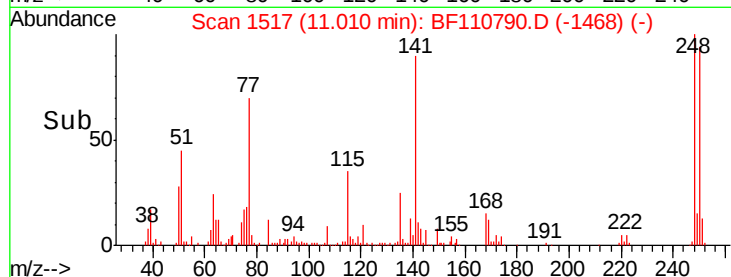
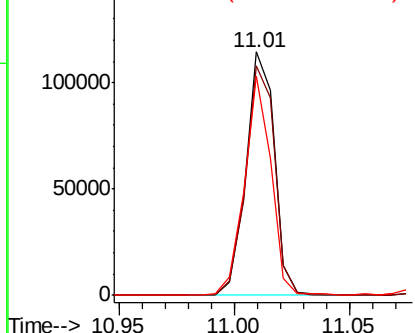
#67
4-Bromophenyl-phenylether
Concen: 41.346 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 98656
Ion Ratio Lower Upper
248 100
250 94.5 79.4 119.2
141 89.9 55.9 83.9#

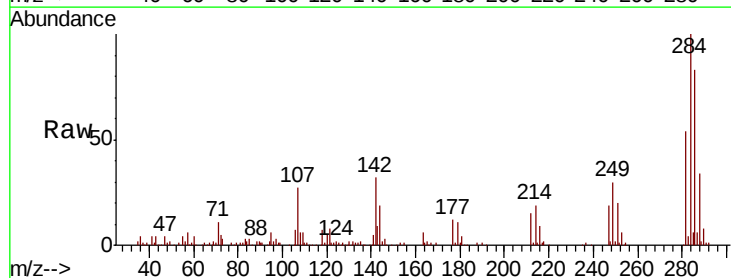


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

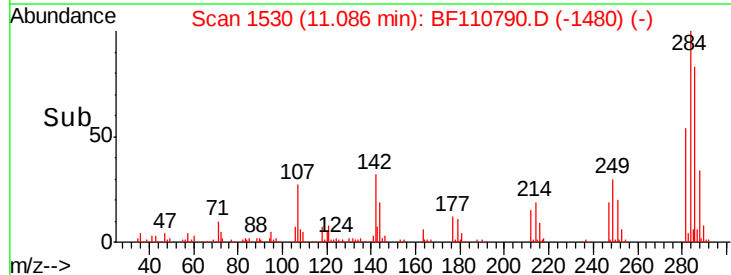
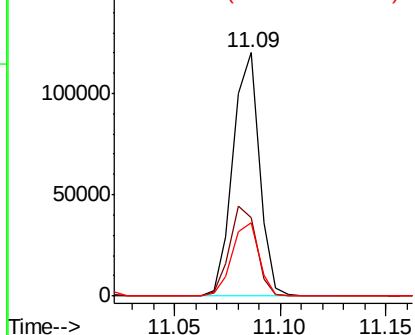


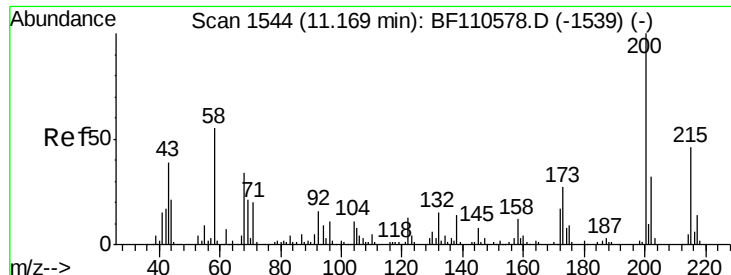
#68
Hexachlorobenzene
Concen: 41.271 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Tgt Ion:284 Resp: 103824
Ion Ratio Lower Upper
284 100
142 32.3 23.9 35.9
249 30.0 24.2 36.2



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





#69

Atrazine

Concen: 44.500 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

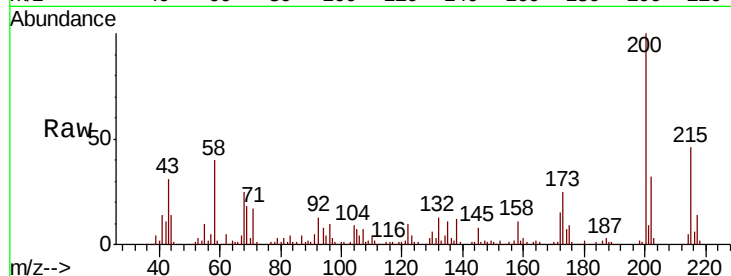
Instrument :

BNA_F

ClientSampled :

Tot Ion:200 Resp: 99016

Ion	Ratio	Lower	Upper
200	100		
173	24.6	6.6	46.6
215	46.0	26.3	66.3

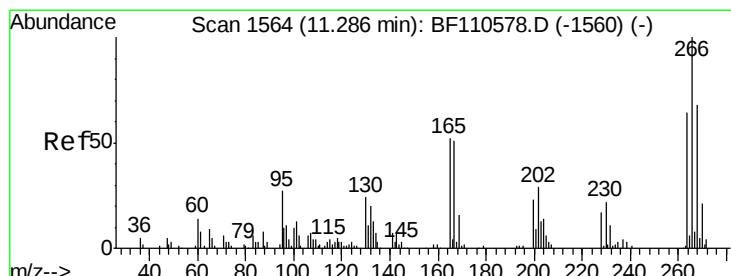
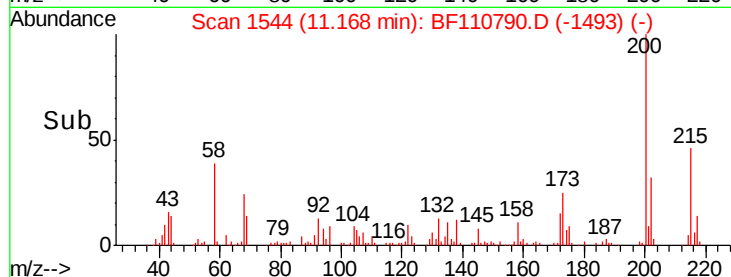
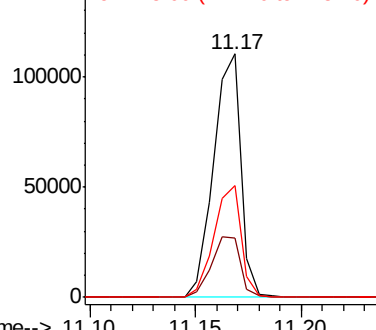


Abundance

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: 67.574 ng

RT: 11.28 min Scan# 1563

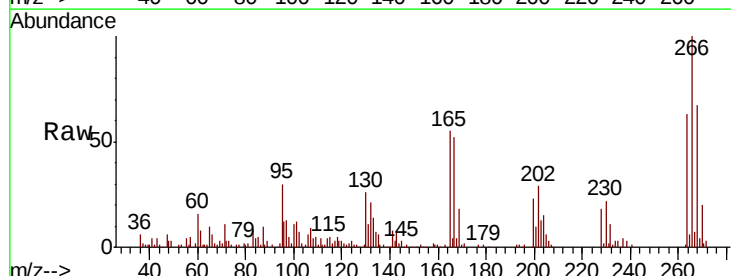
Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

Tgt Ion:266 Resp: 90708

Ion	Ratio	Lower	Upper
266	100		
268	66.9	50.6	75.8
264	63.2	50.6	75.8

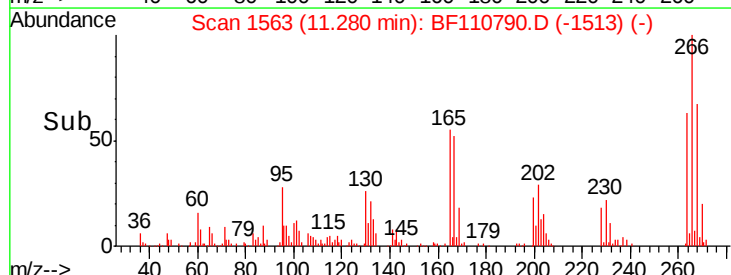
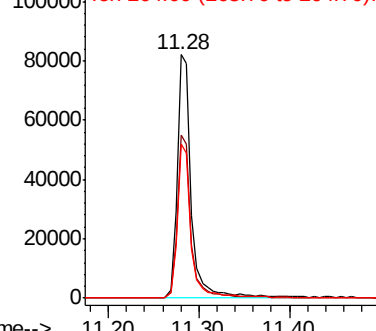


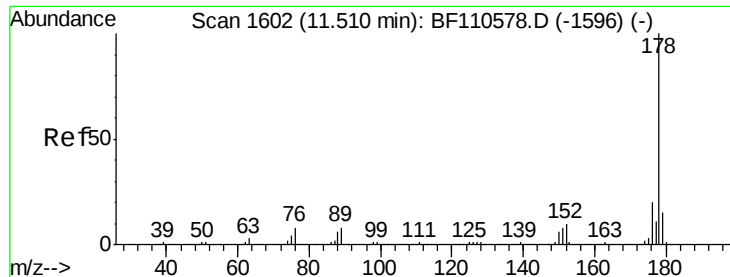
Abundance

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

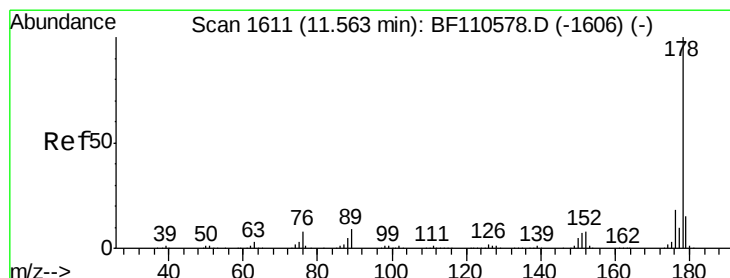
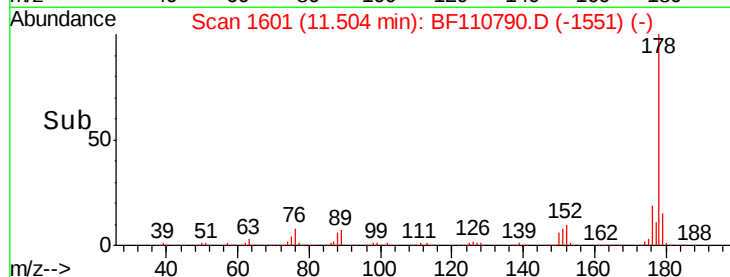
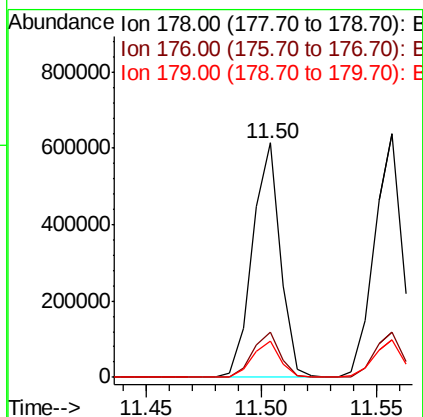
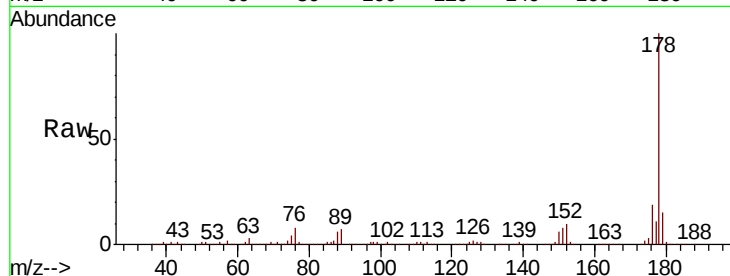




#71
Phenanthrene
Concen: 44.831 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

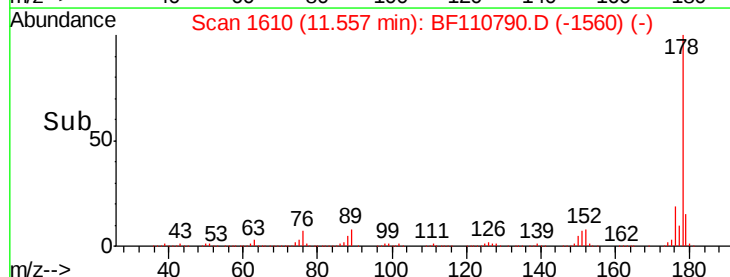
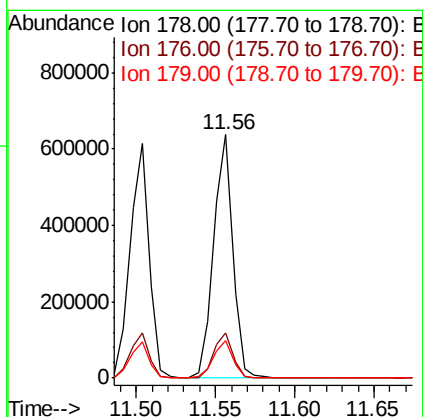
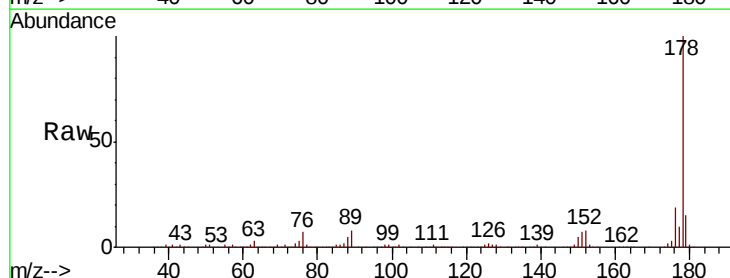
Instrument :
BNA_F
ClientSampleId :

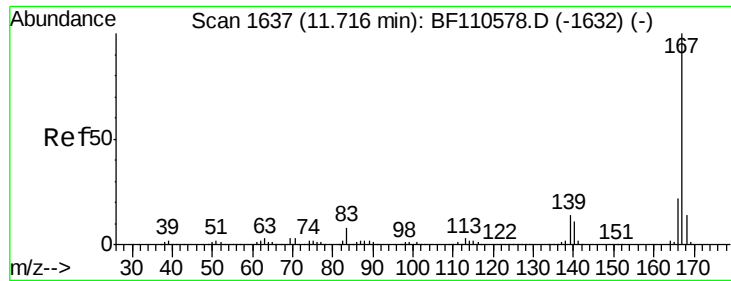
Tot Ion:178 Resp: 518552
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.5 12.5 18.7



#72
Anthracene
Concen: 46.181 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Tgt Ion:178 Resp: 538844
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.3 12.6 18.8

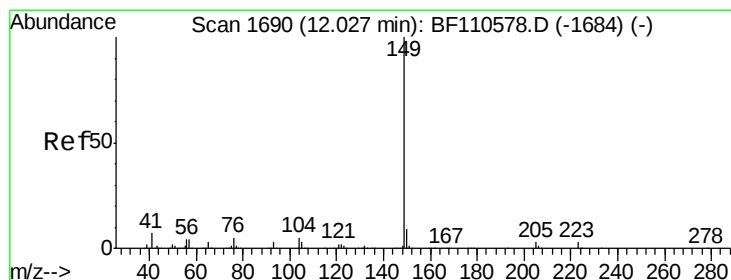
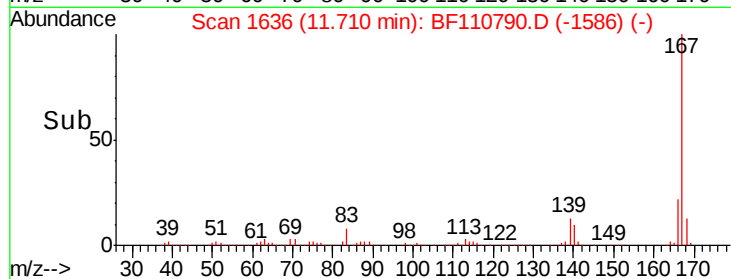
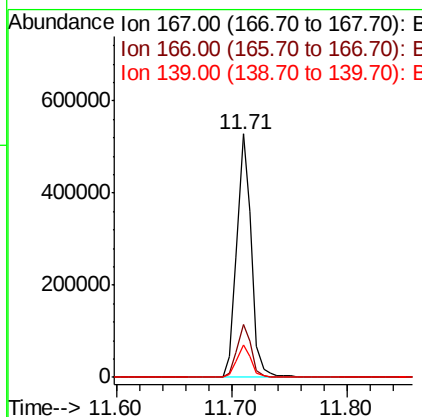
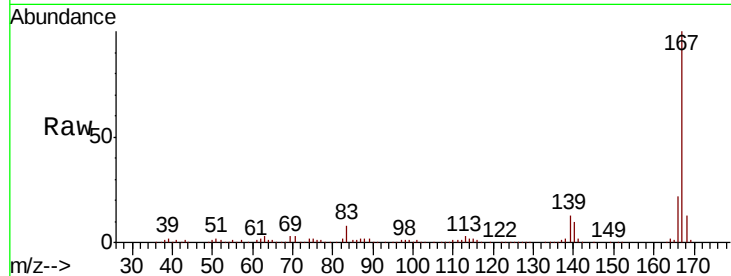




#73
 Carbazole
 Concen: 41.180 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF110790.D
 Acq: 15 Nov 2018 16:05

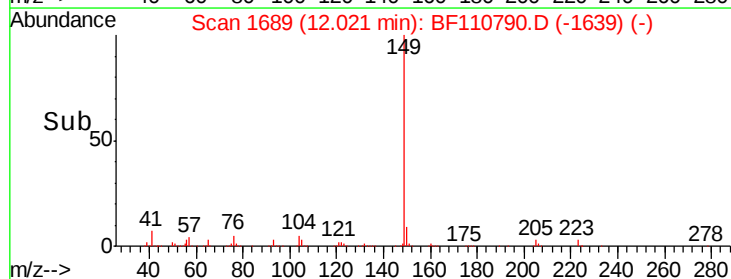
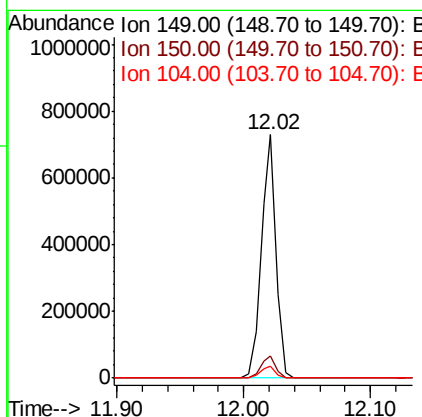
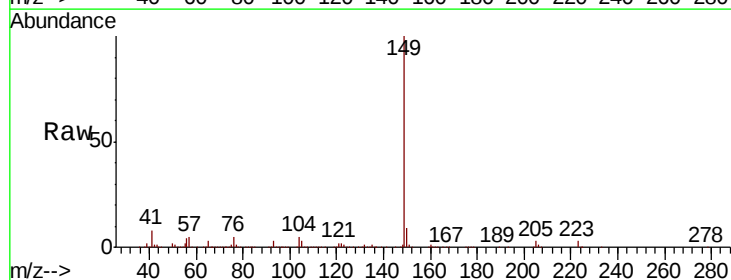
Instrument :
 BNA_F
 ClientSampleId :

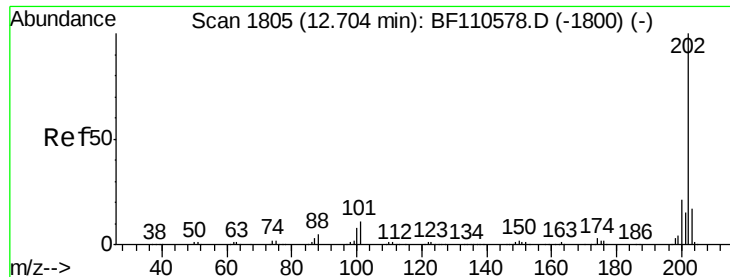
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.4	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 45.244 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110790.D
 Acq: 15 Nov 2018 16:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.9	4.2	6.4





#75

Fluoranthene

Concen: 44.593 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

Instrument :

BNA_F

ClientSampleId :

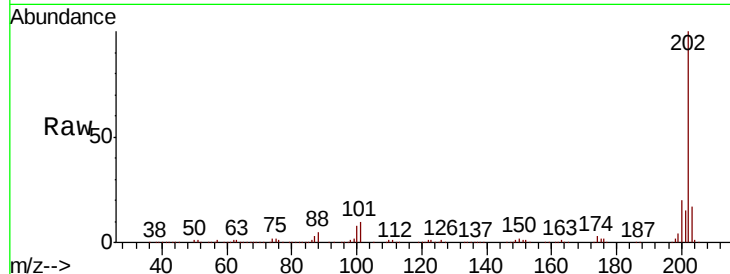
Tot Ion:202 Resp: 517122

Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.4

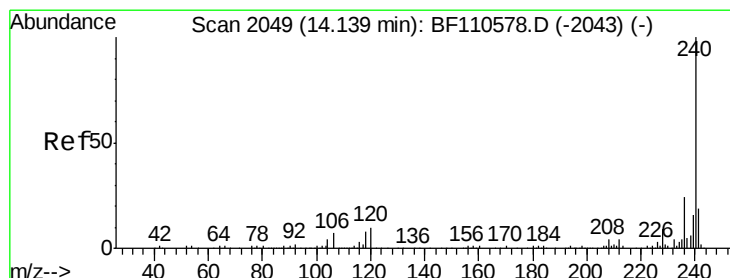
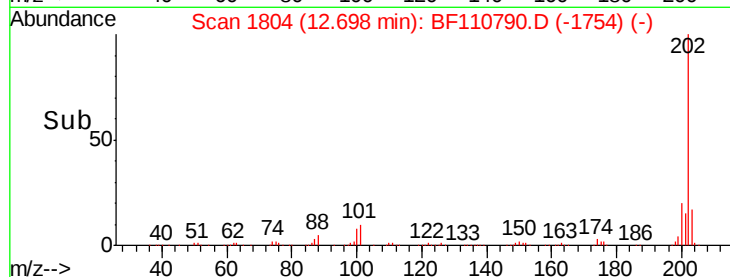
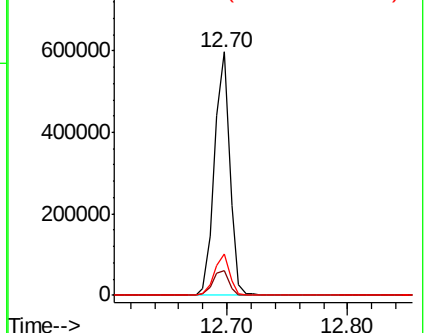
203 16.9 0.0 37.7



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: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

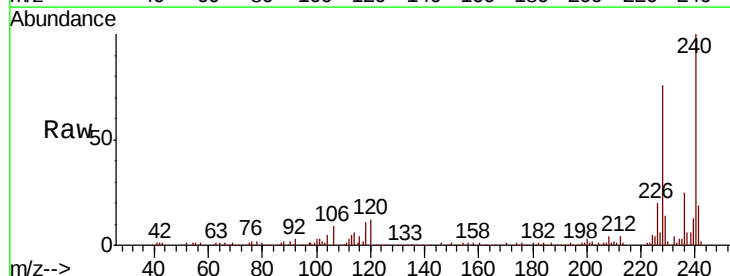
Tgt Ion:240 Resp: 145938

Ion Ratio Lower Upper

240 100

120 12.1 8.3 12.5

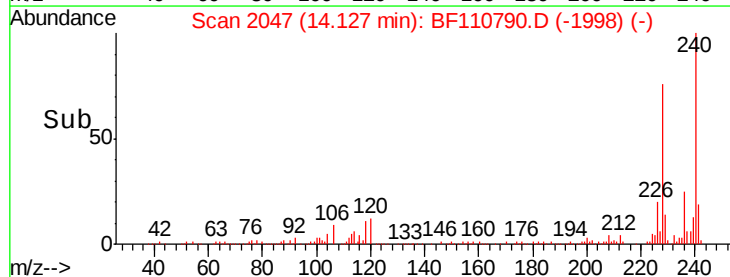
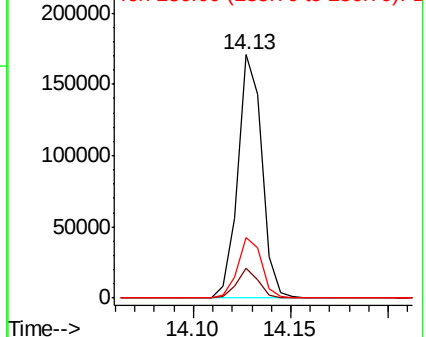
236 25.1 21.2 31.8

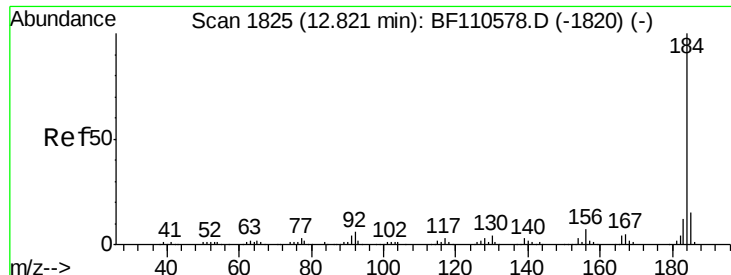


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.485 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

Instrument :

BNA_F

ClientSampleId :

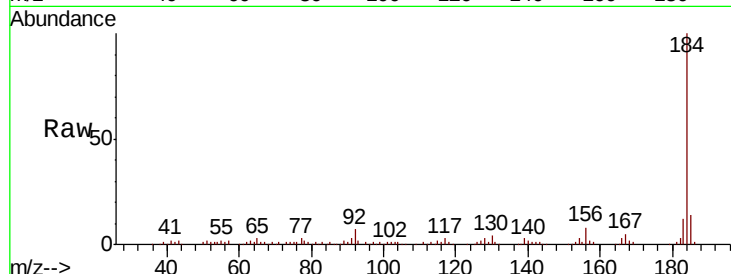
Tot Ion:184 Resp: 154453

Ion Ratio Lower Upper

184 100

185 13.7 13.4 20.2

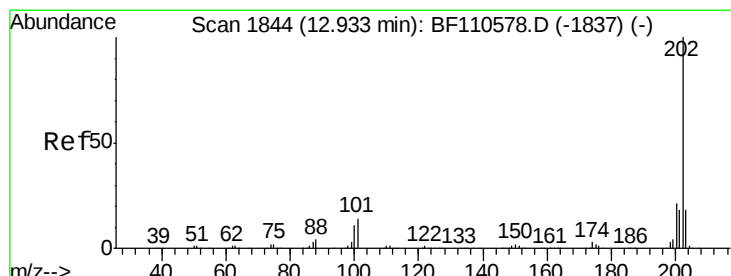
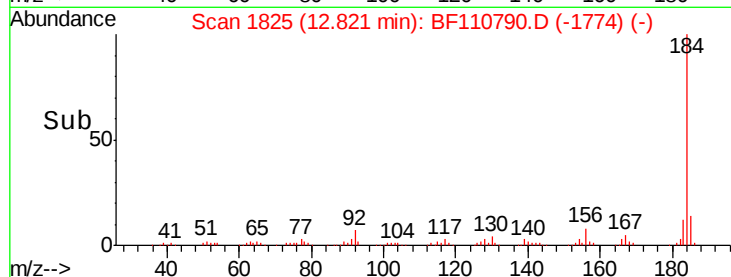
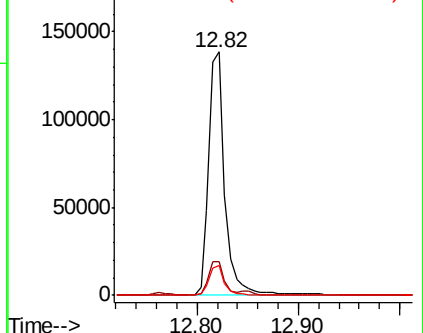
183 12.1 9.4 14.2



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: 45.552 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

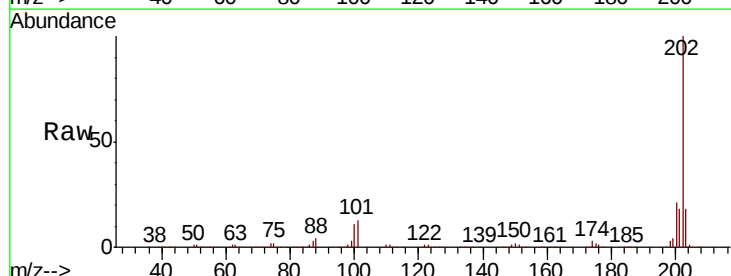
Tgt Ion:202 Resp: 511859

Ion Ratio Lower Upper

202 100

200 21.0 17.8 26.6

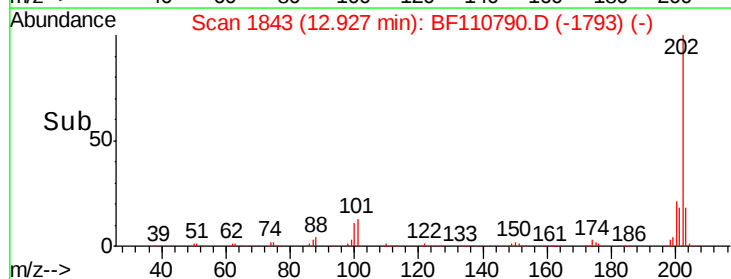
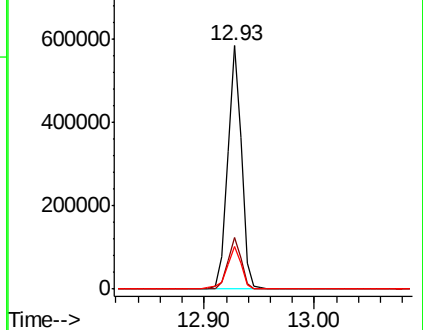
203 17.5 14.2 21.4

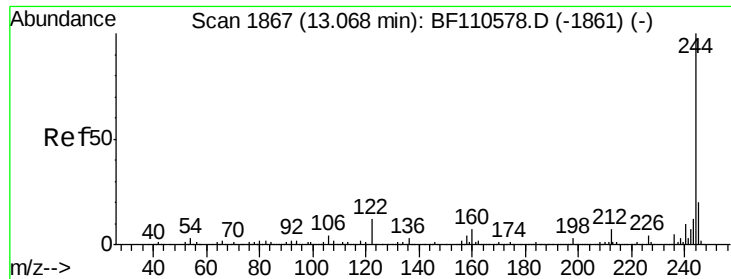


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.145 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

Instrument :

BNA_F

ClientSampleId :

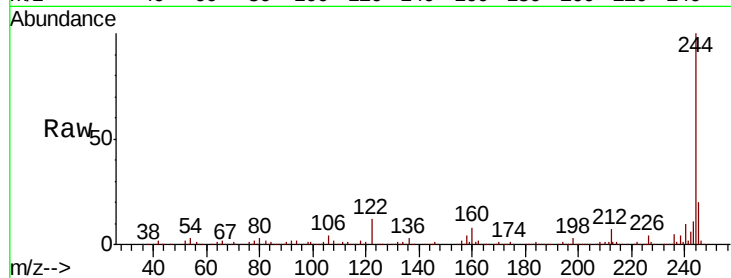
Tot Ion:244 Resp: 601167

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

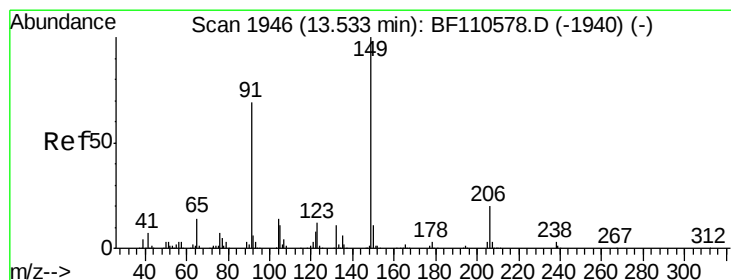
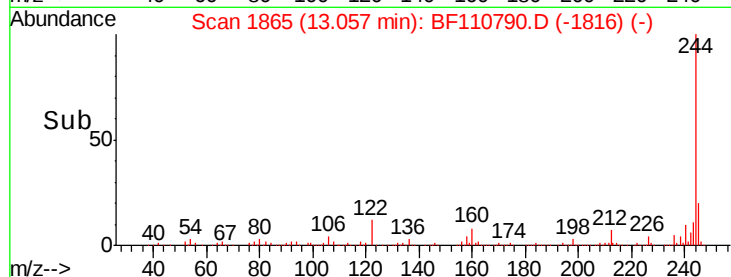
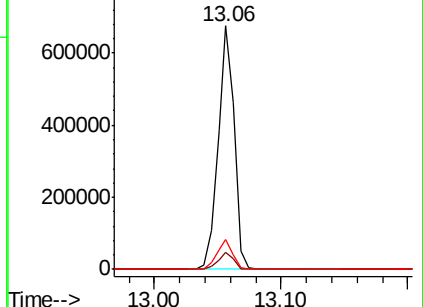
122 12.5 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.493 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

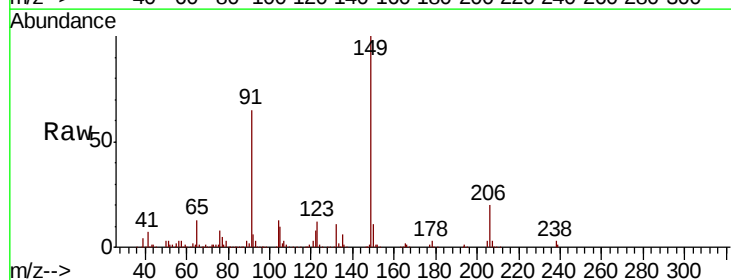
Tgt Ion:149 Resp: 234533

Ion Ratio Lower Upper

149 100

91 65.1 57.2 85.8

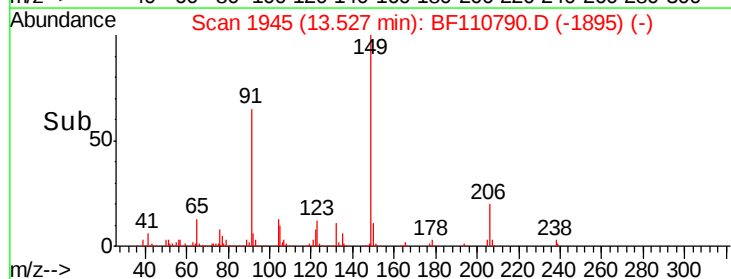
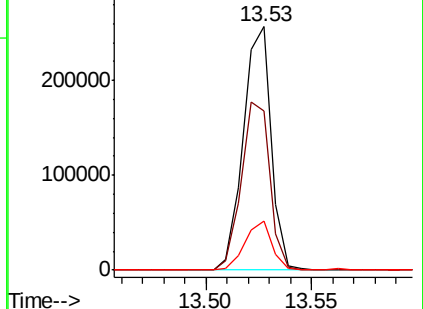
206 20.4 15.7 23.5

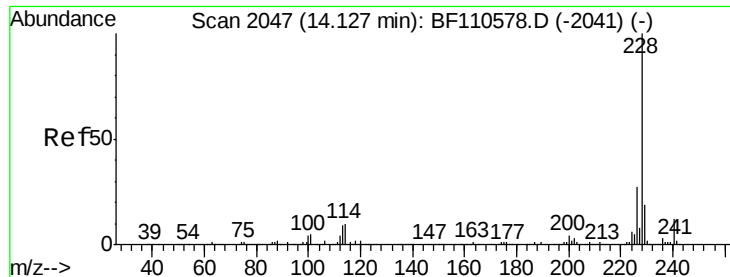


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.539 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

Instrument :

BNA_F

ClientSampled :

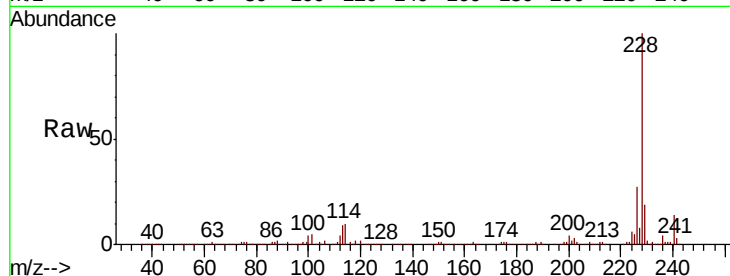
Tot Ion:228 Resp: 397228

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 19.0 15.6 23.4

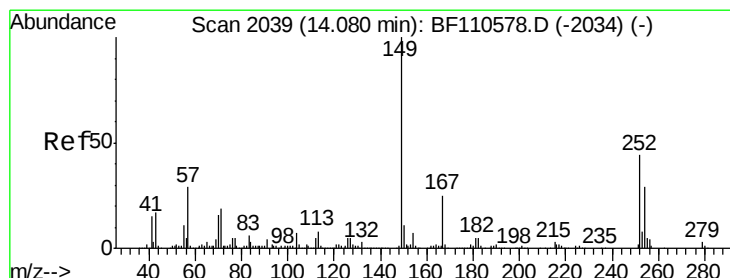
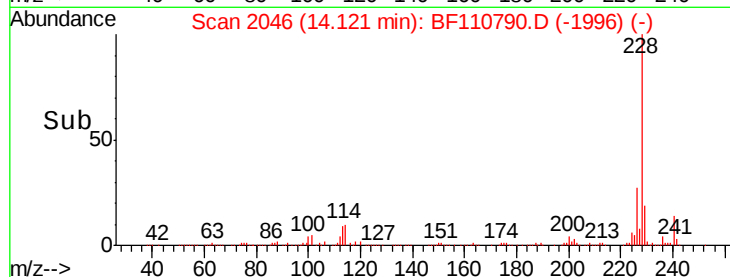
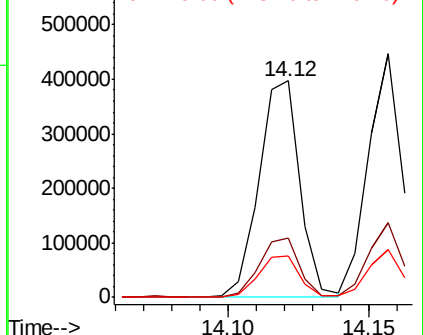


Abundance

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: 32.775 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

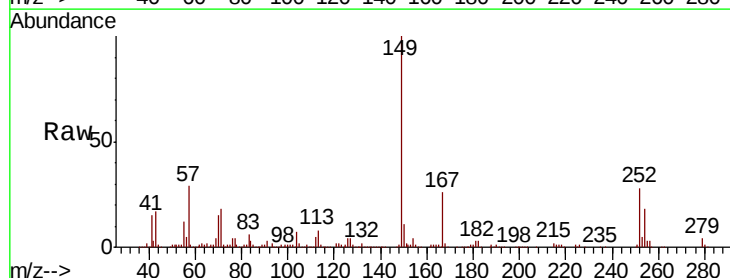
Tgt Ion:252 Resp: 95772

Ion Ratio Lower Upper

252 100

254 63.3 51.3 76.9

126 12.9 9.4 14.2

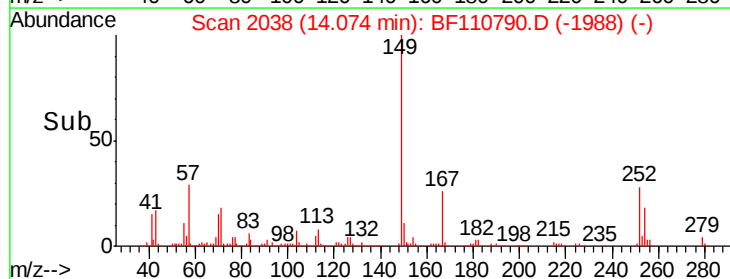
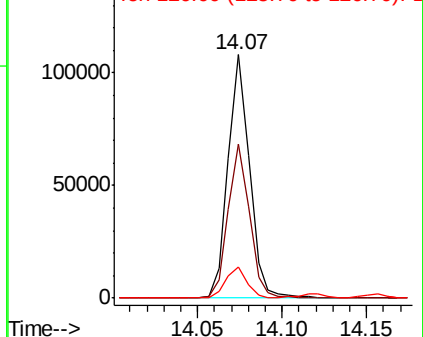


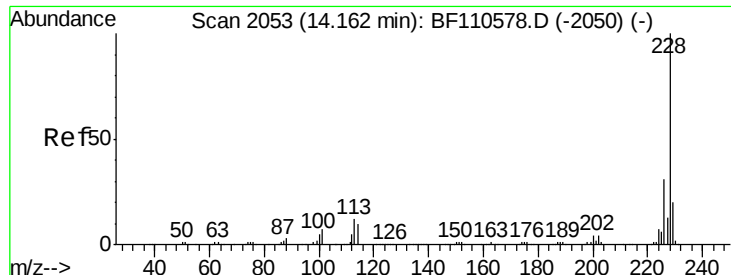
Abundance

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: 44.709 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

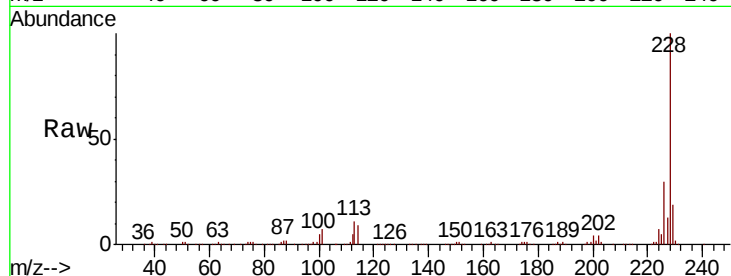
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 371547

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	19.5	15.9	23.9

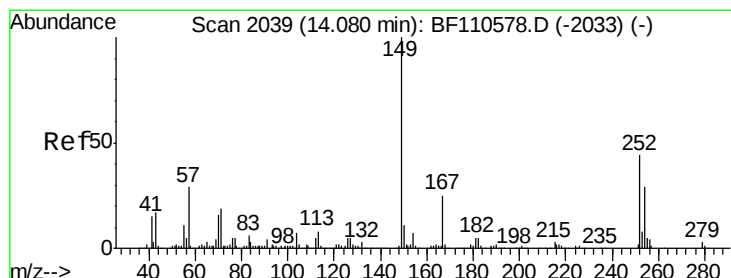
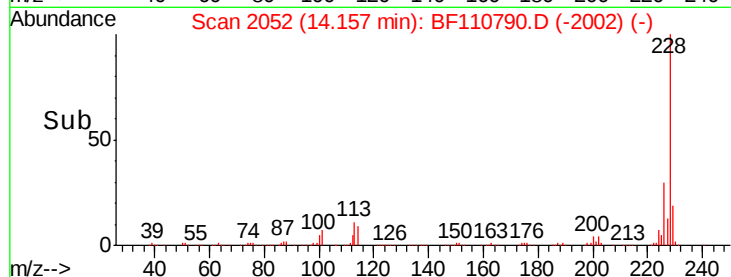
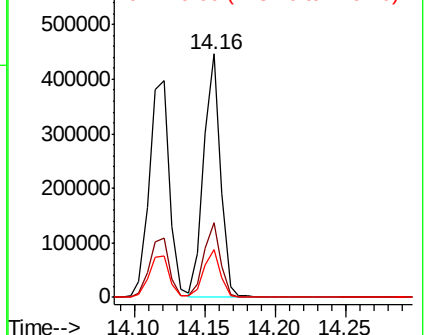


Abundance

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: 52.524 ng

RT: 14.07 min Scan# 2038

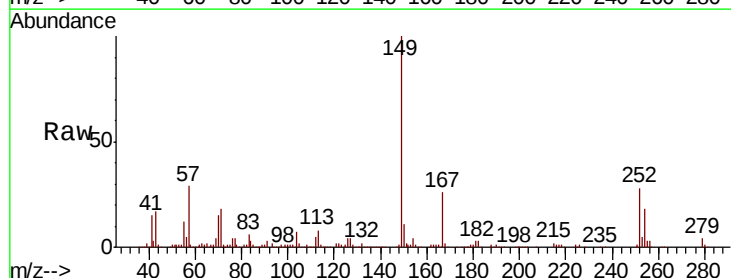
Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

Tgt Ion:149 Resp: 315133

Ion	Ratio	Lower	Upper
149	100		
167	26.3	19.8	29.8
279	3.6	2.7	4.1

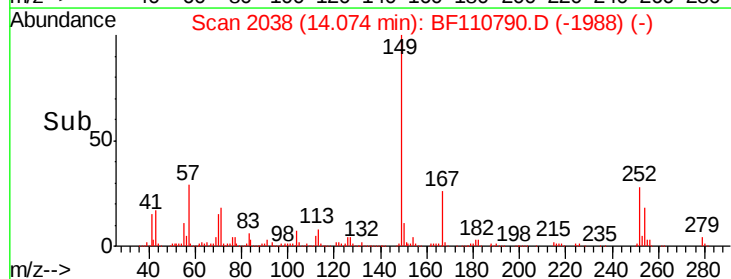
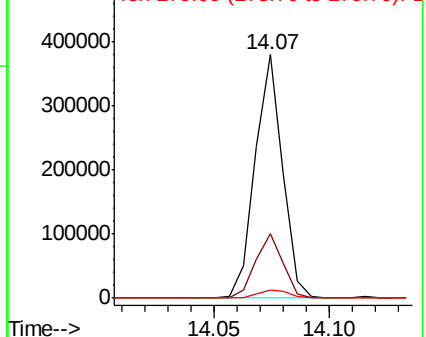


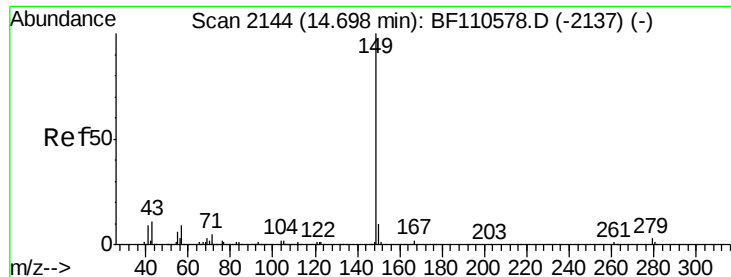
Abundance

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: 56.769 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

Instrument :

BNA_F

ClientSampleId :

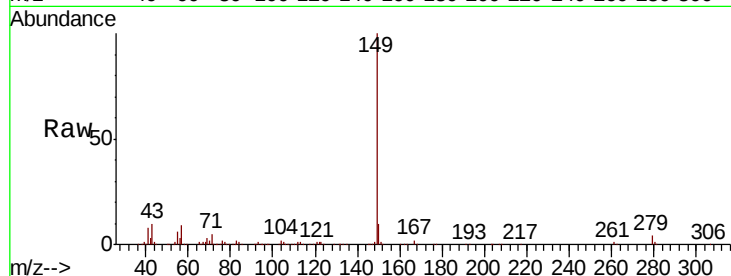
Tot Ion:149 Resp: 500863

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

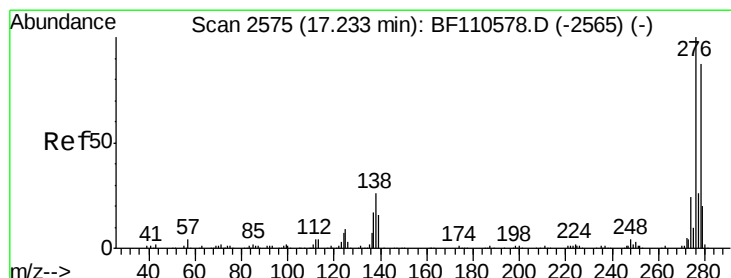
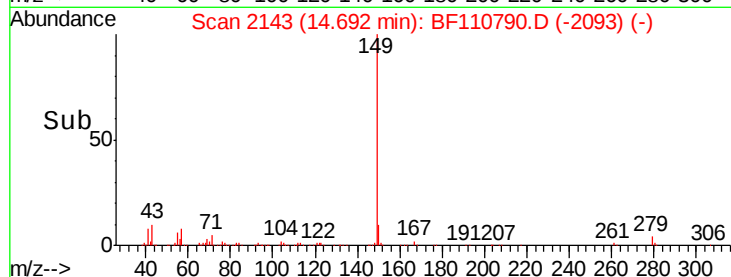
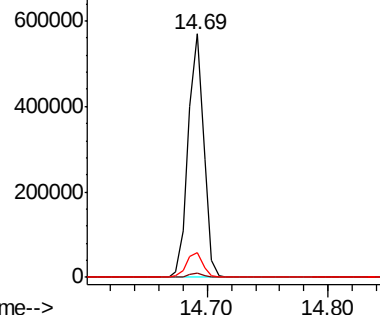
43 10.4 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 63.376 ng

RT: 17.23 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BF110790.D

Acq: 15 Nov 2018 16:05

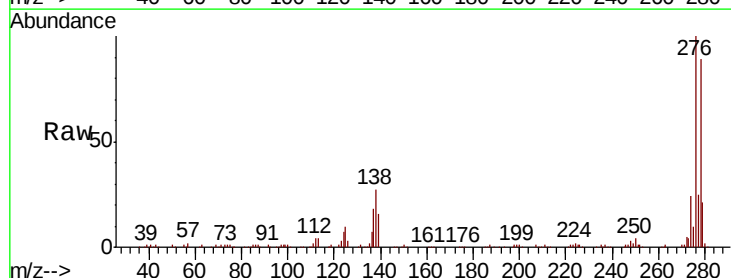
Tgt Ion:276 Resp: 377940

Ion Ratio Lower Upper

276 100

138 25.8 18.5 27.7

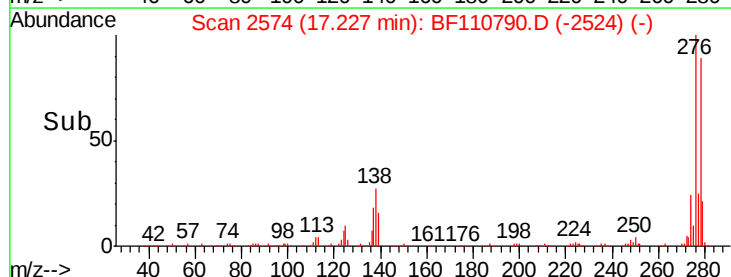
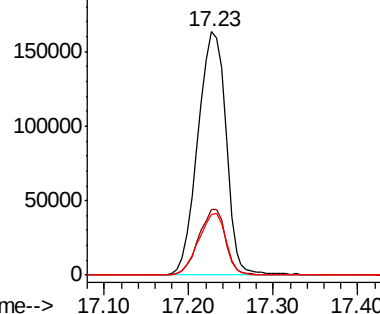
277 24.6 20.0 30.0

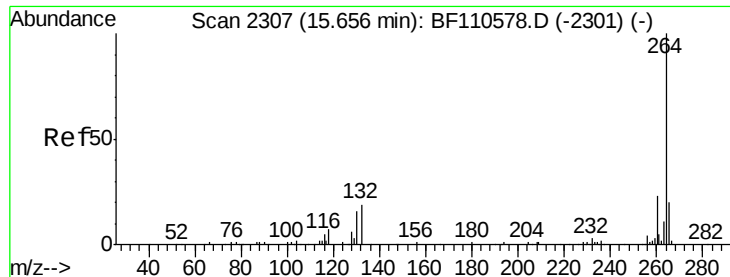


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



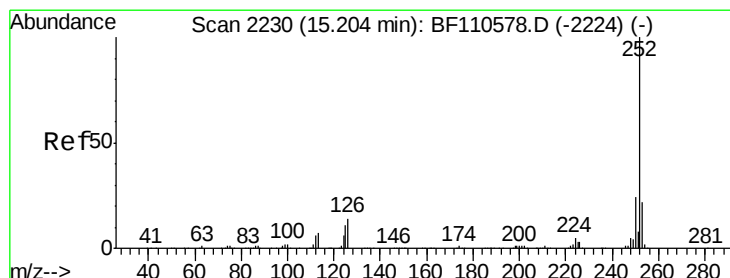
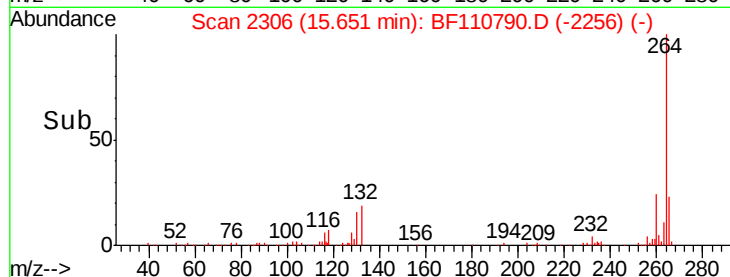
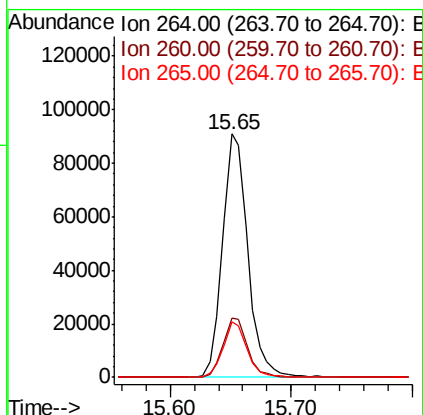
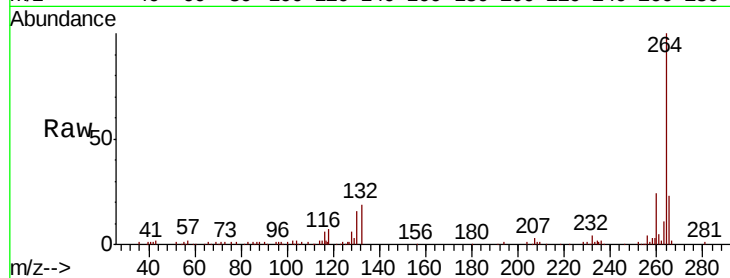


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 132189

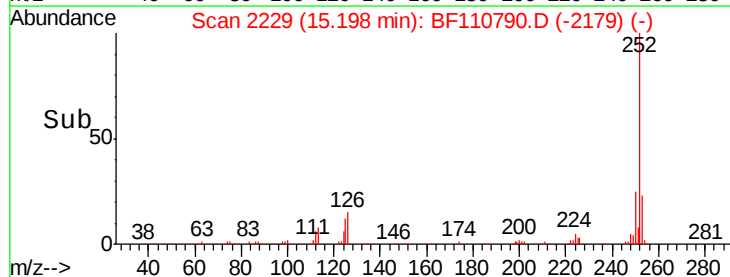
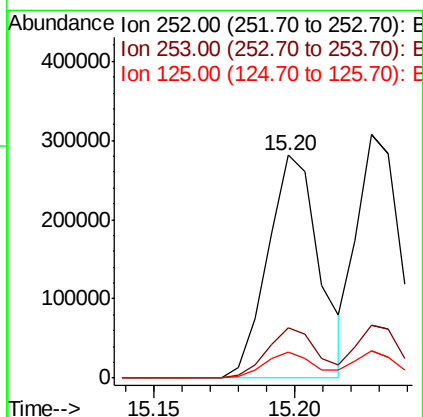
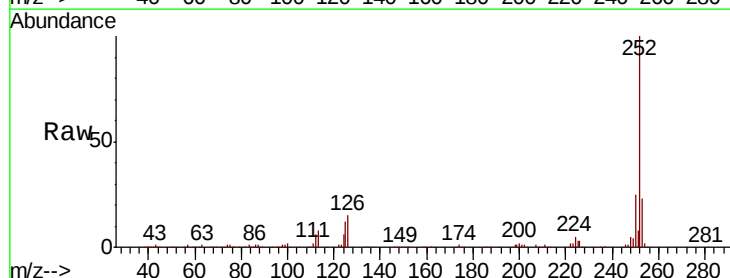
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.6	16.7	25.1

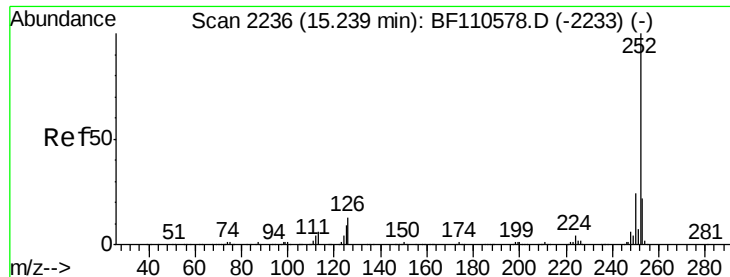


#88
Benzo(b)fluoranthene
Concen: 45.154 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Tgt Ion:252 Resp: 357078

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	11.6	8.2	12.4

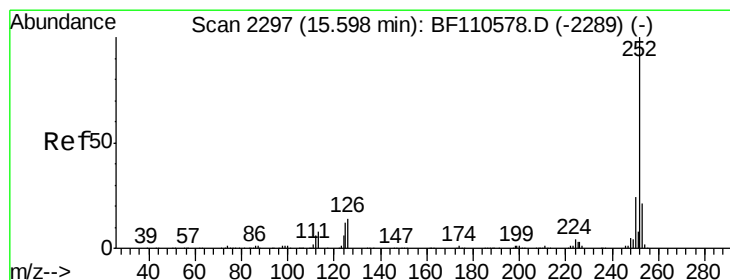
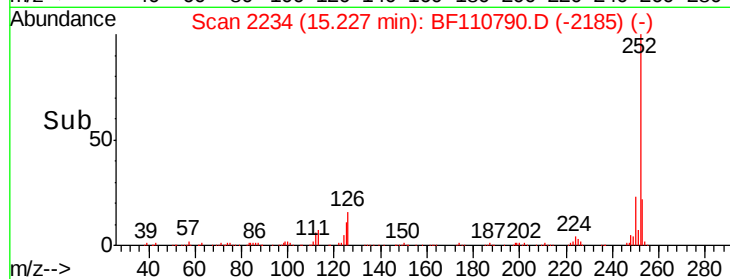
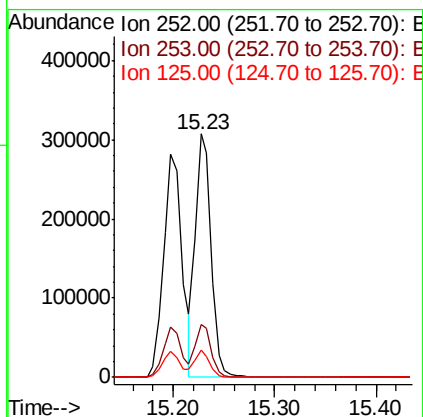
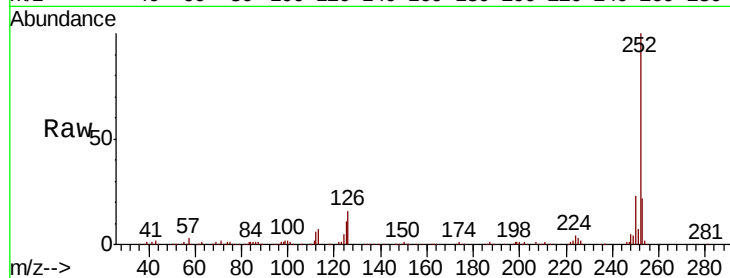




#89
Benzo(k)fluoranthene
Concen: 42.211 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

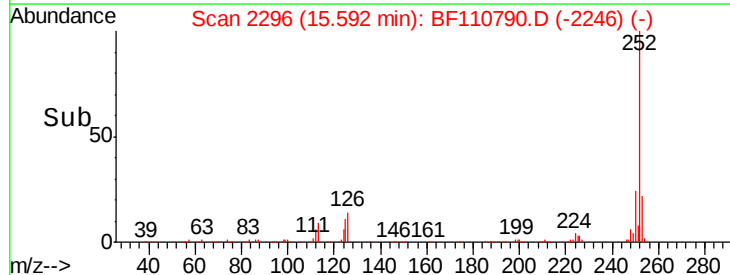
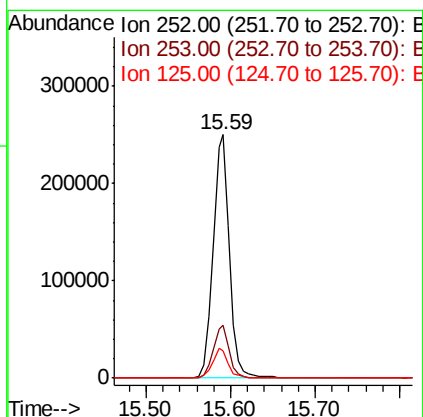
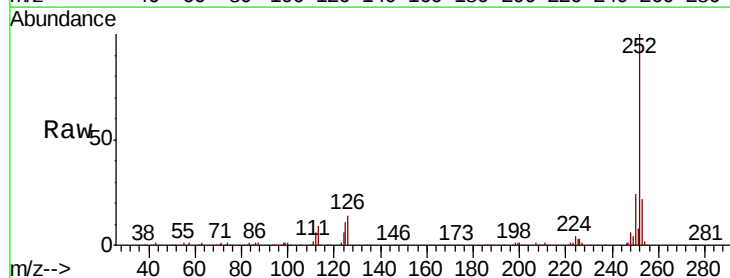
Instrument :
BNA_F
ClientSampleId :

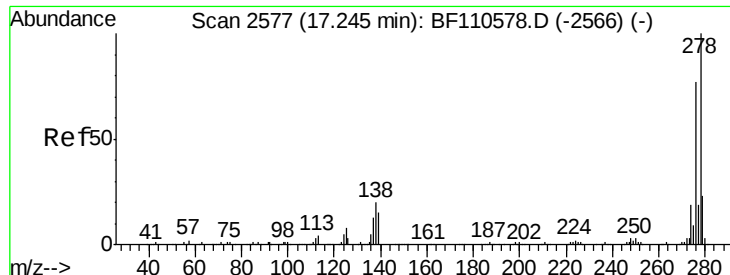
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	11.2	7.4	11.0



#90
Benzo(a)pyrene
Concen: 47.739 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	11.2	9.0	13.6

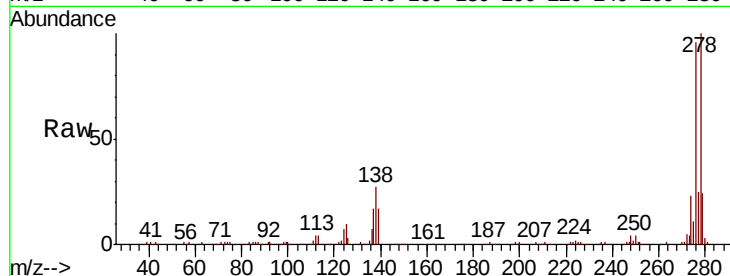




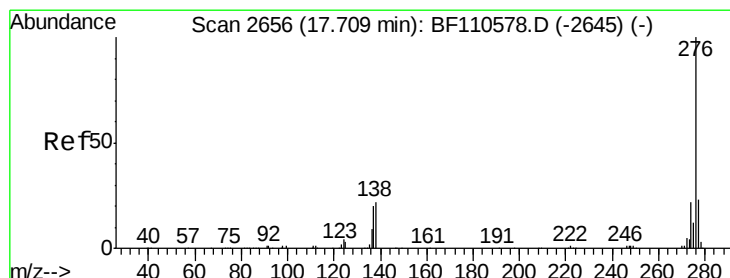
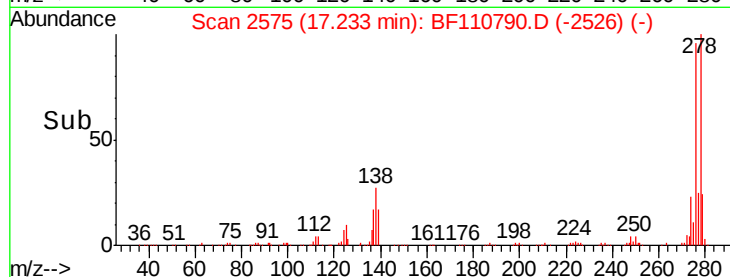
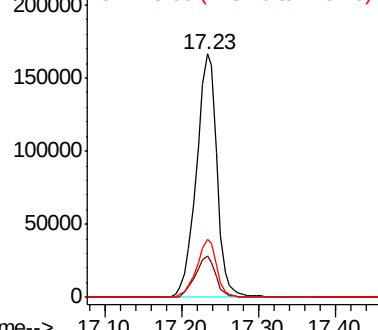
#91
Dibenzo(a,h)anthracene
Concen: 51.201 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	12.7	19.1
279	24.0	19.0	28.4

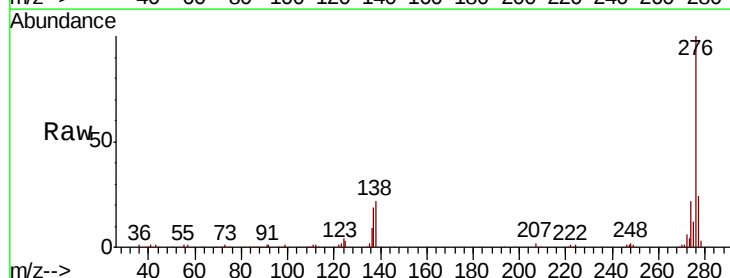


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.835 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.01 min
Lab File: BF110790.D
Acq: 15 Nov 2018 16:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	22.5	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

