

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110190.D
 Acq On : 26 Oct 2018 5:19
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 05:44:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	134613	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	521727	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	211327	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	341934	20.00	ng	-0.01
76) Chrysene-d12	14.16	240	243150	20.00	ng	0.00
87) Perylene-d12	15.68	264	182515	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	663569	80.27	ng	-0.01
7) Phenol-d6	6.60	99	808687	76.48	ng	0.00
23) Nitrobenzene-d5	7.54	82	710085	80.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.80	330	141957	67.81	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1184719	88.03	ng	-0.01
79) Terphenyl-d14	13.09	244	965602	82.59	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.80	88	165424	38.196	ng	90
3) Pyridine	3.59	79	382550	39.658	ng	86
4) n-Nitrosodimethylamine	3.55	42	165404	40.927	ng	94
6) Aniline	6.63	93	530680	38.529	ng	# 54
8) 2-Chlorophenol	6.76	128	376339	39.489	ng	99
9) Benzaldehyde	6.53	77	248259	40.608	ng	92
10) Phenol	6.61	94	442340	39.138	ng	# 63
11) bis(2-Chloroethyl)ether	6.70	93	362103	38.943	ng	94
12) 1,3-Dichlorobenzene	6.91	146	409289	39.024	ng	99
13) 1,4-Dichlorobenzene	6.99	146	411243	38.770	ng	97
14) 1,2-Dichlorobenzene	7.15	146	378783	38.467	ng	98
15) Benzyl Alcohol	7.11	79	302661	37.218	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	562606	37.843	ng	68
17) 2-Methylphenol	7.22	107	288354	37.965	ng	# 81
18) Hexachloroethane	7.48	117	113026	29.104	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	250185	36.883	ng	96
20) 3+4-Methylphenols	7.37	107	367901	37.473	ng	97
22) Acetophenone	7.38	105	481339	40.039	ng	# 98
24) Nitrobenzene	7.56	77	368651	40.594	ng	92
25) Isophorone	7.79	82	586452	39.113	ng	97
26) 2-Nitrophenol	7.87	139	128204	29.666	ng	92
27) 2,4-Dimethylphenol	7.90	122	275578	38.463	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	405596	39.819	ng	99
29) 2,4-Dichlorophenol	8.11	162	277465	38.331	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	317436	39.151	ng	95
31) Naphthalene	8.27	128	918855	38.213	ng	99
32) Benzoic acid	8.00	122	89264	16.120	ng	96
33) 4-Chloroaniline	8.32	127	406774	37.588	ng	99
34) Hexachlorobutadiene	8.39	225	182924	40.632	ng	98
35) Caprolactam	8.70	113	88860	35.221	ng	91
36) 4-Chloro-3-methylphenol	8.80	107	274526	35.072	ng	94
37) 2-Methylnaphthalene	8.97	142	575892	36.198	ng	99
38) 1-Methylnaphthalene	9.07	142	552410	35.931	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	277443	42.136	ng	98

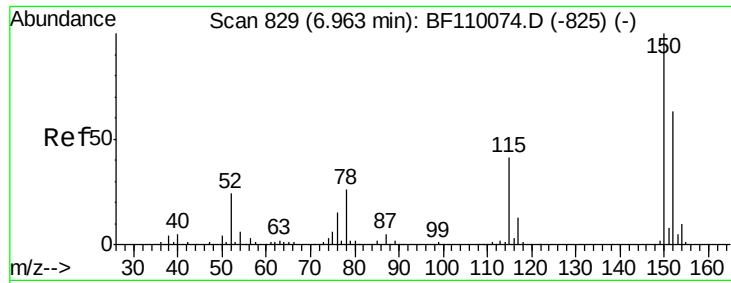
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110190.D
 Acq On : 26 Oct 2018 5:19
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
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Instrument :
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Quant Time: Oct 26 05:44:44 2018
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 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	13961	4.147	ng	92
43) 2,4,6-Trichlorophenol	9.25	196	169318	39.868	ng	96
44) 2,4,5-Trichlorophenol	9.29	196	166209	37.024	ng	93
46) 1,1'-Biphenyl	9.43	154	797819	41.748	ng	99
47) 2-Chloronaphthalene	9.46	162	570703	40.712	ng	98
48) 2-Nitroaniline	9.56	65	184107	43.341	ng	91
49) Acenaphthylene	9.87	152	792824	39.158	ng	99
50) Dimethylphthalate	9.73	163	644210	41.296	ng	99
51) 2,6-Dinitrotoluene	9.79	165	114462	34.064	ng	97
52) Acenaphthene	10.05	154	483175	36.073	ng	98
53) 3-Nitroaniline	9.97	138	165097	41.316	ng	91
54) 2,4-Dinitrophenol	10.07	184	1629	6.317	ng	83
55) Dibenzofuran	10.22	168	705653	37.629	ng	96
56) 4-Nitrophenol	10.12	139	89206	30.163	ng	90
57) 2,4-Dinitrotoluene	10.20	165	129211	30.274	ng	# 87
58) Fluorene	10.56	166	506252	36.273	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.29	232	121525	33.212	ng	96
60) Diethylphthalate	10.42	149	604586	39.703	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	283062	38.445	ng	98
62) 4-Nitroaniline	10.58	138	160709	40.436	ng	92
63) Azobenzene	10.71	77	540290	35.745	ng	98
65) 4,6-Dinitro-2-methylphenol	10.61	198	4207	2.693	ng	85
66) n-Nitrosodiphenylamine	10.67	169	487818	43.495	ng	98
67) 4-Bromophenyl-phenylether	11.04	248	155700	41.979	ng	96
68) Hexachlorobenzene	11.11	284	157150	39.933	ng	# 87
69) Atrazine	11.19	200	129853	36.637	ng	99
70) Pentachlorophenol	11.30	266	78967	34.412	ng	97
71) Phenanthrene	11.53	178	703781	39.336	ng	98
72) Anthracene	11.58	178	705163	39.321	ng	99
73) Carbazole	11.74	167	676510	38.636	ng	99
74) Di-n-butylphthalate	12.05	149	843757	42.666	ng	100
75) Fluoranthene	12.72	202	687279	37.850	ng	99
77) Benzidine	12.84	184	451808	Below	Cal	98
78) Pyrene	12.96	202	698968	40.097	ng	98
80) Butylbenzylphthalate	13.56	149	332477	43.943	ng	98
81) Benzo(a)anthracene	14.14	228	559882	38.829	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	223964	44.605	ng	99
83) Chrysene	14.18	228	526782	38.464	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	449656	43.964	ng	97
85) Di-n-octyl phthalate	14.73	149	717819	45.136	ng	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	378081	33.277	ng	95
88) Benzo(b)fluoranthene	15.23	252	420835	39.929	ng	100
89) Benzo(k)fluoranthene	15.26	252	426953	41.206	ng	97
90) Benzo(a)pyrene	15.62	252	381780	39.366	ng	98
91) Dibenzo(a,h)anthracene	17.26	278	322449	38.533	ng	98
92) Benzo(g,h,i)perylene	17.72	276	295564	35.843	ng	# 94

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

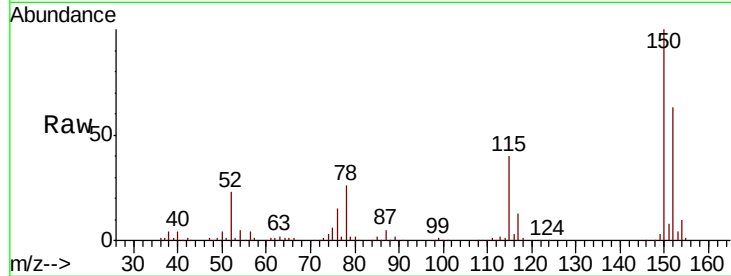


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.7	184.1
115	63.4	49.1	73.7

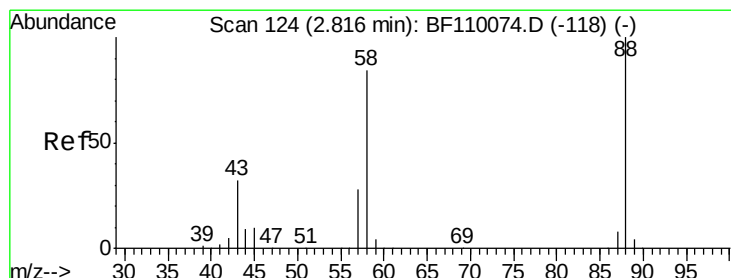
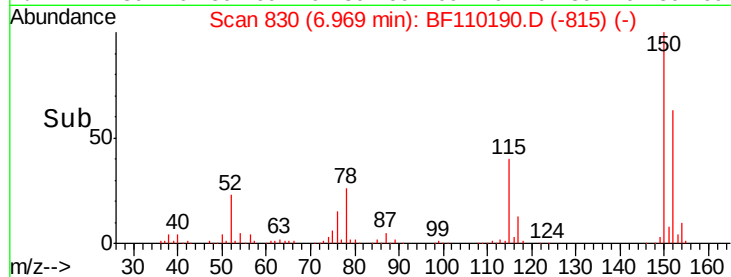
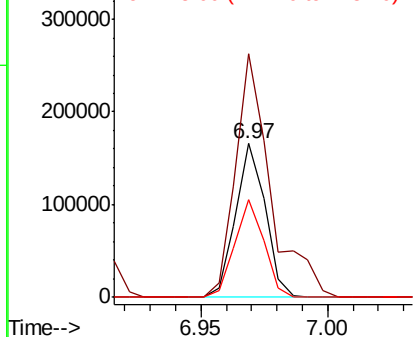


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

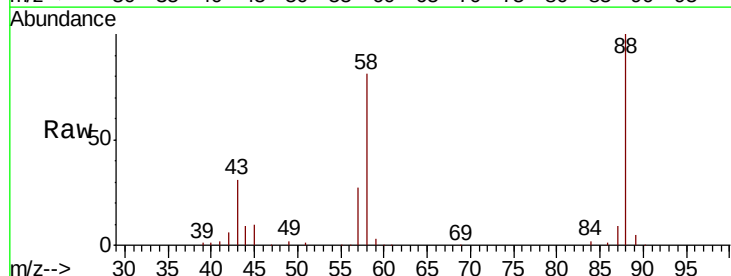
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.196 ng
RT: 2.80 min Scan# 122
Delta R.T. -0.04 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	57.1	85.7
43	32.2	24.1	36.1

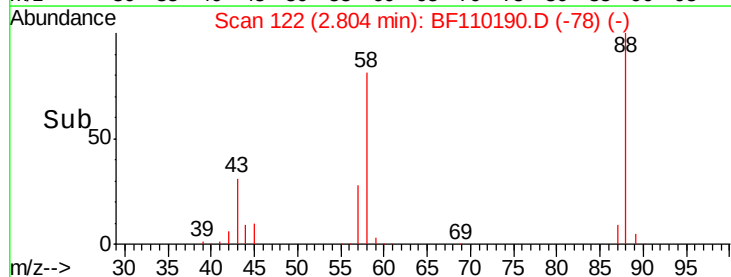
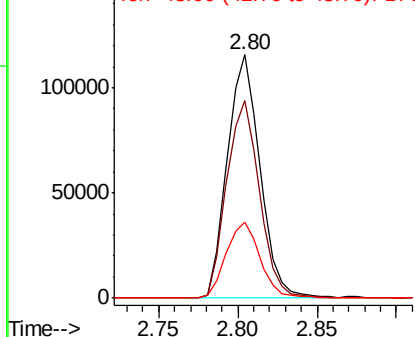


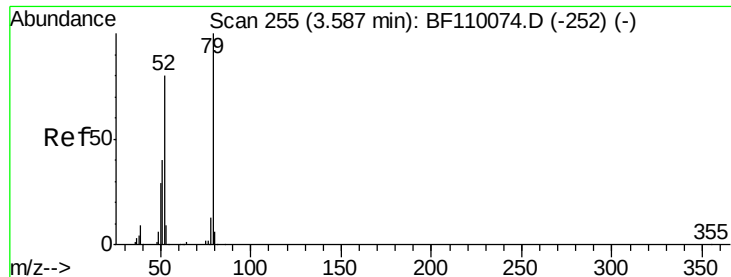
Abundance

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: 39.658 ng

RT: 3.59 min Scan# 255

Delta R.T. -0.03 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Instrument :

BNA_F

ClientSampleId :

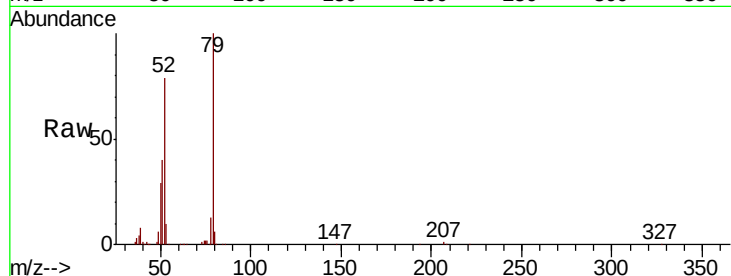
Tot Ion: 79 Resp: 382550

Ion Ratio Lower Upper

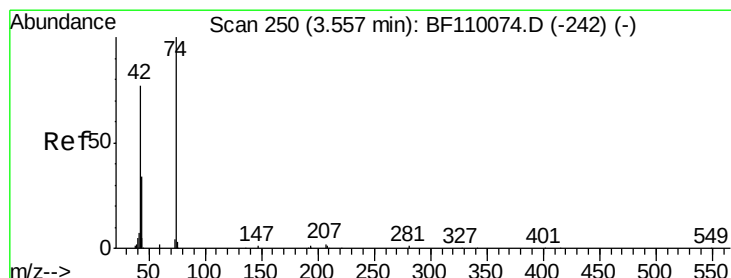
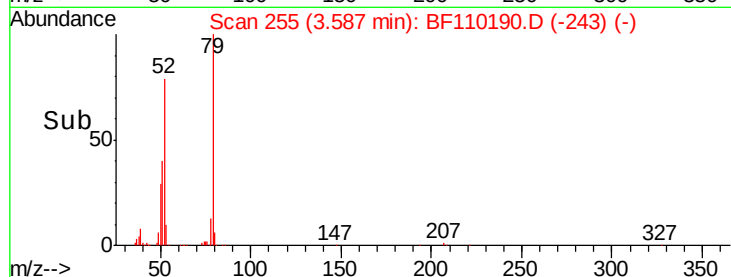
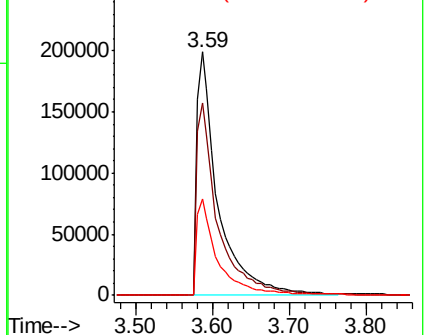
79 100

52 79.1 53.1 79.7

51 39.8 27.4 41.2



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



#4

n-Nitrosodimethylamine

Concen: 40.927 ng

RT: 3.55 min Scan# 249

Delta R.T. -0.03 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

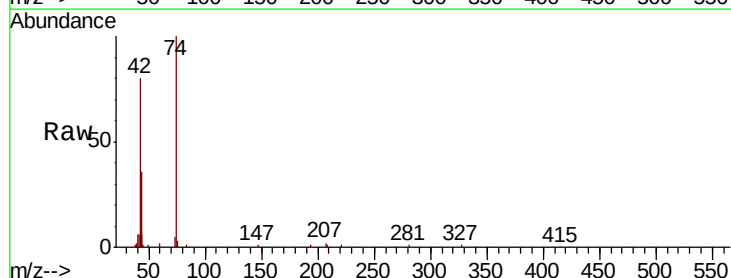
Tgt Ion: 42 Resp: 165404

Ion Ratio Lower Upper

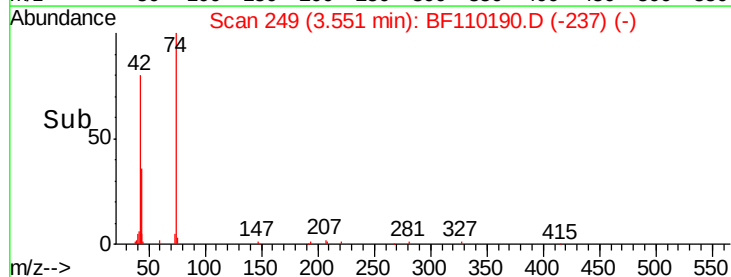
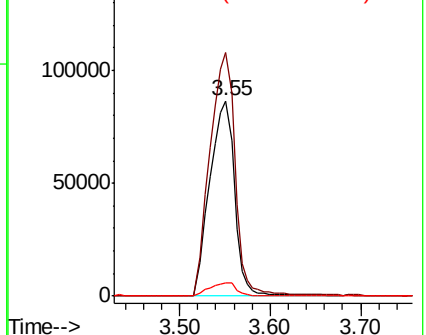
42 100

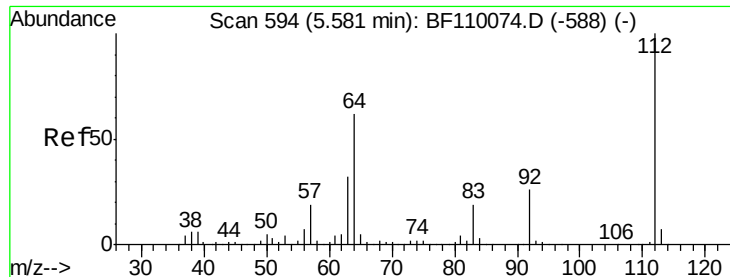
74 124.7 105.5 158.3

44 6.9 4.9 7.3



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





#5

2-Fluorophenol

Concen: 80.274 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Instrument :

BNA_F

ClientSampled :

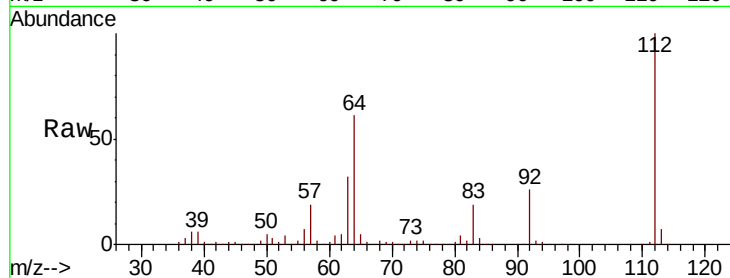
Tot Ion: 112 Resp: 663569

Ion Ratio Lower Upper

112 100

64 60.8 44.1 66.1

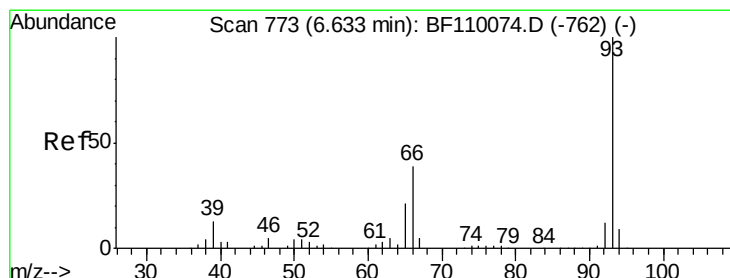
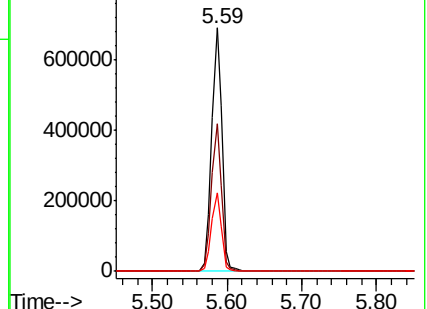
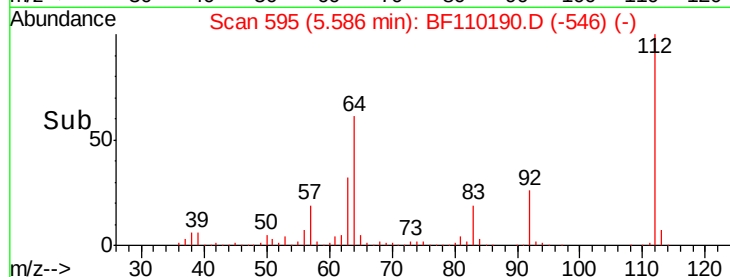
63 32.1 23.7 35.5



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: 38.529 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

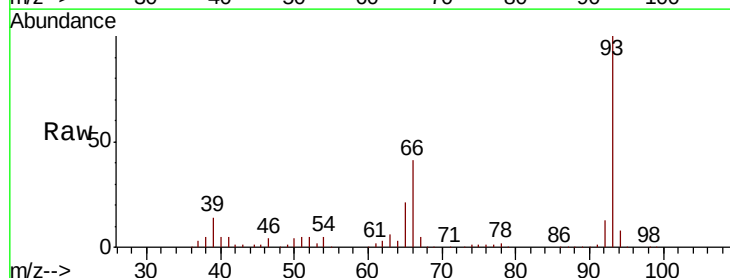
Tgt Ion: 93 Resp: 530680

Ion Ratio Lower Upper

93 100

66 41.0 67.4 101.0#

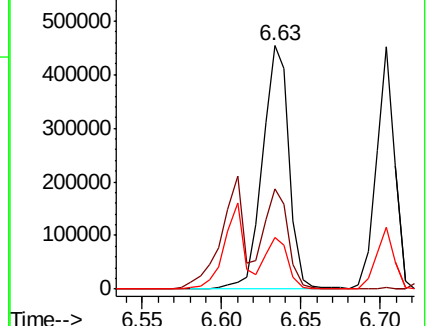
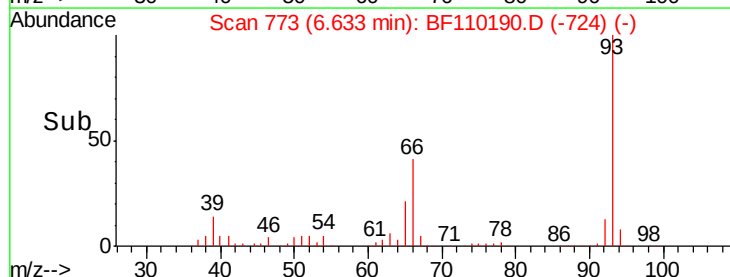
65 21.3 41.0 61.4#

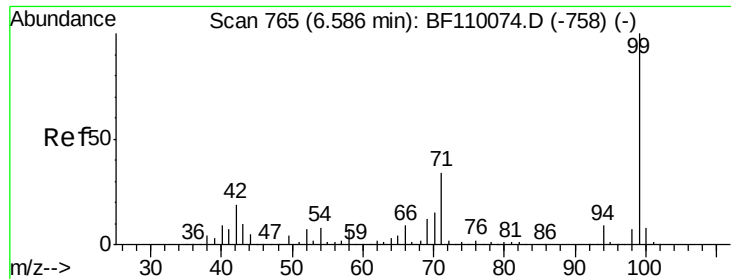


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.484 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Instrument :

BNA_F

ClientSampleId :

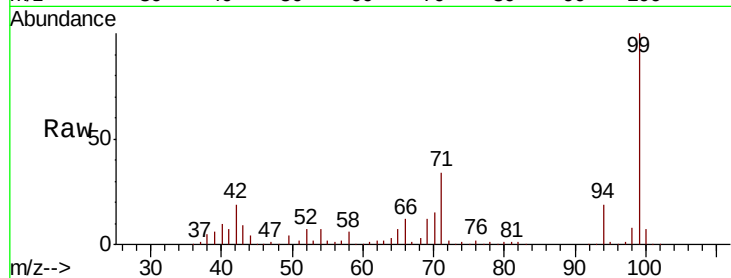
Tot Ion: 99 Resp: 808687

Ion Ratio Lower Upper

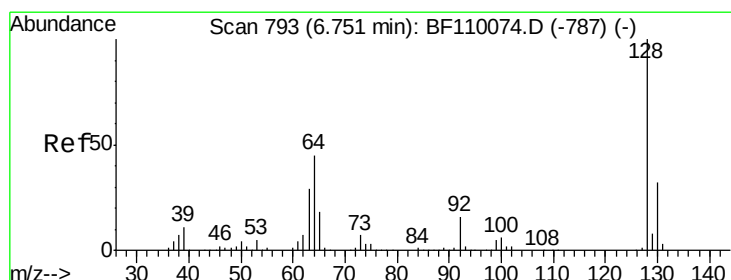
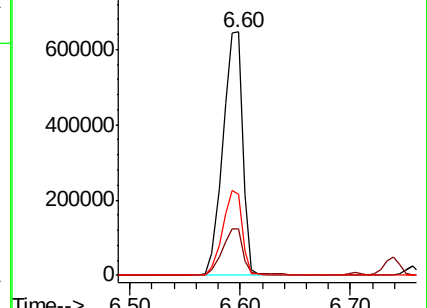
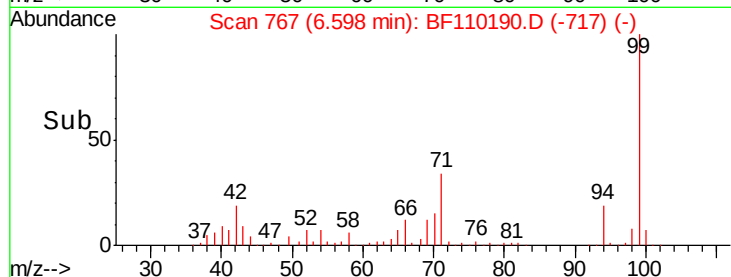
99 100

42 18.9 15.8 23.6

71 33.6 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: 39.489 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

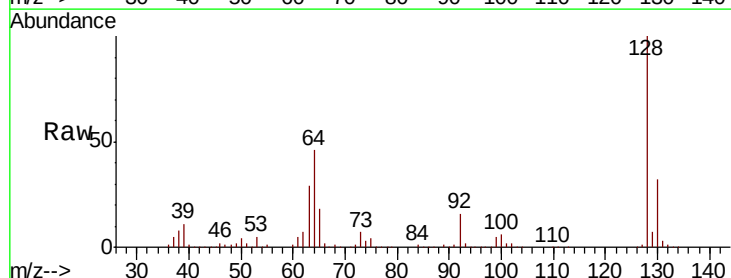
Tgt Ion: 128 Resp: 376339

Ion Ratio Lower Upper

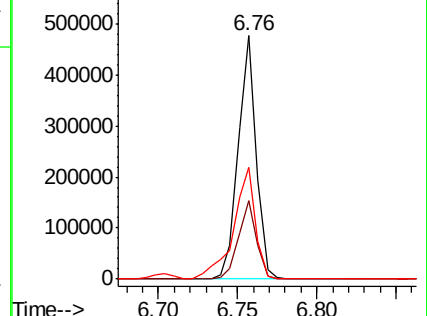
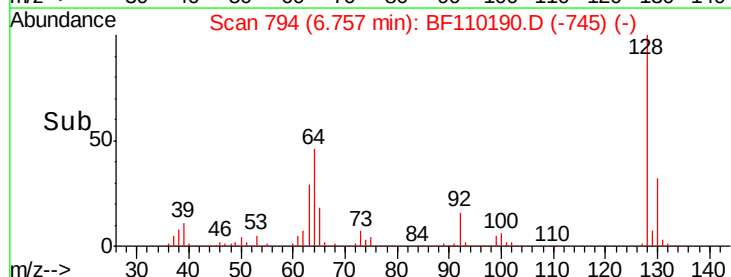
128 100

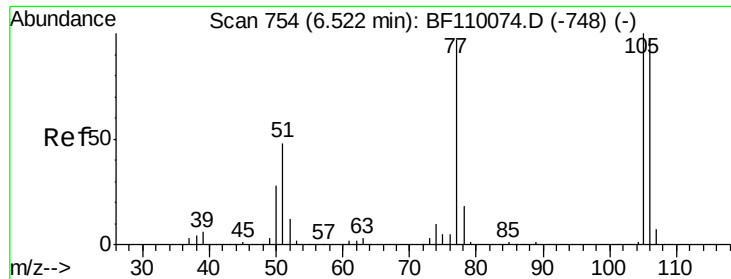
130 32.0 13.1 53.1

64 46.1 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: 40.608 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Instrument :

BNA_F

ClientSampleId :

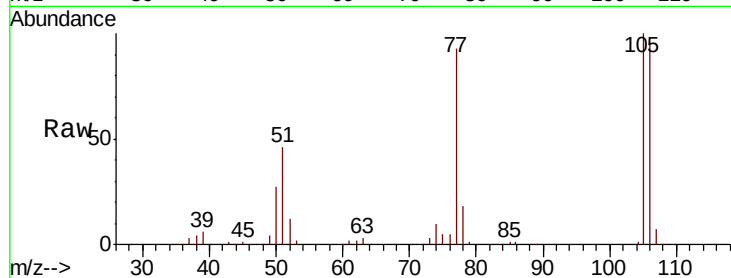
Tot Ion: 77 Resp: 248259

Ion Ratio Lower Upper

77 100

105 107.0 78.6 118.6

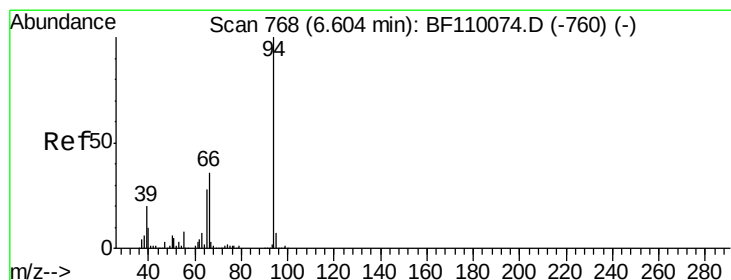
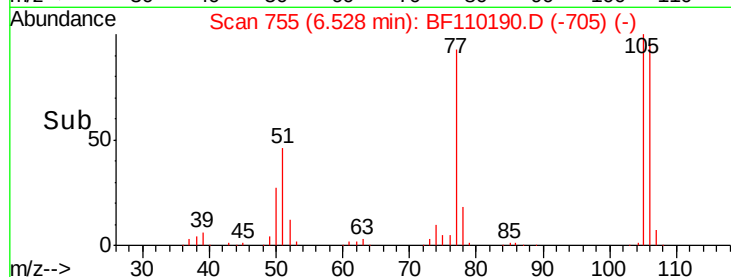
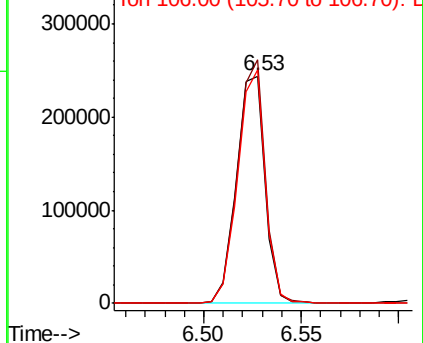
106 102.6 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.138 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

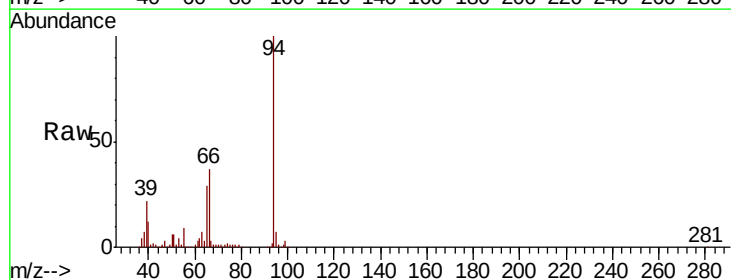
Tgt Ion: 94 Resp: 442340

Ion Ratio Lower Upper

94 100

65 28.7 25.3 65.3

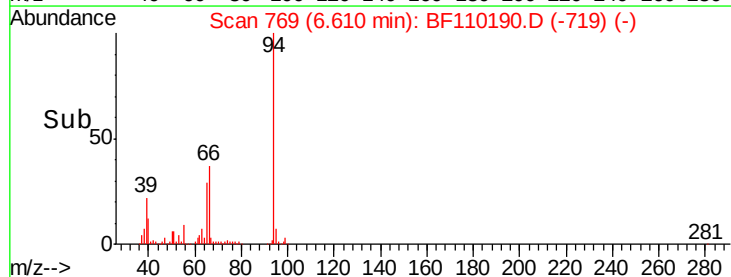
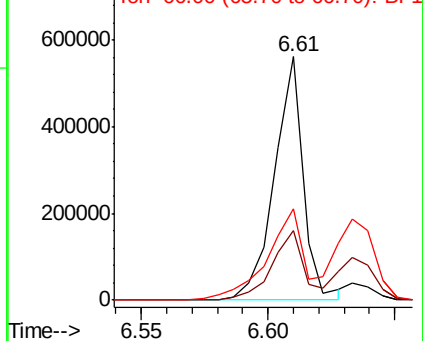
66 37.4 54.5 94.5#

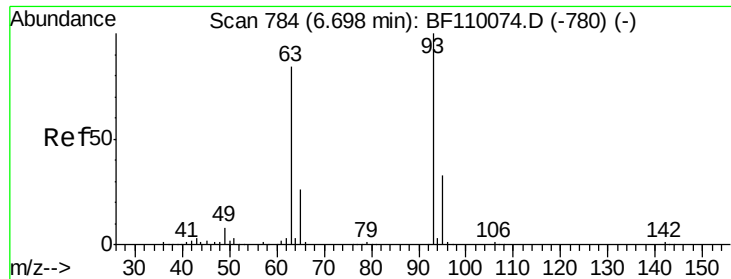


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.943 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Instrument :

BNA_F

ClientSampleId :

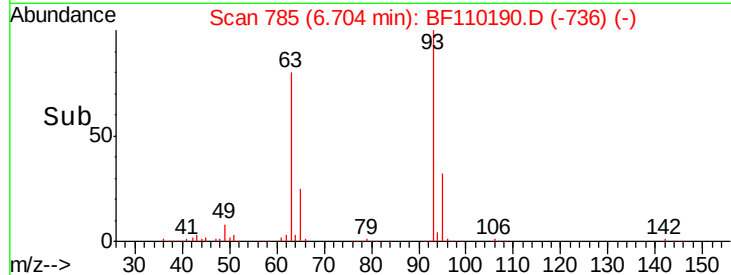
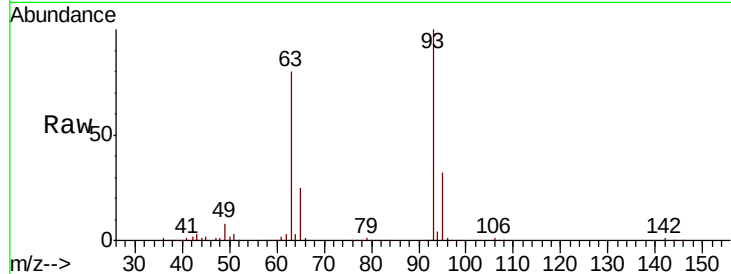
Tot Ion: 93 Resp: 362103

Ion Ratio Lower Upper

93 100

63 80.4 53.4 93.4

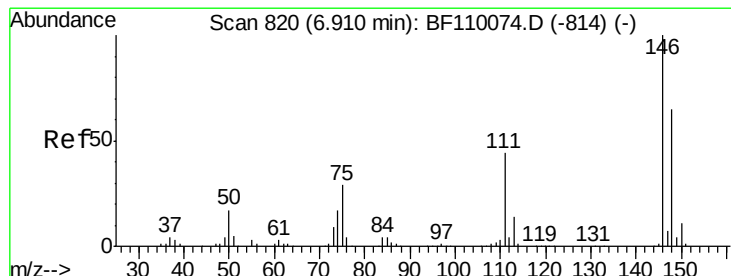
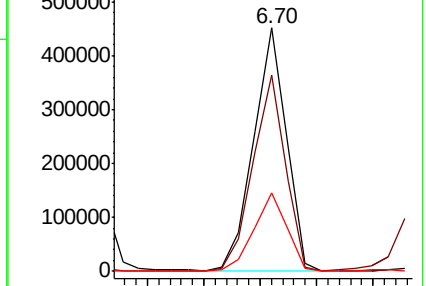
95 32.4 12.1 52.1



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: 39.024 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

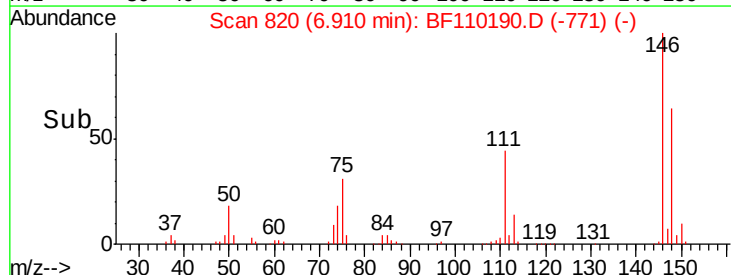
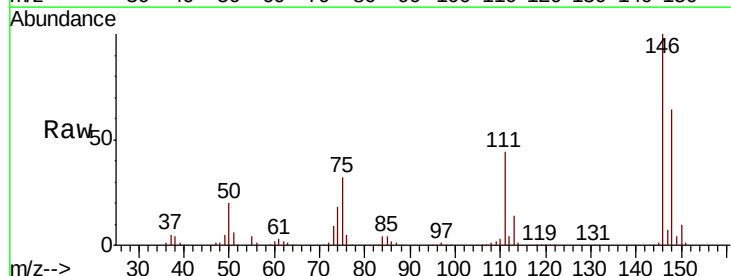
Tgt Ion: 146 Resp: 409289

Ion Ratio Lower Upper

146 100

148 64.0 50.4 75.6

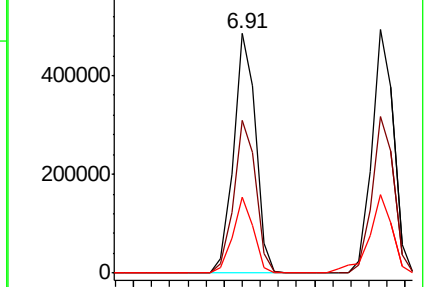
75 31.6 25.8 38.6

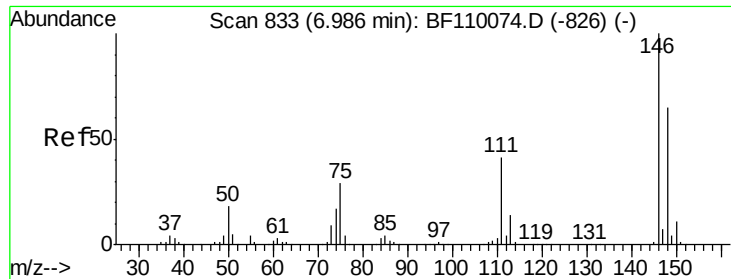


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

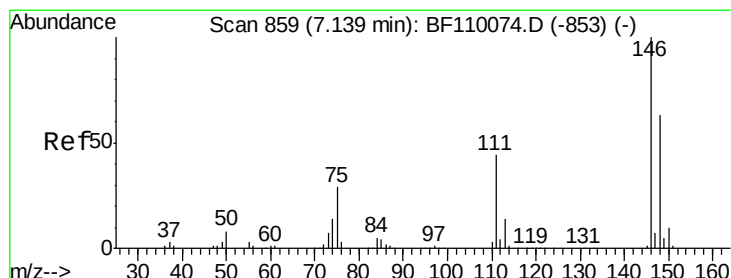
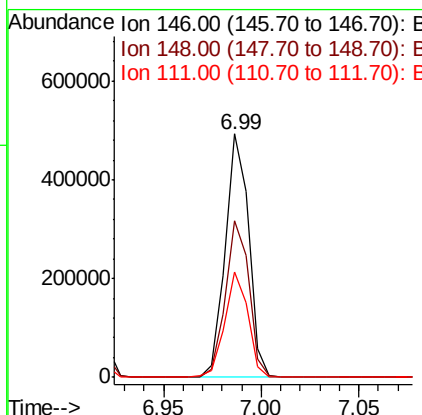
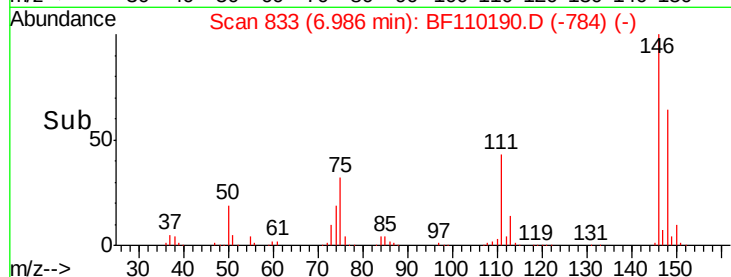
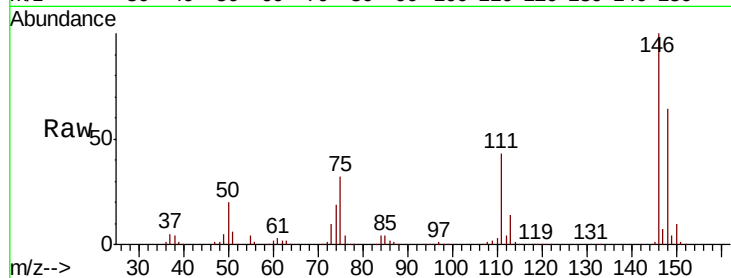




#13
 1,4-Dichlorobenzene
 Concen: 38.770 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110190.D
 Acq: 26 Oct 2018 5:19

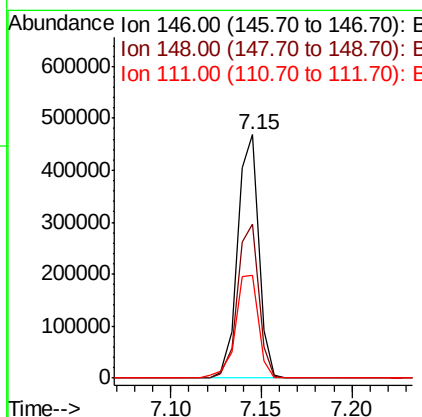
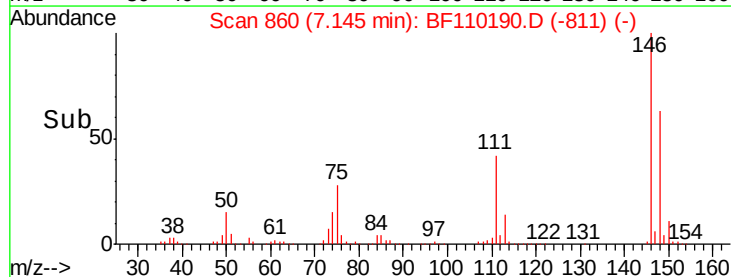
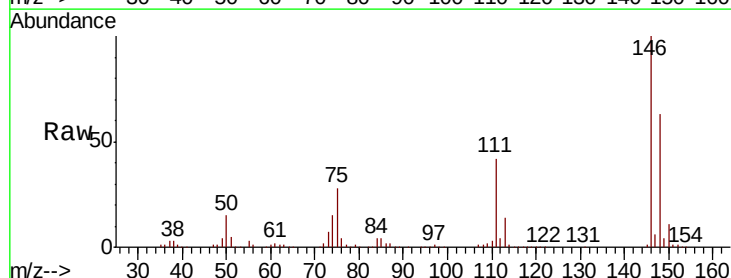
Instrument :
 BNA_F
 ClientSampleId :

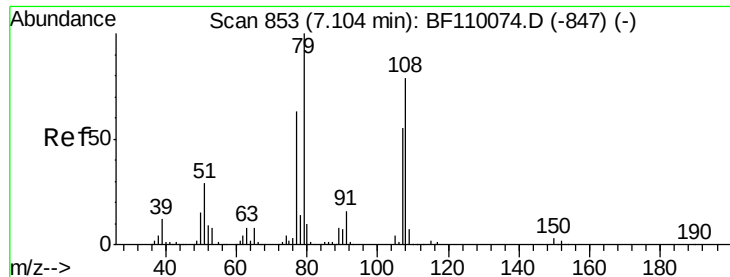
Tot Ion:146 Resp: 411243
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.3 75.5
 111 43.3 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 38.467 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF110190.D
 Acq: 26 Oct 2018 5:19

Tgt Ion:146 Resp: 378783
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.1 76.7
 111 42.3 35.8 53.6





#15

Benzyl Alcohol

Concen: 37.218 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Instrument :

BNA_F

ClientSampled :

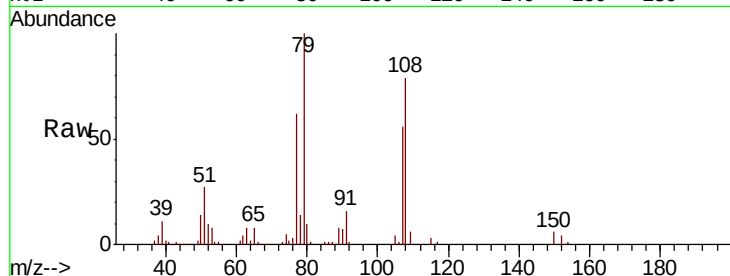
Tot Ion: 79 Resp: 302661

Ion Ratio Lower Upper

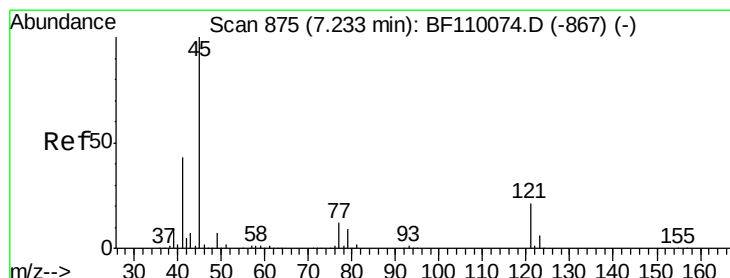
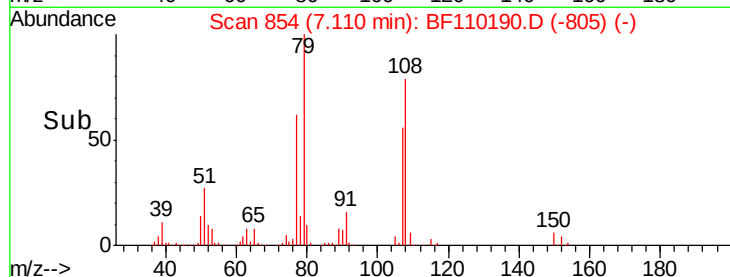
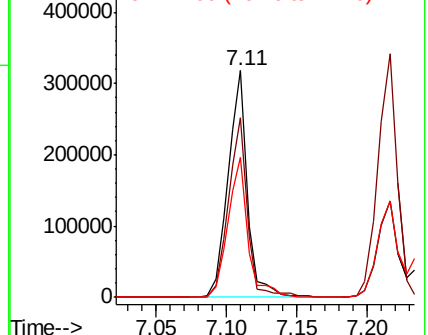
79 100

108 79.2 56.3 84.5

77 61.9 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.843 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

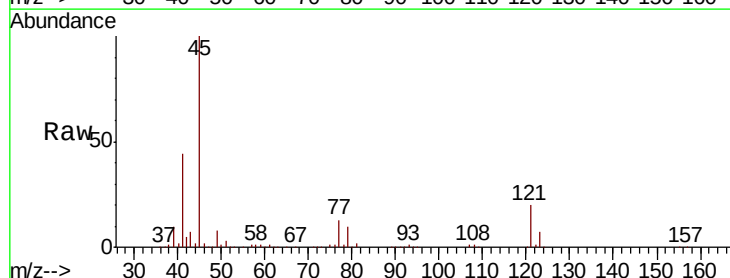
Tgt Ion: 45 Resp: 562606

Ion Ratio Lower Upper

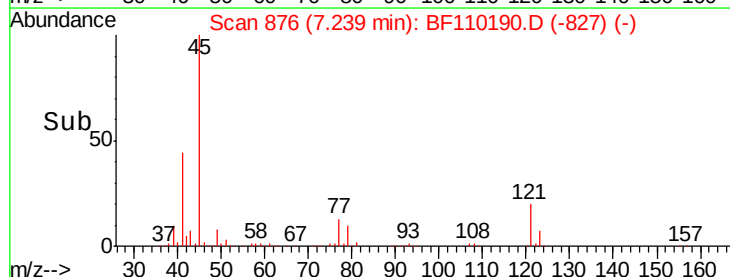
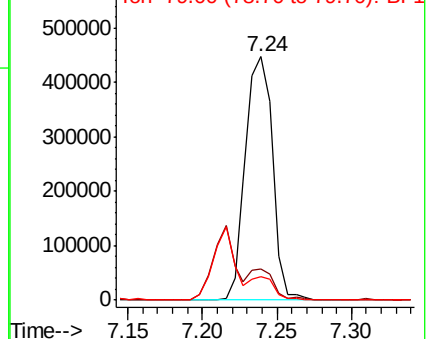
45 100

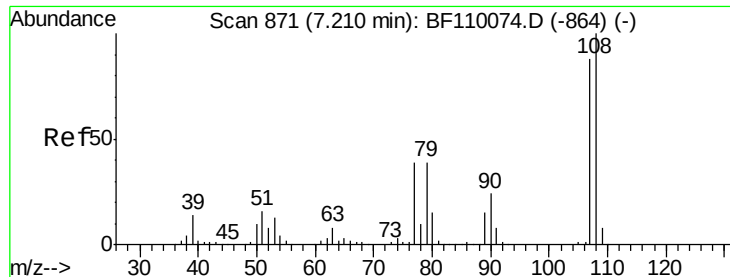
77 13.0 10.0 50.0

79 9.8 6.1 46.1



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

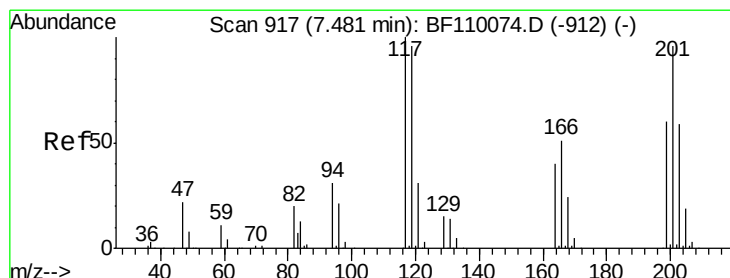
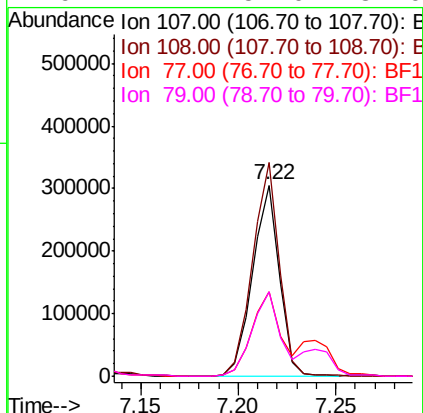
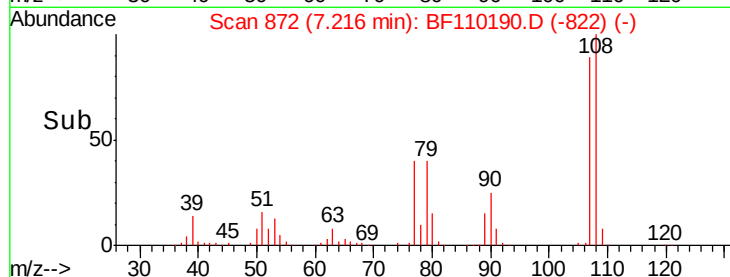
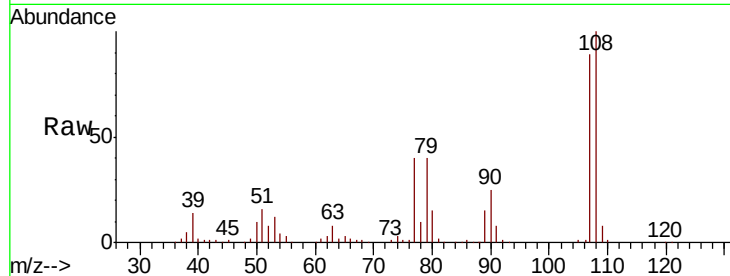




#17
2-Methylphenol
Concen: 37.965 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

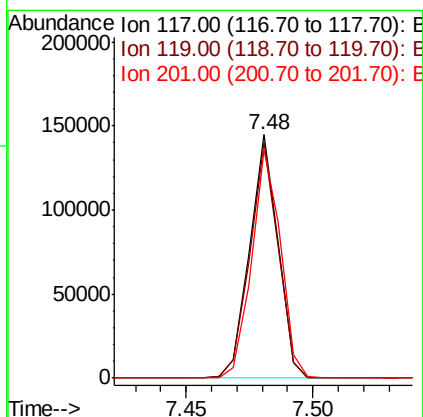
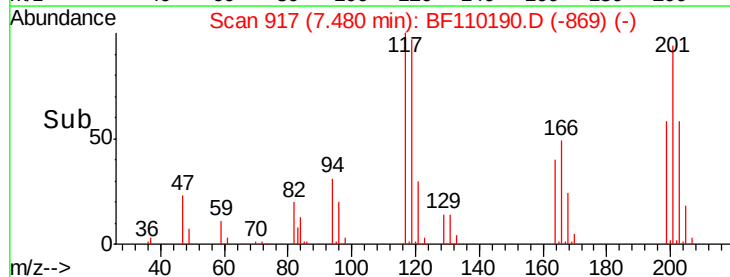
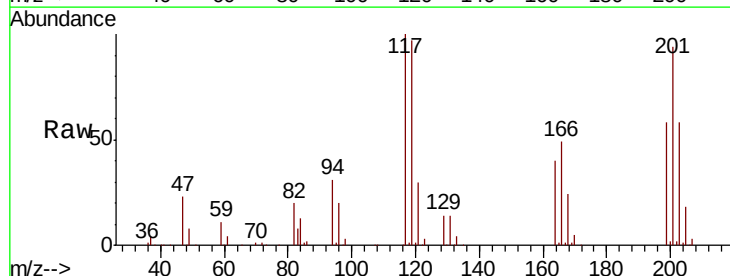
Instrument :
BNA_F
ClientSampleId :

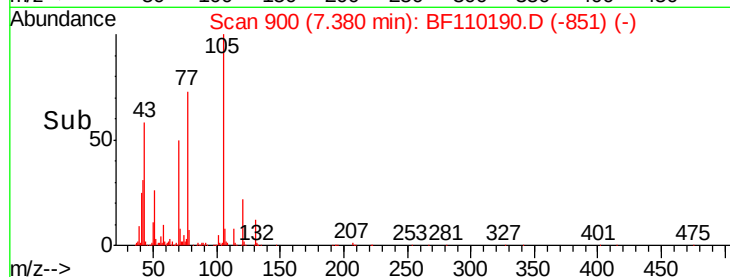
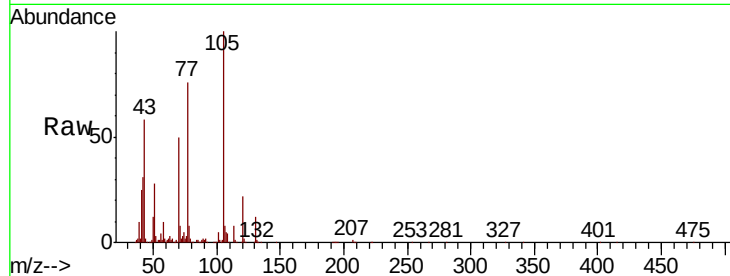
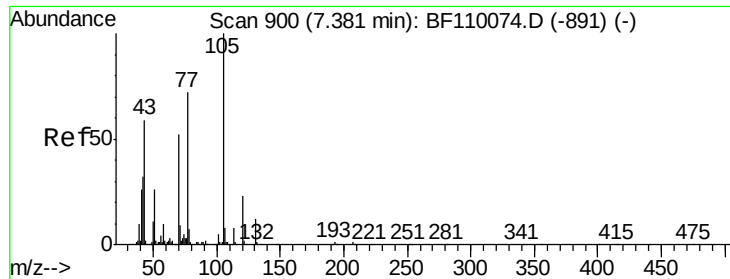
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.0	92.6	138.8
77	44.6	59.4	89.2#
79	44.4	54.0	81.0#



#18
Hexachloroethane
Concen: 29.104 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.0	112.6
201	93.8	79.2	118.8

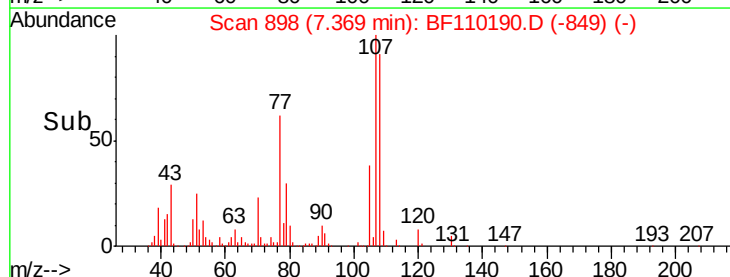
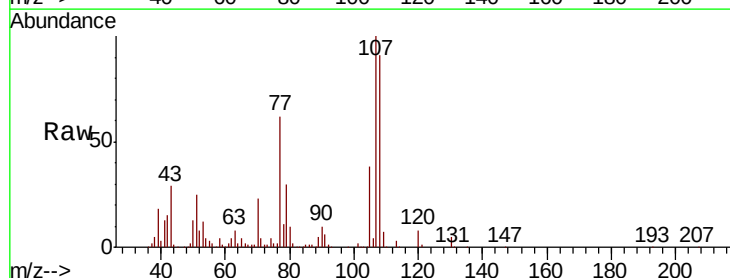
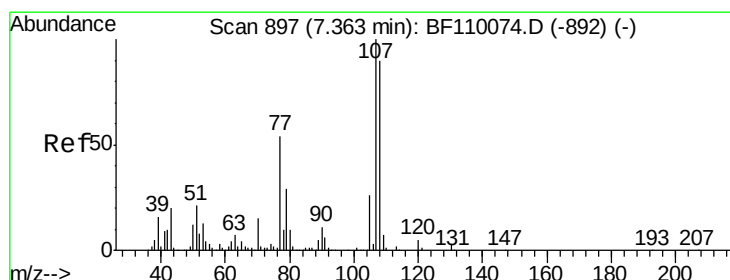
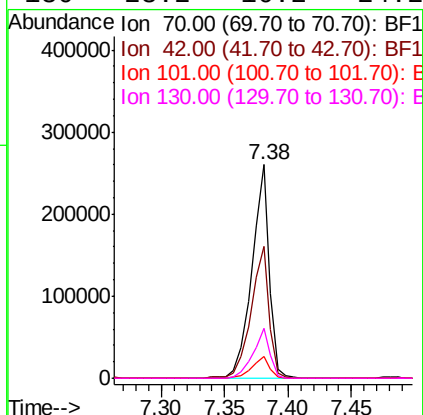




#19
n-Nitroso-di-n-propylamine
Concen: 36.883 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

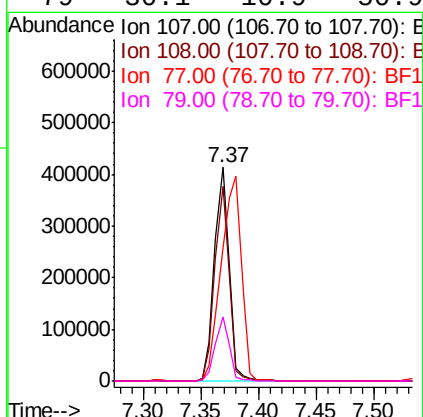
Instrument :
BNA_F
ClientSampleId :

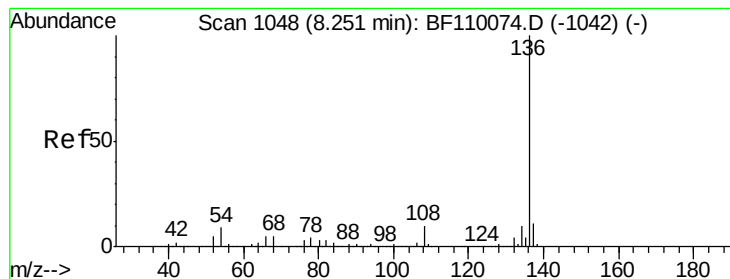
Tot Ion:	70	Resp:	250185
Ion	Ratio	Lower	Upper
70	100		
42	61.7	47.4	71.2
101	10.1	7.3	10.9
130	23.2	16.2	24.2



#20
3+4-Methylphenols
Concen: 37.473 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion:	107	Resp:	367901
Ion	Ratio	Lower	Upper
107	100		
108	90.9	71.4	111.4
77	62.1	47.3	87.3
79	30.1	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 521727

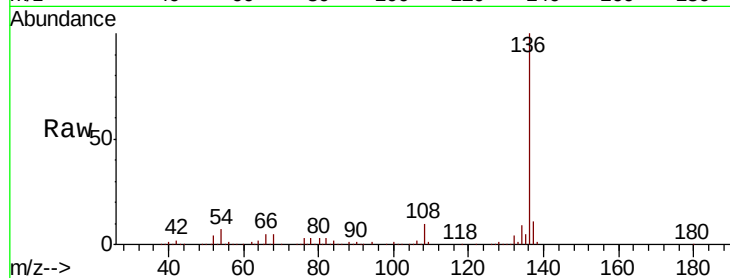
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.5 5.4 8.2

68 5.2 4.2 6.2

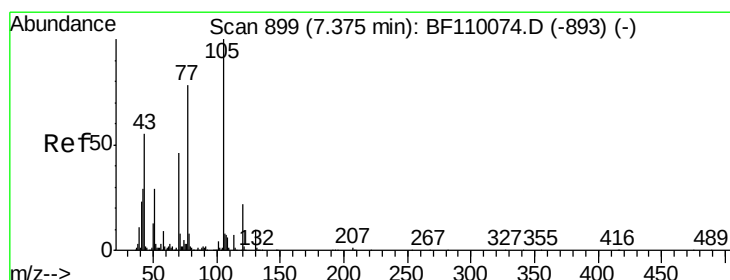
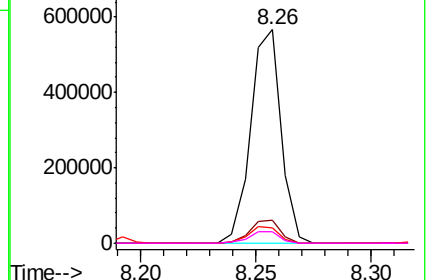
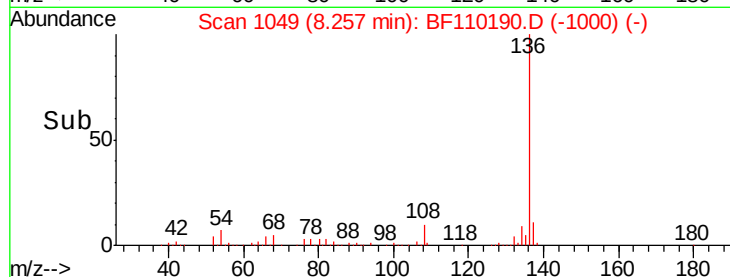


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.039 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Tgt Ion:105 Resp: 481339

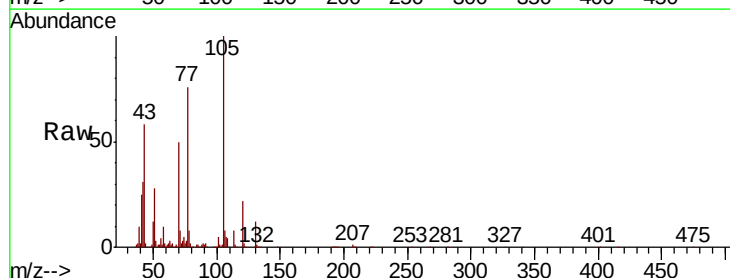
Ion Ratio Lower Upper

105 100

71 8.2 5.2 7.8#

51 27.8 21.8 32.8

120 22.1 17.0 25.4

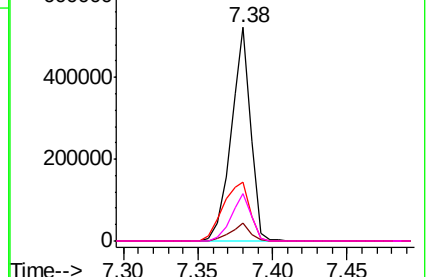
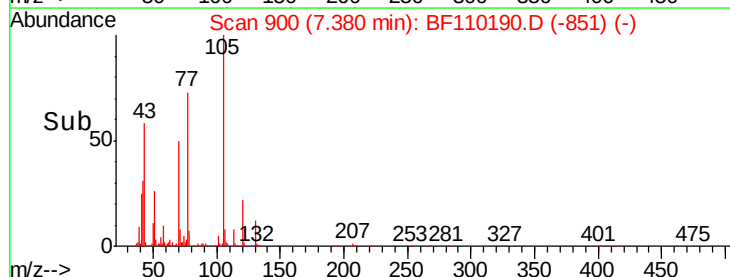


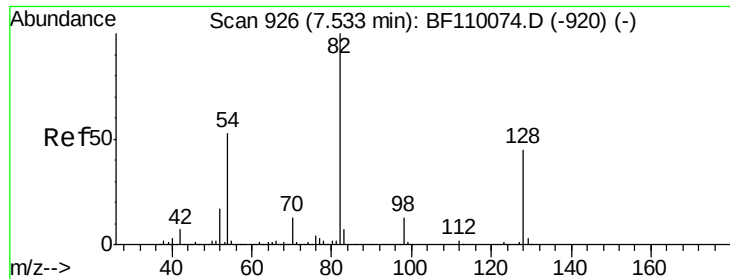
Abundance Ion 105.00 (104.70 to 105.70): E

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

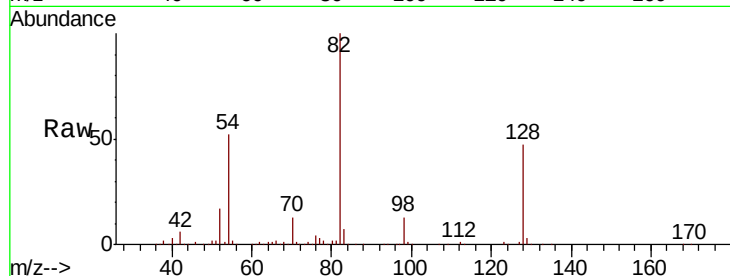




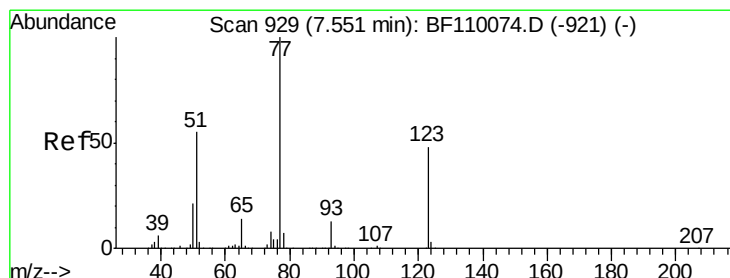
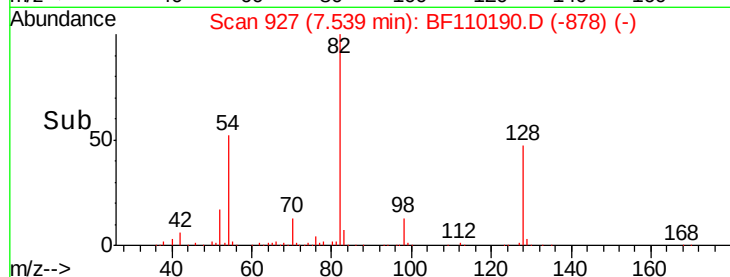
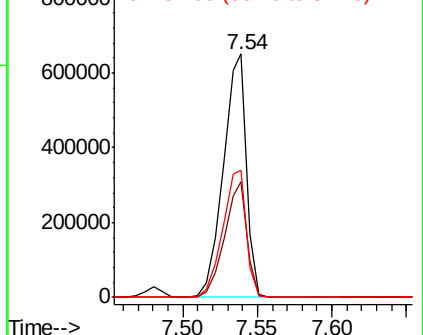
#23
Nitrobenzene-d5
Concen: 80.727 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	710085
Ion Ratio	Lower	Upper	
82	100		
128	47.5	34.2	51.2
54	52.3	38.6	58.0

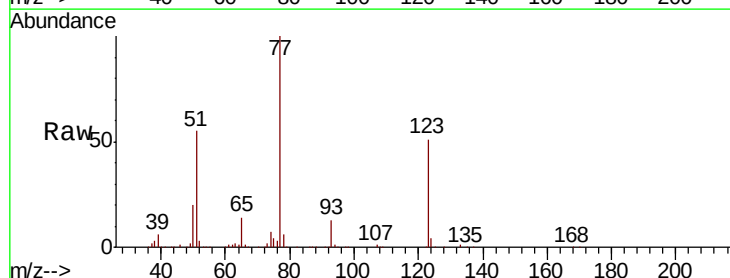


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

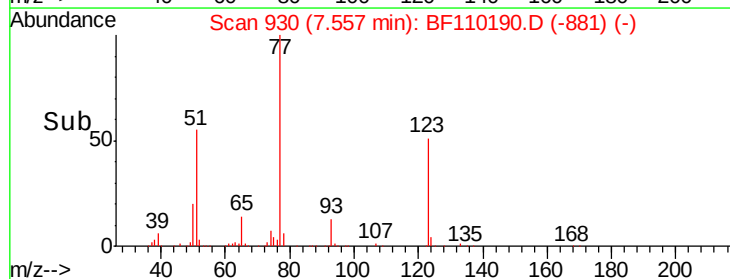
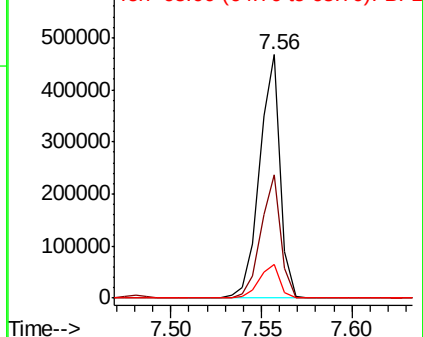


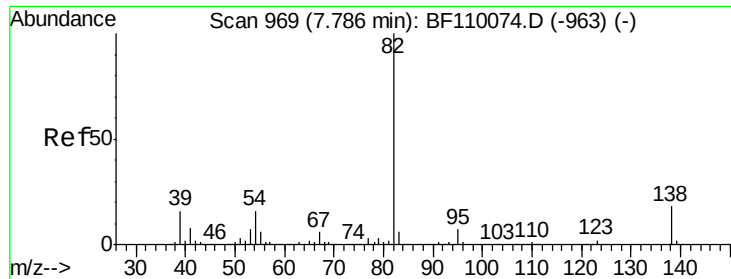
#24
Nitrobenzene
Concen: 40.594 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion	77	Resp	368651
Ion Ratio	Lower	Upper	
77	100		
123	50.8	35.7	53.5
65	14.1	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

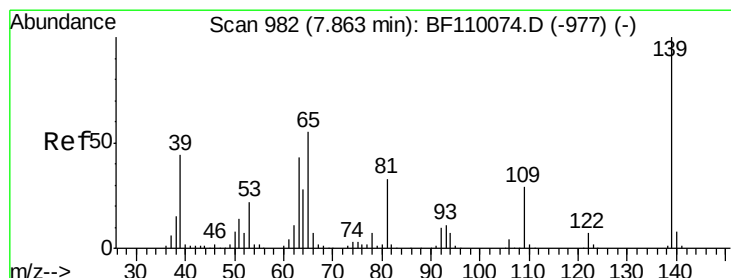
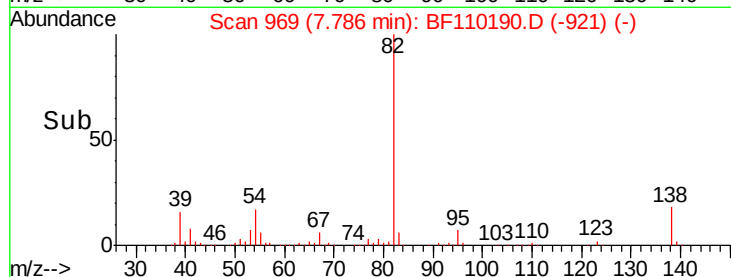
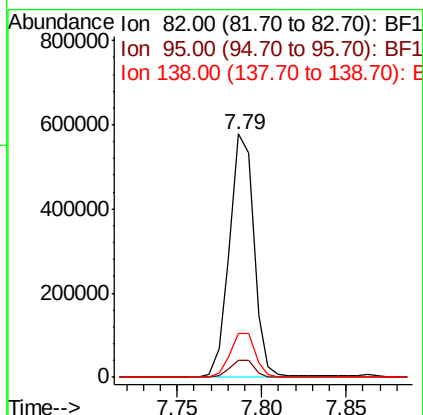
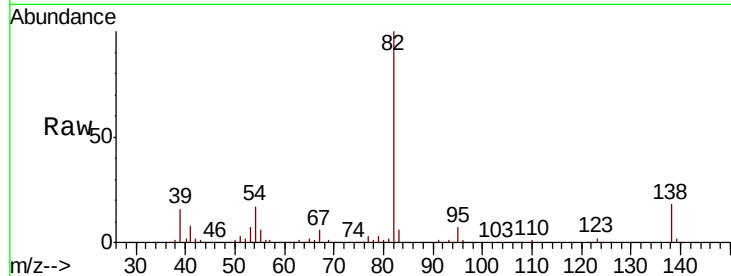




#25
Isophorone
Concen: 39.113 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

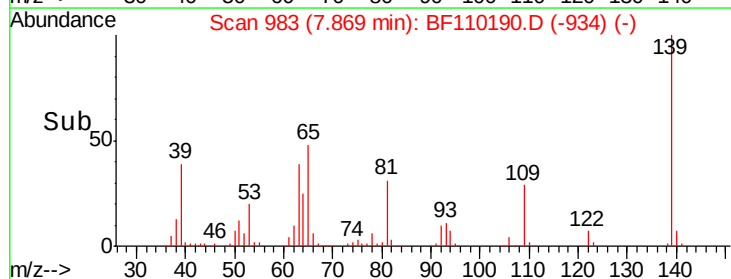
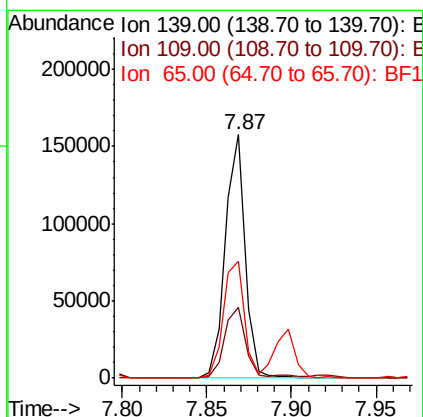
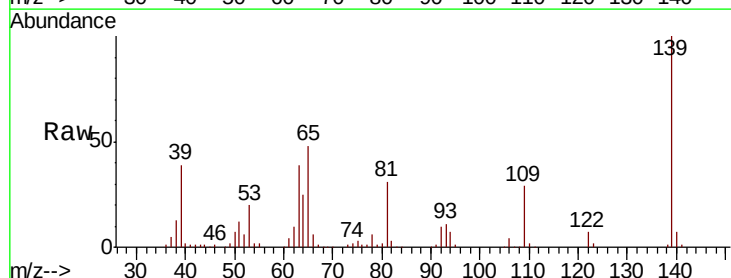
Instrument :
BNA_F
ClientSampleId :

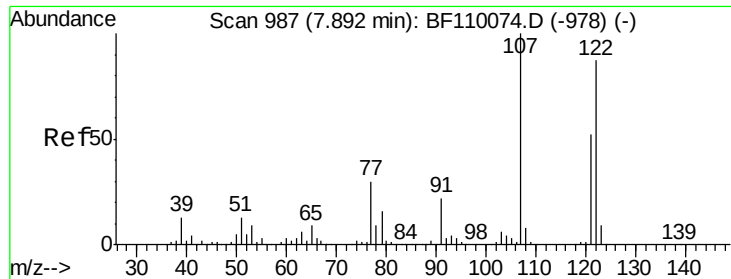
Tot Ion: 82 Resp: 586452
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 18.0 13.2 19.8



#26
2-Nitrophenol
Concen: 29.666 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion: 139 Resp: 128204
Ion Ratio Lower Upper
139 100
109 29.1 25.0 37.6
65 48.1 44.0 66.0

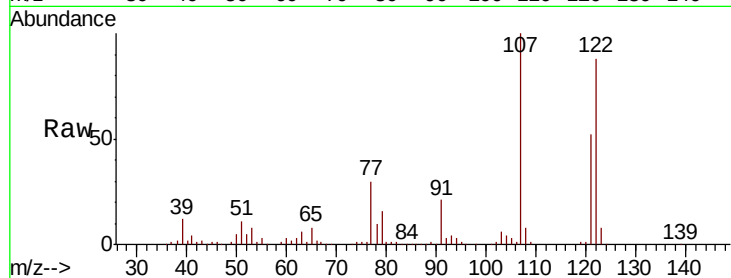




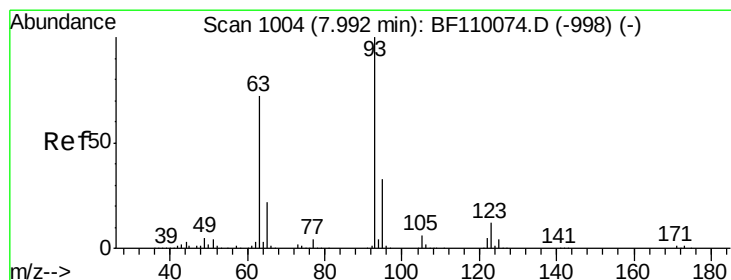
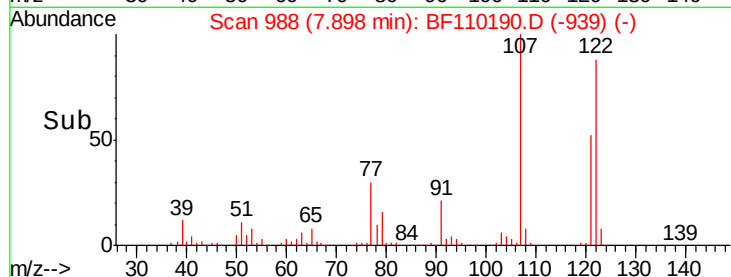
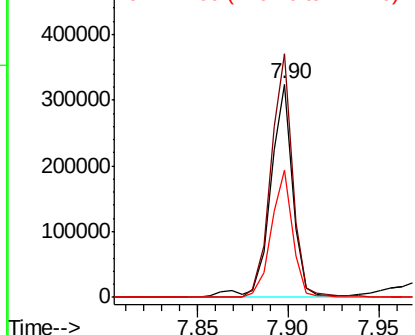
#27
2,4-Dimethylphenol
Concen: 38.463 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.2	92.5	138.7
121	59.7	45.8	68.8

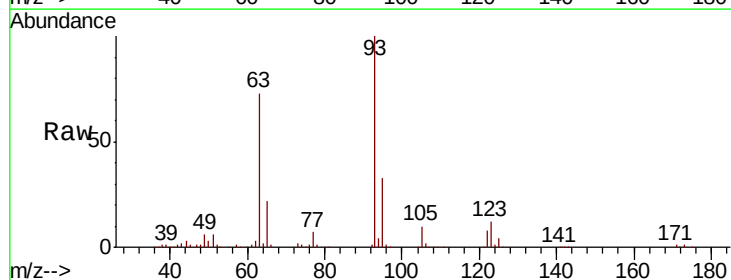


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

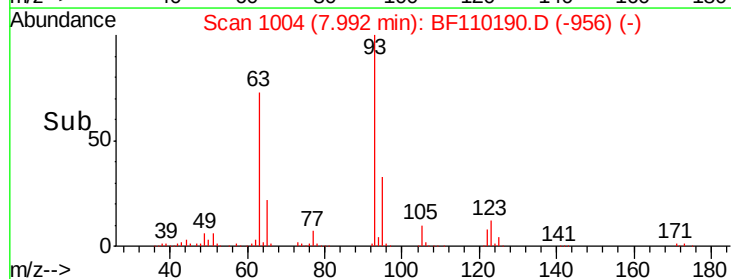
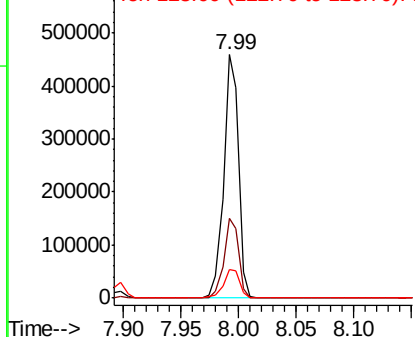


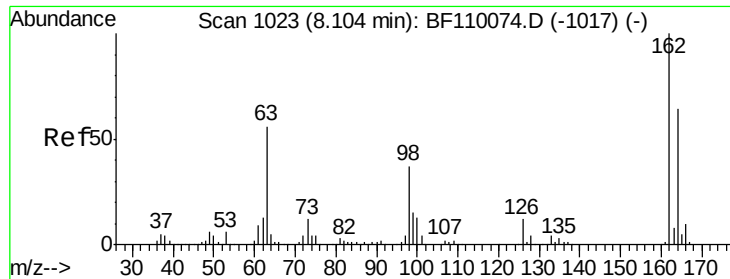
#28
bis(2-Chloroethoxy)methane
Concen: 39.819 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	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

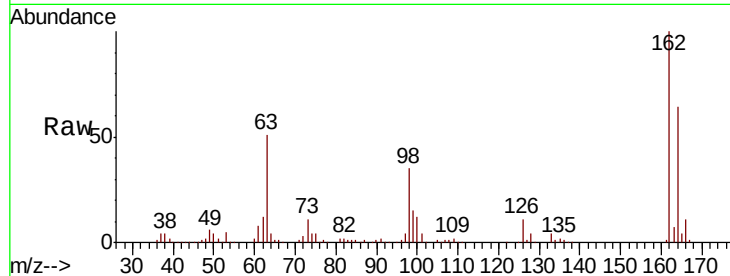




#29
2,4-Dichlorophenol
Concen: 38.331 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.6	84.6
98	35.2	17.4	57.4

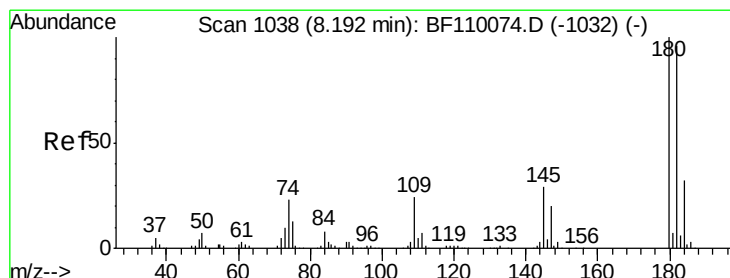
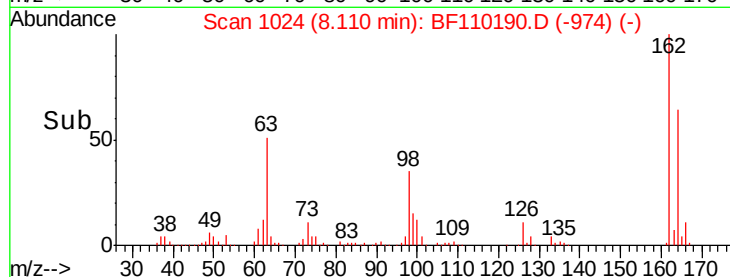
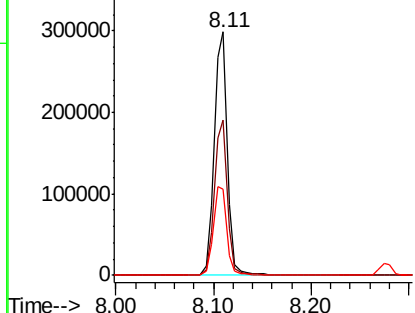


Abundance

Ion 162.00 (161.70 to 162.70): E

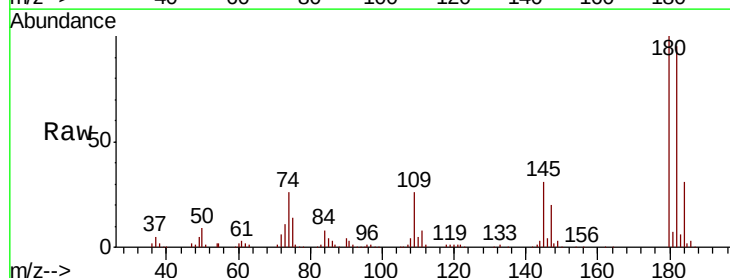
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.151 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	80.3	120.5
145	30.9	25.4	38.0

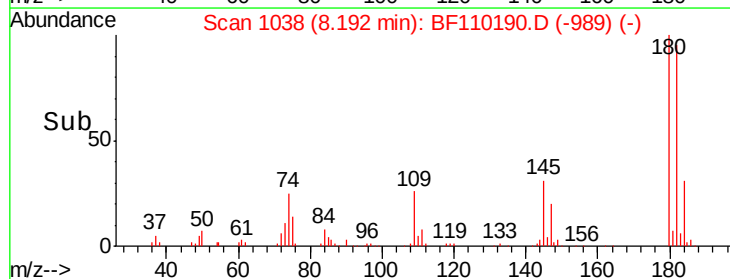
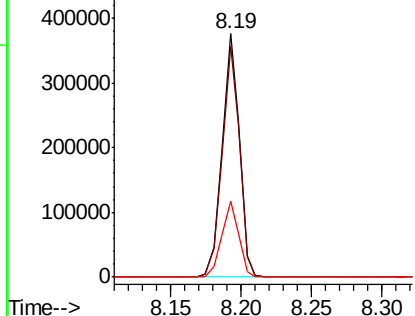


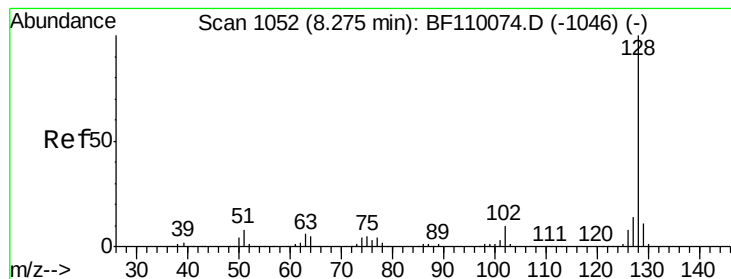
Abundance

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: 38.213 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Instrument :

BNA_F

ClientSampleId :

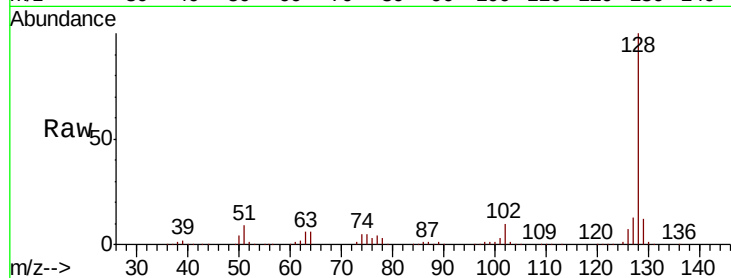
Tot Ion:128 Resp: 918855

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

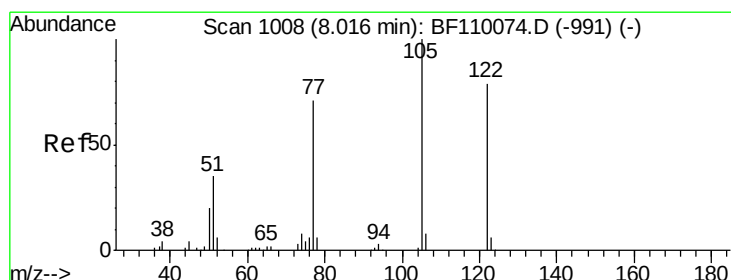
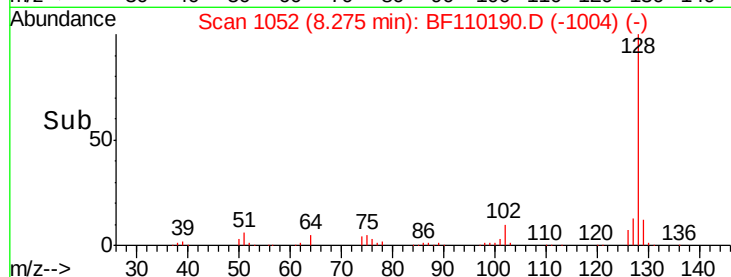
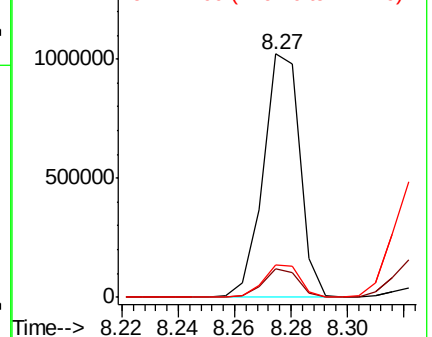
127 13.3 10.8 16.2



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: 16.120 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

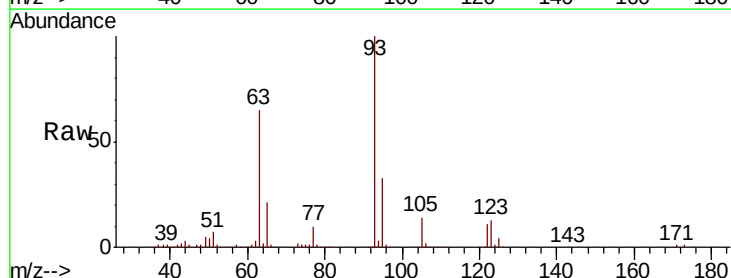
Tgt Ion:122 Resp: 89264

Ion Ratio Lower Upper

122 100

105 132.6 109.0 149.0

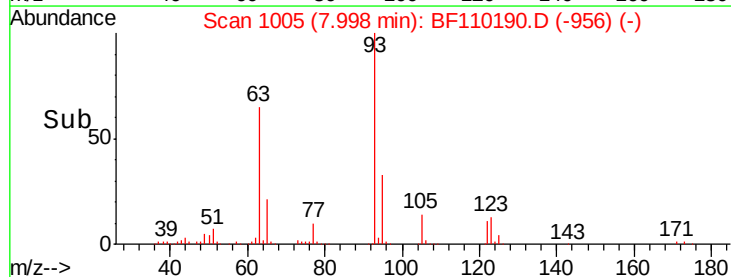
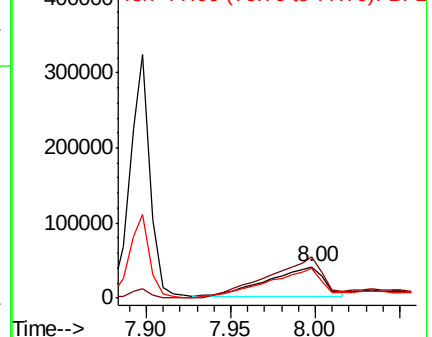
77 93.8 79.0 119.0

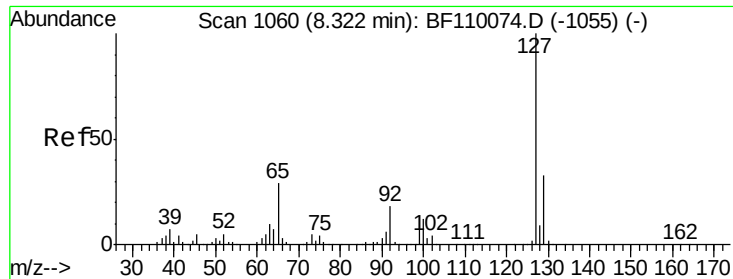


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

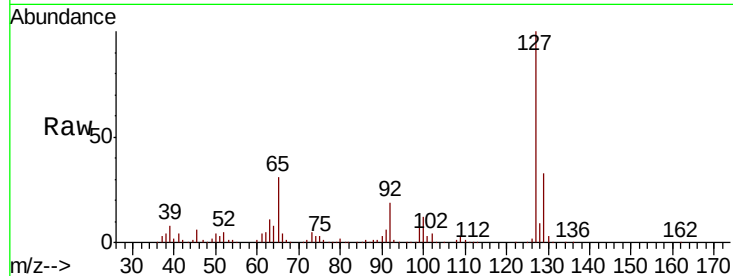




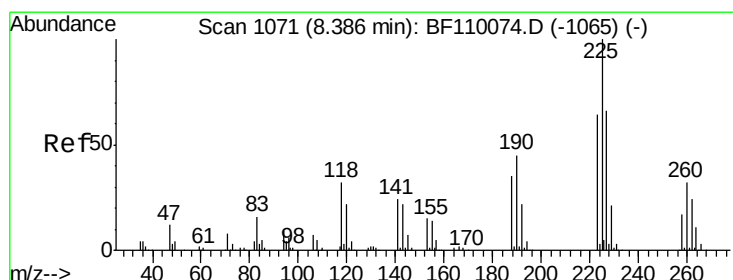
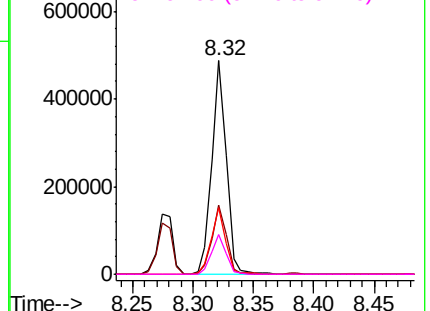
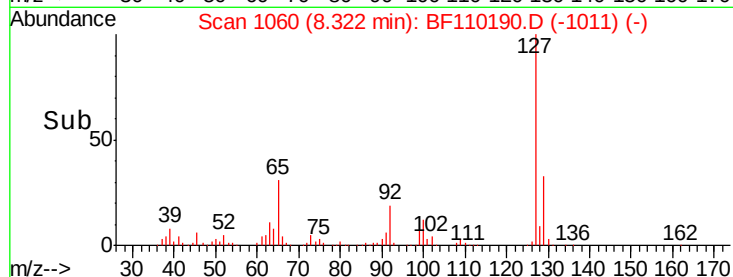
#33
4-Chloroaniline
Concen: 37.588 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	406774
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	30.9	25.1	37.7
92	18.5	15.0	22.6

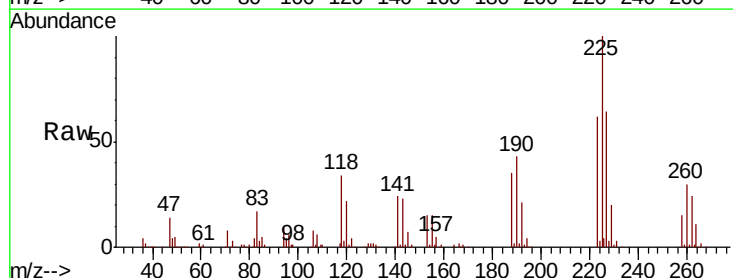


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

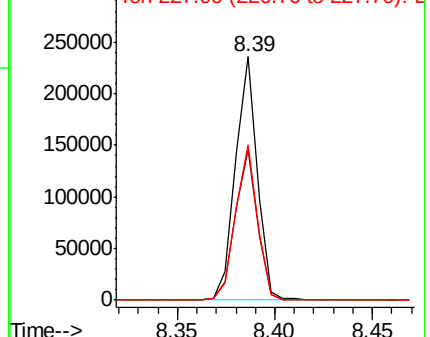
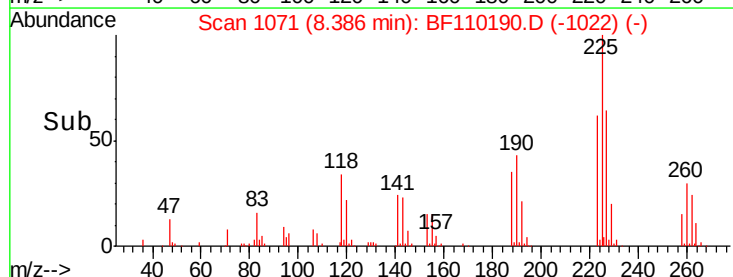


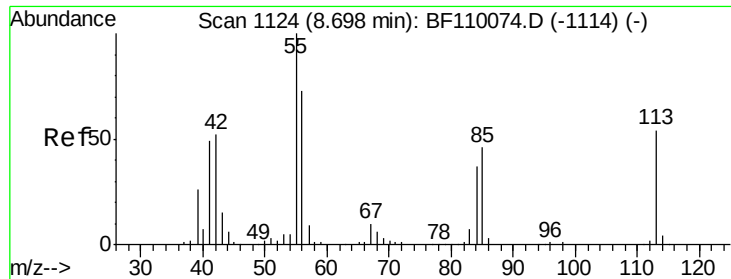
#34
Hexachlorobutadiene
Concen: 40.632 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion:	225	Resp:	182924
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.4	77.2
227	63.6	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

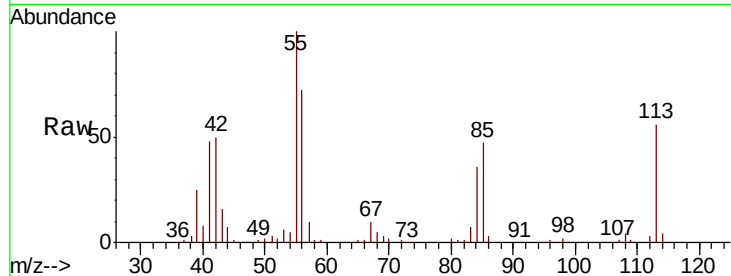




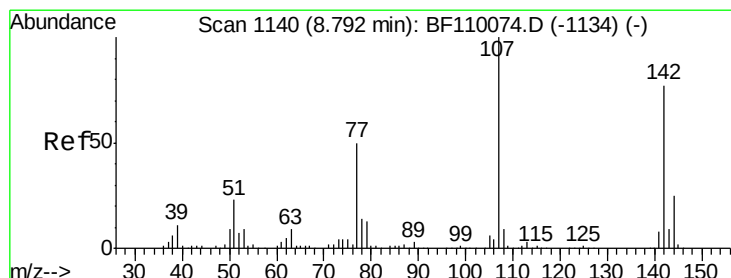
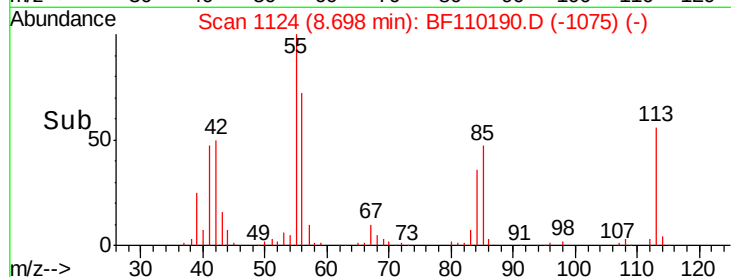
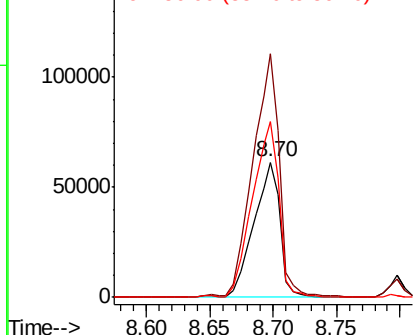
#35
 Caprolactam
 Concen: 35.221 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF110190.D
 Acq: 26 Oct 2018 5:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 88860
 Ion Ratio Lower Upper
 113 100
 55 179.8 142.8 182.8
 56 129.7 105.0 145.0

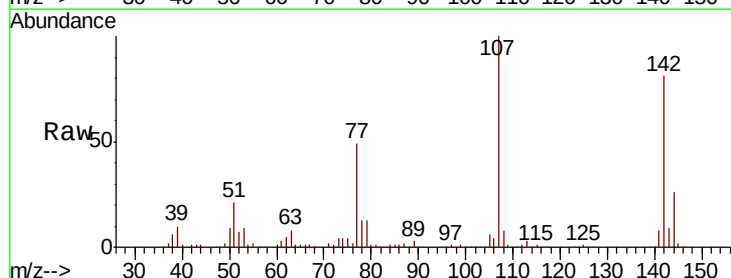


Abundance Ion 113.00 (112.70 to 113.70): E
 150000 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

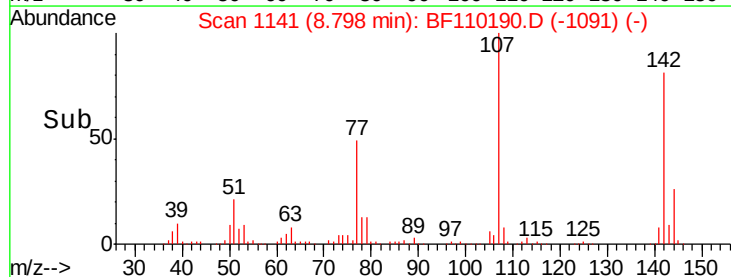
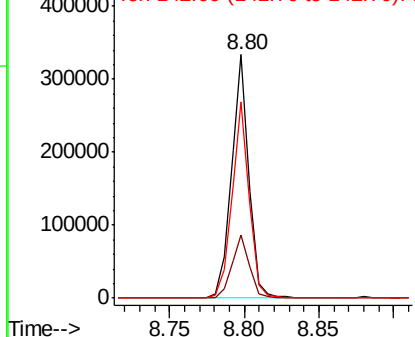


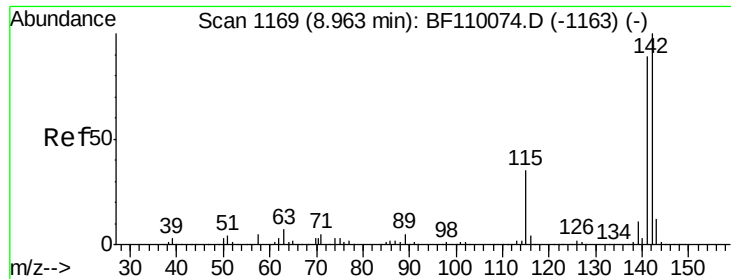
#36
 4-Chloro-3-methylphenol
 Concen: 35.072 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF110190.D
 Acq: 26 Oct 2018 5:19

Tgt Ion:107 Resp: 274526
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.0 30.0
 142 80.5 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 400000 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

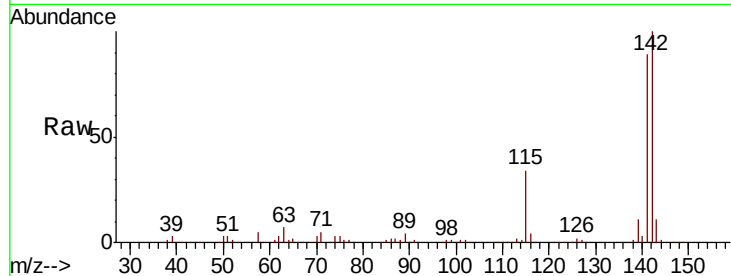




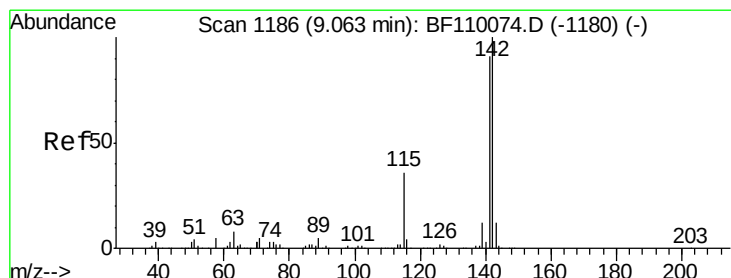
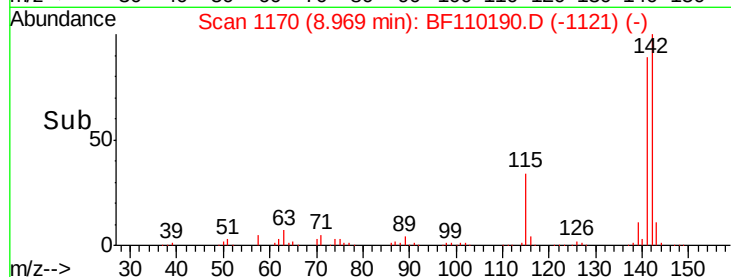
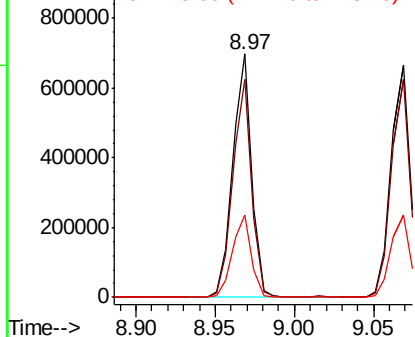
#37
2-Methylnaphthalene
Concen: 36.198 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 575892
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2
115 33.6 28.7 43.1

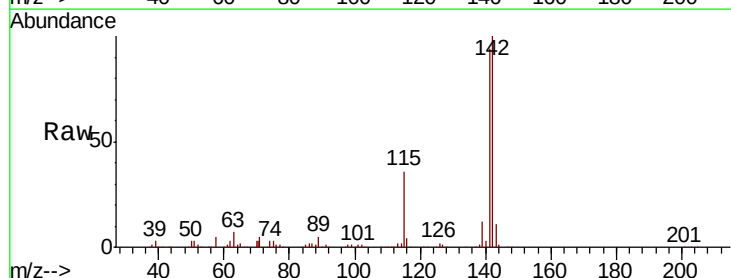


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

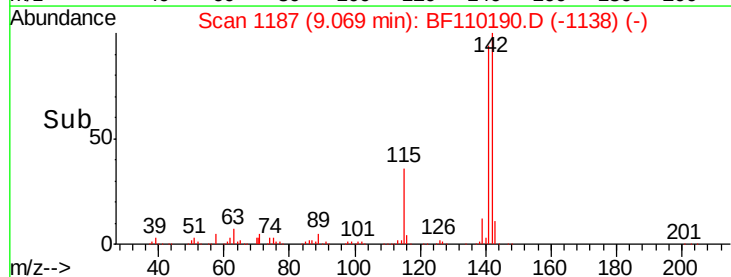
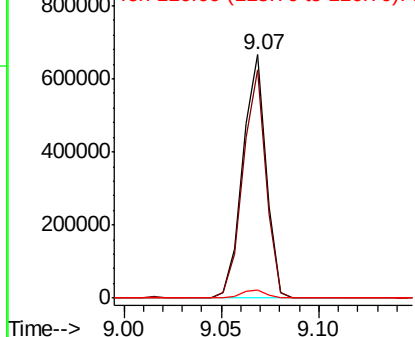


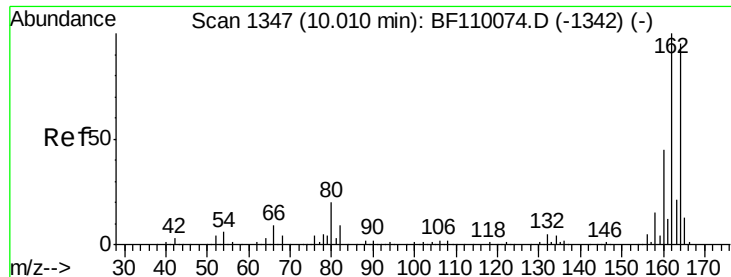
#38
1-Methylnaphthalene
Concen: 35.931 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion:142 Resp: 552410
Ion Ratio Lower Upper
142 100
141 93.7 74.2 111.4
116 3.5 2.6 4.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Instrument :

BNA_F

ClientSampleId :

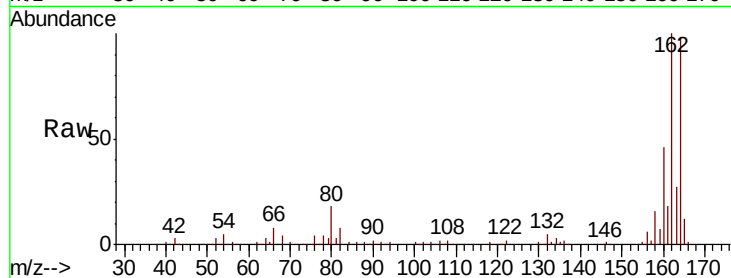
Tot Ion:164 Resp: 211327

Ion Ratio Lower Upper

164 100

162 102.4 83.0 124.6

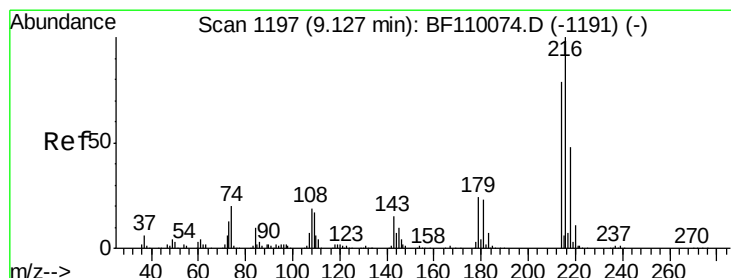
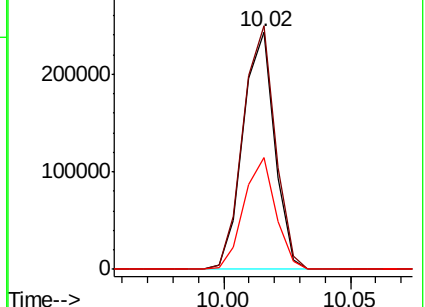
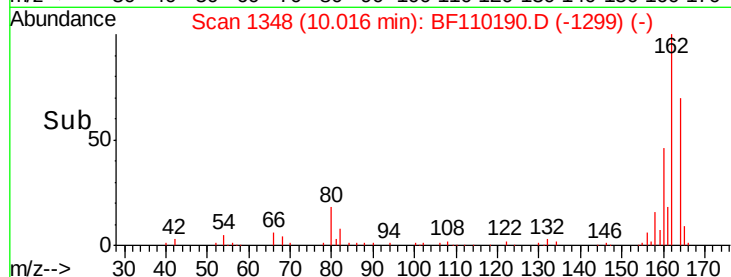
160 47.0 37.0 55.6



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: 42.136 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Tgt Ion:216 Resp: 277443

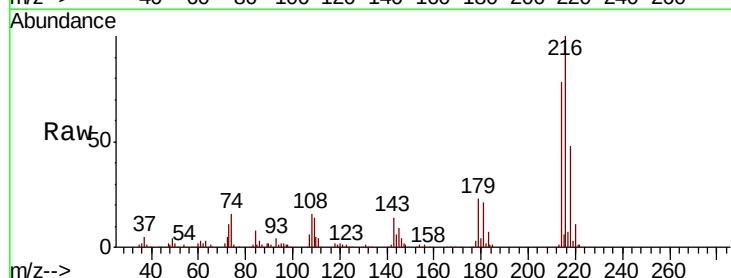
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.6

179 22.6 16.6 25.0

108 18.1 15.1 22.7

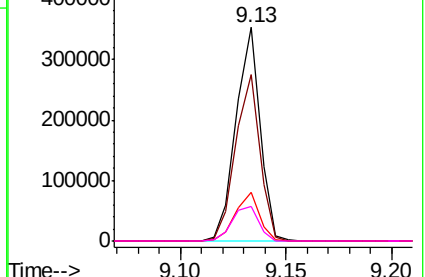
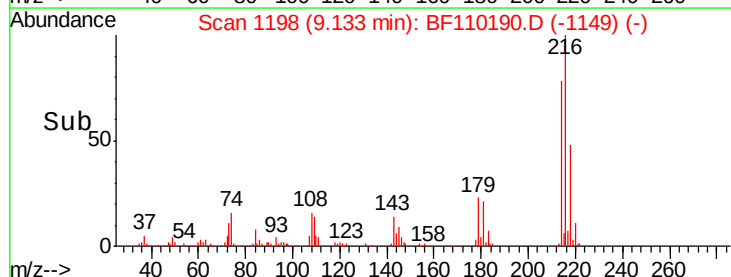


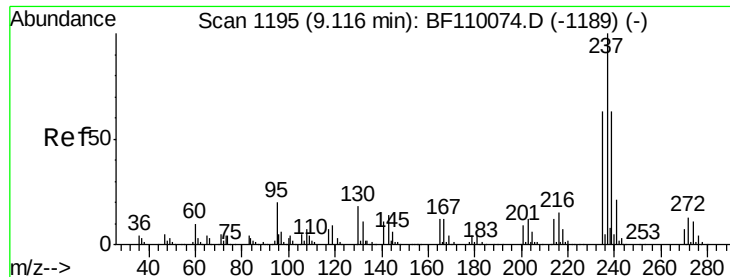
Abundance Ion 216.00 (215.70 to 216.70): E

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

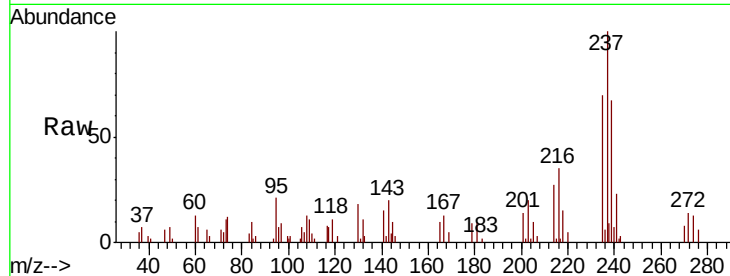




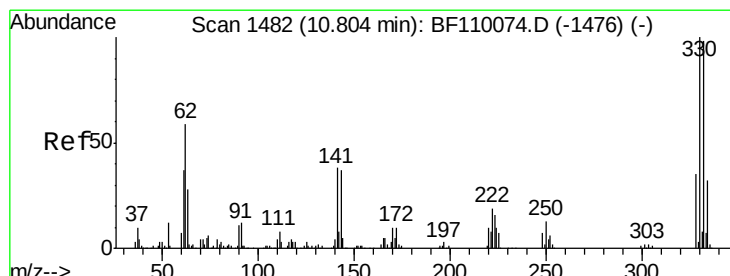
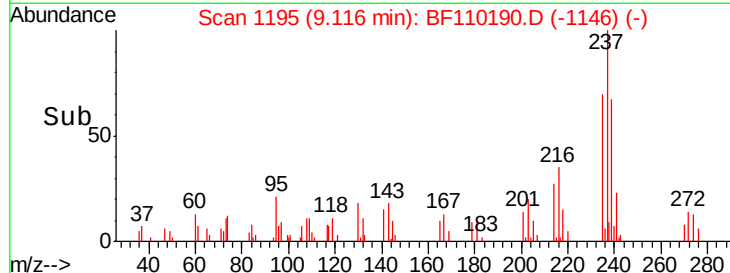
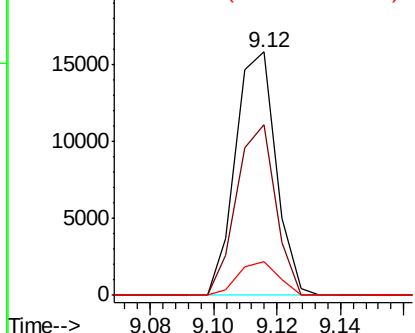
#41
Hexachlorocyclopentadiene
Concen: 4.147 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 13961
Ion Ratio Lower Upper
237 100
235 70.3 43.1 83.1
272 13.6 0.0 32.6

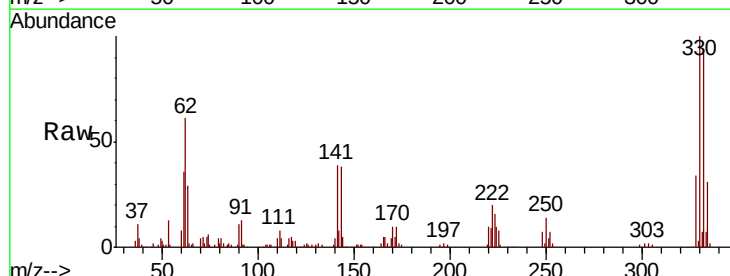


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

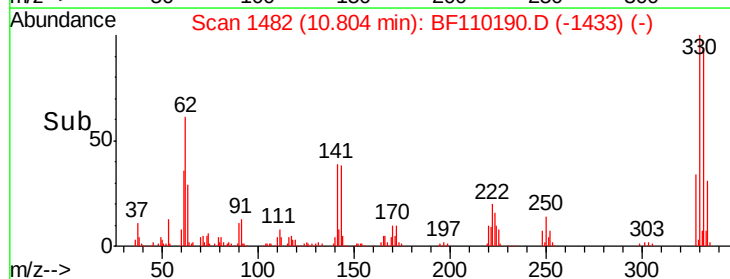
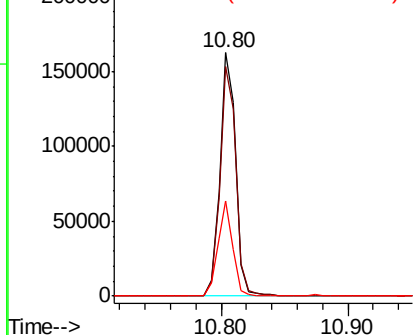


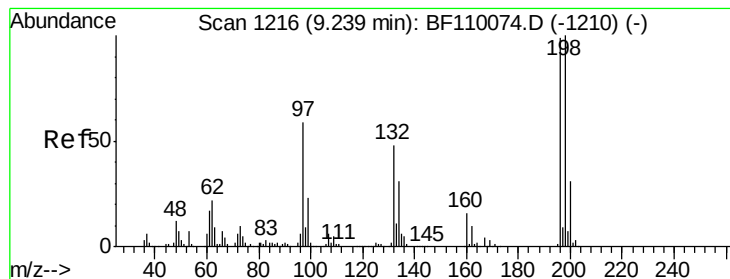
#42
2,4,6-Tribromophenol
Concen: 67.814 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion:330 Resp: 141957
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 36.9 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: 39.868 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Instrument :

BNA_F

ClientSampleId :

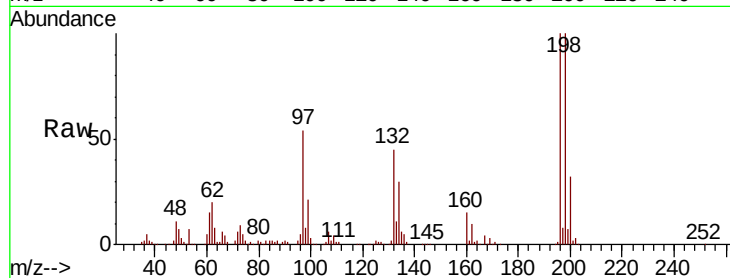
Tot Ion:196 Resp: 169318

Ion Ratio Lower Upper

196 100

198 99.6 76.2 114.4

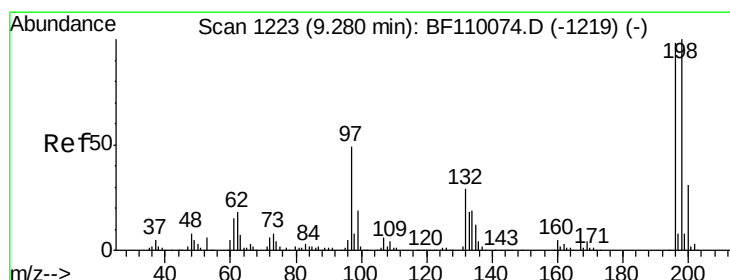
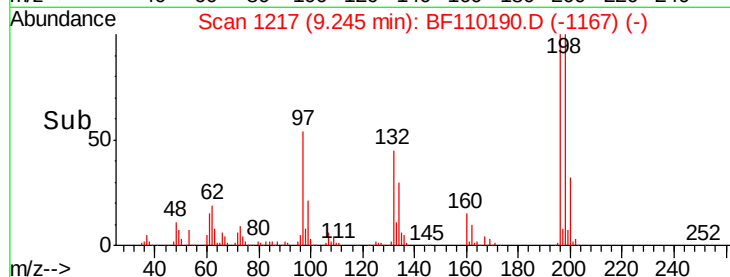
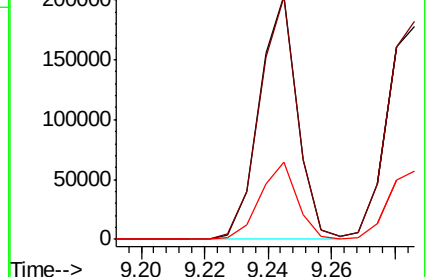
200 31.7 24.4 36.6



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 37.024 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Tgt Ion:196 Resp: 166209

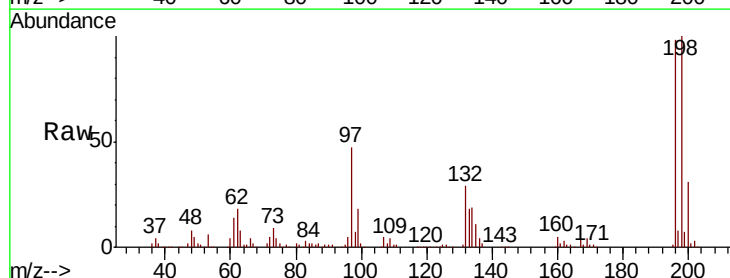
Ion Ratio Lower Upper

196 100

198 102.5 75.8 113.6

97 48.2 42.4 63.6

132 29.8 22.8 34.2

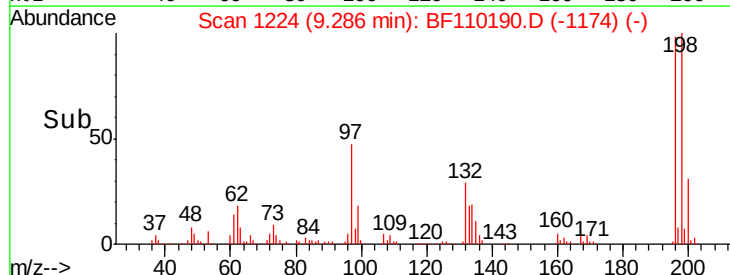
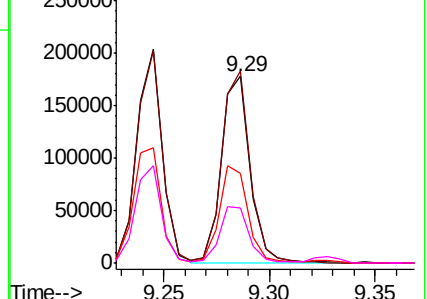


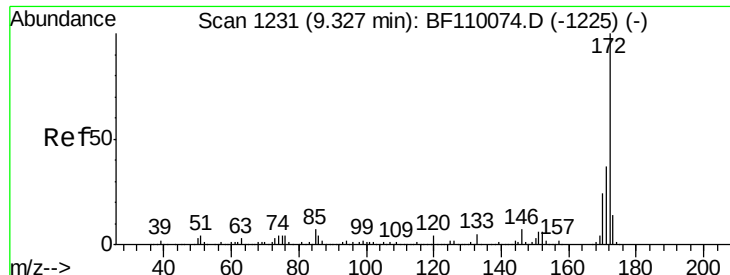
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

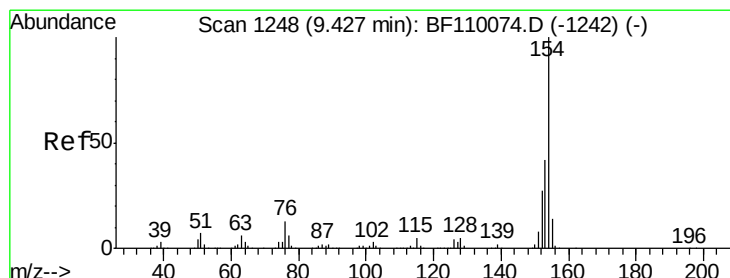
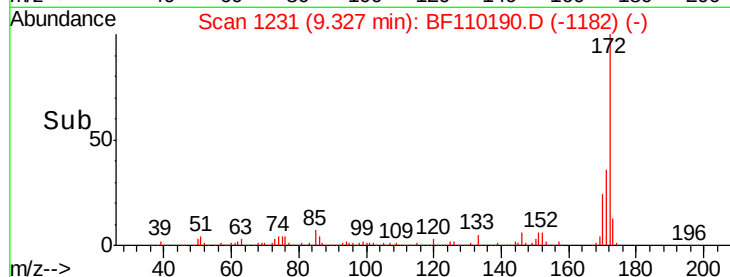
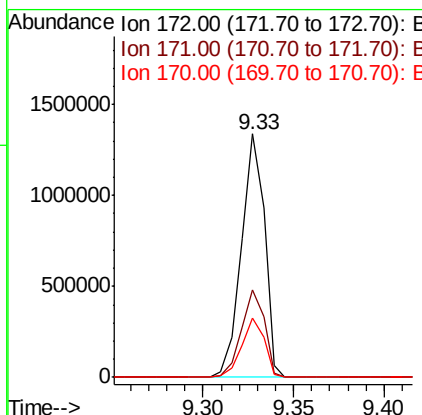
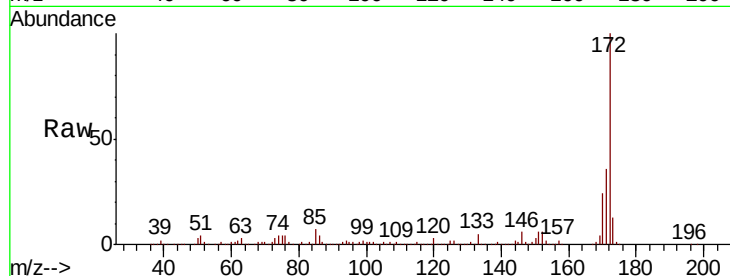




#45
2-Fluorobiphenyl
Concen: 88.030 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

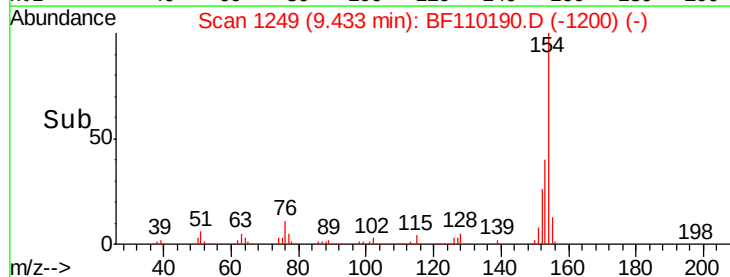
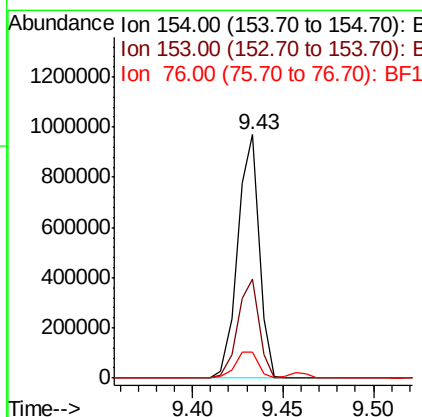
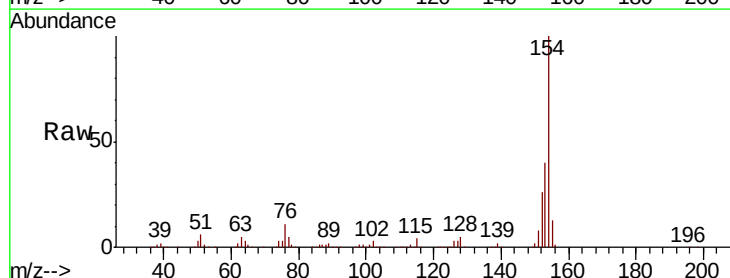
Instrument :
BNA_F
ClientSampleId :

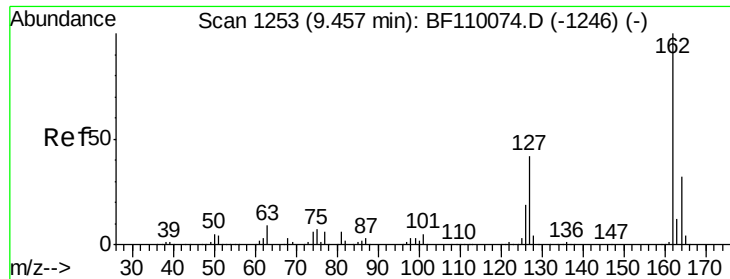
Tot Ion:172 Resp: 1184719
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.2 19.7 29.5



#46
1,1'-Biphenyl
Concen: 41.748 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion:154 Resp: 797819
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 10.8 0.0 31.9





#47

2-Chloronaphthalene

Concen: 40.712 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Instrument :

BNA_F

ClientSampleId :

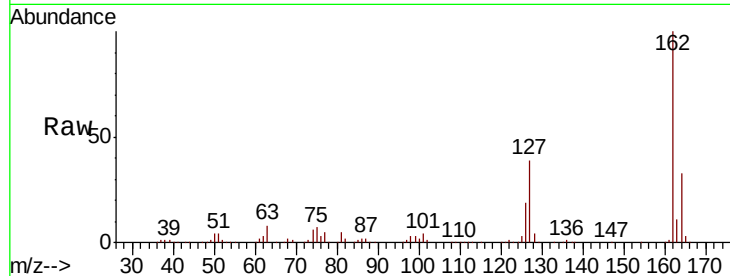
Tot Ion:162 Resp: 570703

Ion Ratio Lower Upper

162 100

127 38.8 32.6 48.8

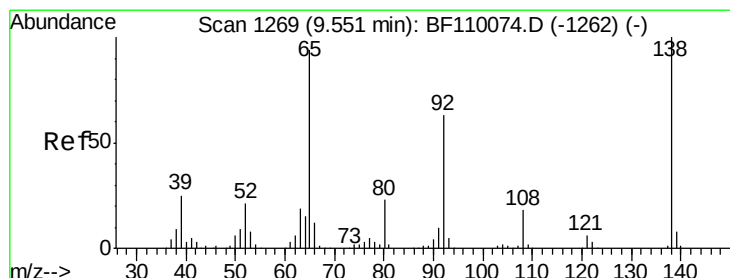
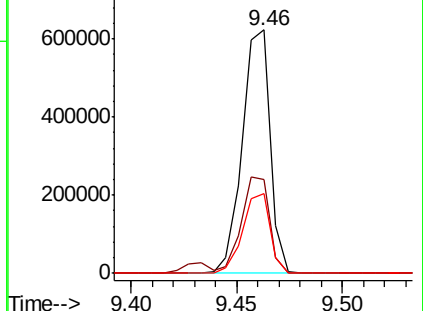
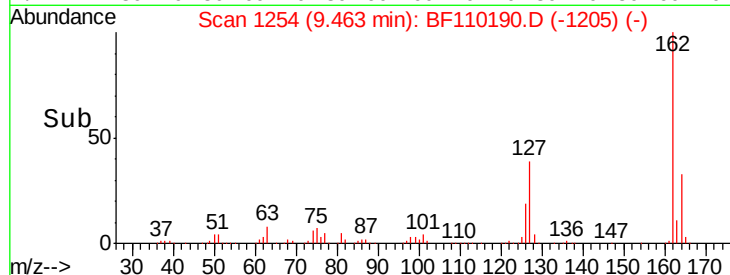
164 32.8 25.9 38.9



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: 43.341 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

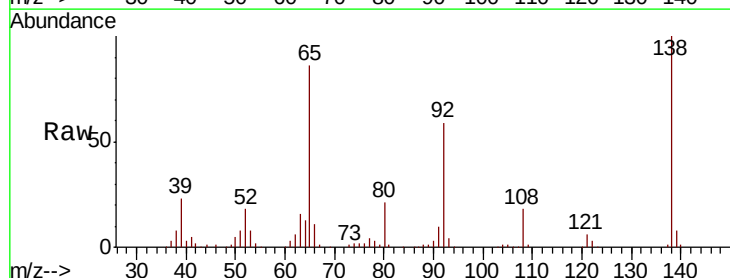
Tgt Ion: 65 Resp: 184107

Ion Ratio Lower Upper

65 100

92 68.3 54.6 81.8

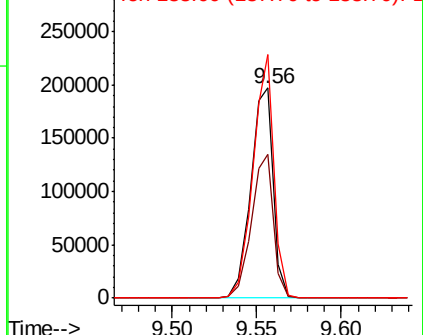
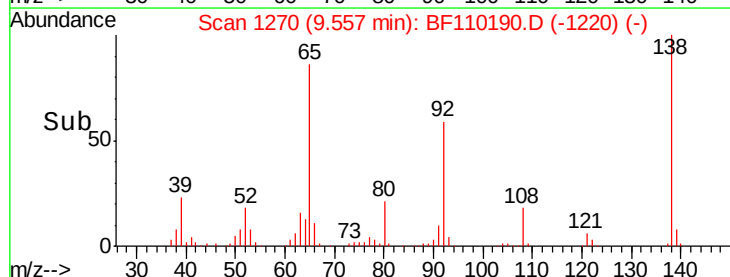
138 115.8 80.3 120.5

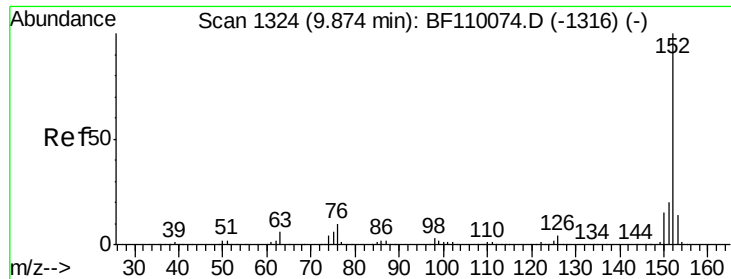


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.158 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Instrument :

BNA_F

ClientSampleId :

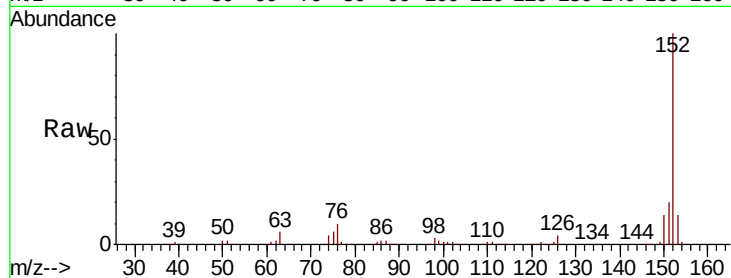
Tot Ion:152 Resp: 792824

Ion Ratio Lower Upper

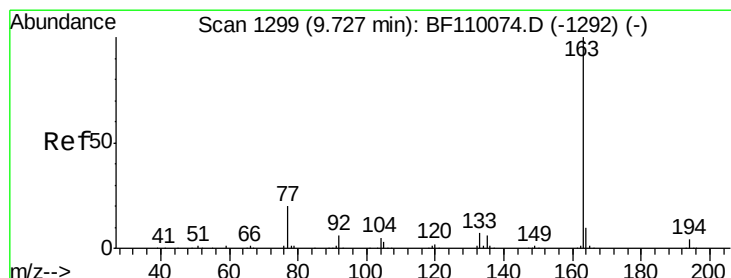
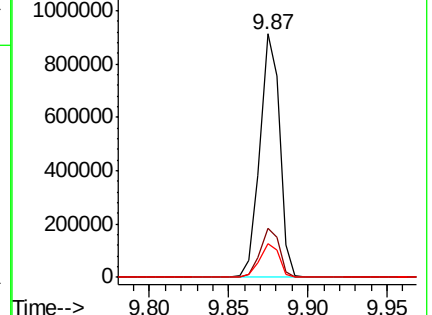
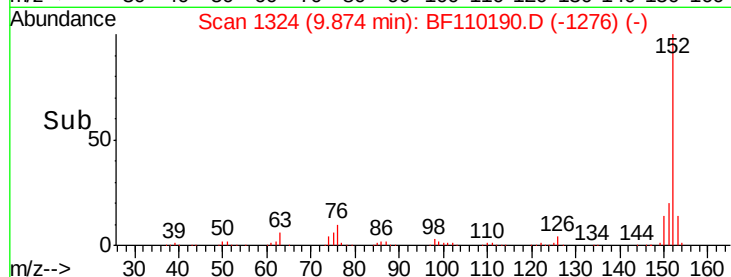
152 100

151 20.1 15.8 23.8

153 14.0 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: 41.296 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

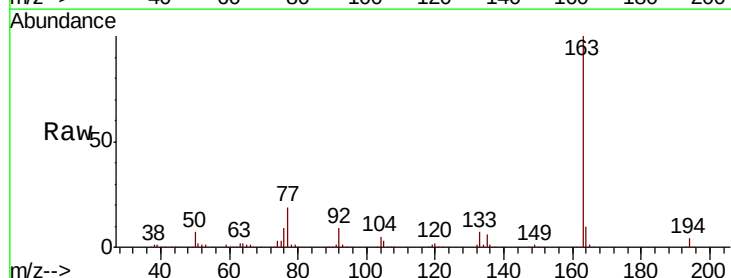
Tgt Ion:163 Resp: 644210

Ion Ratio Lower Upper

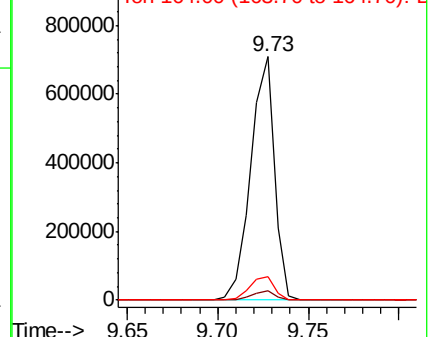
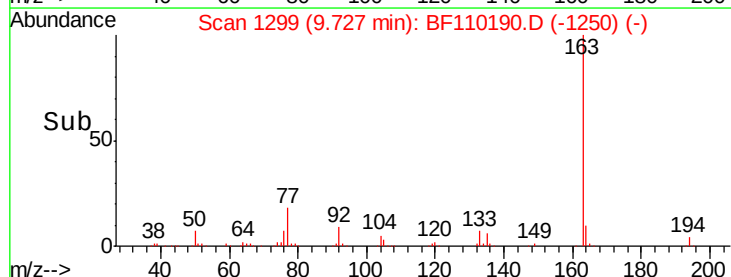
163 100

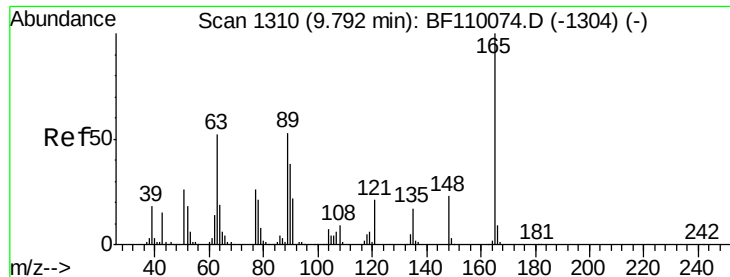
194 3.6 3.2 4.8

164 9.9 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

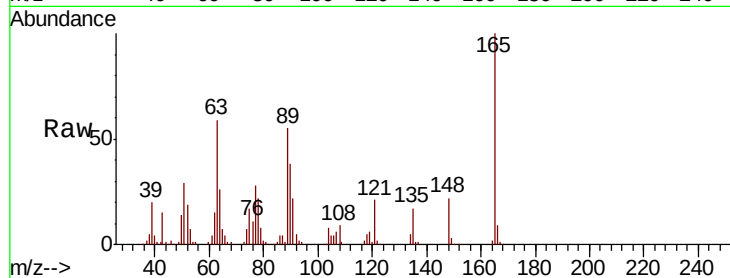




#51
 2,6-Dinitrotoluene
 Concen: 34.064 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF110190.D
 Acq: 26 Oct 2018 5:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.8	48.9	73.3
89	55.3	46.6	69.8

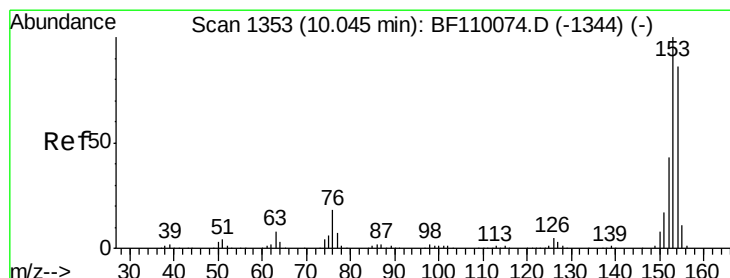
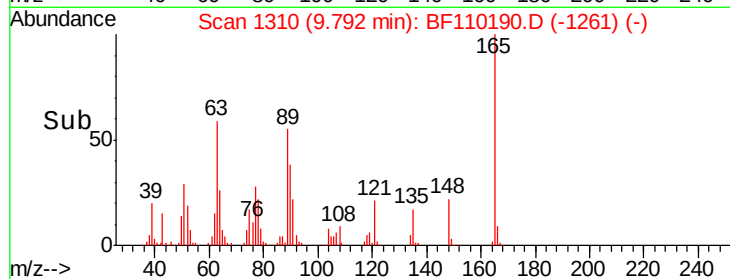
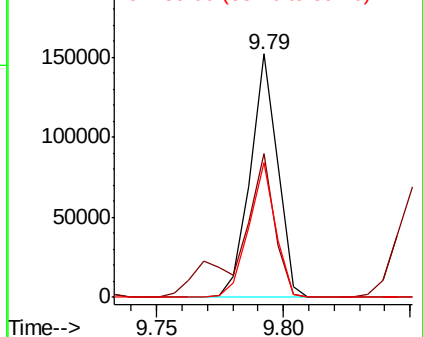


Abundance

Ion 165.00 (164.70 to 165.70): E

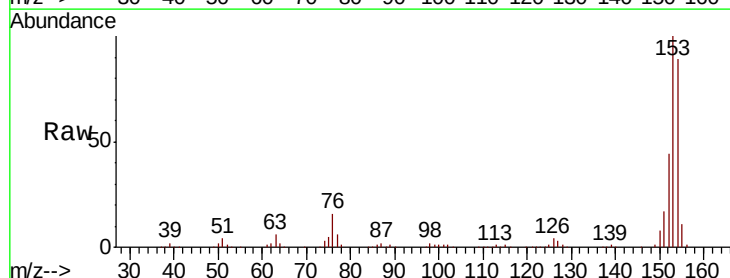
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 36.073 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF110190.D
 Acq: 26 Oct 2018 5:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.1	135.1
152	50.1	43.4	65.2

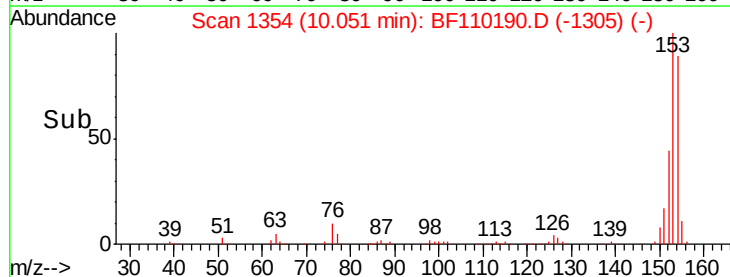
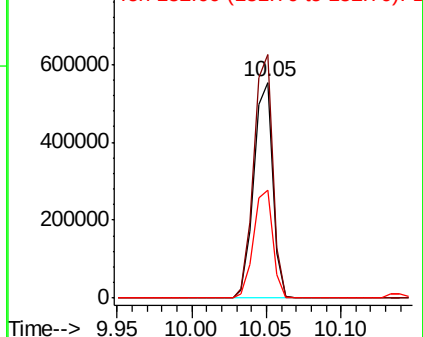


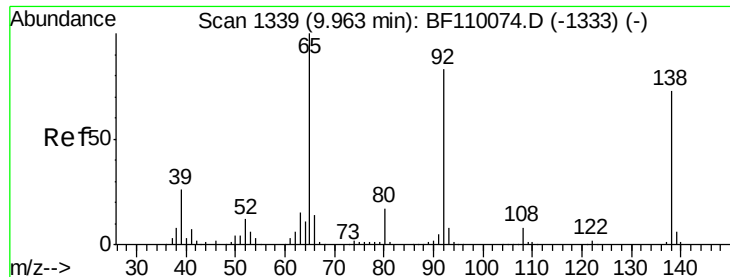
Abundance

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

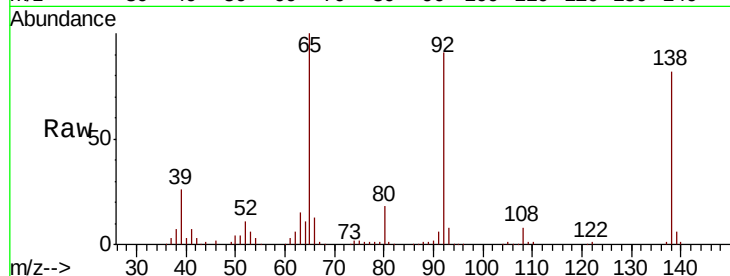




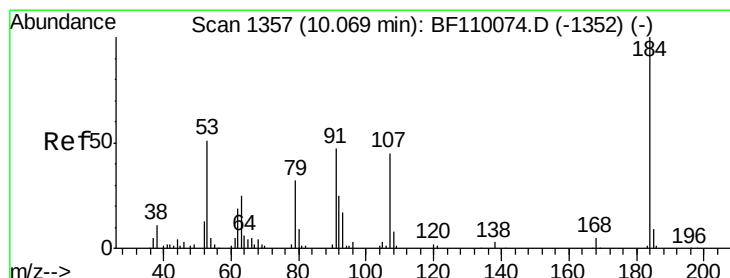
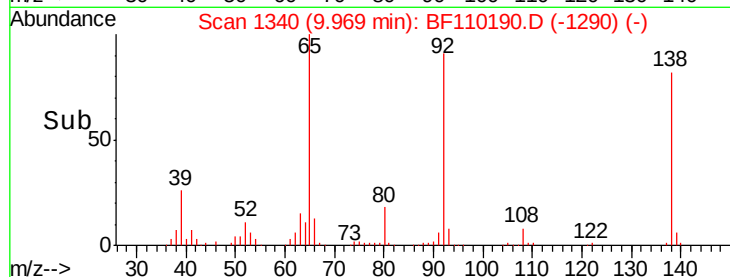
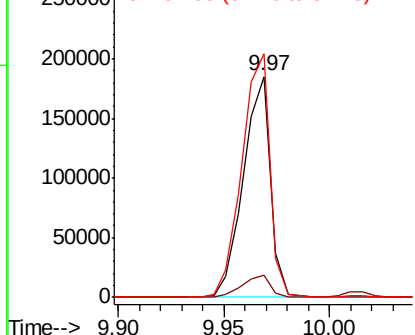
#53
3-Nitroaniline
Concen: 41.316 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 165097
Ion Ratio Lower Upper
138 100
108 10.3 8.7 13.1
92 110.1 97.0 145.4

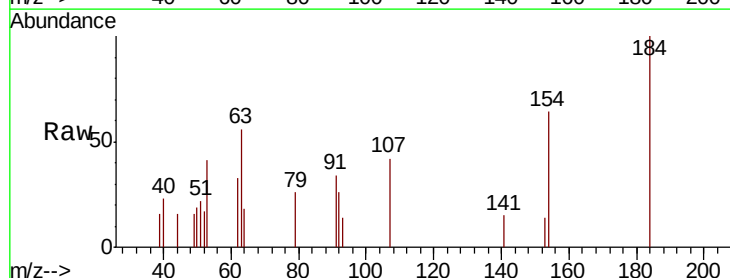


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

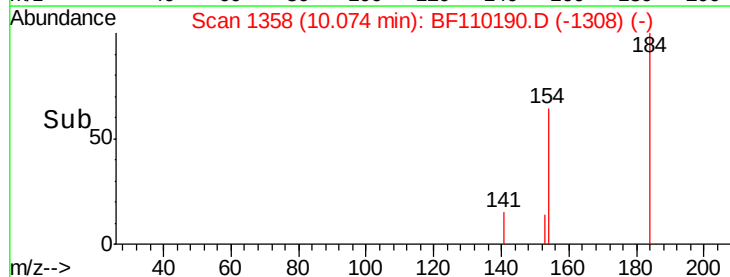
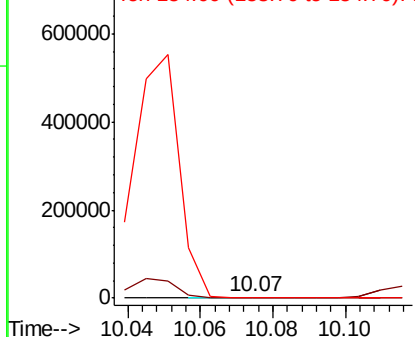


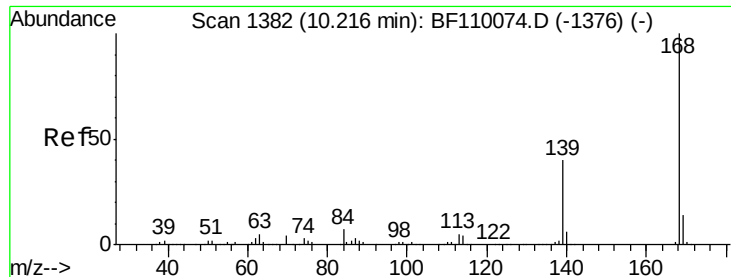
#54
2,4-Dinitrophenol
Concen: 6.317 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion:184 Resp: 1629
Ion Ratio Lower Upper
184 100
63 56.2 55.8 83.6
154 63.9 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

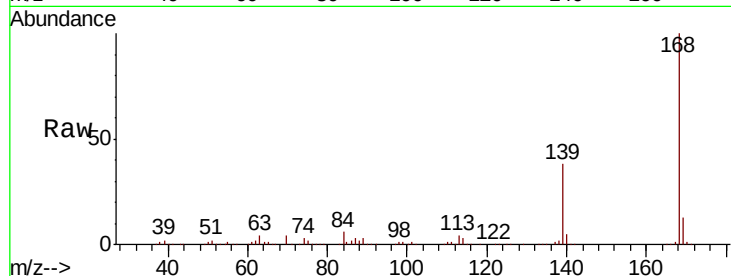




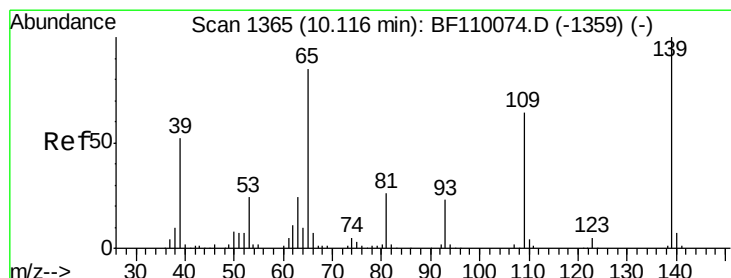
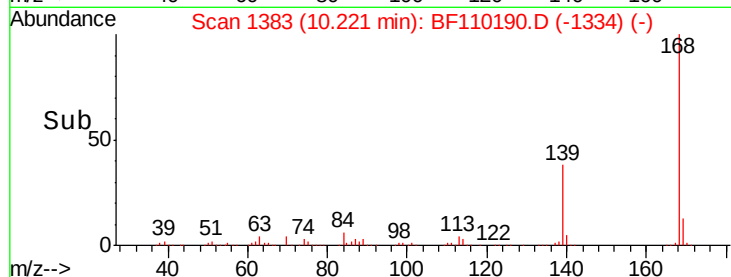
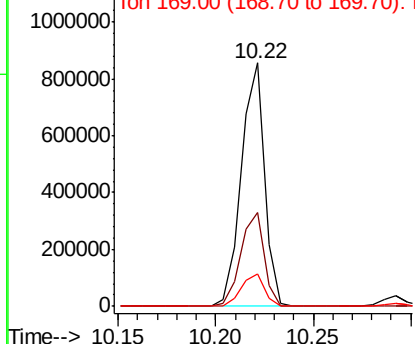
#55
Dibenzenofuran
Concen: 37.629 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 705653
Ion Ratio Lower Upper
168 100
139 38.3 33.0 49.6
169 13.2 11.3 16.9

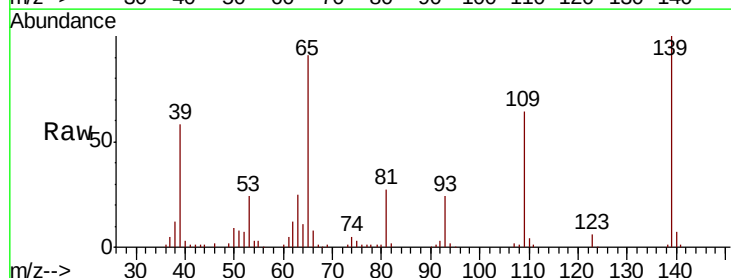


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

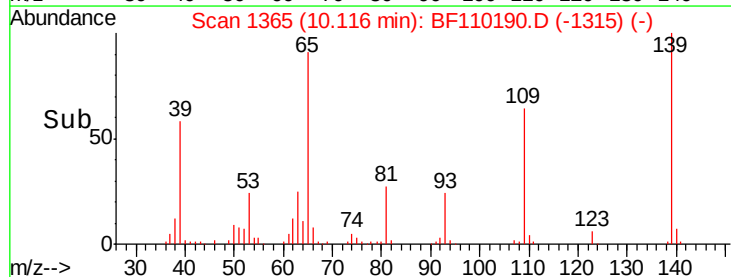
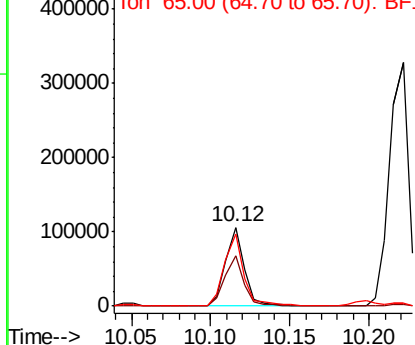


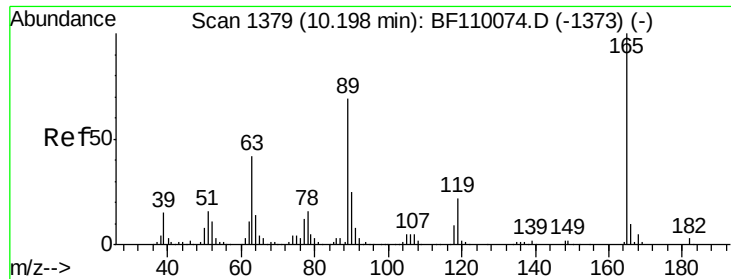
#56
4-Nitrophenol
Concen: 30.163 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion:139 Resp: 89206
Ion Ratio Lower Upper
139 100
109 64.1 55.8 95.8
65 91.5 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

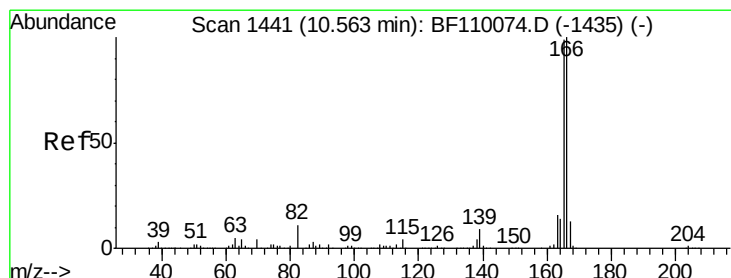
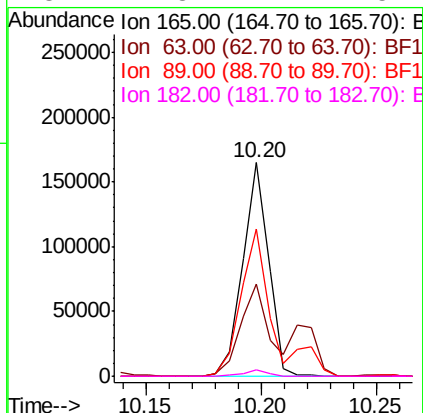
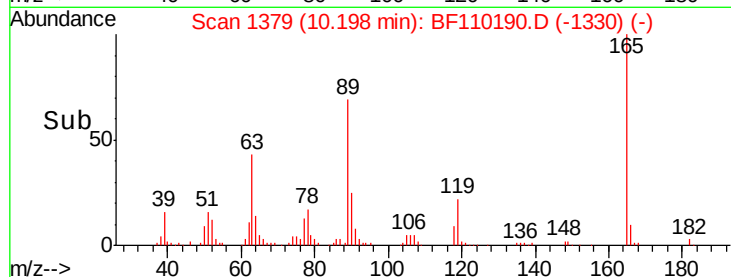
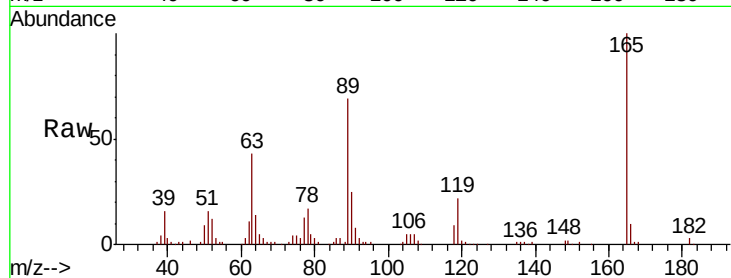




#57
2,4-Dinitrotoluene
Concen: 30.274 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

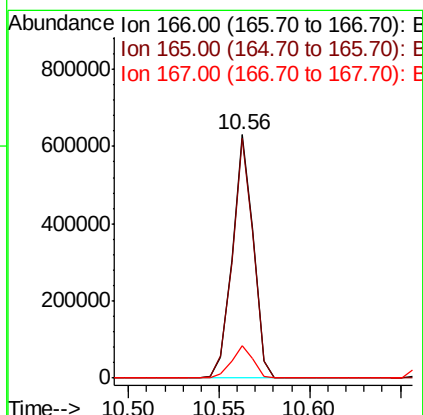
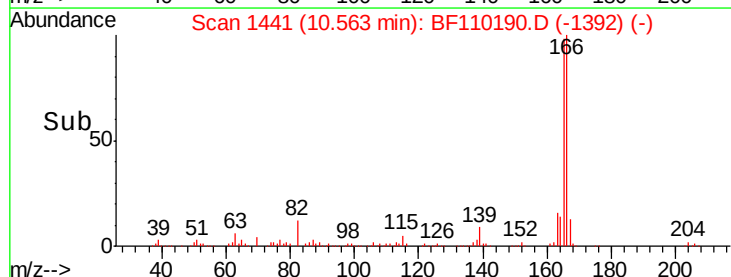
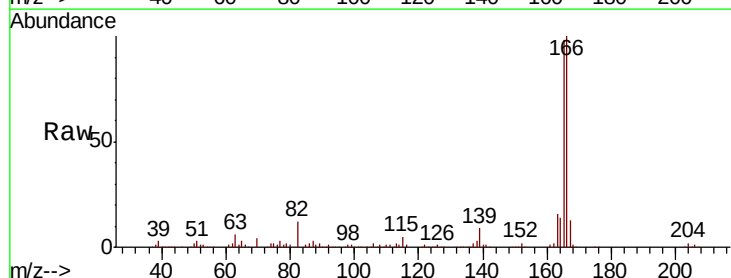
Instrument :
BNA_F
ClientSampled :

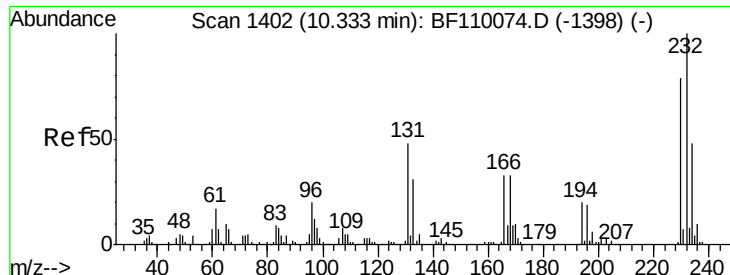
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.4	44.8	67.2#
89	69.2	62.2	93.4
182	2.8	2.1	3.1



#58
Fluorene
Concen: 36.273 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	13.4	10.8	16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 33.212 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.05 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 121525

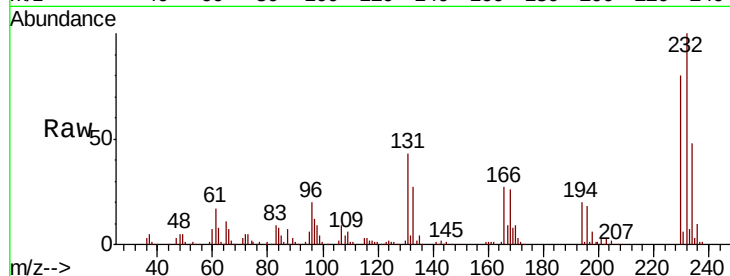
Ion Ratio Lower Upper

232 100

131 43.0 37.0 55.4

130 2.2 1.8 2.6

166 26.4 22.0 33.0

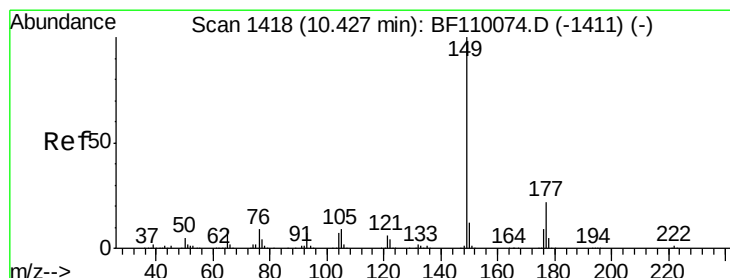
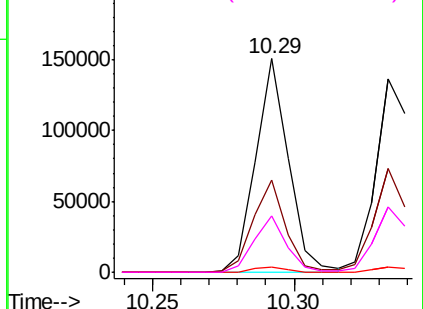
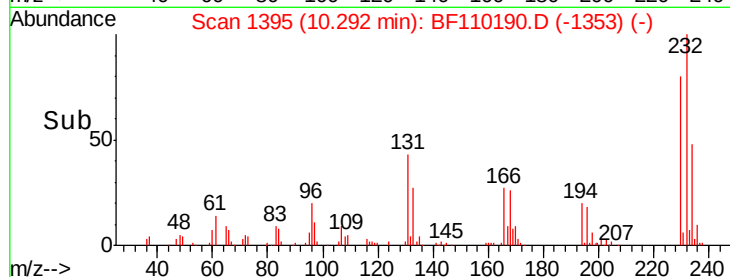


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.703 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

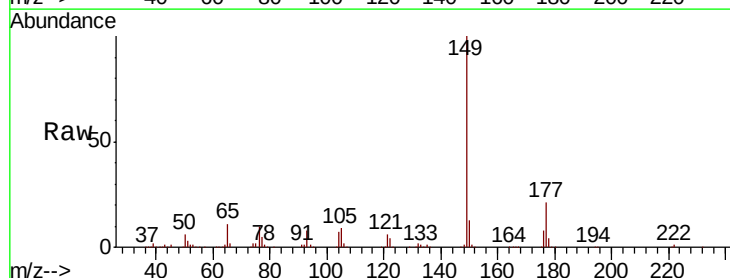
Tgt Ion:149 Resp: 604586

Ion Ratio Lower Upper

149 100

177 21.3 17.4 26.2

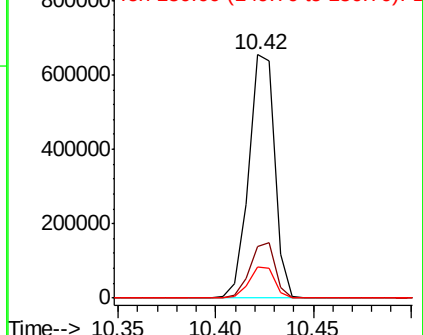
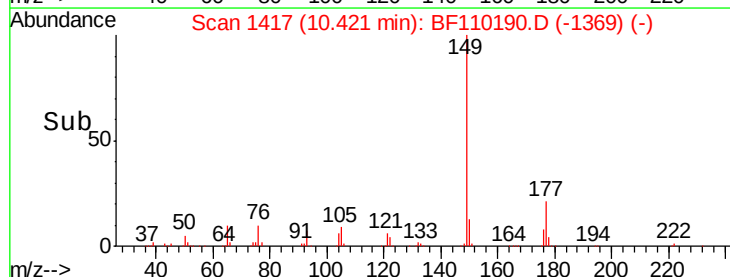
150 12.7 9.8 14.8

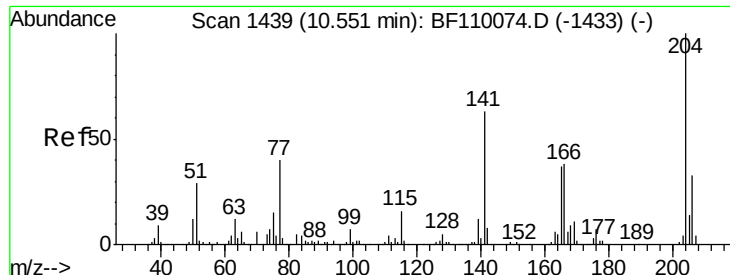


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

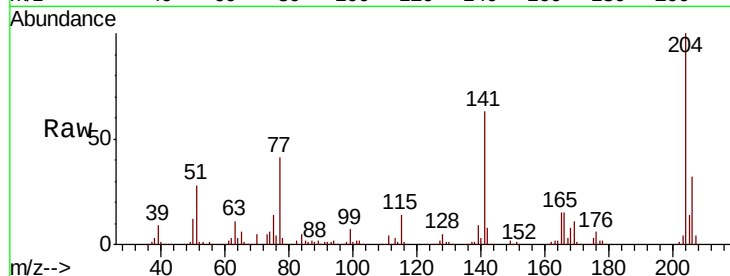




#61
 4-Chlorophenyl-phenylether
 Concen: 38.445 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF110190.D
 Acq: 26 Oct 2018 5:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.5	39.7
141	62.7	51.8	77.8

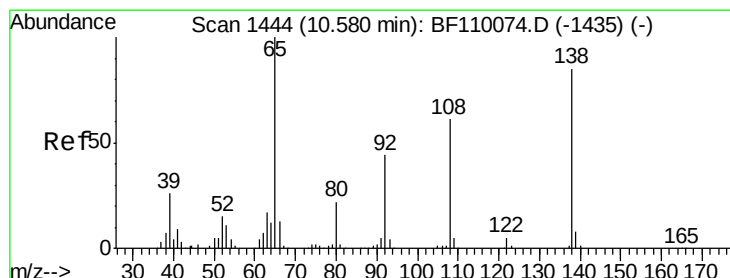
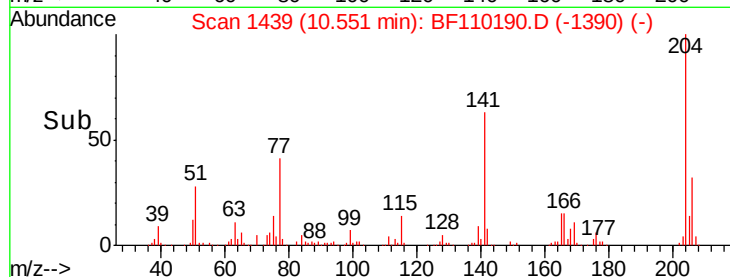
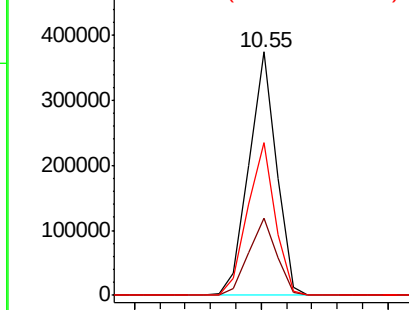


Abundance

Ion 204.00 (203.70 to 204.70): E

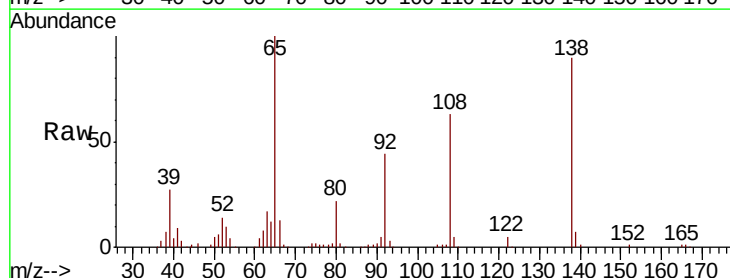
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 40.436 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF110190.D
 Acq: 26 Oct 2018 5:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	31.7	71.7
108	70.6	59.3	99.3

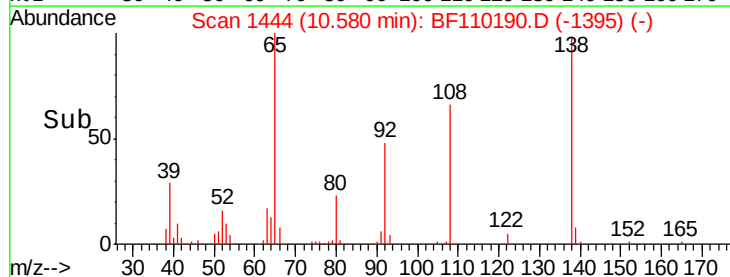
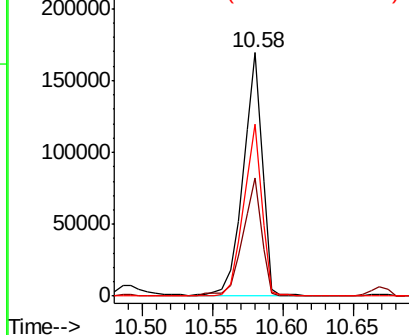


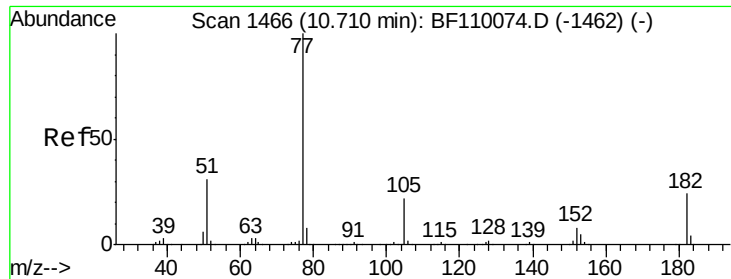
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 35.745 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 540290

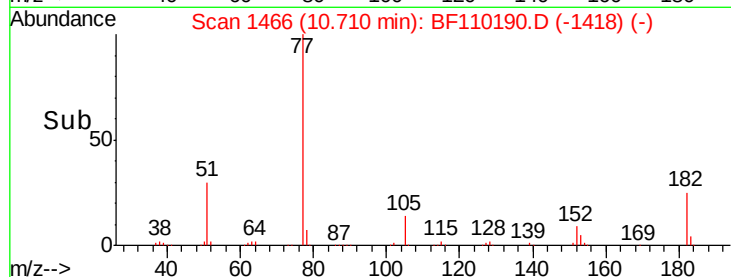
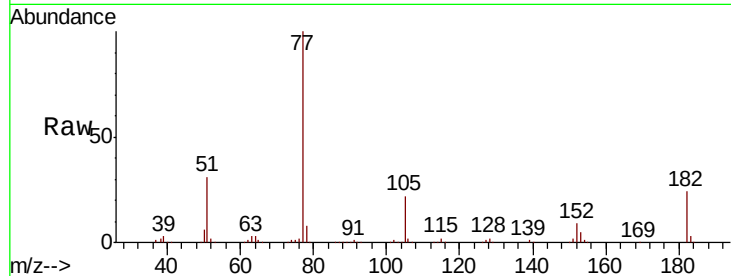
Ion Ratio Lower Upper

77 100

182 23.7 4.3 44.3

105 22.2 1.3 41.3

51 30.9 9.0 49.0

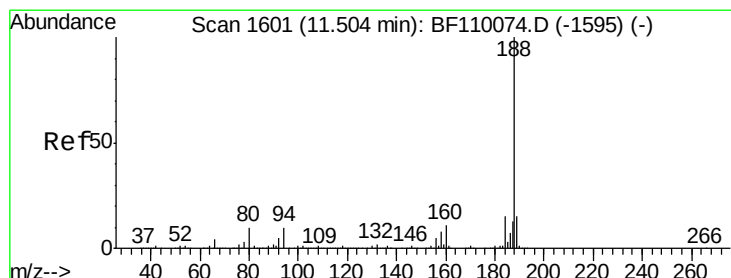
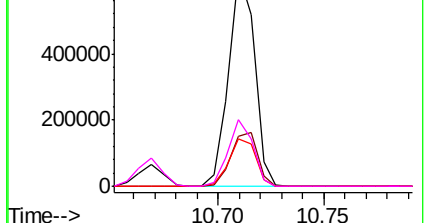


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

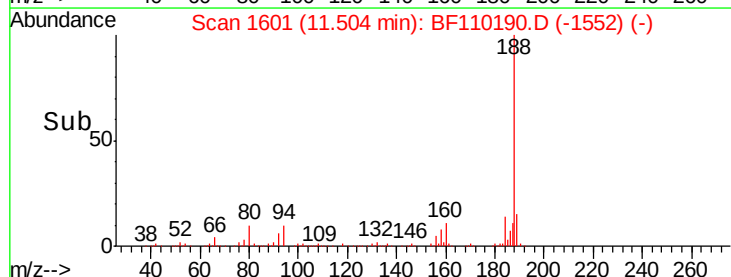
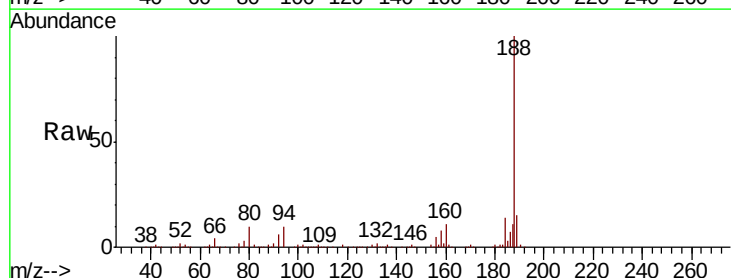
Tgt Ion: 188 Resp: 341934

Ion Ratio Lower Upper

188 100

94 10.1 7.2 10.8

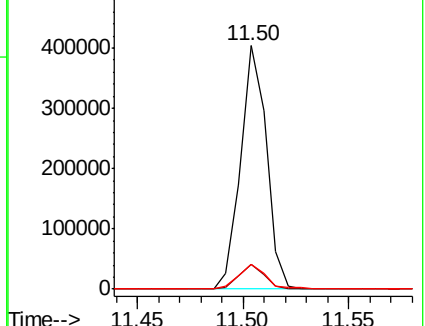
80 10.3 7.9 11.9

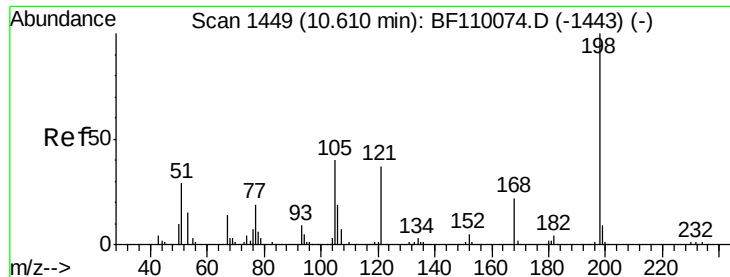


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

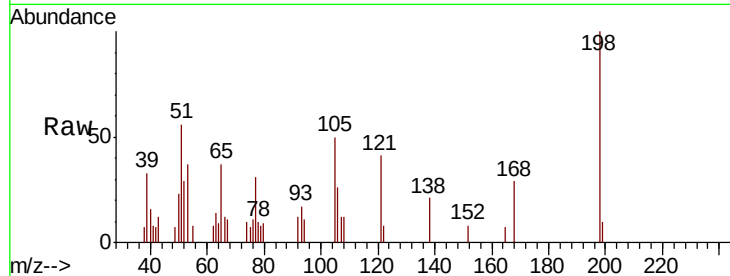




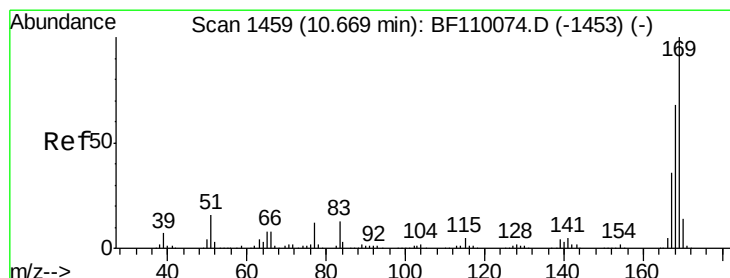
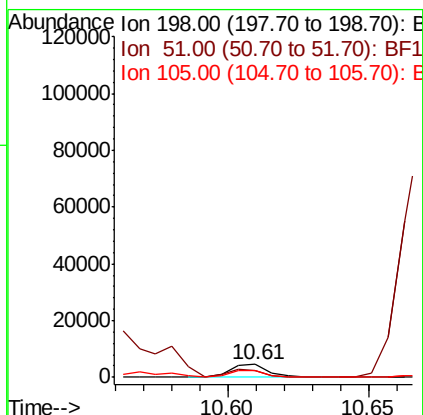
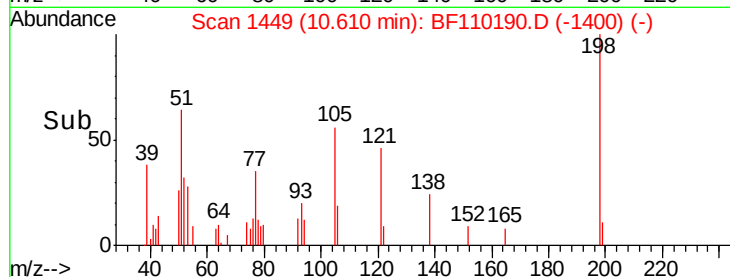
#65
4,6-Dinitro-2-methylphenol
Concen: 2.693 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 4207
Ion Ratio Lower Upper
198 100
51 56.2 22.8 62.8
105 49.6 23.6 63.6

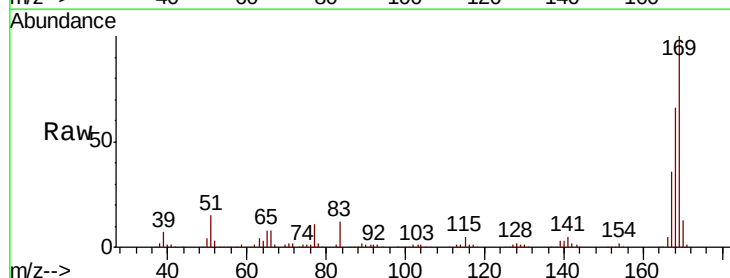


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

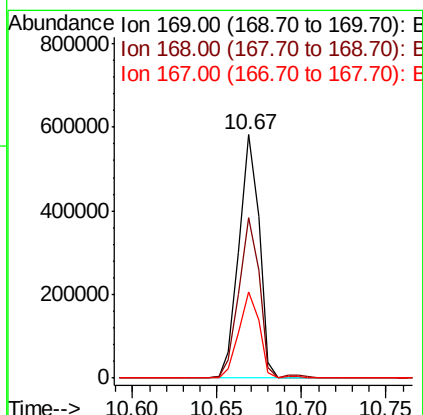
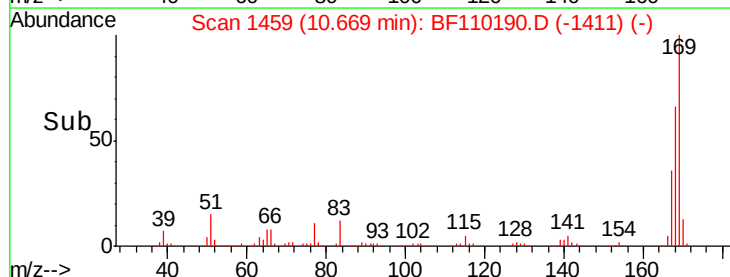


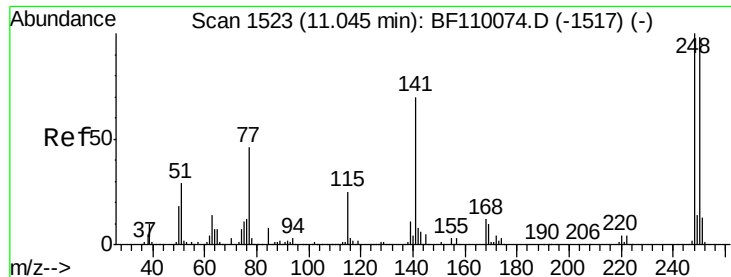
#66
n-Nitrosodiphenylamine
Concen: 43.495 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion:169 Resp: 487818
Ion Ratio Lower Upper
169 100
168 65.8 51.2 76.8
167 35.6 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

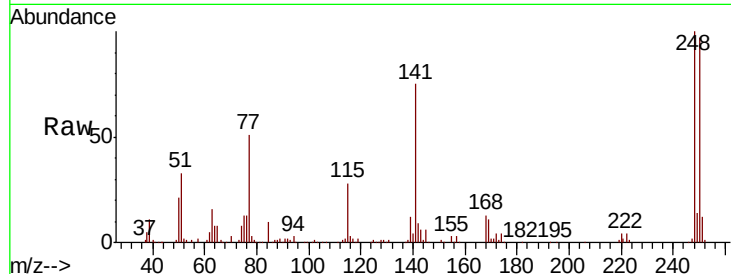




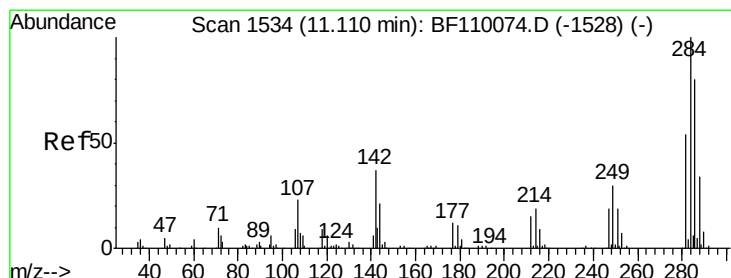
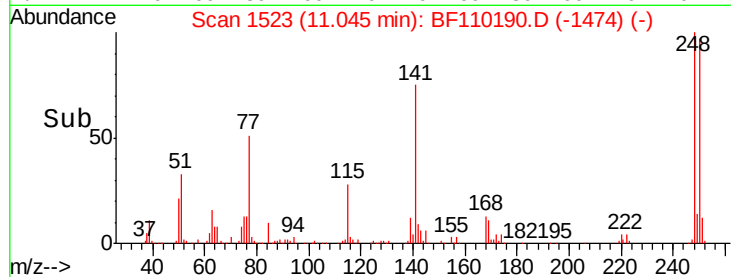
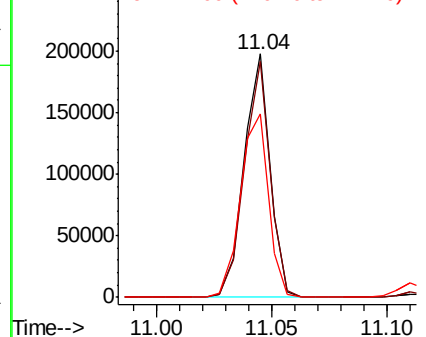
#67
4-Bromophenyl-phenylether
Concen: 41.979 ng
RT: 11.04 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 155700
Ion Ratio Lower Upper
248 100
250 96.9 79.4 119.2
141 75.2 55.9 83.9

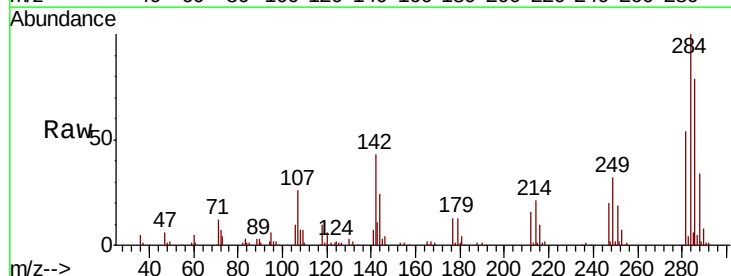


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

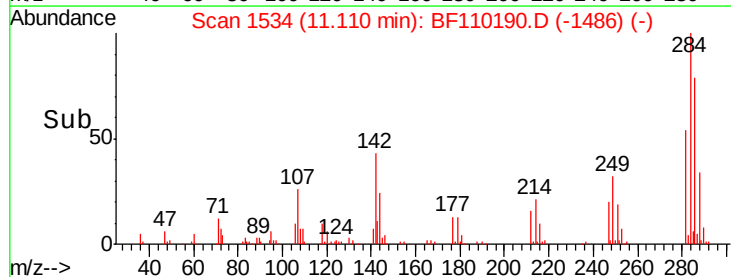
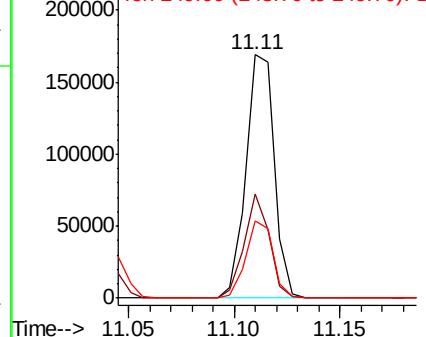


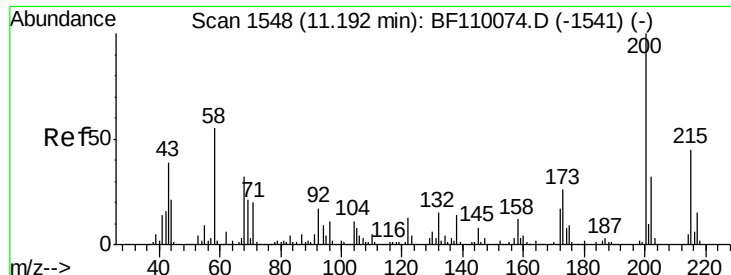
#68
Hexachlorobenzene
Concen: 39.933 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion:284 Resp: 157150
Ion Ratio Lower Upper
284 100
142 42.5 23.9 35.9#
249 31.8 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

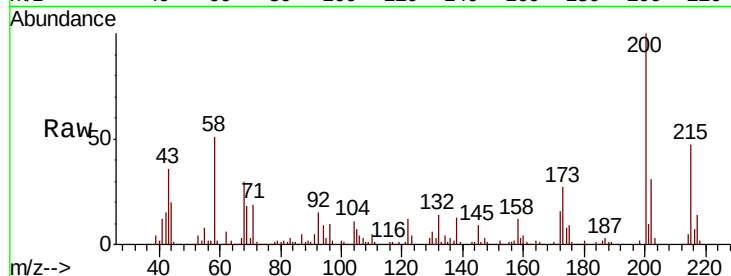




#69
Atrazine
Concen: 36.637 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.6	46.6
215	46.8	26.3	66.3

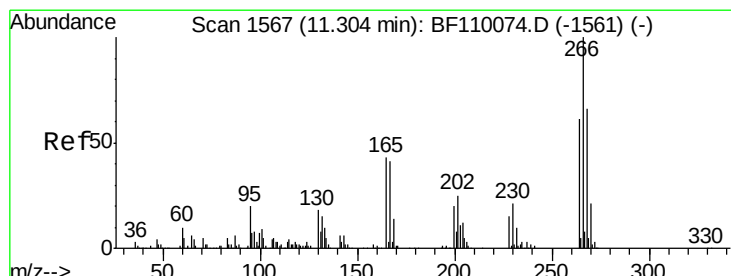
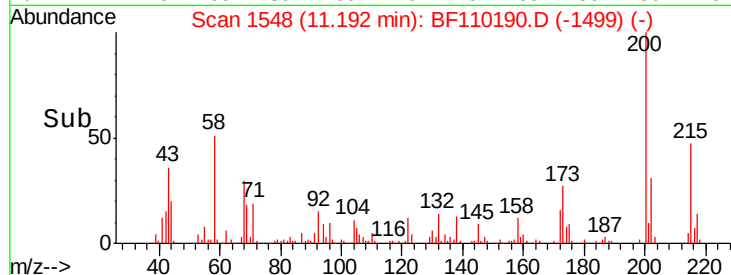
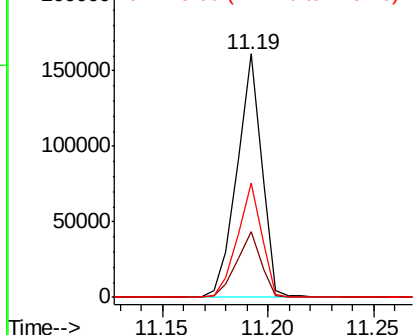


Abundance

Ion 200.00 (199.70 to 200.70): E

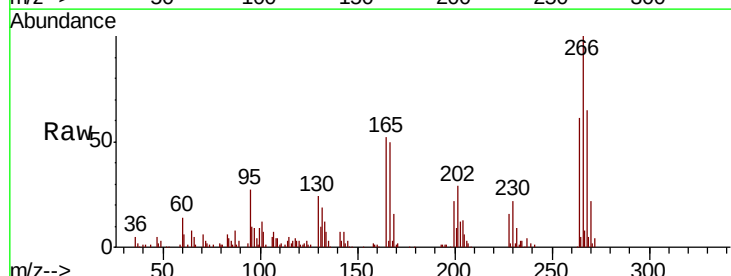
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 34.412 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	50.6	75.8
264	61.4	50.6	75.8

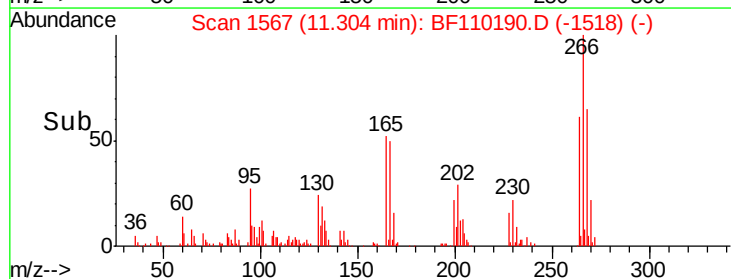
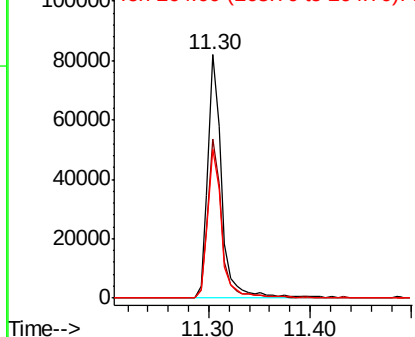


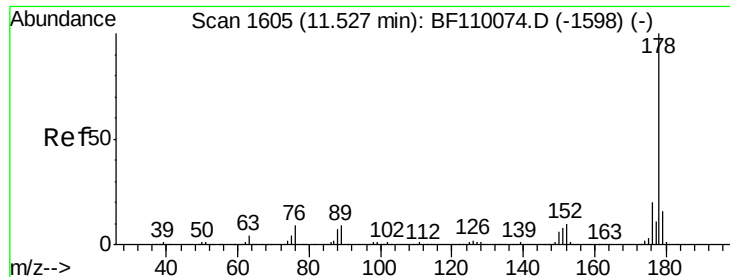
Abundance

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: 39.336 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Instrument :

BNA_F

ClientSampled :

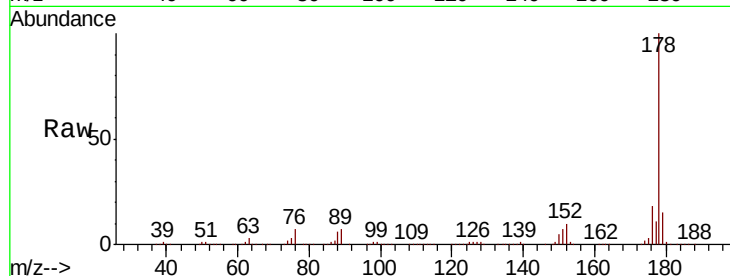
Tot Ion:178 Resp: 703781

Ion Ratio Lower Upper

178 100

176 18.3 15.5 23.3

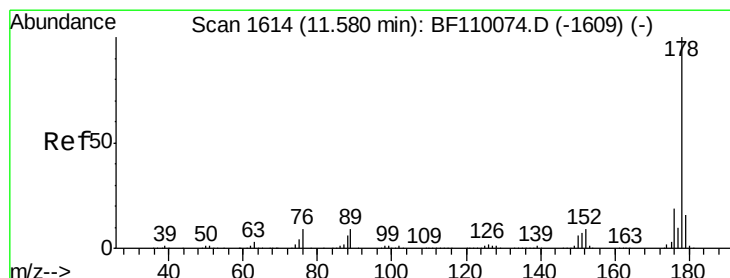
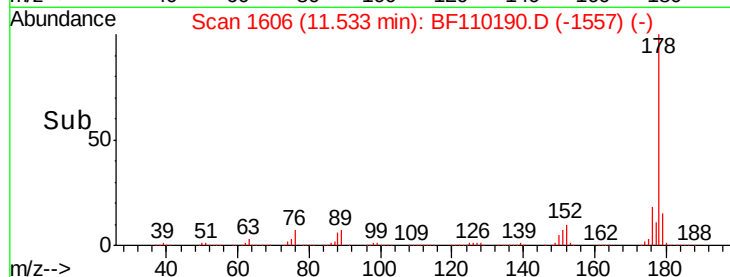
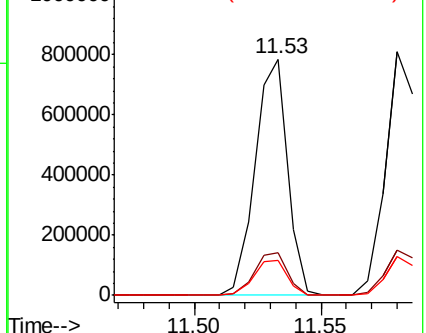
179 14.9 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.321 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.02 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

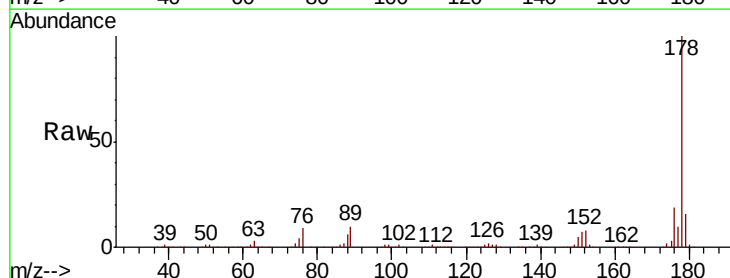
Tgt Ion:178 Resp: 705163

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

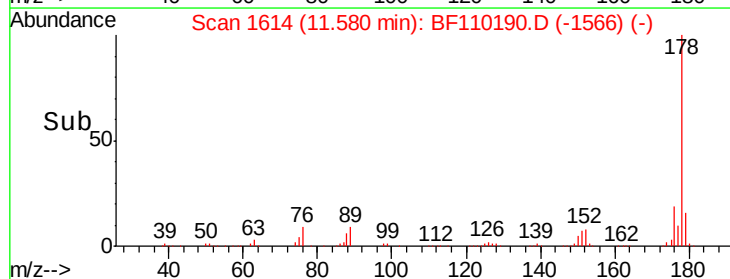
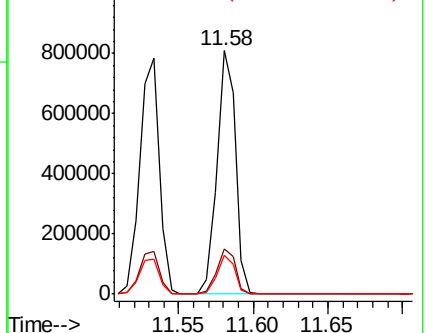
179 15.9 12.6 18.8

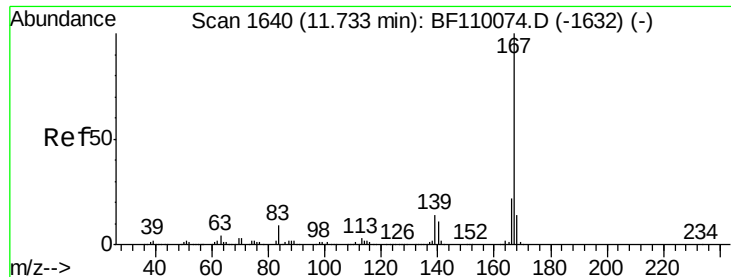


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

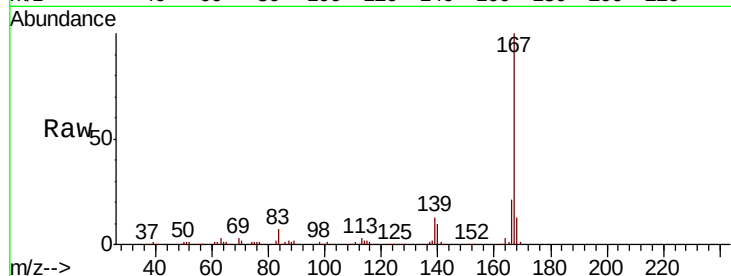




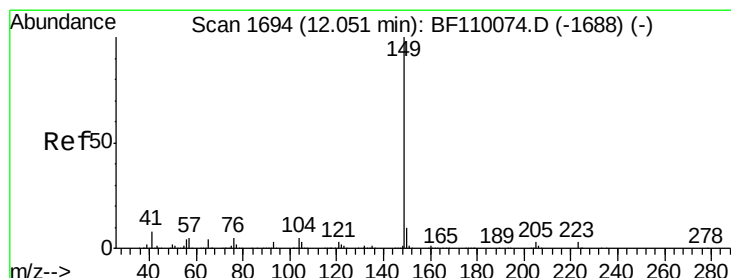
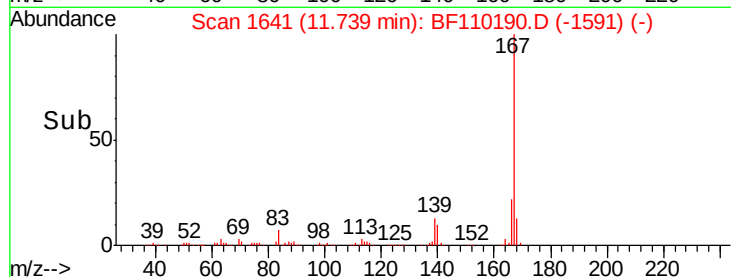
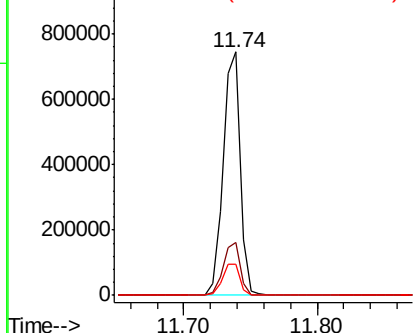
#73
 Carbazole
 Concen: 38.636 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF110190.D
 Acq: 26 Oct 2018 5:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 676510
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 12.8 10.9 16.3

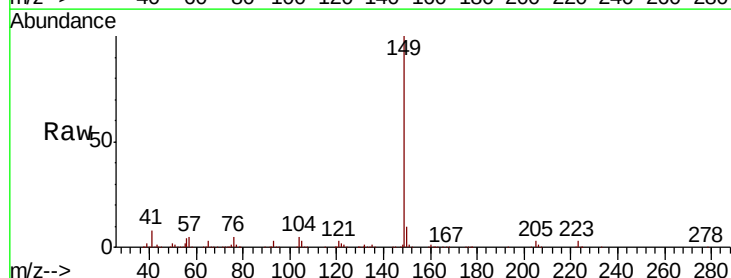


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

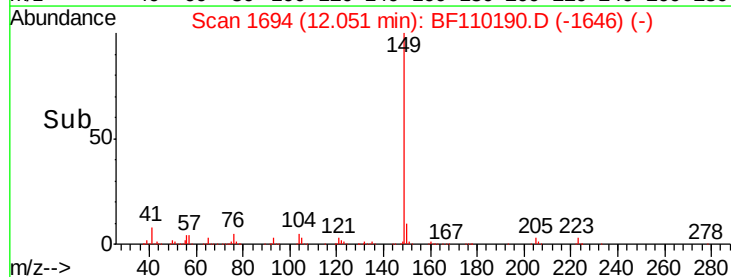
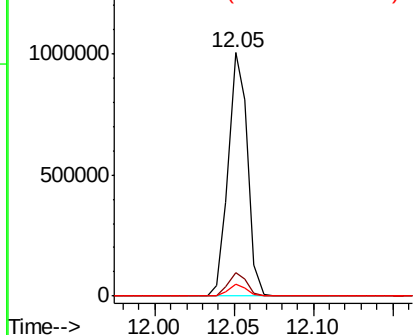


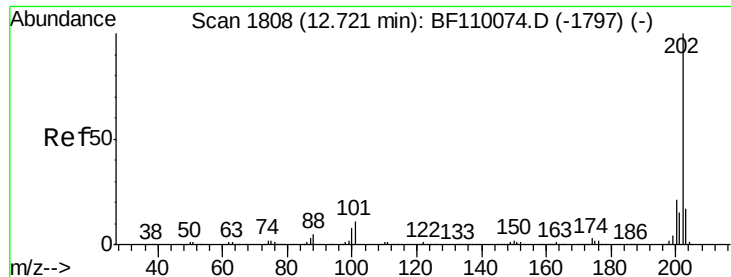
#74
 Di-n-butylphthalate
 Concen: 42.666 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110190.D
 Acq: 26 Oct 2018 5:19

Tgt Ion:149 Resp: 843757
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.1 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

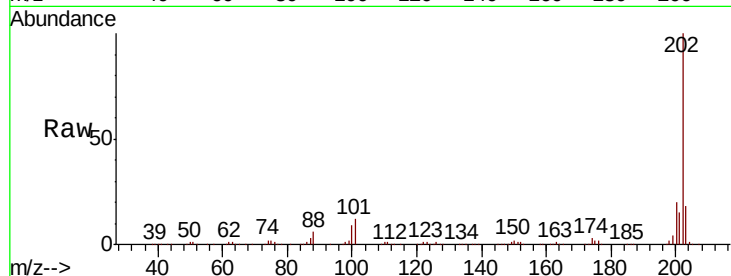




#75
Fluoranthene
Concen: 37.850 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.4
203	17.5	0.0	37.7

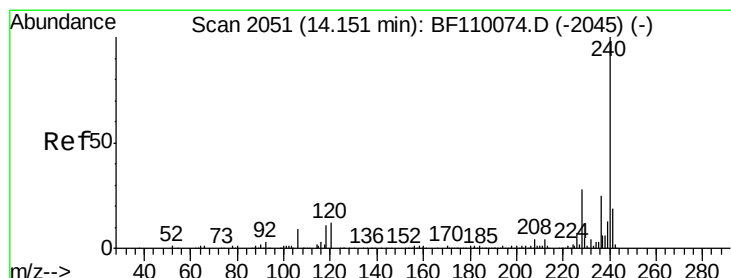
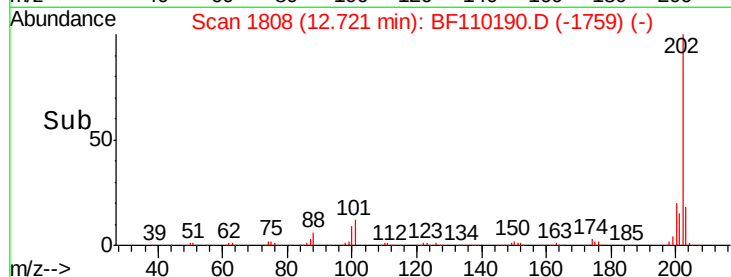
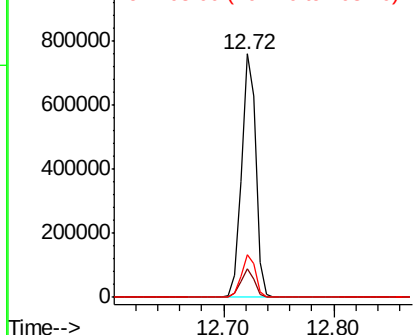


Abundance

Ion 202.00 (201.70 to 202.70): E

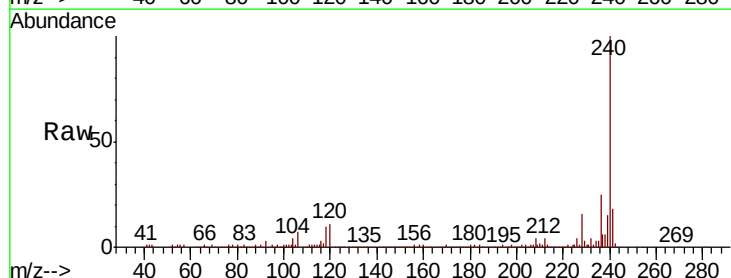
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	25.4	21.2	31.8

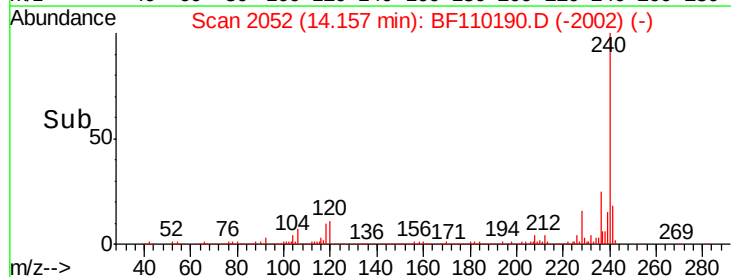
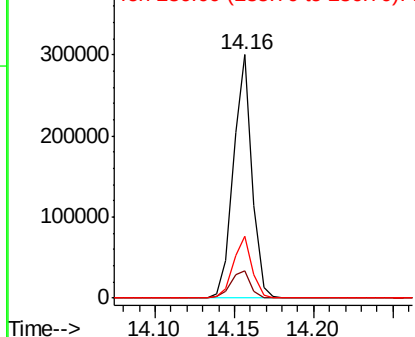


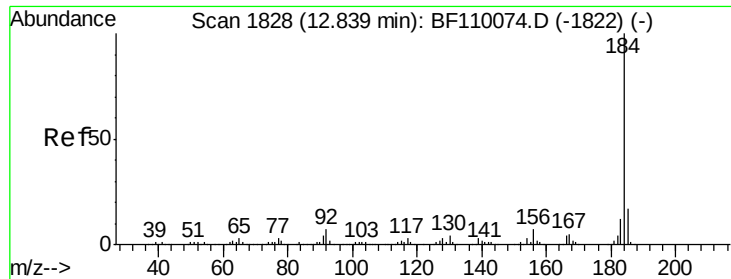
Abundance

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: Below Cal

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Instrument :

BNA_F

ClientSampleId :

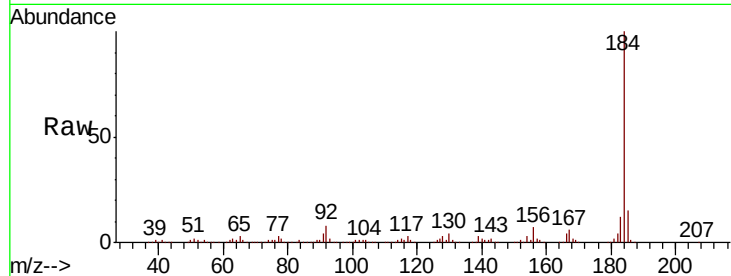
Tot Ion:184 Resp: 451808

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.2

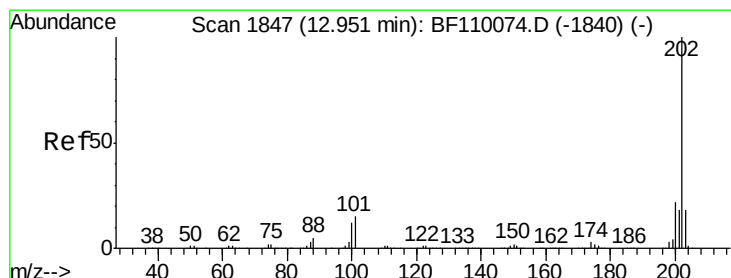
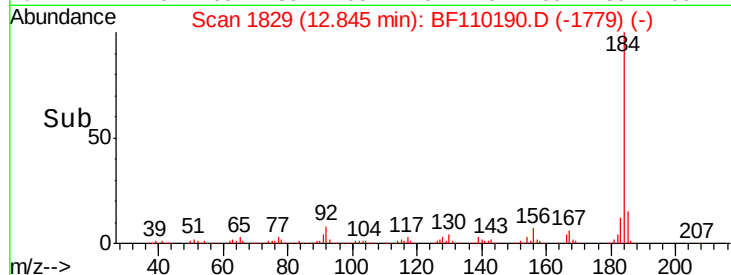
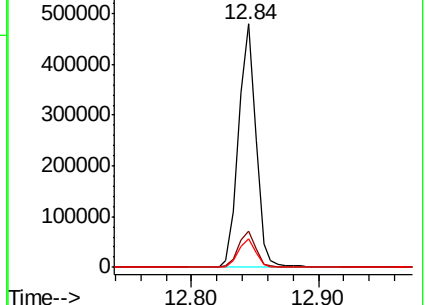
183 11.9 9.4 14.2



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: 40.097 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

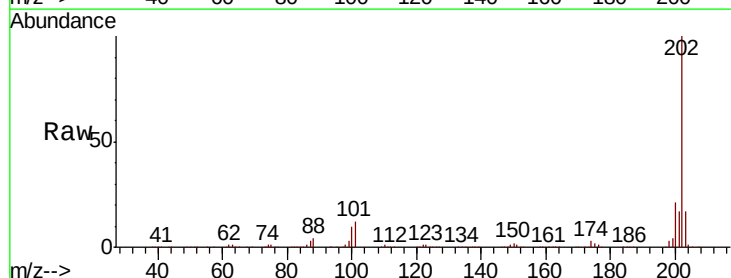
Tgt Ion:202 Resp: 698968

Ion Ratio Lower Upper

202 100

200 20.7 17.8 26.6

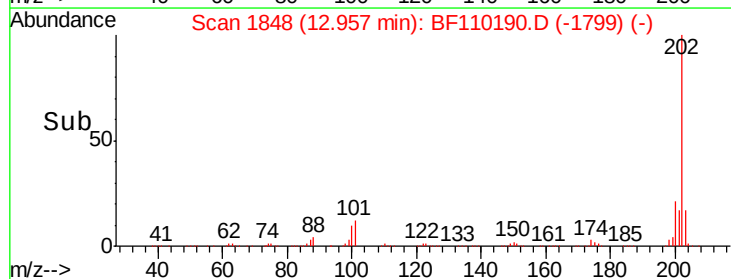
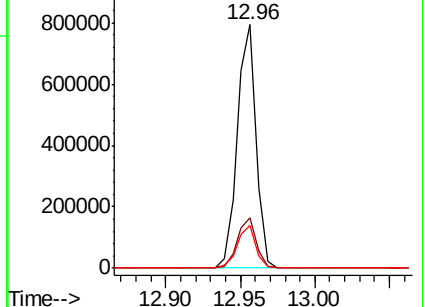
203 17.4 14.2 21.4

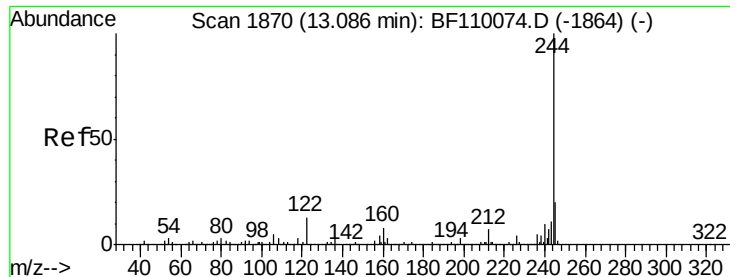


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

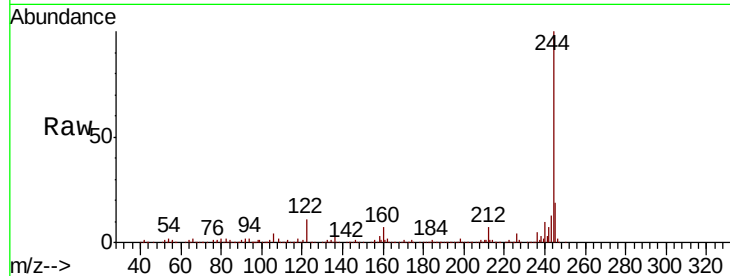




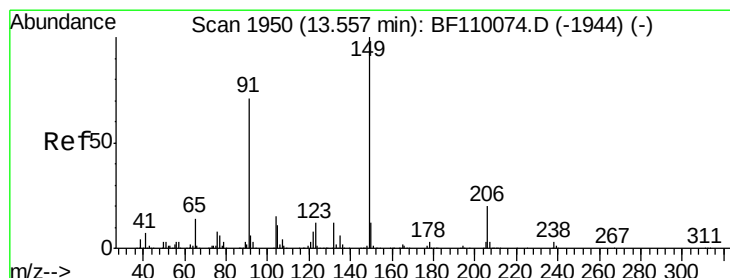
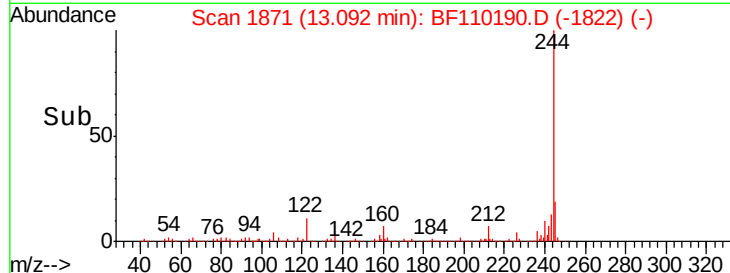
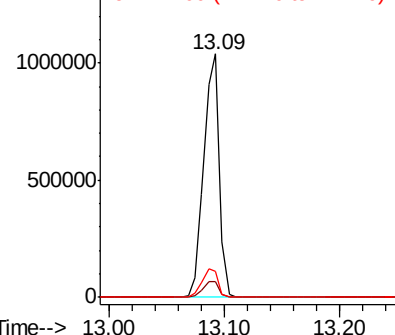
#79
 Terphenyl-d14
 Concen: 82.590 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF110190.D
 Acq: 26 Oct 2018 5:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.9	8.7	13.1

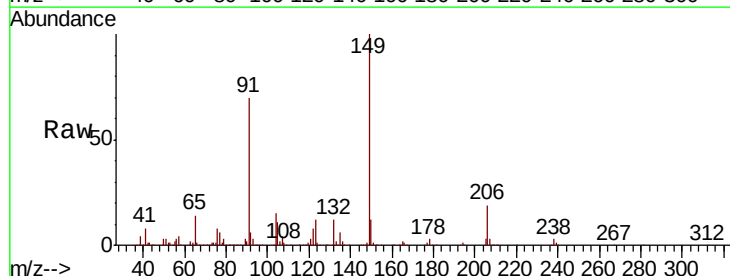


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

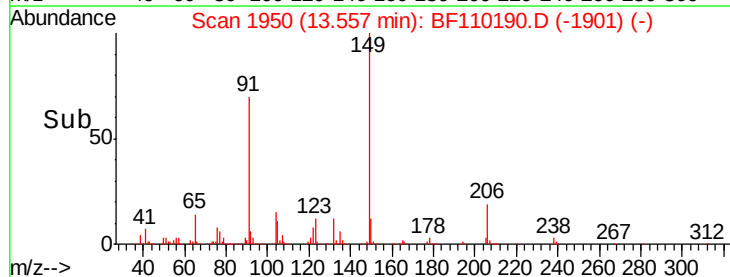
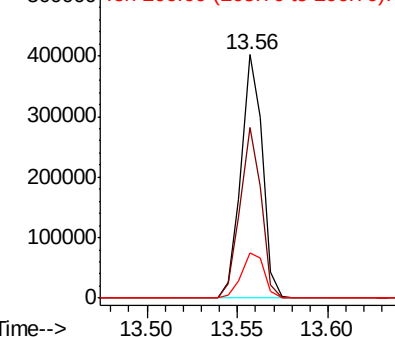


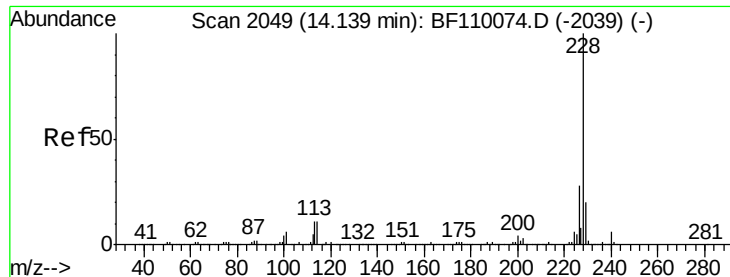
#80
 Butylbenzylphthalate
 Concen: 43.943 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF110190.D
 Acq: 26 Oct 2018 5:19

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.3	57.2	85.8
206	18.6	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

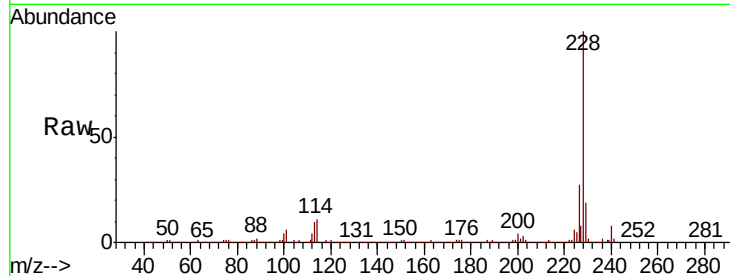




#81
Benzo(a)anthracene
Concen: 38.829 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.1	33.1
229	19.3	15.6	23.4

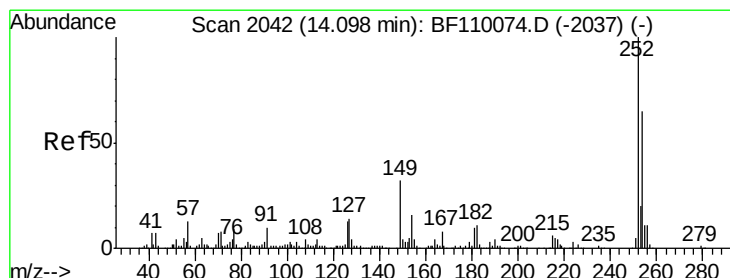
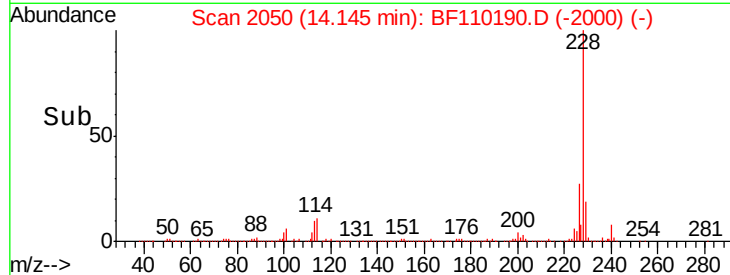
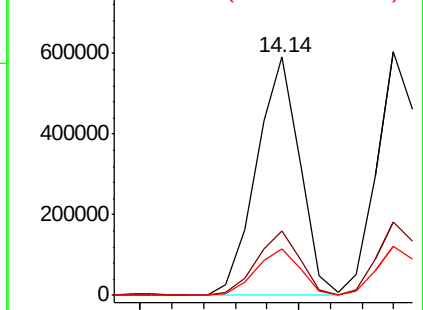


Abundance

Ion 228.00 (227.70 to 228.70): E

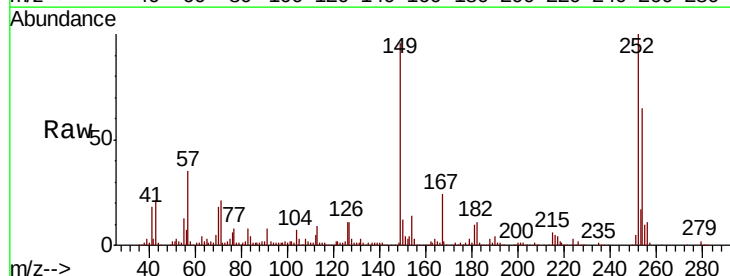
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 44.605 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.3	76.9
126	10.7	9.4	14.2

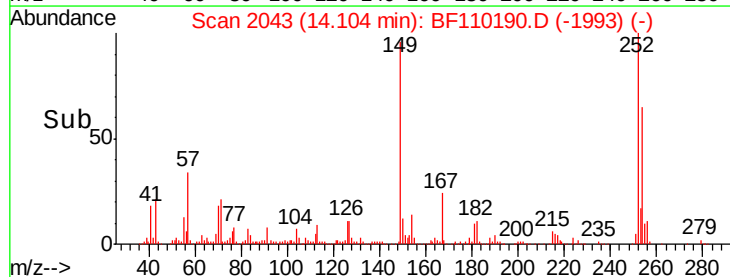
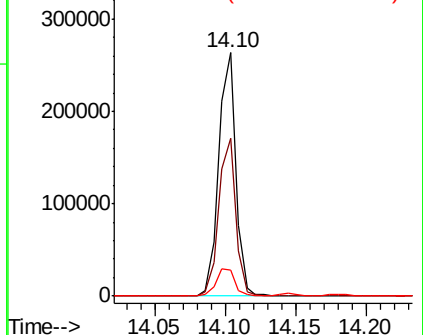


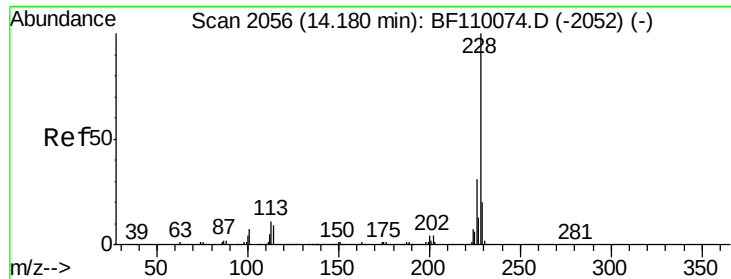
Abundance

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: 38.464 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Instrument :

BNA_F

ClientSampleId :

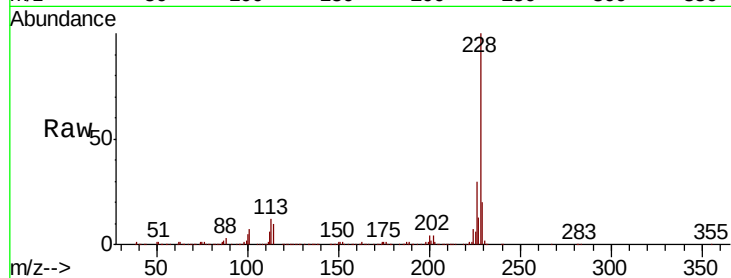
Tot Ion:228 Resp: 526782

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

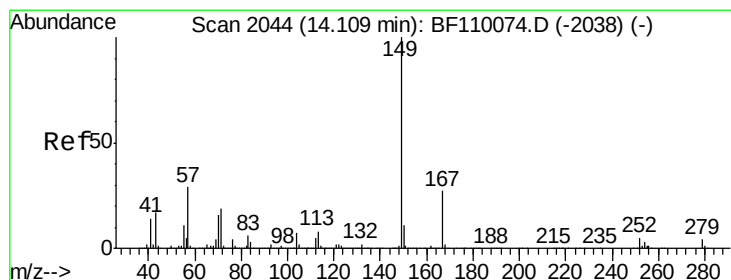
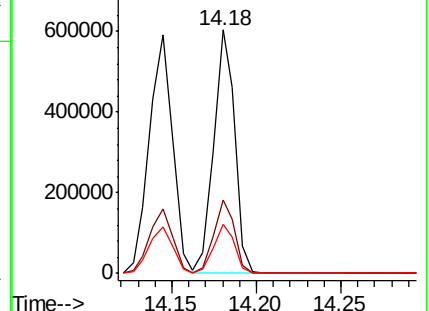
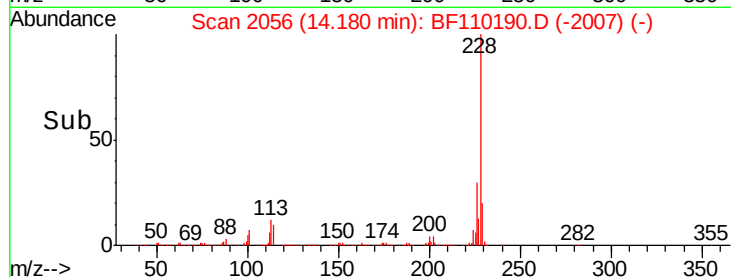
229 20.0 15.9 23.9



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: 43.964 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

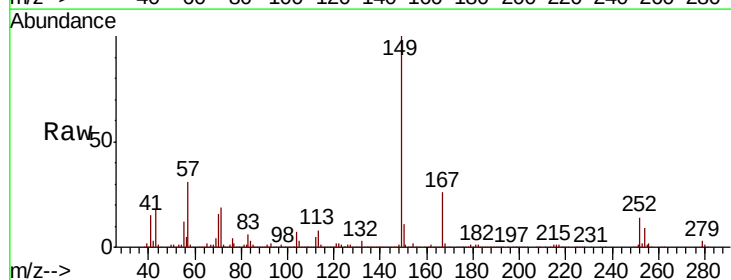
Tgt Ion:149 Resp: 449656

Ion Ratio Lower Upper

149 100

167 26.5 19.8 29.8

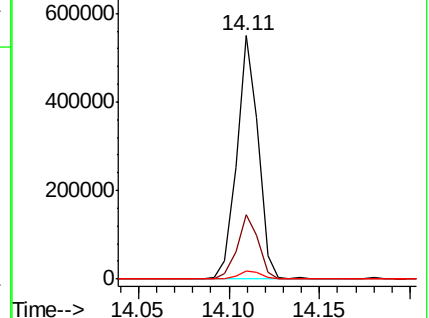
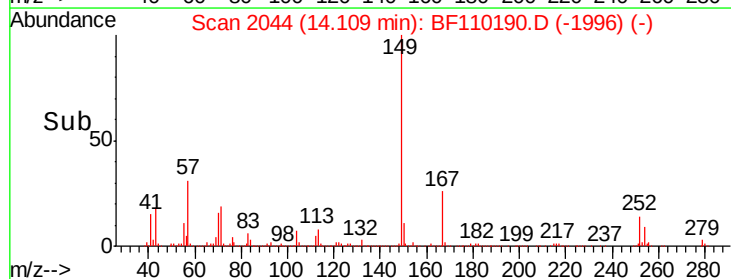
279 3.1 2.7 4.1

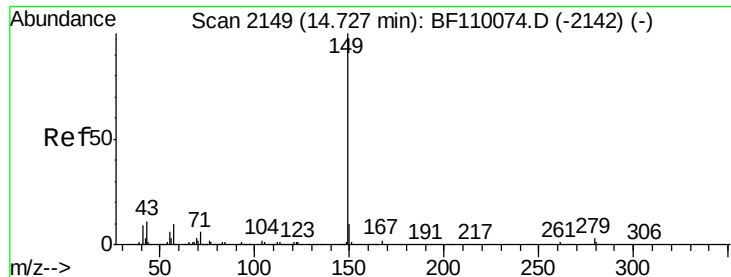


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

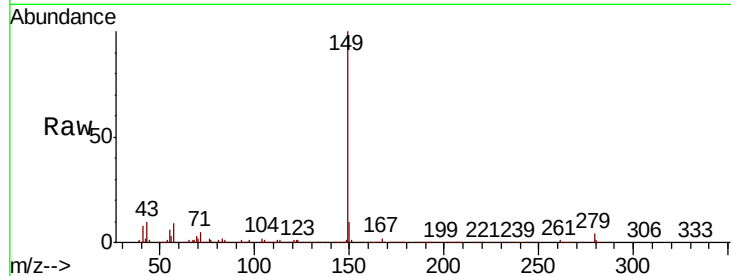




#85
Di-n-octyl phthalate
Concen: 45.136 ng
RT: 14.73 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.5	7.8	11.8

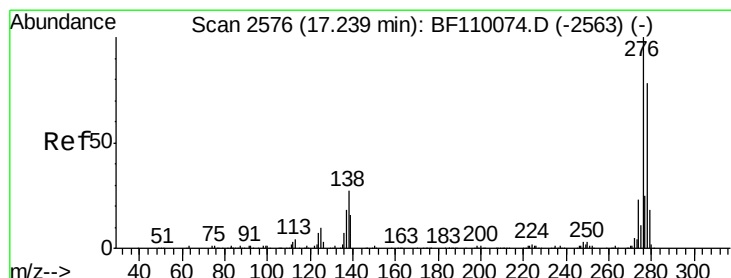
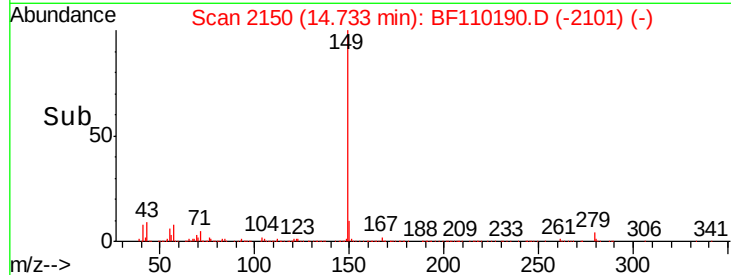
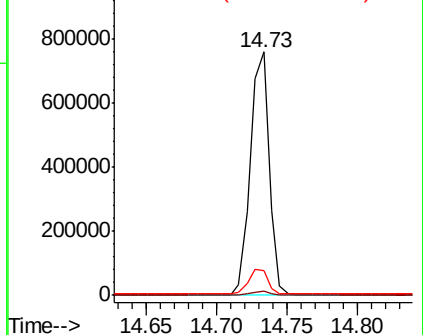


Abundance

Ion 149.00 (148.70 to 149.70): E

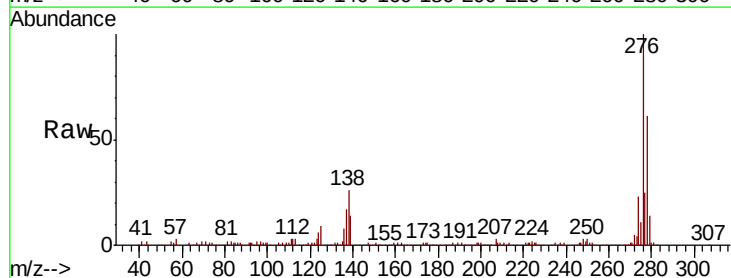
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.277 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.1	18.5	27.7
277	25.6	20.0	30.0

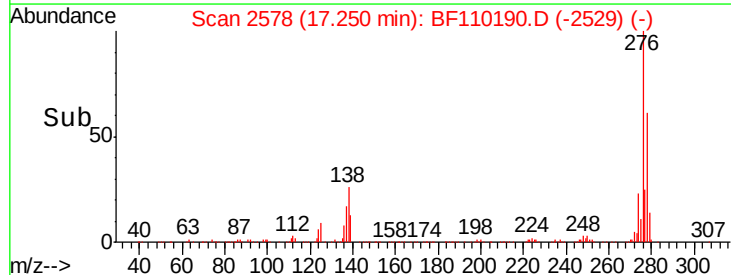
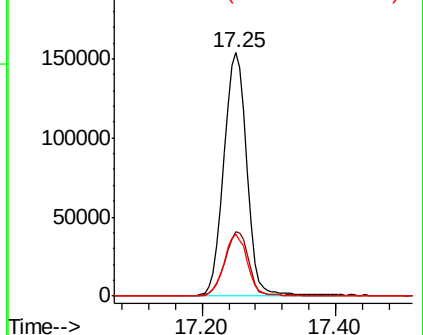


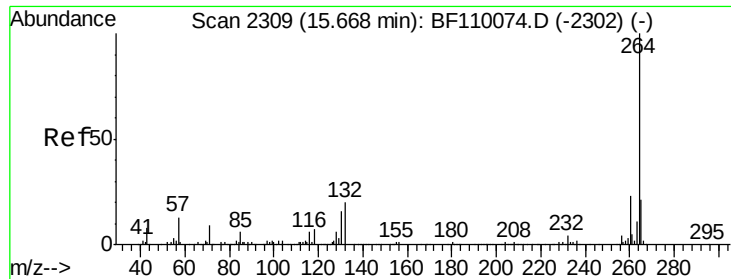
Abundance

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: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

Instrument :

BNA_F

ClientSampleId :

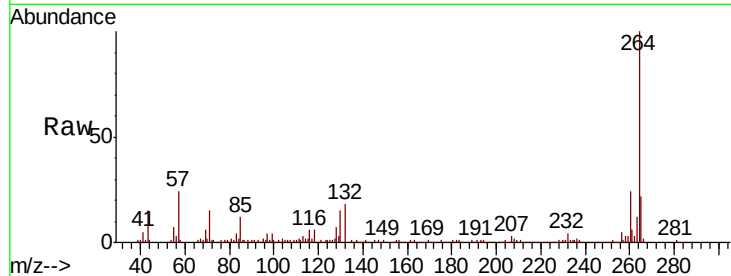
Tot Ion:264 Resp: 182515

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 22.5 16.7 25.1

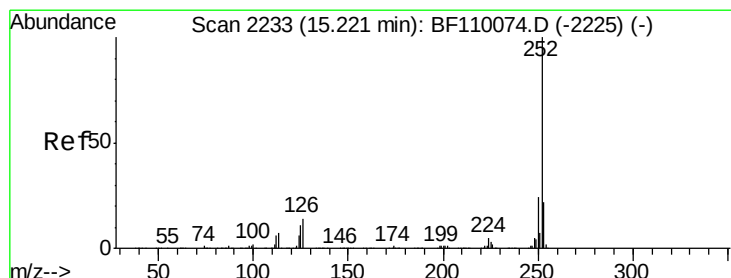
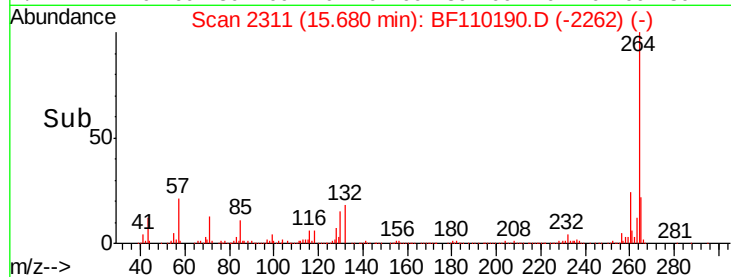
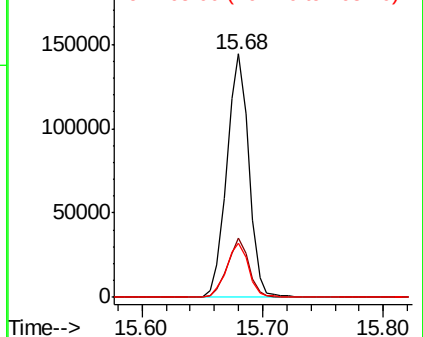


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.929 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF110190.D

Acq: 26 Oct 2018 5:19

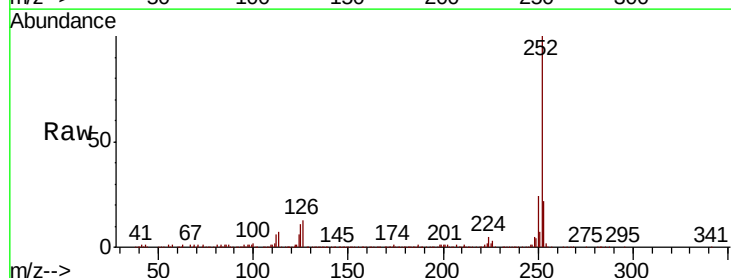
Tgt Ion:252 Resp: 420835

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 10.5 8.2 12.4

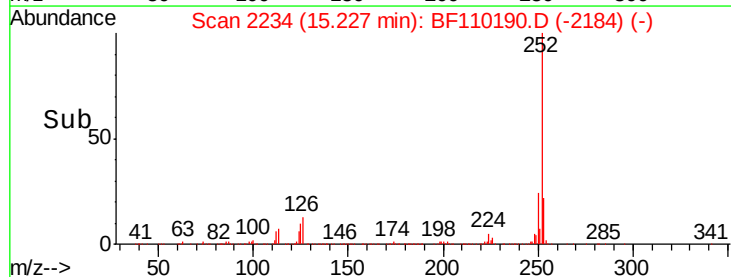
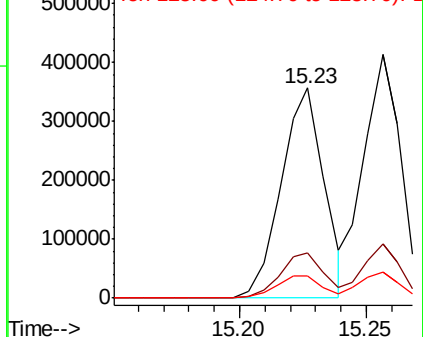


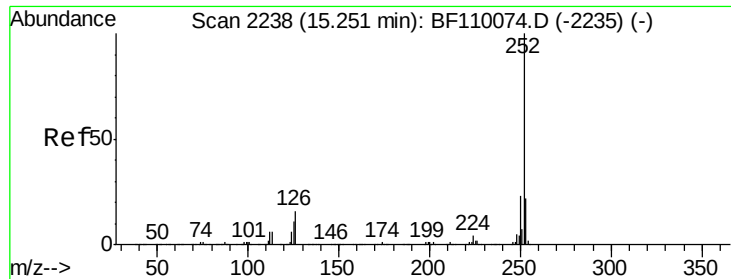
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

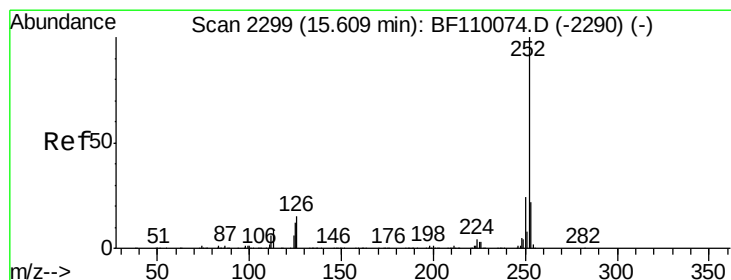
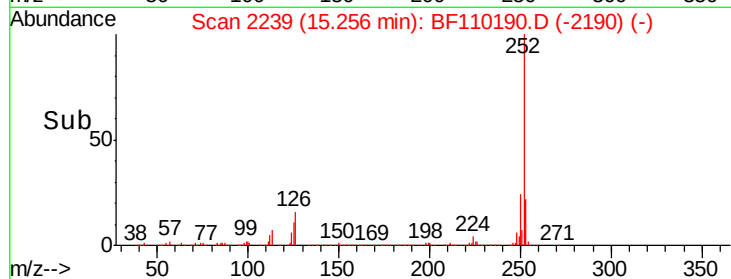
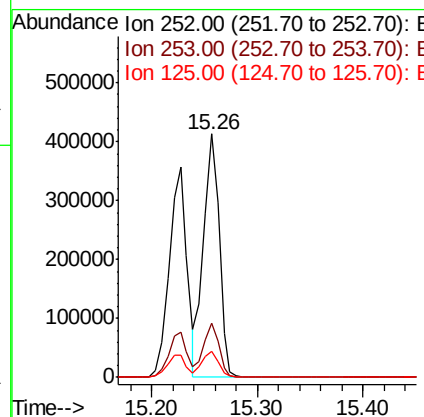
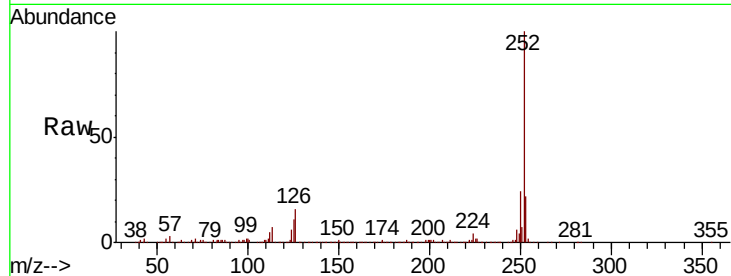




#89
Benzo(k)fluoranthene
Concen: 41.206 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

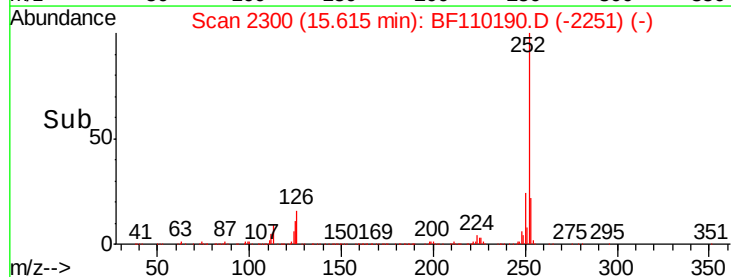
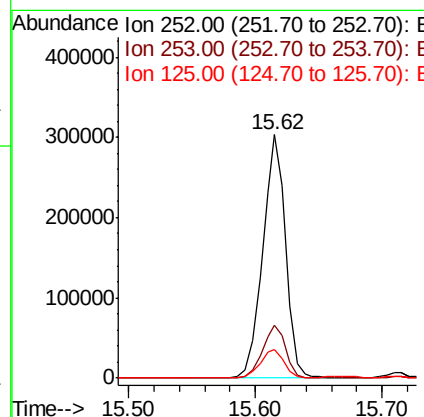
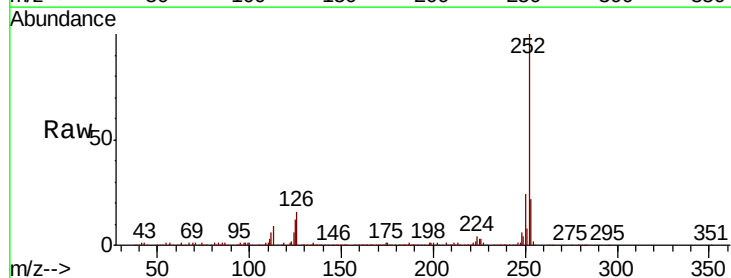
Instrument :
BNA_F
ClientSampleId :

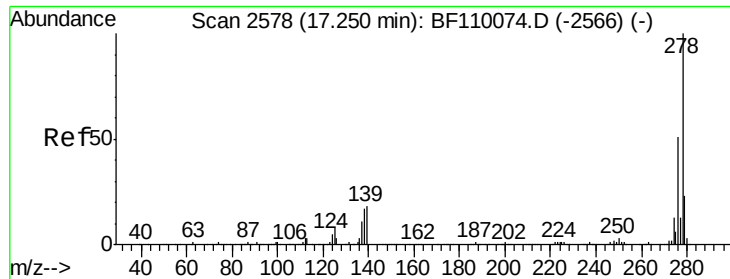
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	10.8	7.4	11.0



#90
Benzo(a)pyrene
Concen: 39.366 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	11.6	9.0	13.6

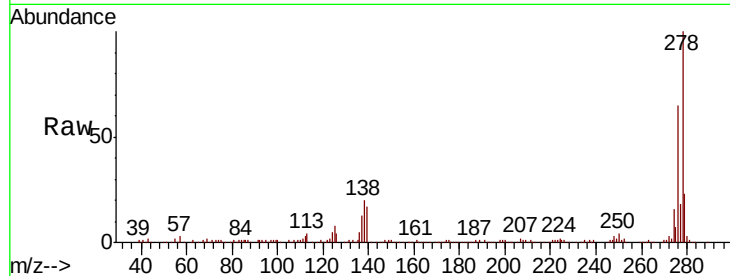




#91
Dibenzo(a,h)anthracene
Concen: 38.533 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.02 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	12.7	19.1
279	23.3	19.0	28.4

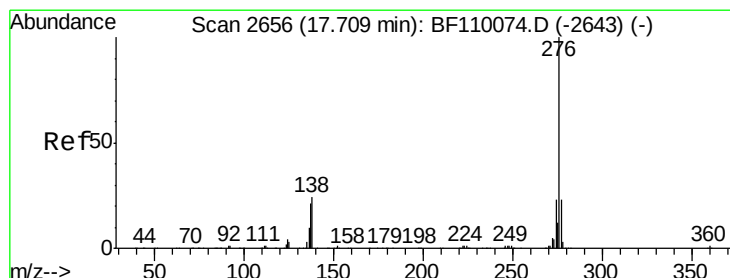
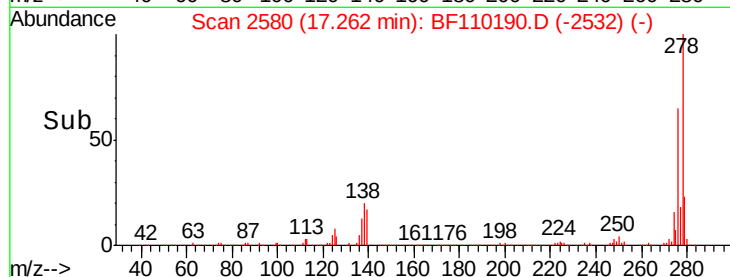
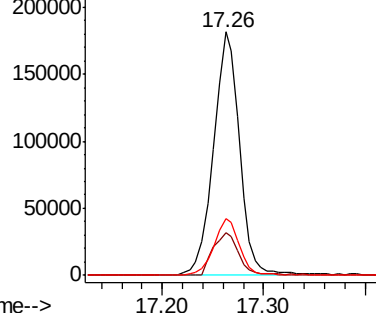


Abundance

Ion 278.00 (277.70 to 278.70): E

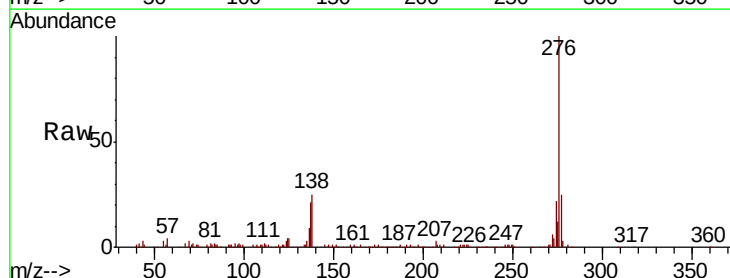
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 35.843 ng
RT: 17.72 min Scan# 2658
Delta R.T. -0.02 min
Lab File: BF110190.D
Acq: 26 Oct 2018 5:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	24.6	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

