

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110581.D
 Acq On : 8 Nov 2018 13:29
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 08 14:00:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 13:42:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	80266	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	336836	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	158737	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	288917	20.00	ng	0.00
76) Chrysene-d12	14.14	240	175118	20.00	ng	0.00
87) Perylene-d12	15.66	264	137033	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	771639	156.55	ng	0.00
7) Phenol-d6	6.59	99	968397	153.60	ng	0.01
23) Nitrobenzene-d5	7.53	82	908207	159.93	ng	0.01
42) 2,4,6-Tribromophenol	10.79	330	235484	149.76	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1558920	154.21	ng	0.00
79) Terphenyl-d14	13.07	244	1478089	175.54	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.79	88	198173	76.739	ng	91
3) Pyridine	3.57	79	442986	77.016	ng	# 85
4) n-Nitrosodimethylamine	3.56	42	198645	82.432	ng	91
6) Aniline	6.63	93	622795	75.833	ng	# 53
8) 2-Chlorophenol	6.74	128	441504	77.693	ng	97
9) Benzaldehyde	6.50	77	207504	54.212	ng	98
10) Phenol	6.60	94	563240	83.578	ng	# 73
11) bis(2-Chloroethyl)ether	6.69	93	429721	77.506	ng	95
12) 1,3-Dichlorobenzene	6.89	146	485540	77.640	ng	99
13) 1,4-Dichlorobenzene	6.97	146	490056	77.481	ng	98
14) 1,2-Dichlorobenzene	7.12	146	446076	75.973	ng	99
15) Benzyl Alcohol	7.10	79	371574	76.630	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	644023	72.649	ng	70
17) 2-Methylphenol	7.20	107	351709	77.659	ng	# 85
18) Hexachloroethane	7.46	117	184168	79.533	ng	93
19) n-Nitroso-di-n-propylamine	7.37	70	308598	76.298	ng	99
20) 3+4-Methylphenols	7.36	107	428917	73.268	ng	# 87
22) Acetophenone	7.37	105	585331	75.415	ng	96
24) Nitrobenzene	7.55	77	462503	78.884	ng	95
25) Isophorone	7.78	82	756812	78.180	ng	96
26) 2-Nitrophenol	7.85	139	246352	88.297	ng	99
27) 2,4-Dimethylphenol	7.88	122	355455	76.843	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	499877	76.013	ng	100
29) 2,4-Dichlorophenol	8.09	162	363336	77.746	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	408030	77.947	ng	95
31) Naphthalene	8.26	128	1187506	76.493	ng	99
32) Benzoic acid	8.05	122	287619	80.449	ng	97
33) 4-Chloroaniline	8.30	127	526003	75.285	ng	100
34) Hexachlorobutadiene	8.36	225	230308	79.238	ng	98
35) Caprolactam	8.72	113	101594	62.371	ng	92
36) 4-Chloro-3-methylphenol	8.79	107	388389	76.854	ng	97
37) 2-Methylnaphthalene	8.95	142	773714	75.327	ng	100
38) 1-Methylnaphthalene	9.05	142	741222	74.675	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	378079	76.443	ng	98

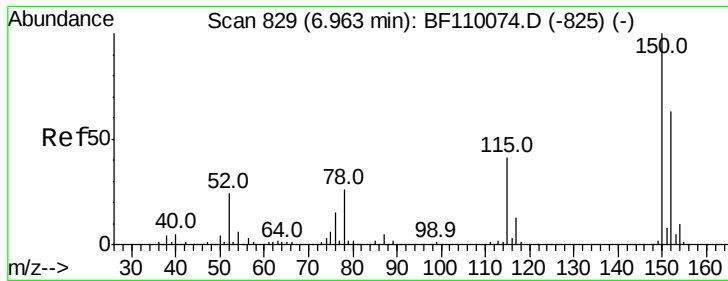
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	158340	62.609	nq	100
43) 2,4,6-Trichlorophenol	9.23	196	240047	75.248	nq	93
44) 2,4,5-Trichlorophenol	9.27	196	256836	76.167	nq	96
46) 1,1'-Biphenyl	9.42	154	1081490	75.342	nq	99
47) 2-Chloronaphthalene	9.45	162	801134	76.085	nq	99
48) 2-Nitroaniline	9.55	65	257457	80.688	nq	92
49) Acenaphthylene	9.86	152	1127533	74.140	nq	99
50) Dimethylphthalate	9.71	163	892986	76.209	nq	99
51) 2,6-Dinitrotoluene	9.79	165	198324	78.575	nq	95
52) Acenaphthene	10.03	154	718612	71.426	nq	98
53) 3-Nitroaniline	9.96	138	231571	77.151	nq	89
54) 2,4-Dinitrophenol	10.07	184	83043	93.647	nq	91
55) Dibenzofuran	10.20	168	1019088	72.346	nq	97
56) 4-Nitrophenol	10.12	139	163442	73.573	nq	96
57) 2,4-Dinitrotoluene	10.19	165	254741	79.459	nq	99
58) Fluorene	10.55	166	790724	75.425	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	203636	74.090	nq	95
60) Diethylphthalate	10.41	149	862445	75.400	nq	100
61) 4-Chlorophenyl-phenylether	10.53	204	401604	72.617	nq	98
62) 4-Nitroaniline	10.59	138	227719	76.280	nq	91
63) Azobenzene	10.69	77	849186	74.794	nq	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	130107	98.567	nq	88
66) n-Nitrosodiphenylamine	10.66	169	736288	77.696	nq	97
67) 4-Bromophenyl-phenylether	11.02	248	244450	78.002	nq	# 90
68) Hexachlorobenzene	11.10	284	256229	77.057	nq	94
69) Atrazine	11.17	200	166926	55.739	nq	99
70) Pentachlorophenol	11.29	266	147380	76.011	nq	97
71) Phenanthrene	11.52	178	1134462	75.043	nq	99
72) Anthracene	11.57	178	1137401	75.062	nq	100
73) Carbazole	11.72	167	1104910	74.681	nq	99
74) Di-n-butylphthalate	12.03	149	1306368	78.181	nq	99
75) Fluoranthene	12.70	202	1124073	73.265	nq	99
77) Benzidine	12.82	184	314452	52.747	nq	99
78) Pyrene	12.94	202	1137999	90.645	nq	99
80) Butylbenzylphthalate	13.53	149	481534	88.368	nq	100
81) Benzo(a)anthracene	14.13	228	820540	79.013	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	230468	63.732	nq	# 98
83) Chrysene	14.17	228	764825	77.540	nq	100
84) Bis(2-ethylhexyl)phthalate	14.08	149	574624	78.009	nq	97
85) Di-n-octyl phthalate	14.70	149	857343	74.852	nq	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	677594	82.807	nq	98
88) Benzo(b)fluoranthene	15.21	252	621455	78.534	nq	99
89) Benzo(k)fluoranthene	15.21	252	621455	79.884	nq	98
90) Benzo(a)pyrene	15.60	252	585340	80.388	nq	99
91) Dibenzo(a,h)anthracene	17.26	278	555151	88.361	nq	100
92) Benzo(g,h,i)perylene	17.72	276	572857	92.529	nq	98

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

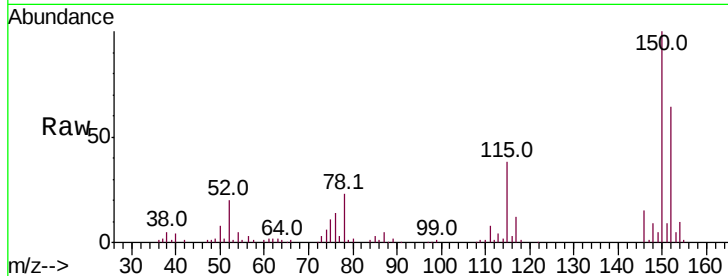


#1

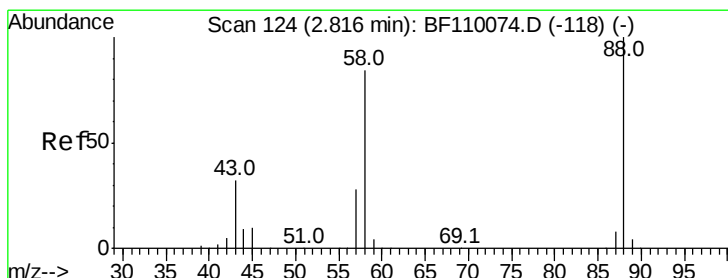
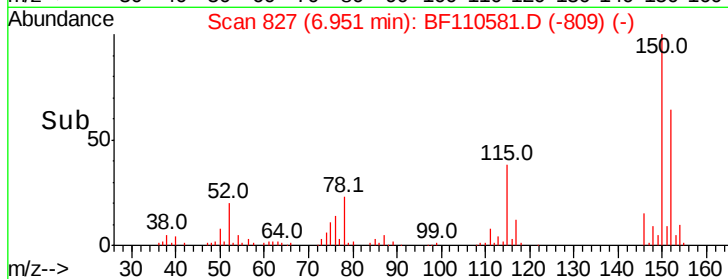
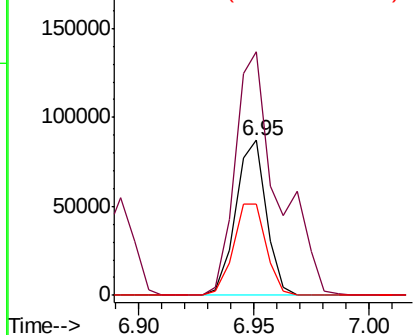
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 80266
Ion Ratio Lower Upper
152 100
150 157.4 122.7 184.1
115 59.3 49.1 73.7



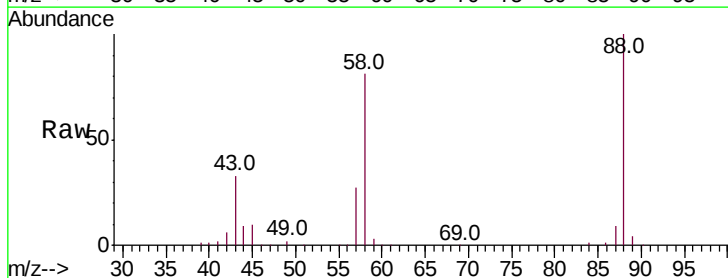
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



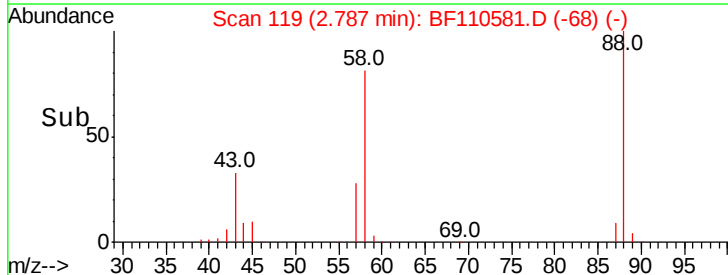
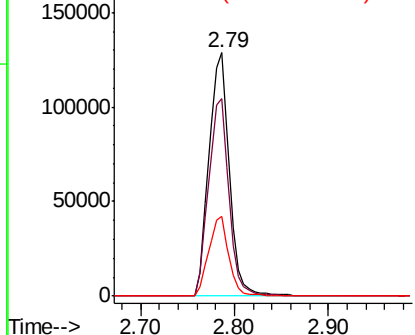
#2

1,4-Dioxane
Concen: 76.739 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion: 88 Resp: 198173
Ion Ratio Lower Upper
88 100
58 80.8 57.1 85.7
43 32.1 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: 77.016 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.00 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleId :

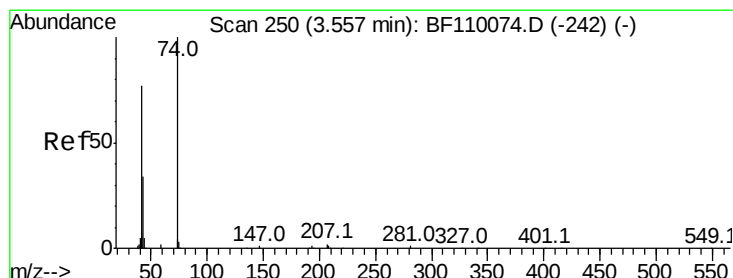
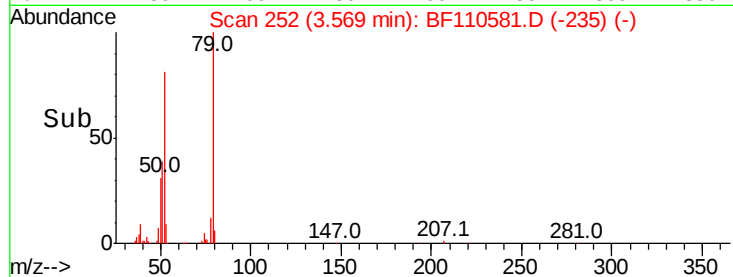
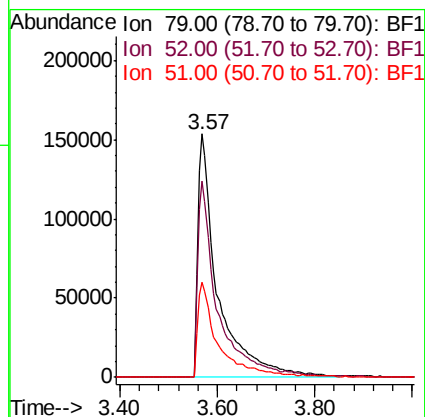
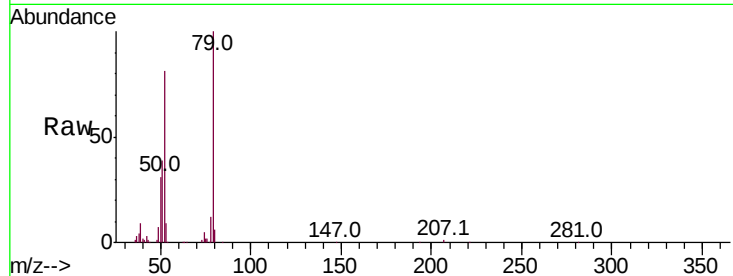
Tot Ion: 79 Resp: 442986

Ion Ratio Lower Upper

79 100

52 80.8 53.1 79.7#

51 39.2 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 82.432 ng

RT: 3.56 min Scan# 250

Delta R.T. 0.02 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

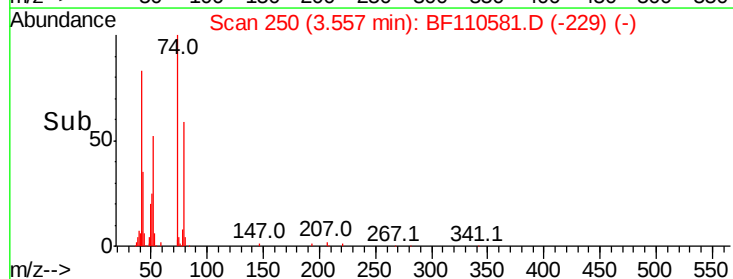
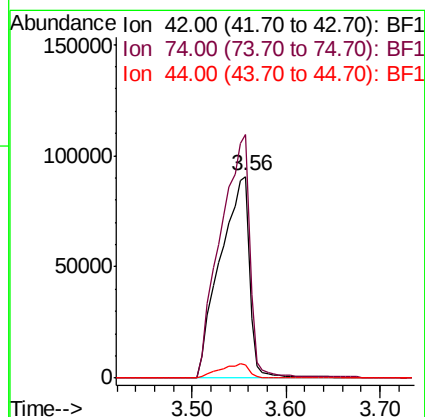
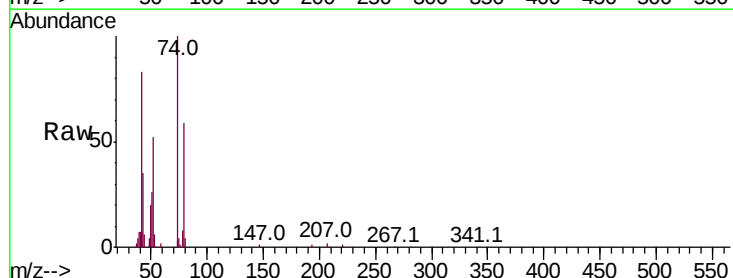
Tgt Ion: 42 Resp: 198645

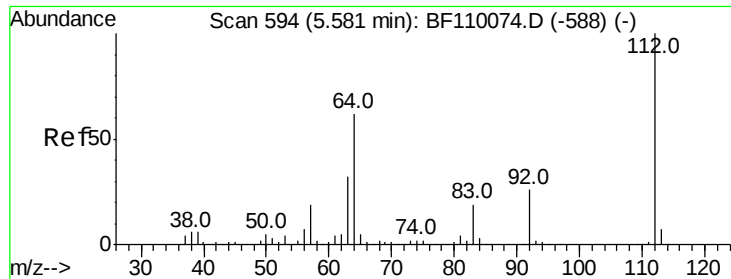
Ion Ratio Lower Upper

42 100

74 120.9 105.5 158.3

44 6.7 4.9 7.3





#5

2-Fluorophenol

Concen: 156.552 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

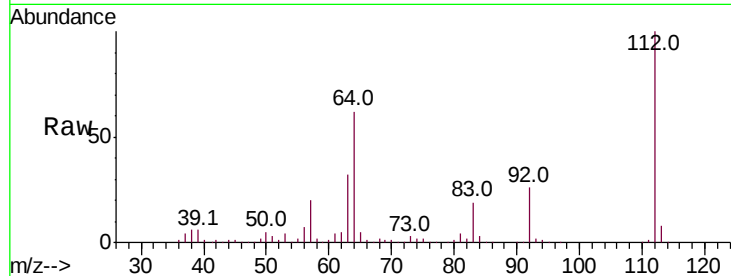
Tot Ion:112 Resp: 771639

Ion Ratio Lower Upper

112 100

64 61.7 44.1 66.1

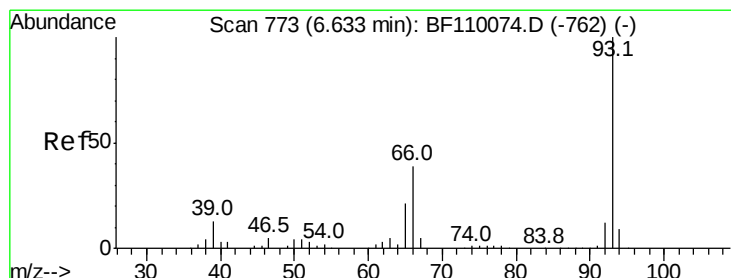
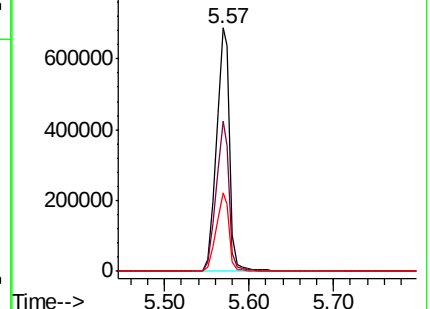
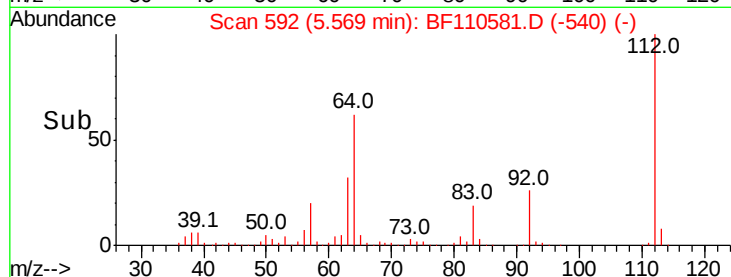
63 32.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 75.833 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

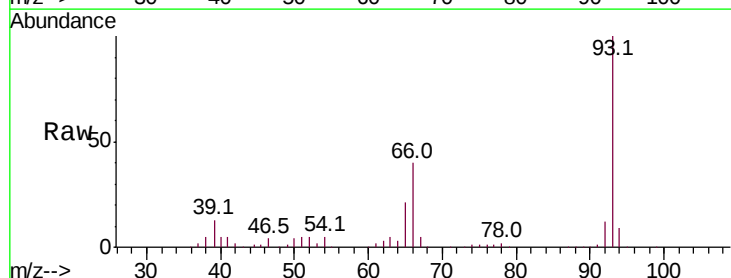
Tgt Ion: 93 Resp: 622795

Ion Ratio Lower Upper

93 100

66 40.0 67.4 101.0#

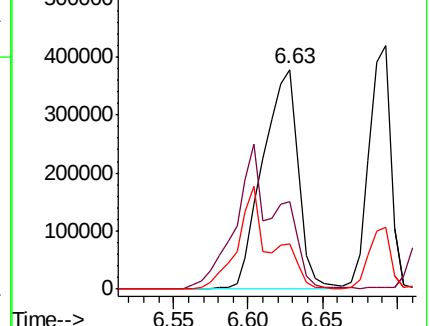
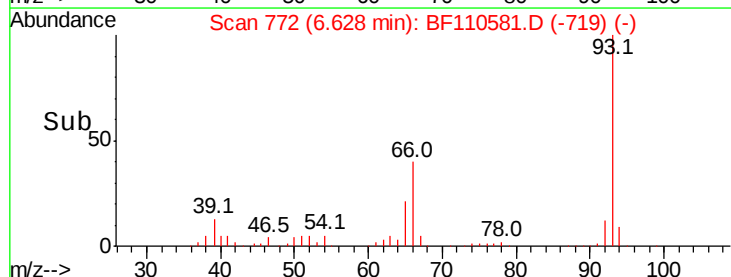
65 20.8 41.0 61.4#

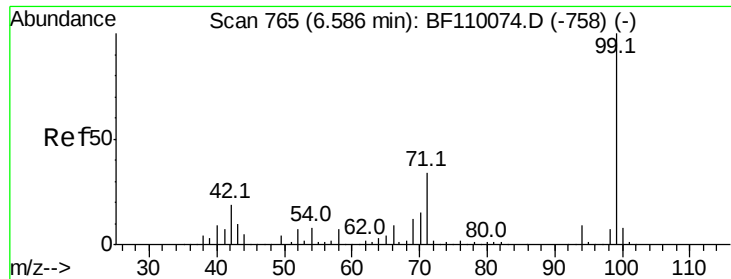


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 153.603 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleId :

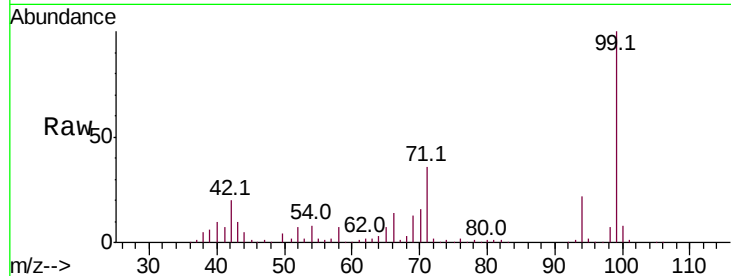
Tot Ion: 99 Resp: 968397

Ion Ratio Lower Upper

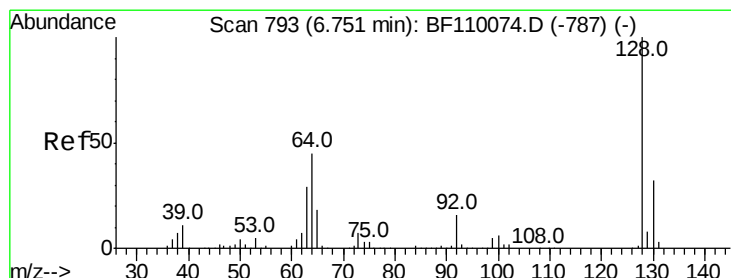
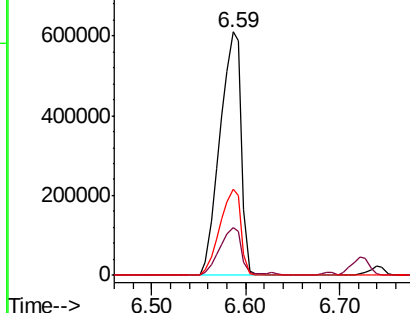
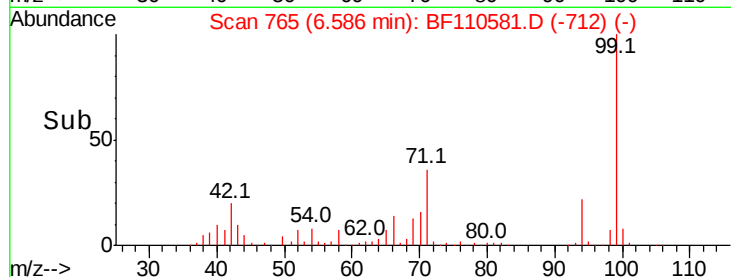
99 100

42 19.8 15.8 23.6

71 35.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 77.693 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

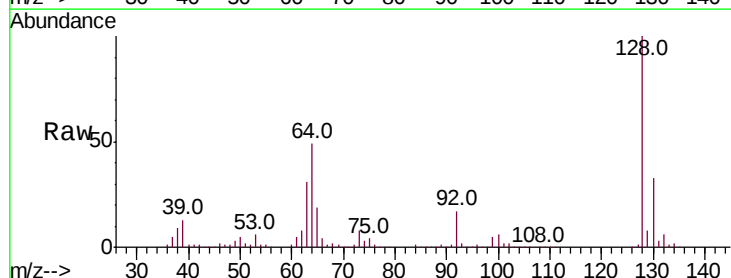
Tgt Ion:128 Resp: 441504

Ion Ratio Lower Upper

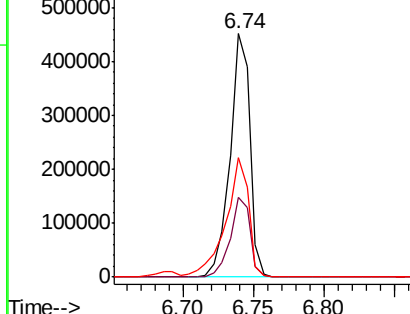
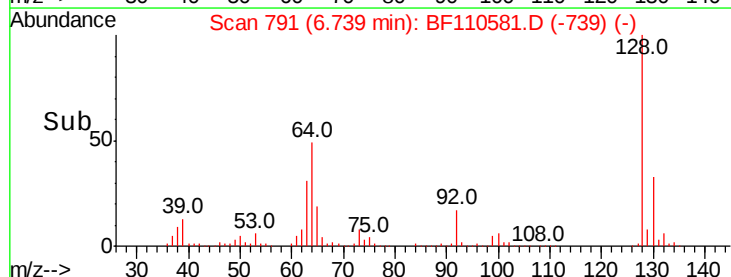
128 100

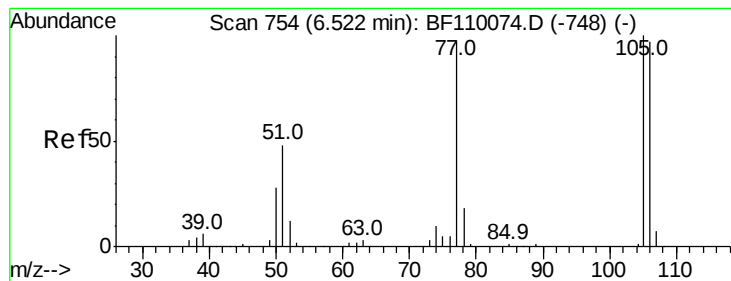
130 32.6 13.1 53.1

64 49.1 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: 54.212 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

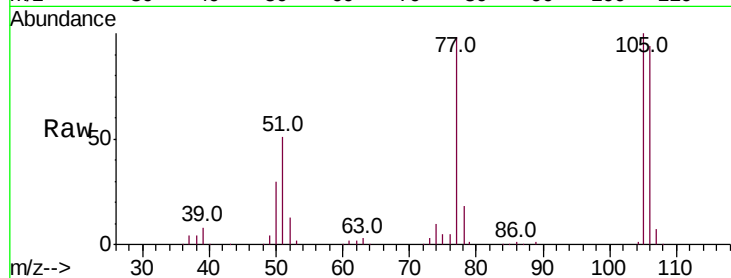
Tot Ion: 77 Resp: 207504

Ion Ratio Lower Upper

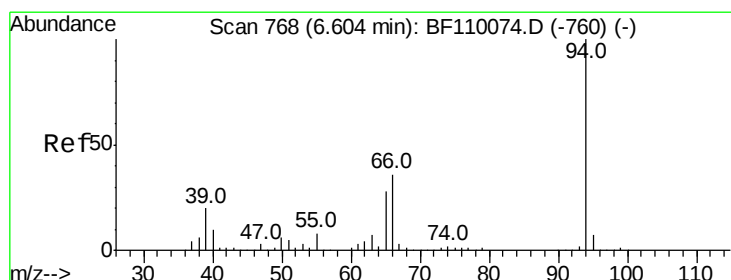
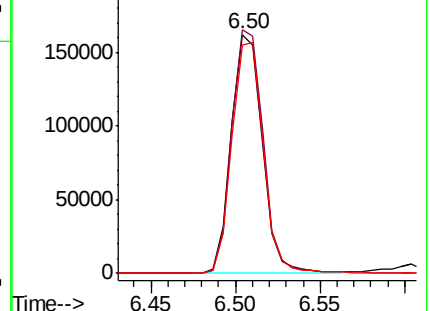
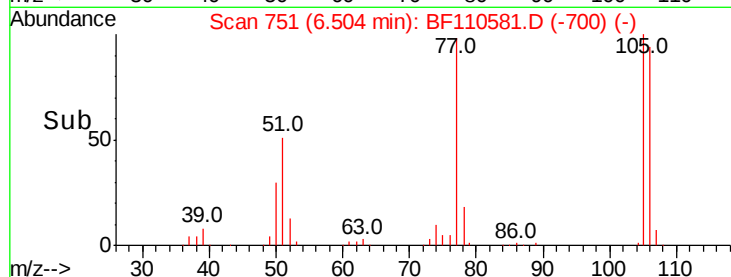
77 100

105 101.9 78.6 118.6

106 95.6 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: 83.578 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.02 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

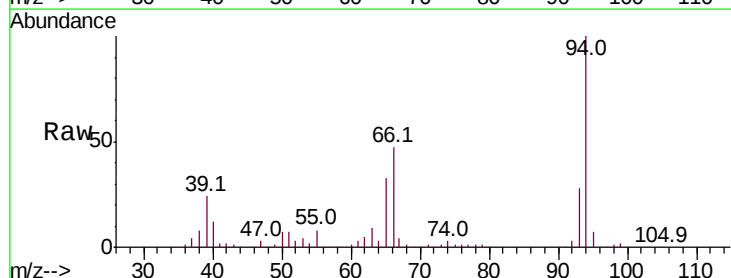
Tgt Ion: 94 Resp: 563240

Ion Ratio Lower Upper

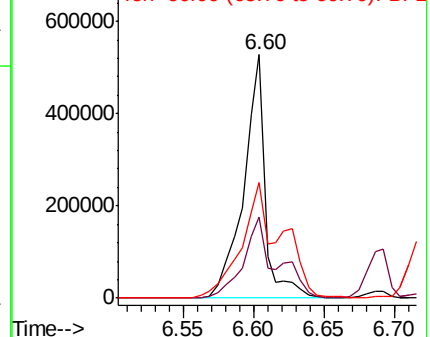
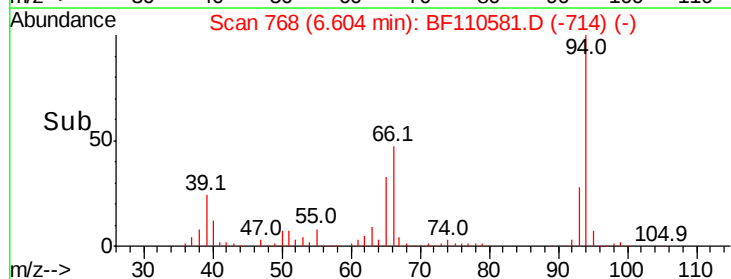
94 100

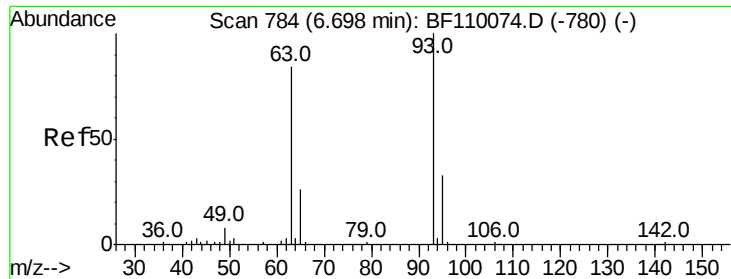
65 33.5 25.3 65.3

66 47.3 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: 77.506 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampled :

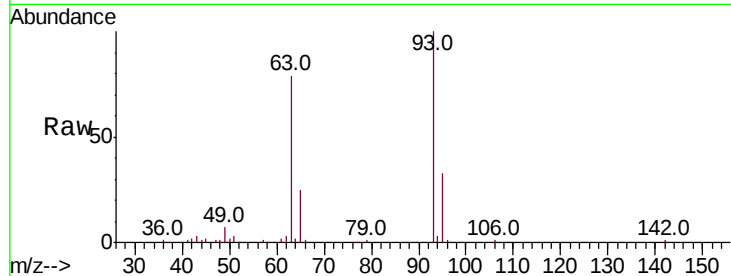
Tot Ion: 93 Resp: 429721

Ion Ratio Lower Upper

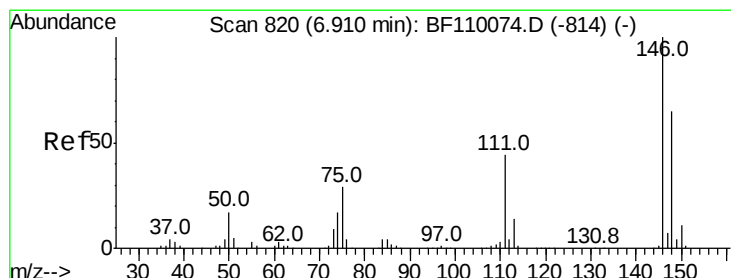
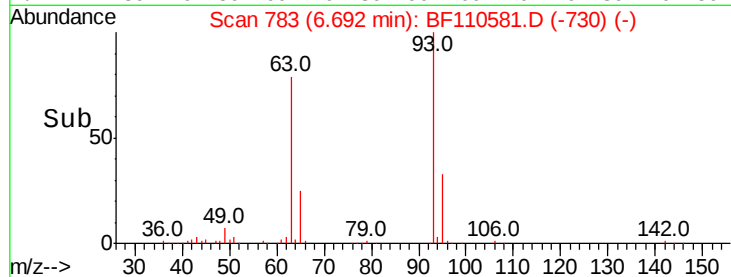
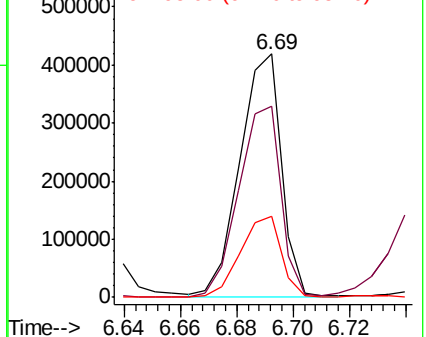
93 100

63 78.5 53.4 93.4

95 33.1 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: 77.640 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

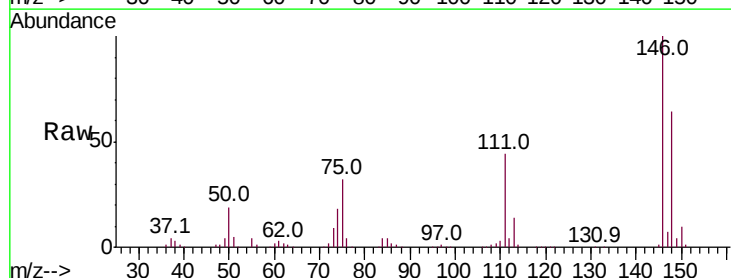
Tgt Ion: 146 Resp: 485540

Ion Ratio Lower Upper

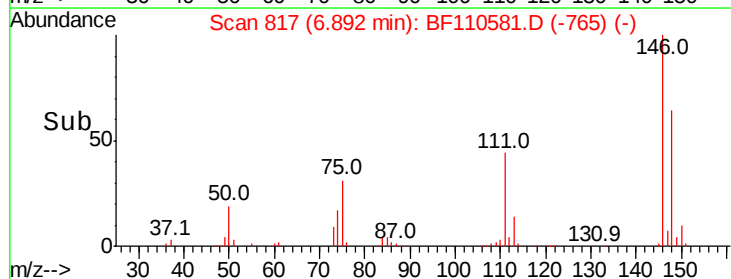
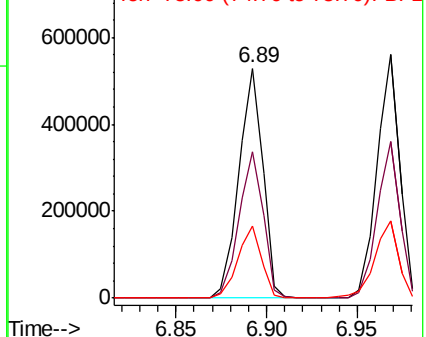
146 100

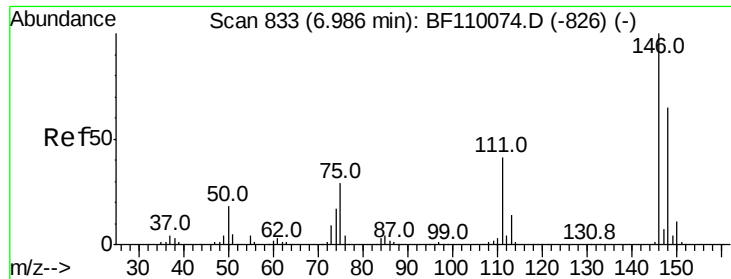
148 63.9 50.4 75.6

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

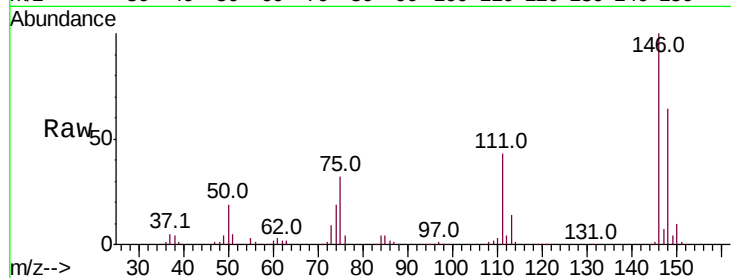




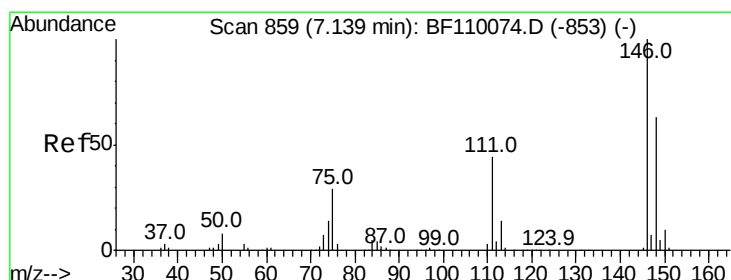
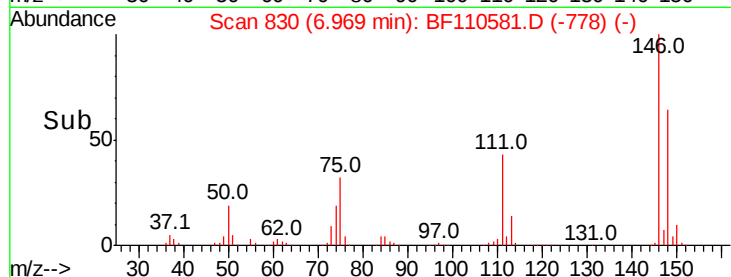
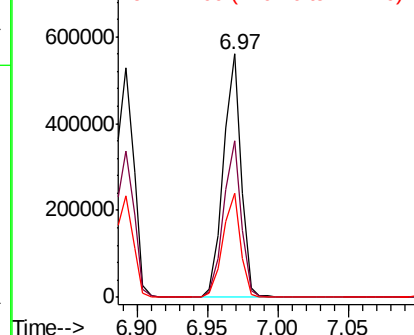
#13
1,4-Dichlorobenzene
Concen: 77.481 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.3	75.5
111	42.7	32.7	49.1

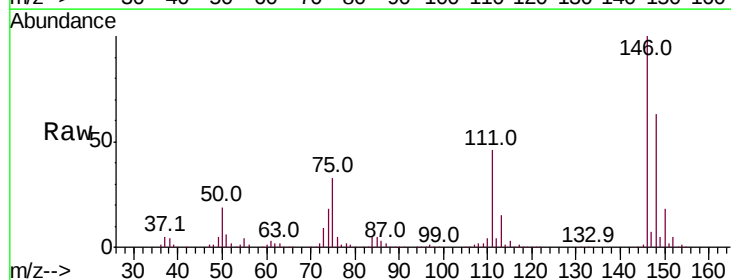


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

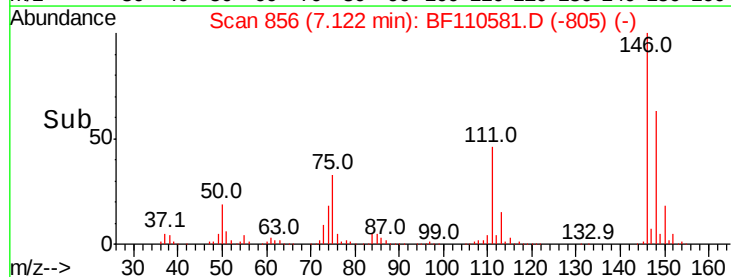
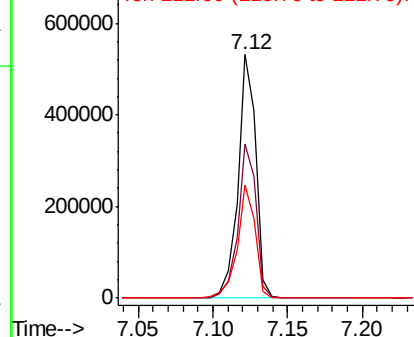


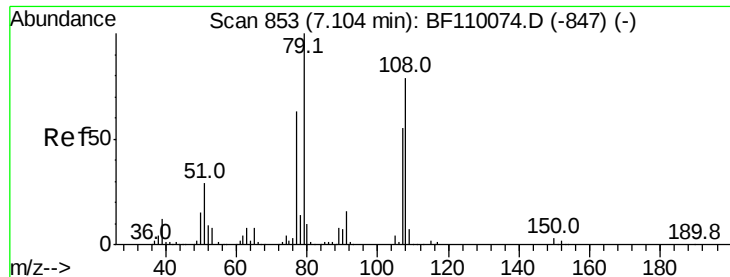
#14
1,2-Dichlorobenzene
Concen: 75.973 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	46.5	35.8	53.6



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





#15

Benzyl Alcohol

Concen: 76.630 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleId :

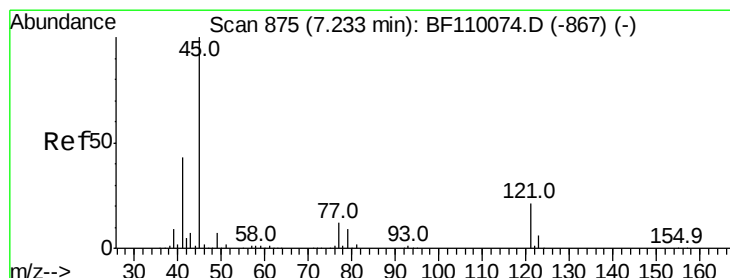
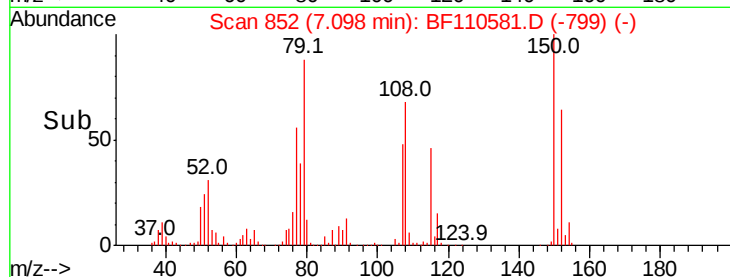
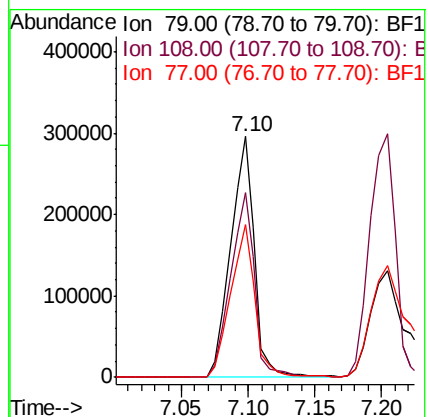
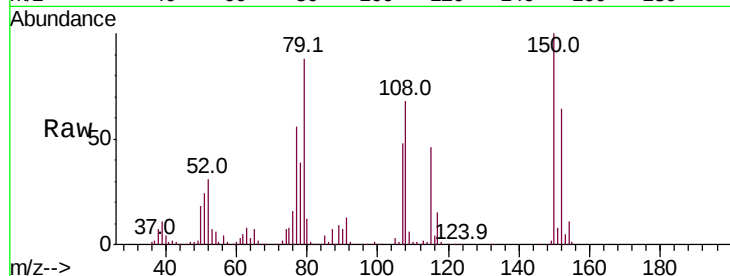
Tot Ion: 79 Resp: 371574

Ion Ratio Lower Upper

79 100

108 76.7 56.3 84.5

77 63.3 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 72.649 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

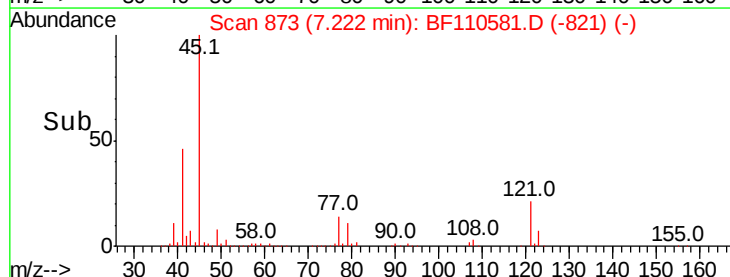
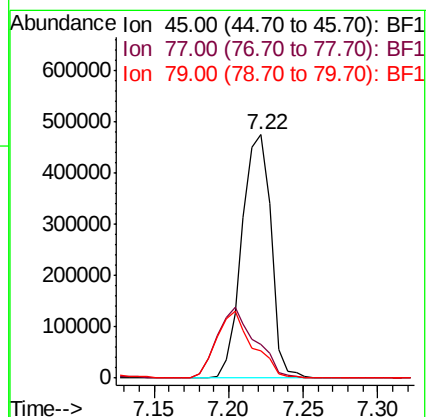
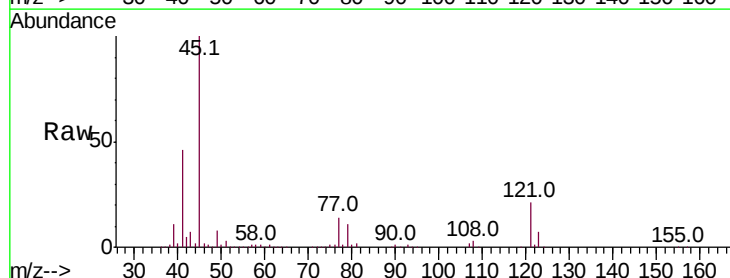
Tgt Ion: 45 Resp: 644023

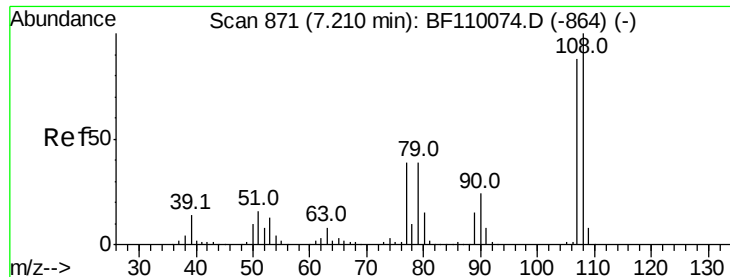
Ion Ratio Lower Upper

45 100

77 13.8 10.0 50.0

79 11.2 6.1 46.1

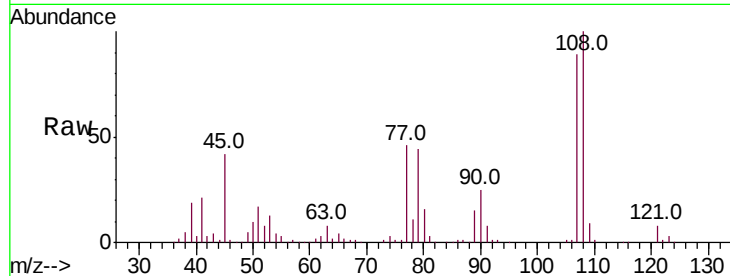




#17
2-Methylphenol
Concen: 77.659 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	92.6	138.8
77	51.5	59.4	89.2#
79	49.1	54.0	81.0#



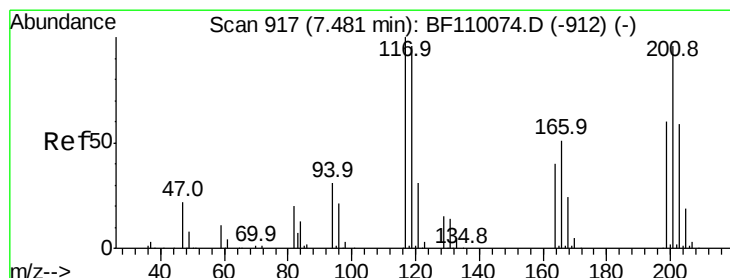
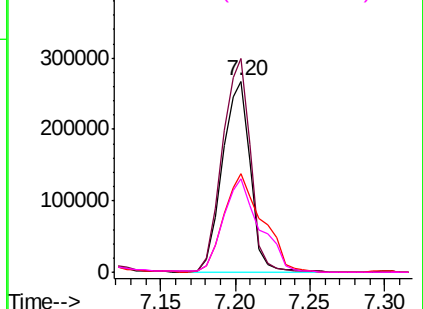
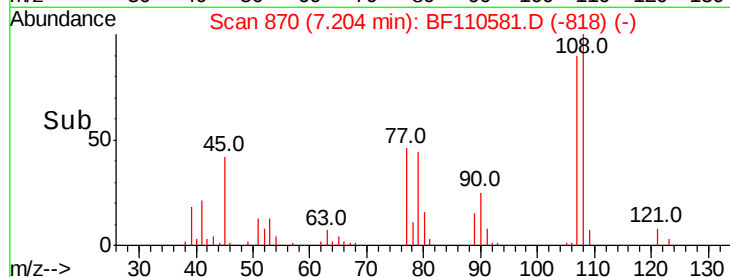
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

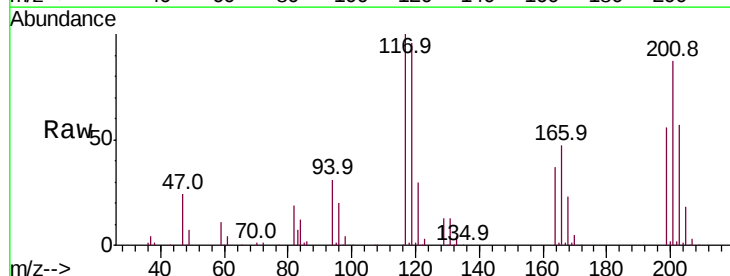
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 79.533 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.0	112.6
201	87.4	79.2	118.8

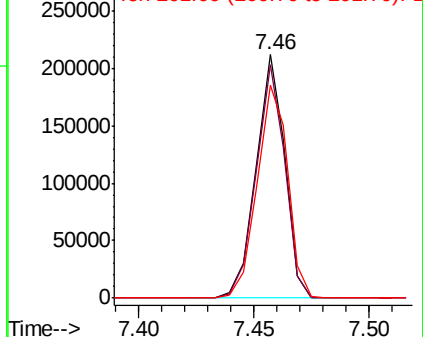
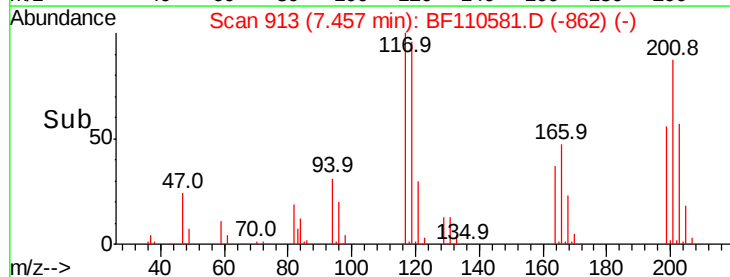


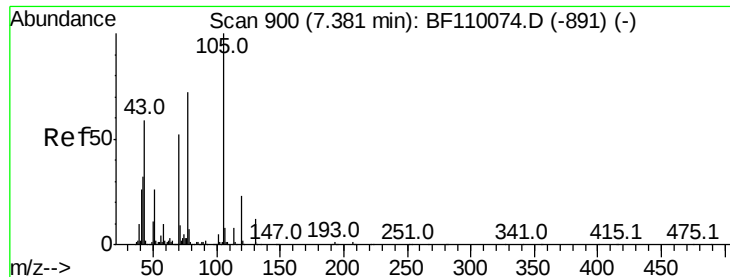
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

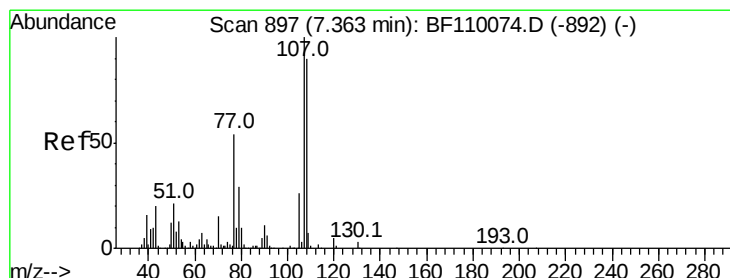
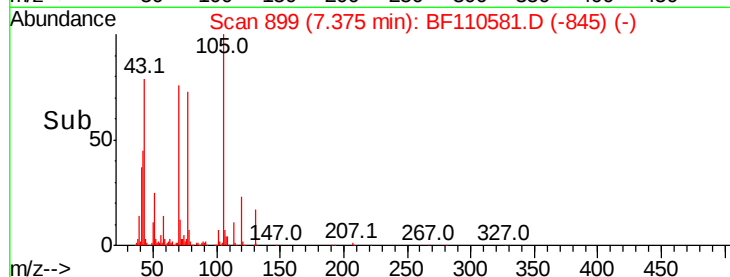
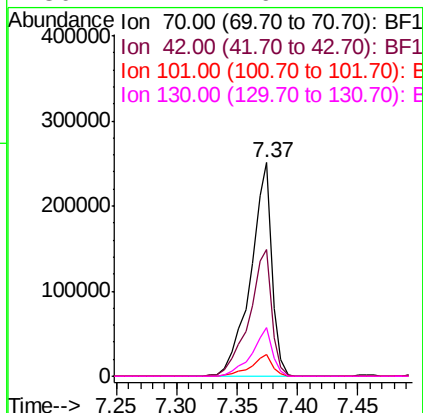
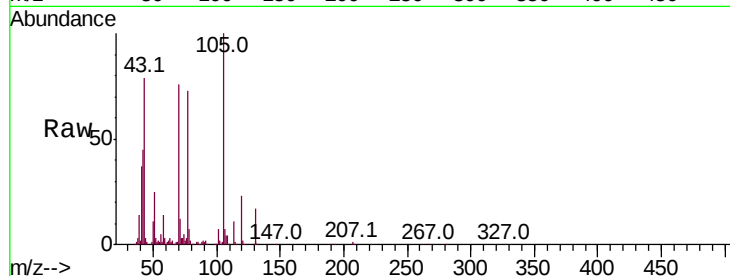




#19
n-Nitroso-di-n-propylamine
Concen: 76.298 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.02 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

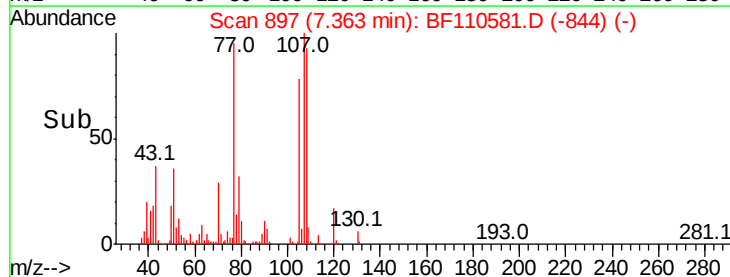
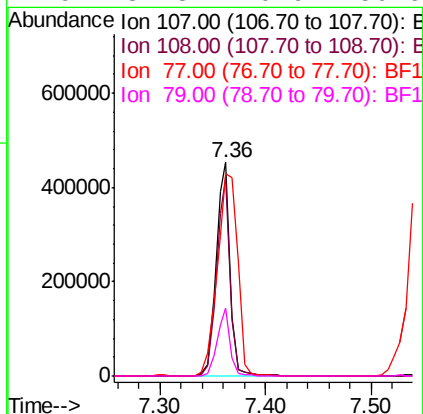
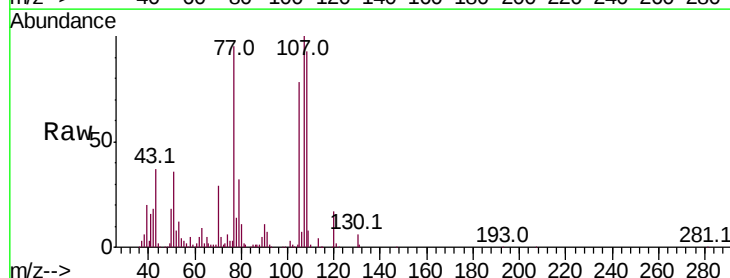
Instrument :
BNA_F
ClientSampleId :

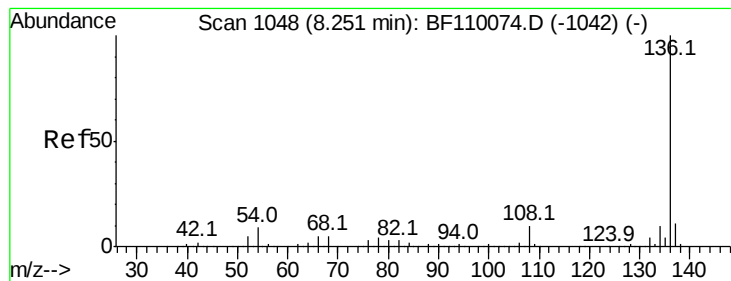
Tot Ion:	70	Resp:	308598
Ion	Ratio	Lower	Upper
70	100		
42	59.3	47.4	71.2
101	9.9	7.3	10.9
130	22.7	16.2	24.2



#20
3+4-Methylphenols
Concen: 73.268 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion:	107	Resp:	428917
Ion	Ratio	Lower	Upper
107	100		
108	92.7	71.4	111.4
77	94.9	47.3	87.3#
79	31.8	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 336836

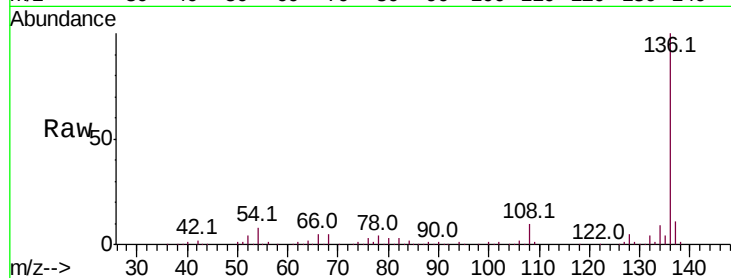
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.6 5.4 8.2

68 4.7 4.2 6.2

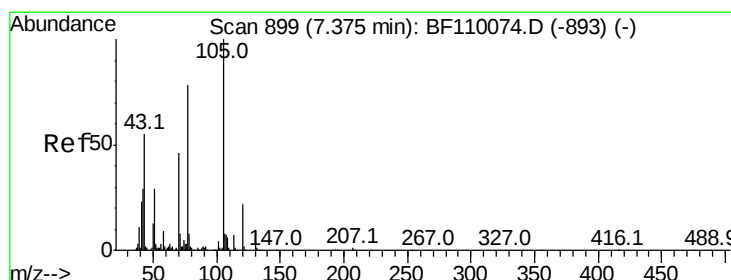
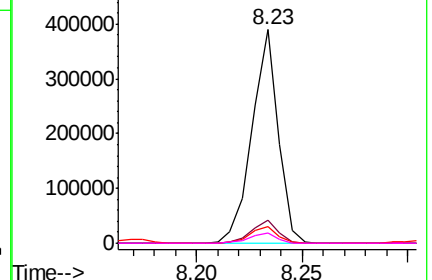
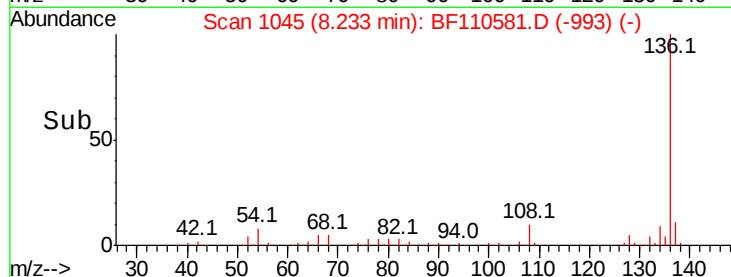


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.415 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Tgt Ion:105 Resp: 585331

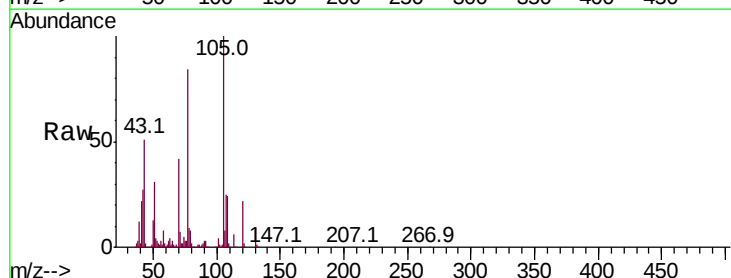
Ion Ratio Lower Upper

105 100

71 7.2 5.2 7.8

51 30.7 21.8 32.8

120 21.9 17.0 25.4

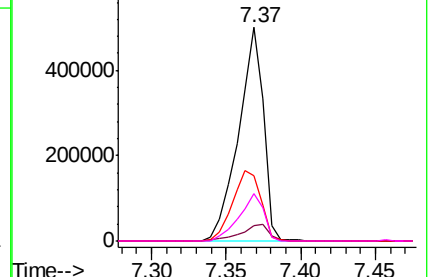
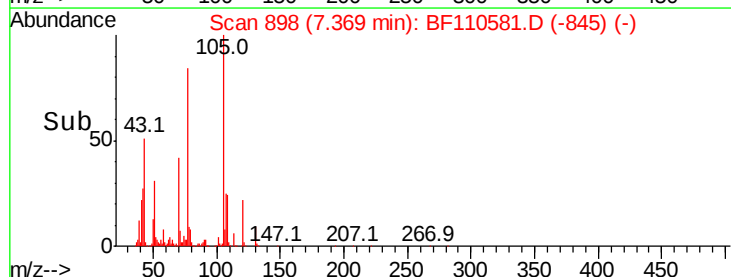


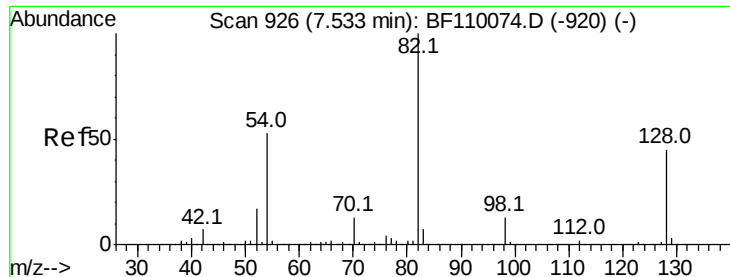
Abundance Ion 105.00 (104.70 to 105.70): E

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

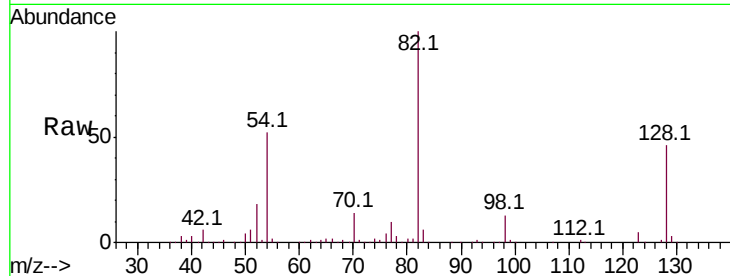




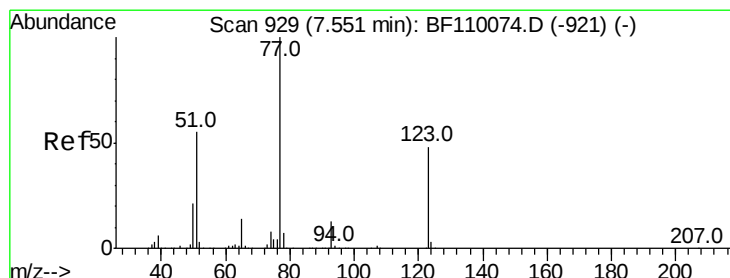
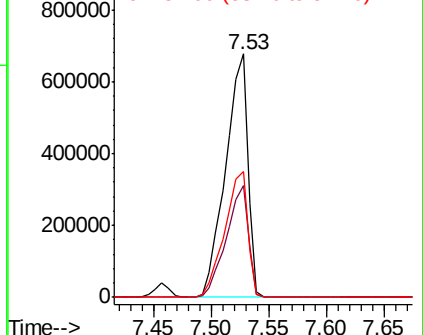
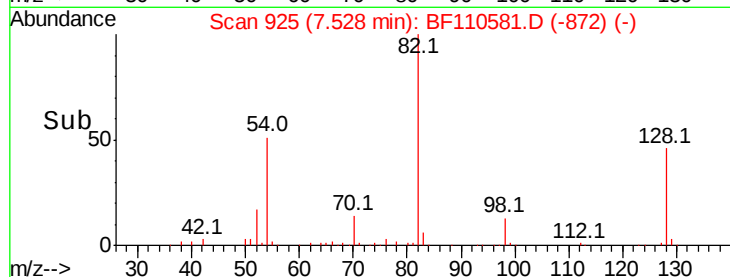
#23
 Nitrobenzene-d5
 Concen: 159.925 ng
 RT: 7.53 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	908207
Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.2	51.2
54	51.7	38.6	58.0

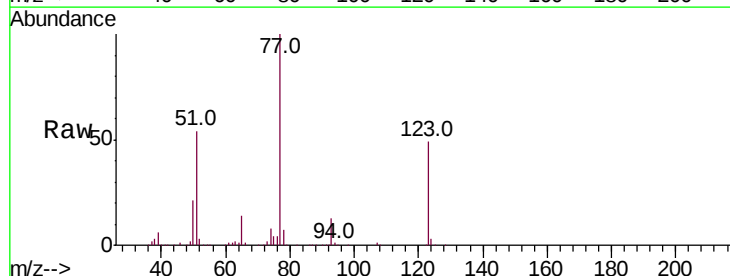


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

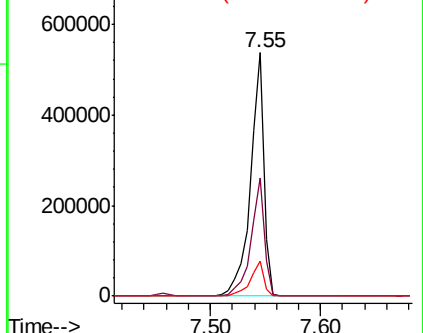
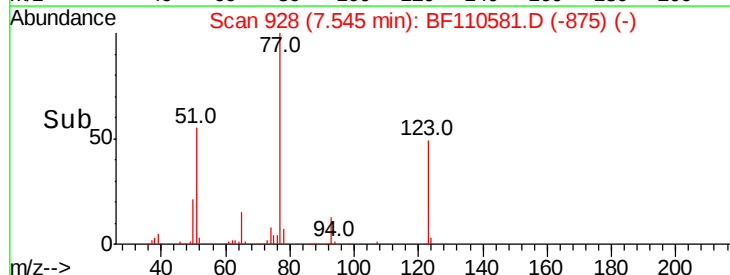


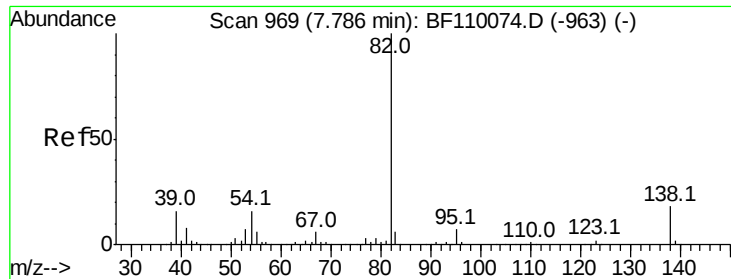
#24
 Nitrobenzene
 Concen: 78.884 ng
 RT: 7.55 min Scan# 928
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion	77	Resp	462503
Ion	Ratio	Lower	Upper
77	100		
123	48.7	35.7	53.5
65	14.4	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

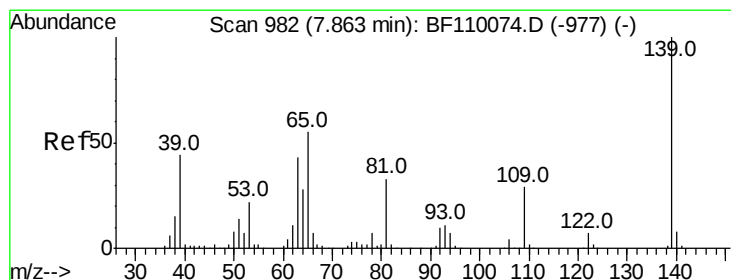
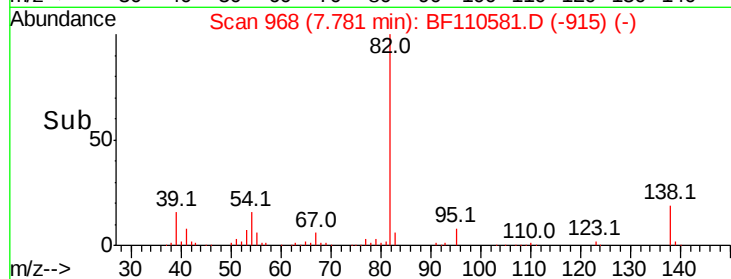
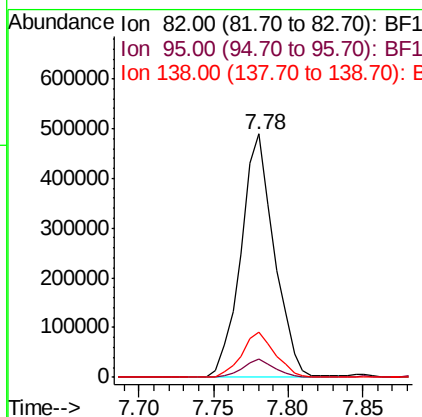
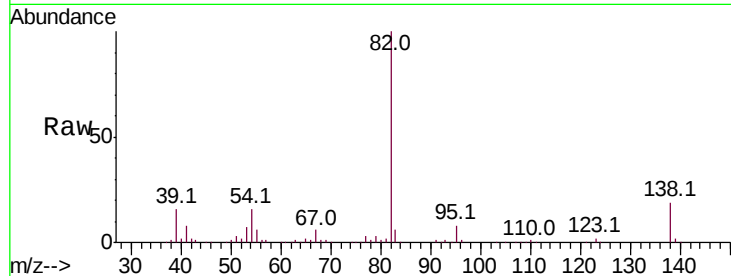




#25
Isophorone
Concen: 78.180 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

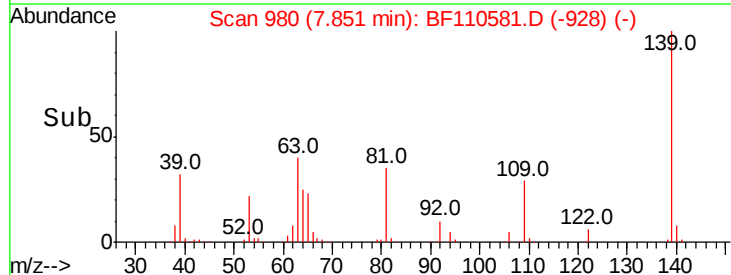
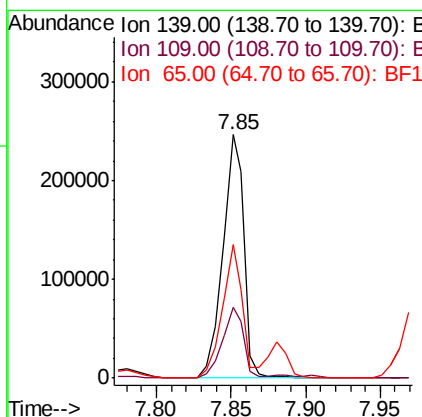
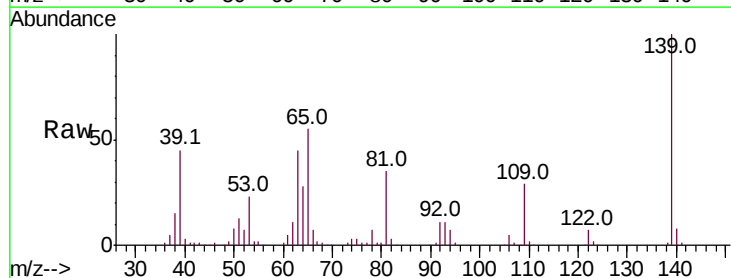
Instrument :
BNA_F
ClientSampleId :

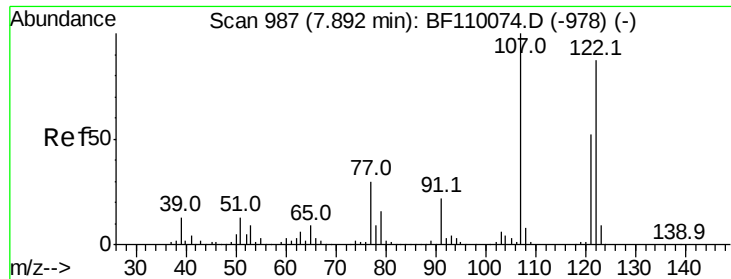
Tot Ion: 82 Resp: 756812
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 18.6 13.2 19.8



#26
2-Nitrophenol
Concen: 88.297 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion: 139 Resp: 246352
Ion Ratio Lower Upper
139 100
109 29.3 25.0 37.6
65 54.9 44.0 66.0

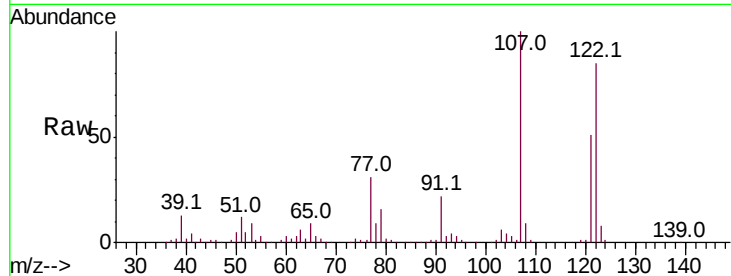




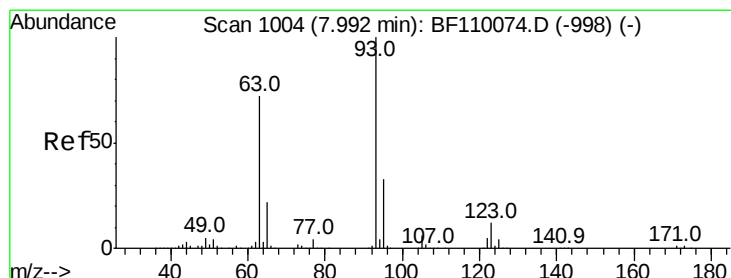
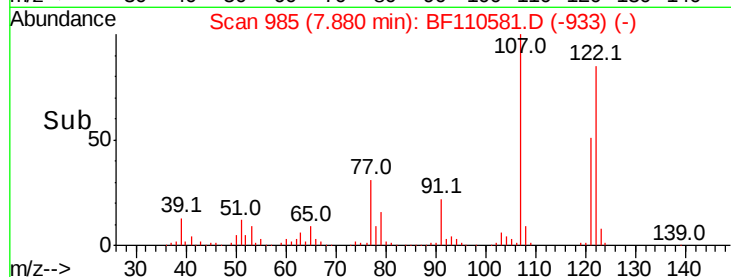
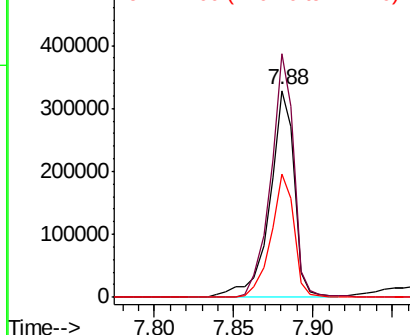
#27
2,4-Dimethylphenol
Concen: 76.843 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 355455
Ion Ratio Lower Upper
122 100
107 117.6 92.5 138.7
121 59.5 45.8 68.8

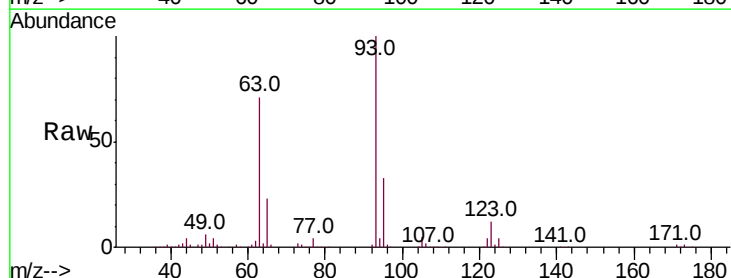


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

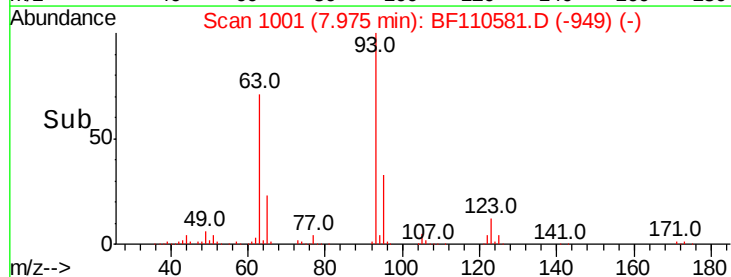
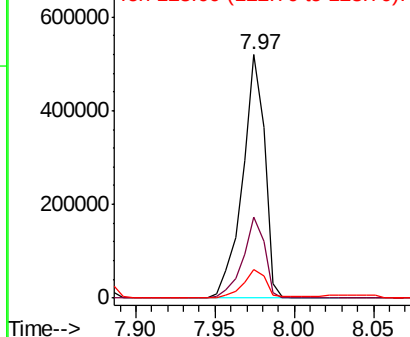


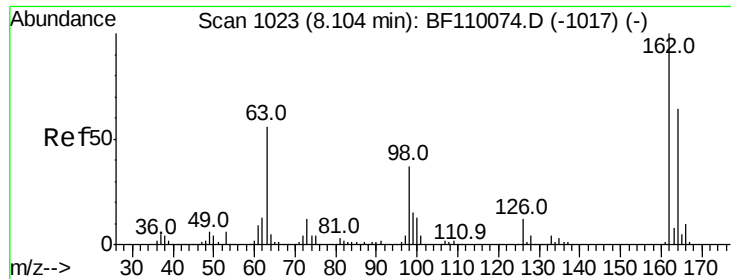
#28
bis(2-Chloroethoxy)methane
Concen: 76.013 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion: 93 Resp: 499877
Ion Ratio Lower Upper
93 100
95 33.1 26.4 39.6
123 11.6 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

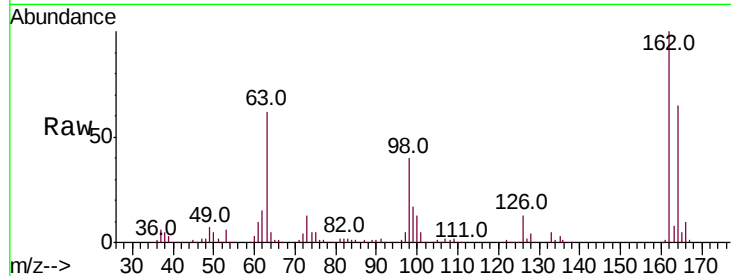




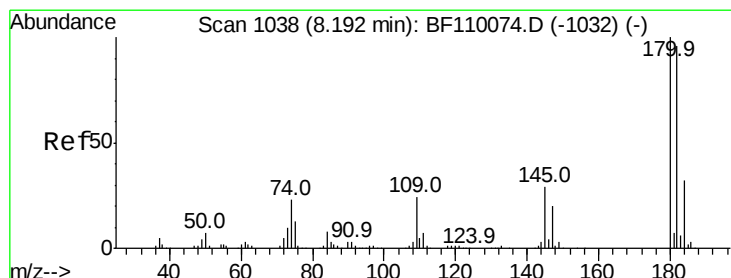
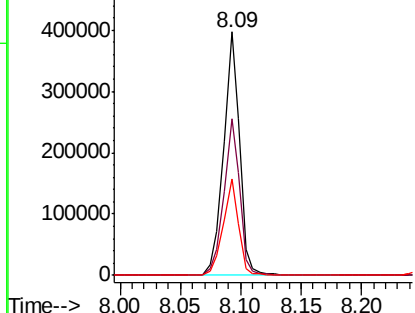
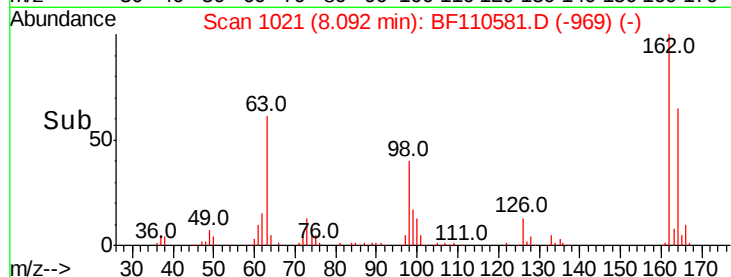
#29
2,4-Dichlorophenol
Concen: 77.746 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	39.7	17.4	57.4

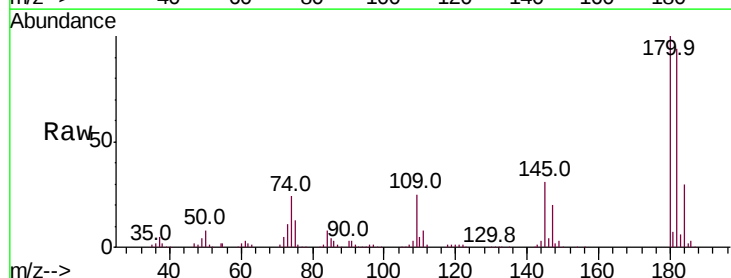


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

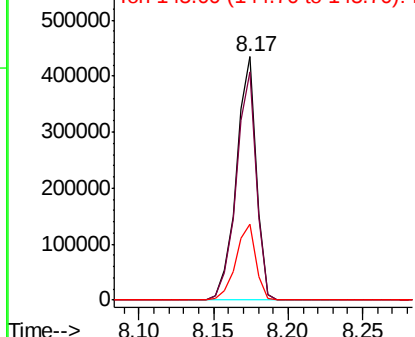
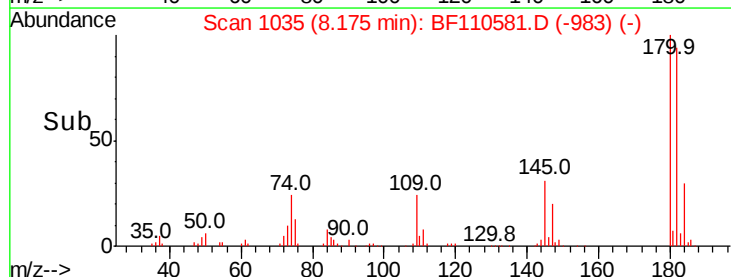


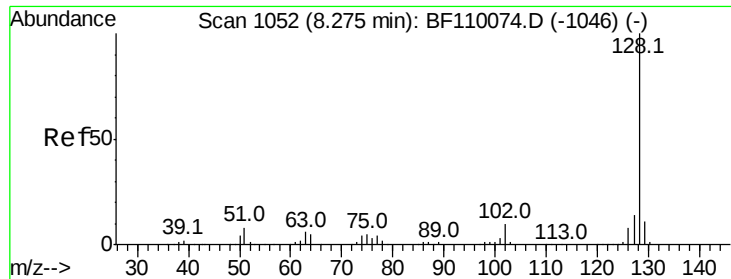
#30
1,2,4-Trichlorobenzene
Concen: 77.947 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	80.3	120.5
145	31.1	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: 76.493 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleId :

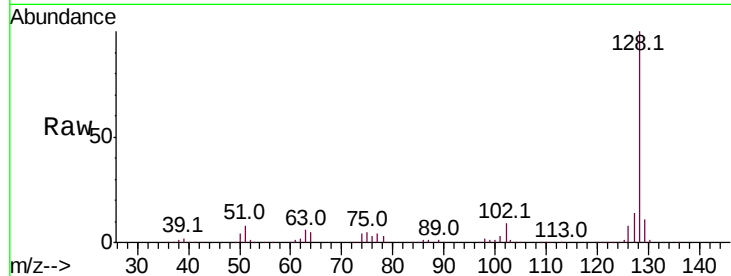
Tot Ion:128 Resp: 1187506

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

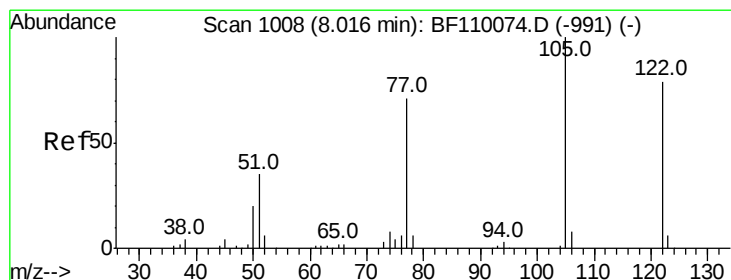
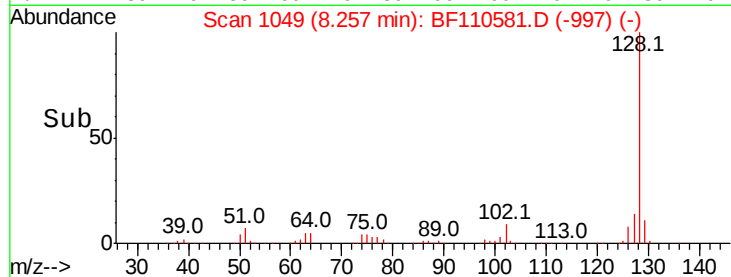
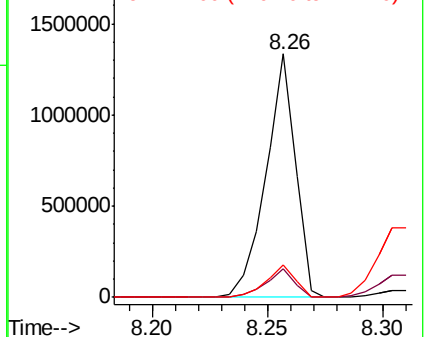
127 13.6 10.8 16.2



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: 80.449 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.04 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

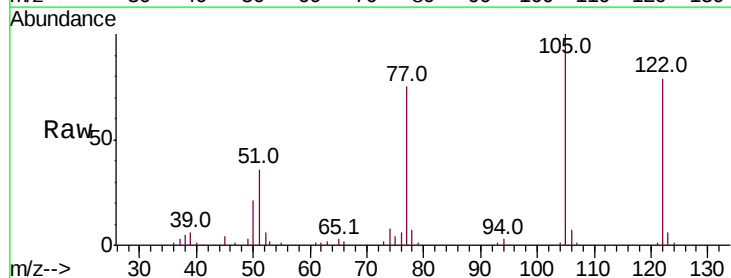
Tgt Ion:122 Resp: 287619

Ion Ratio Lower Upper

122 100

105 126.7 109.0 149.0

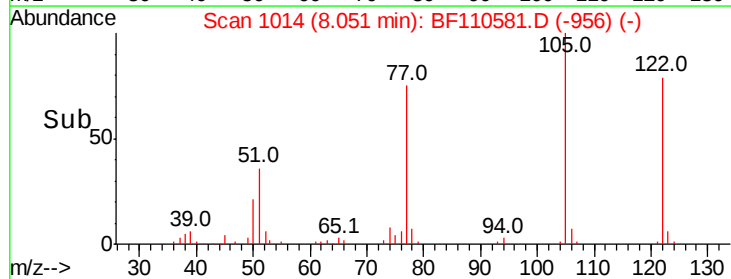
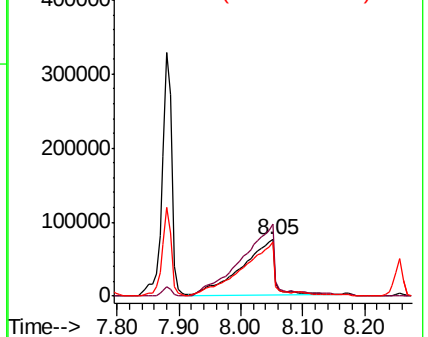
77 94.7 79.0 119.0

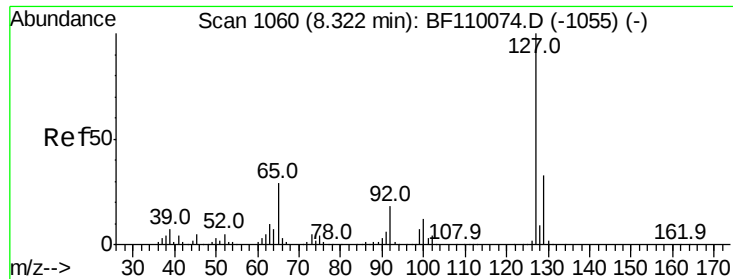


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

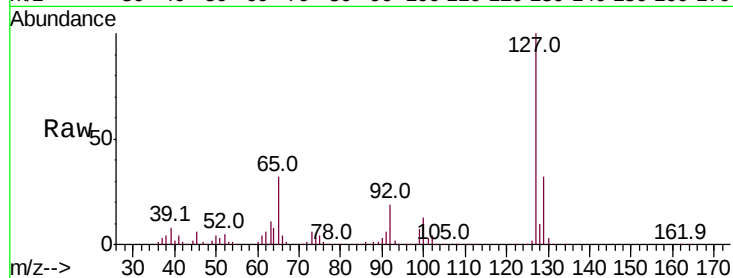




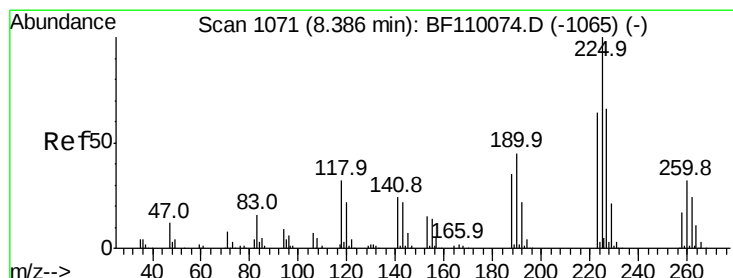
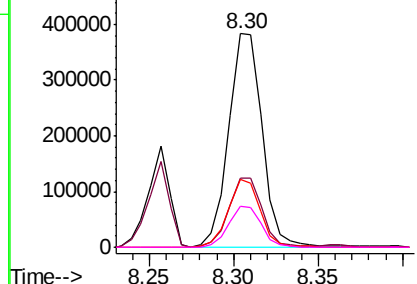
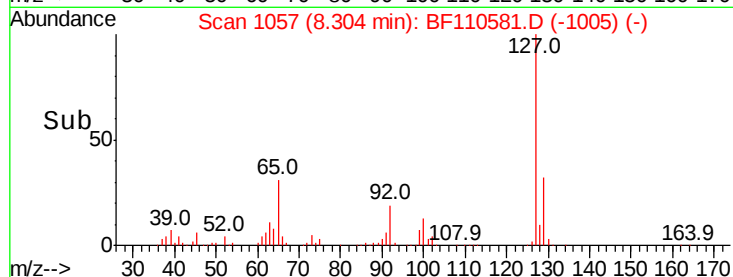
#33
4-Chloroaniline
Concen: 75.285 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	526003
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	31.6	25.1	37.7
92	19.1	15.0	22.6

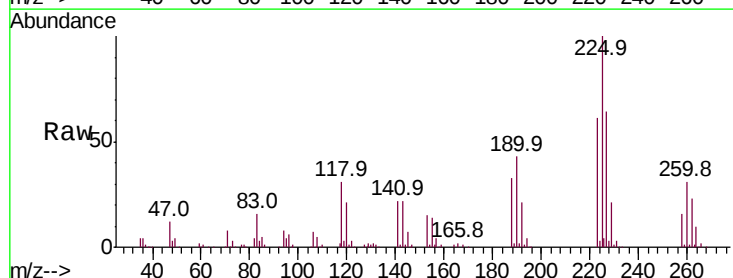


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

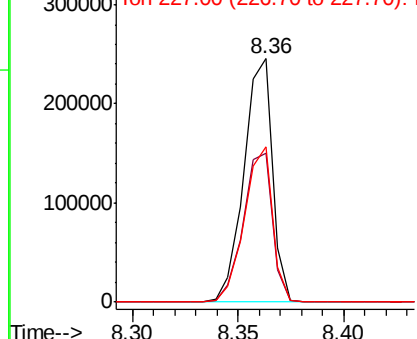
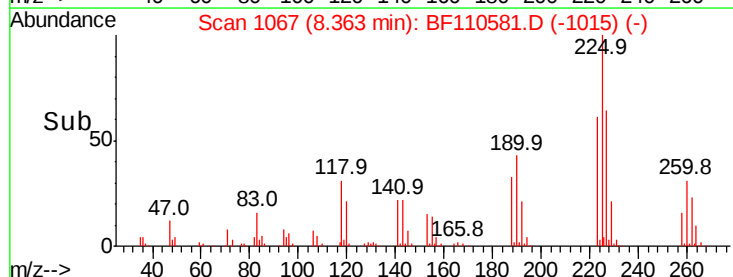


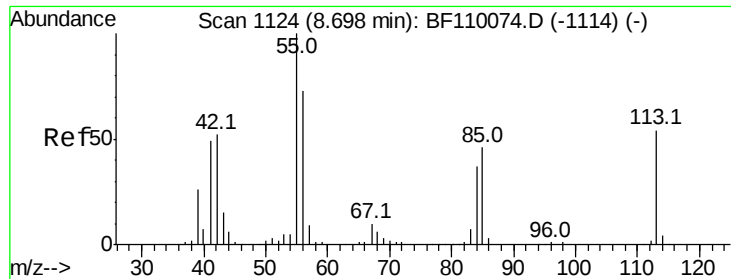
#34
Hexachlorobutadiene
Concen: 79.238 ng
RT: 8.36 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion:	225	Resp:	230308
Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.4	77.2
227	63.8	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

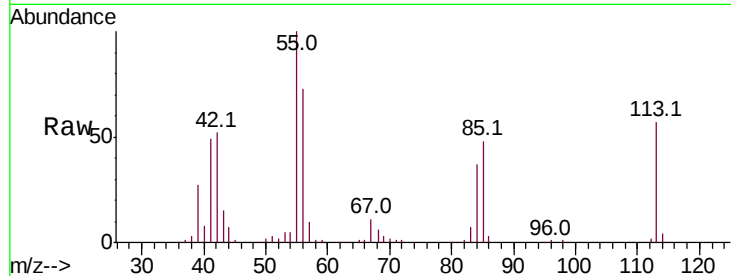




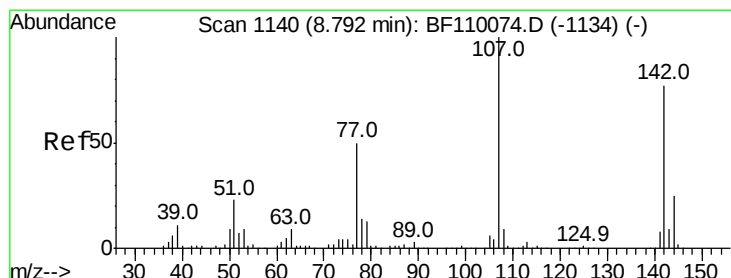
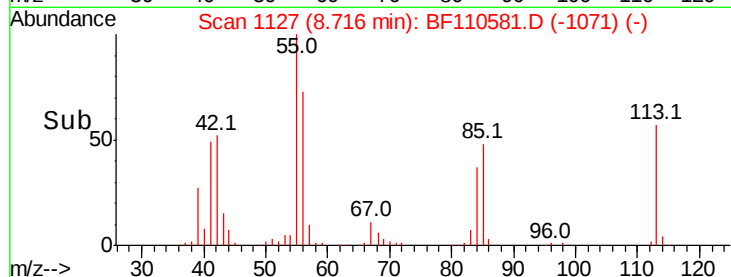
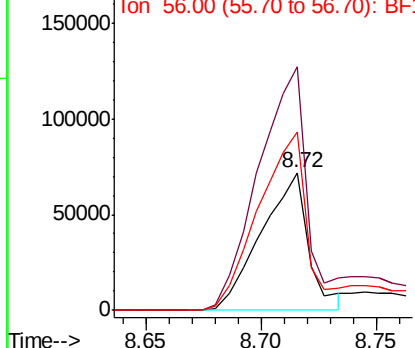
#35
 Caprolactam
 Concen: 62.371 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.03 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 101594
 Ion Ratio Lower Upper
 113 100
 55 176.6 142.8 182.8
 56 129.8 105.0 145.0

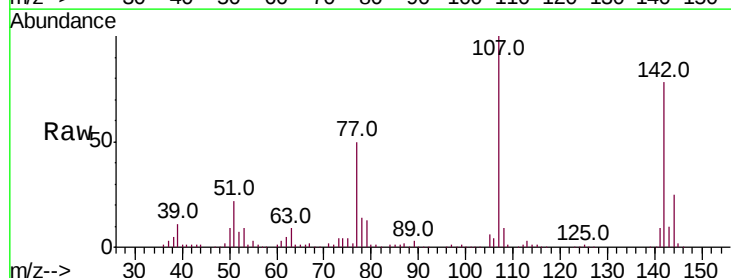


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

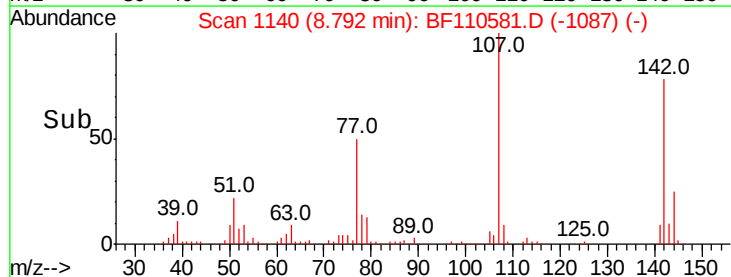
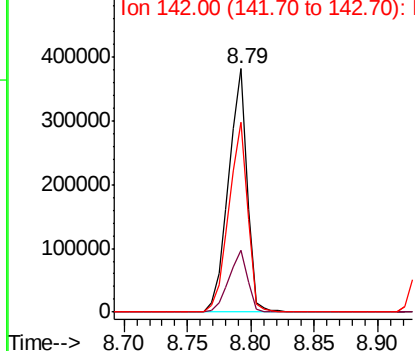


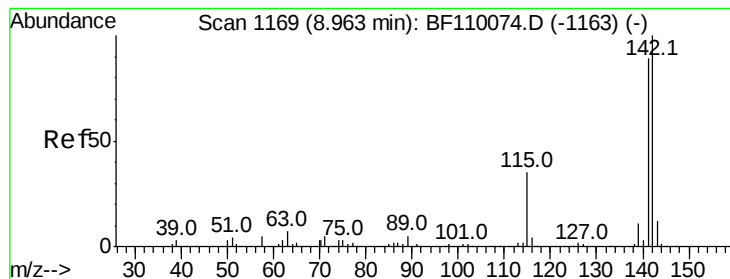
#36
 4-Chloro-3-methylphenol
 Concen: 76.854 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion:107 Resp: 388389
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.0 30.0
 142 78.1 59.7 89.5



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

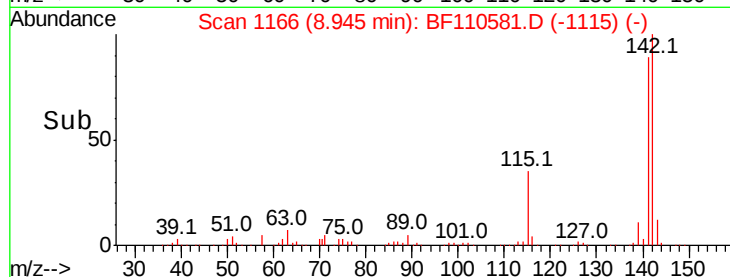
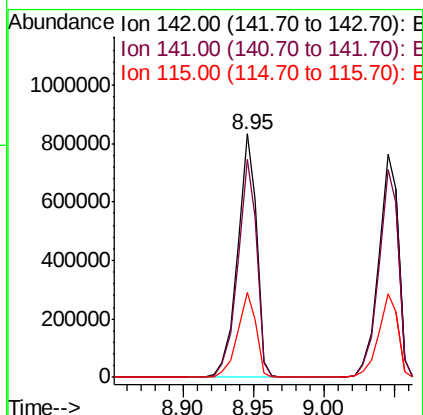
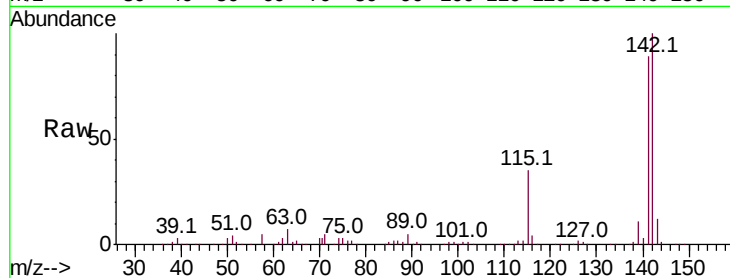




#37
 2-Methylnaphthalene
 Concen: 75.327 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

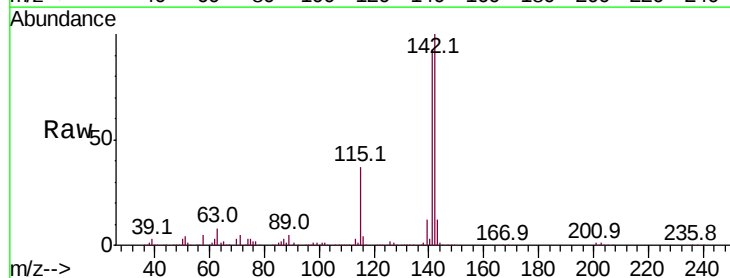
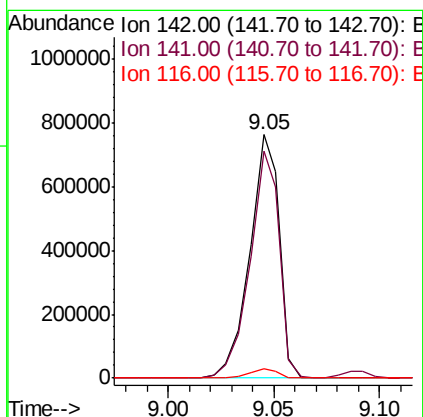
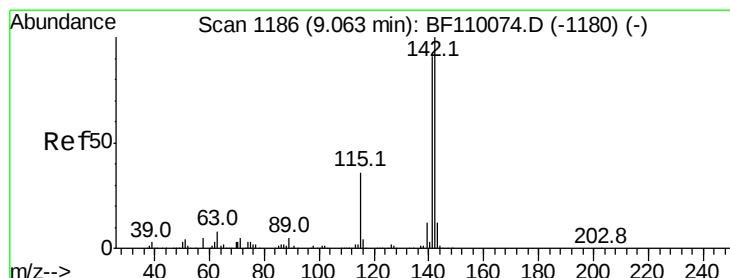
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 773714
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.4 107.2
 115 35.0 28.7 43.1



#38
 1-Methylnaphthalene
 Concen: 74.675 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion:142 Resp: 741222
 Ion Ratio Lower Upper
 142 100
 141 93.2 74.2 111.4
 116 3.8 2.6 4.0

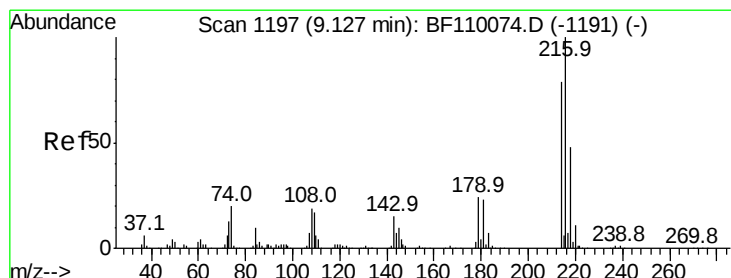
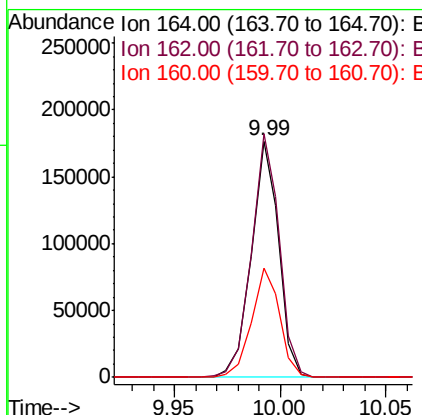
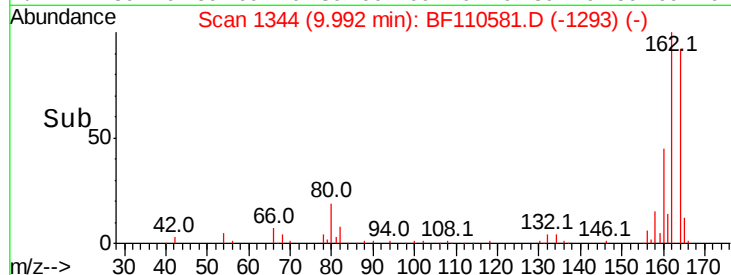
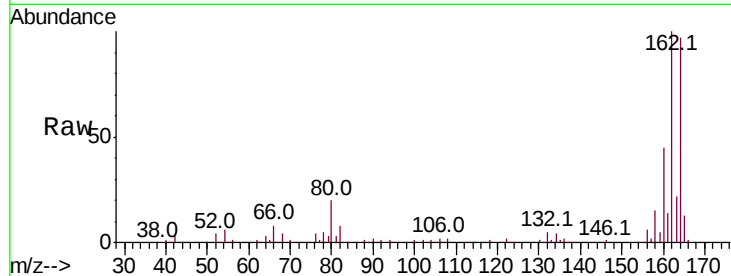




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

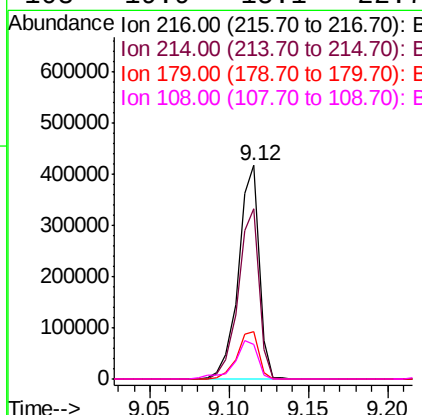
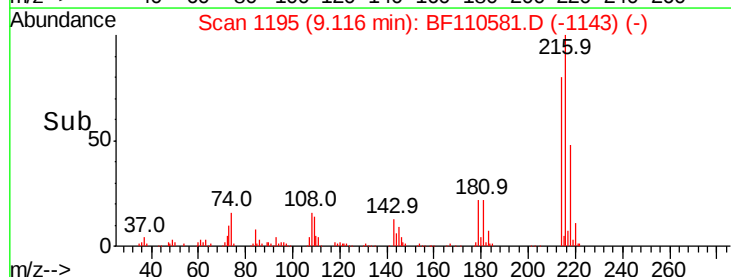
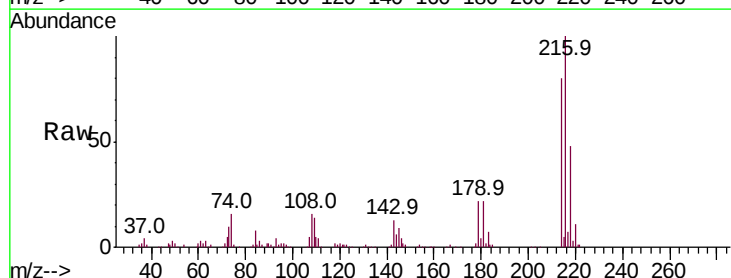
Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 158737
Ion Ratio Lower Upper
164 100
162 103.0 83.0 124.6
160 46.0 37.0 55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 76.443 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion:216 Resp: 378079
Ion Ratio Lower Upper
216 100
214 80.2 63.8 95.6
179 23.1 16.6 25.0
108 19.9 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 62.609 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleId :

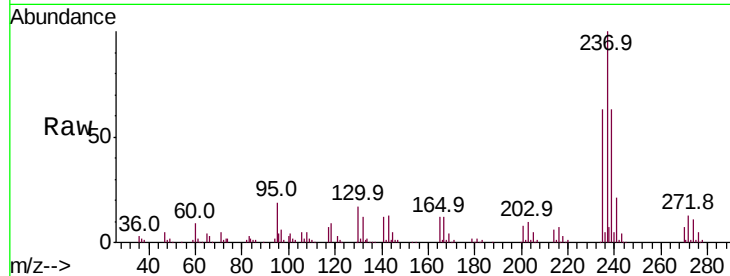
Tot Ion:237 Resp: 158340

Ion Ratio Lower Upper

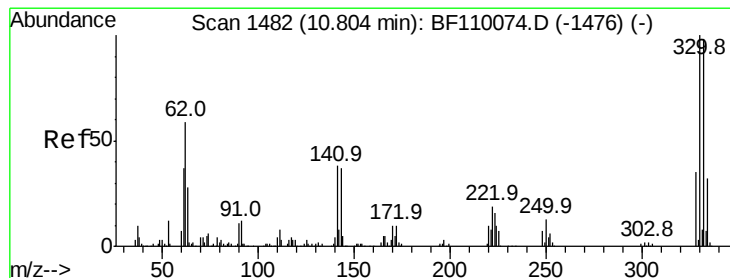
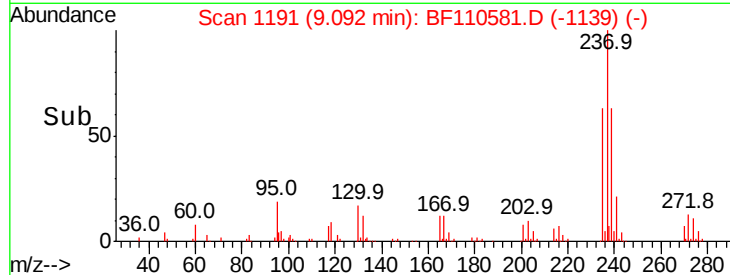
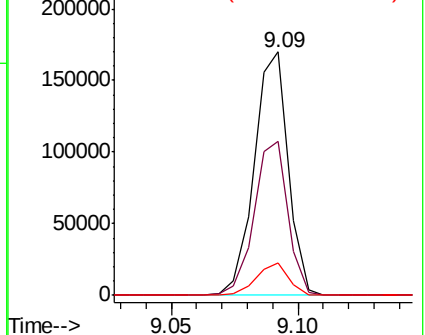
237 100

235 63.3 43.1 83.1

272 13.1 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 149.761 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

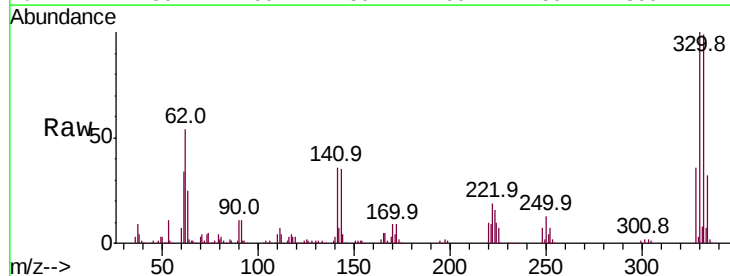
Tgt Ion:330 Resp: 235484

Ion Ratio Lower Upper

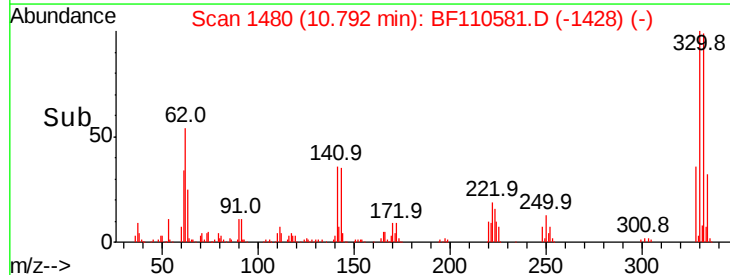
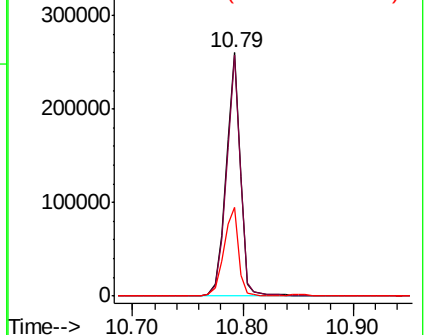
330 100

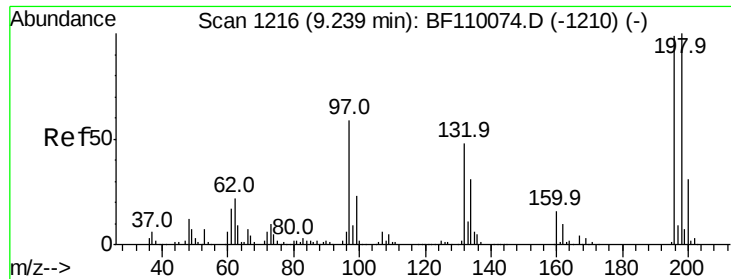
332 97.7 77.1 115.7

141 37.4 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

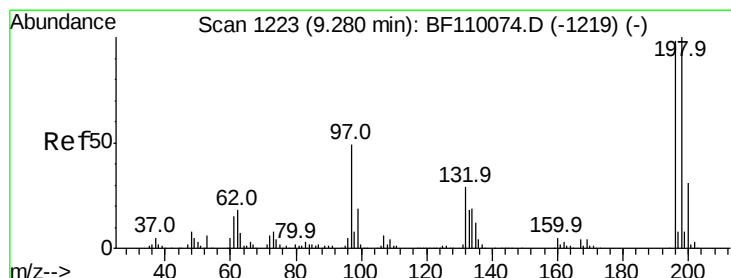
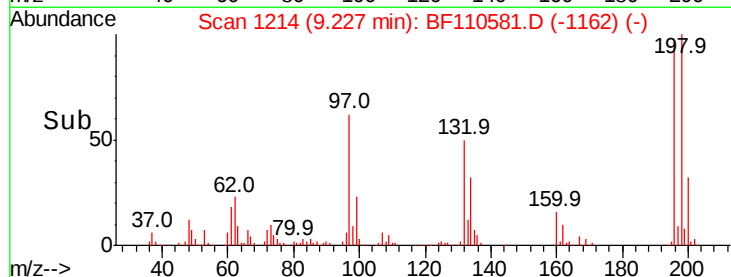
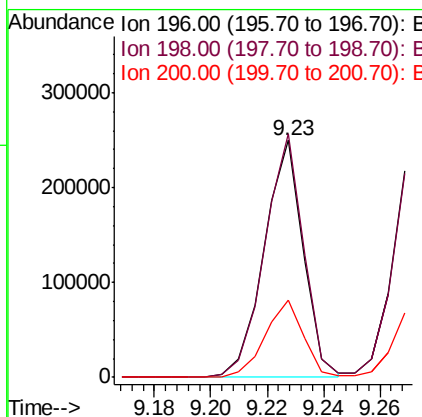
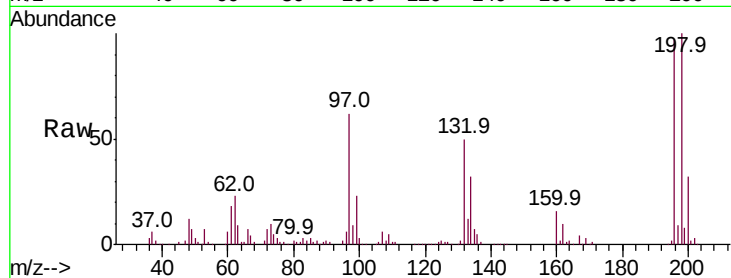




#43
 2,4,6-Trichlorophenol
 Concen: 75.248 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

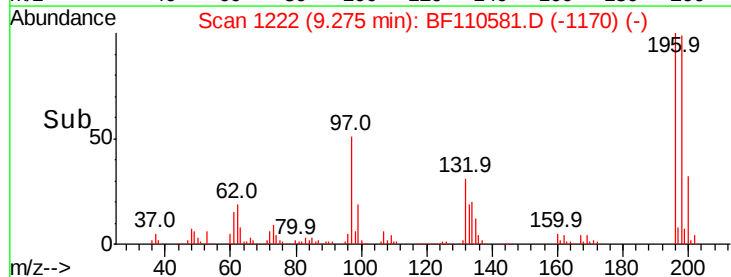
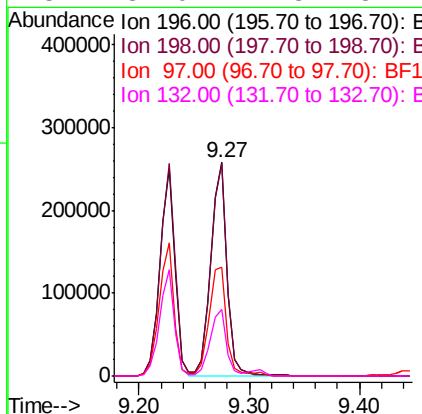
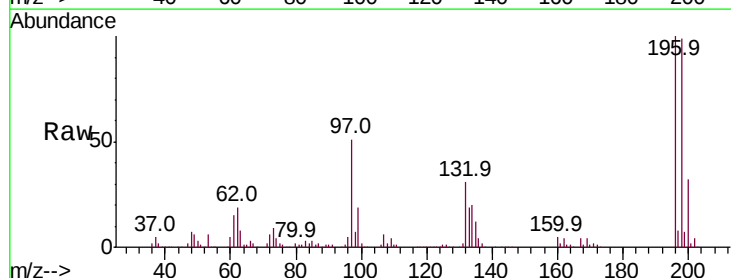
Instrument :
 BNA_F
 ClientSampleId :

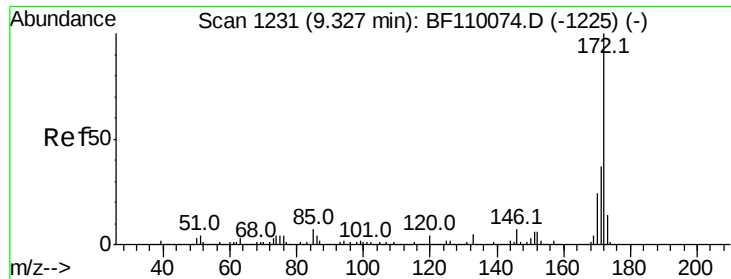
Tot Ion:196 Resp: 240047
 Ion Ratio Lower Upper
 196 100
 198 102.7 76.2 114.4
 200 32.6 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 76.167 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion:196 Resp: 256836
 Ion Ratio Lower Upper
 196 100
 198 99.4 75.8 113.6
 97 51.1 42.4 63.6
 132 31.0 22.8 34.2



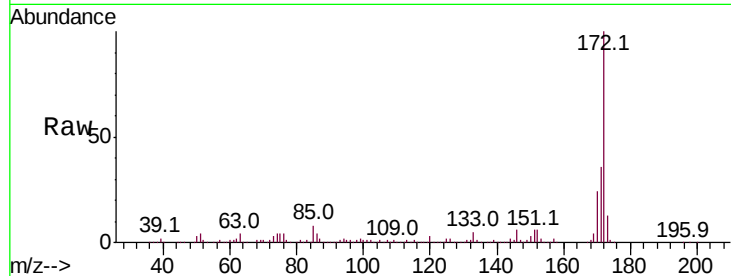


#45
 2-Fluorobiphenyl
 Concen: 154.212 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

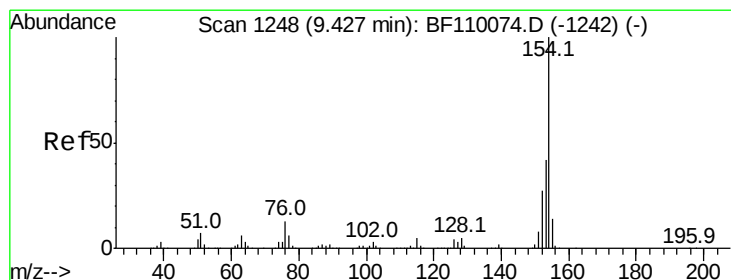
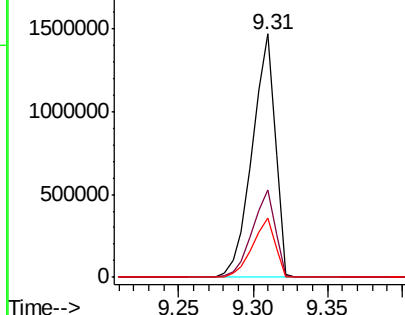
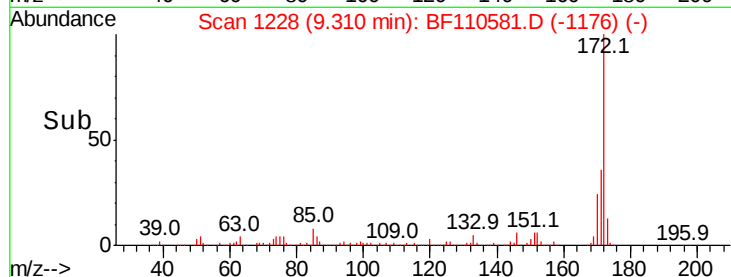
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1558920

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.4	19.7	29.5



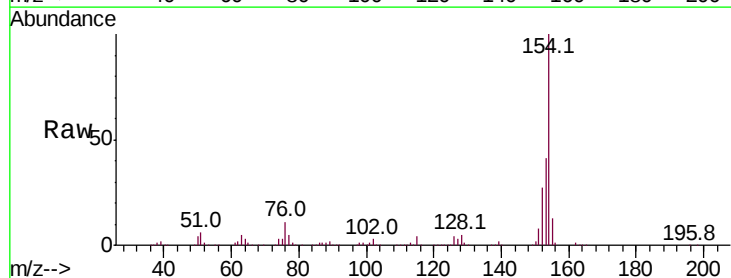
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



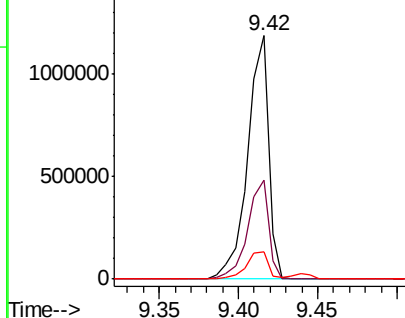
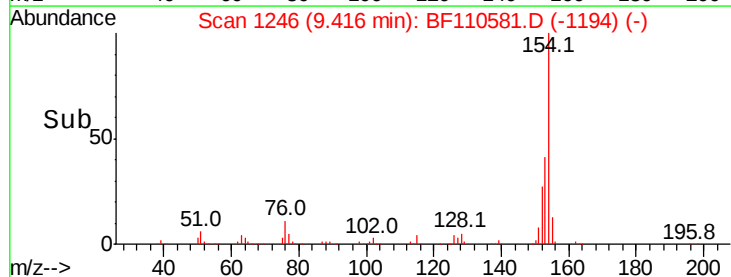
#46
 1,1'-Biphenyl
 Concen: 75.342 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

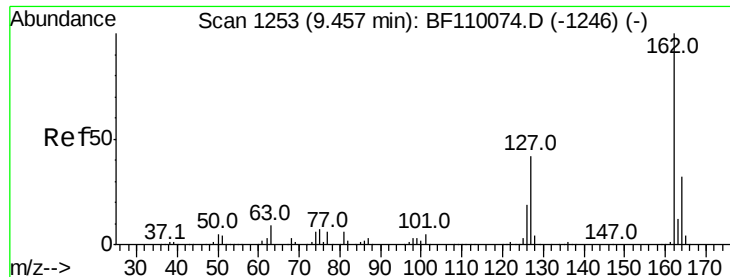
Tgt Ion:154 Resp: 1081490

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.4	60.4
76	11.2	0.0	31.9



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

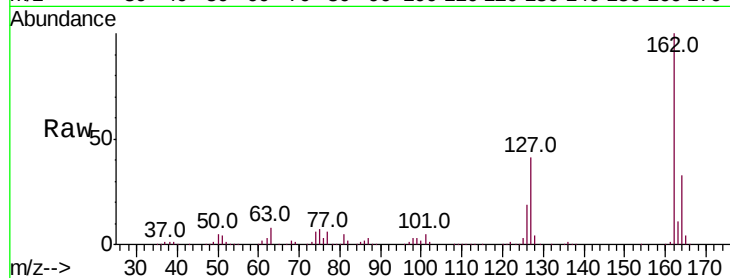




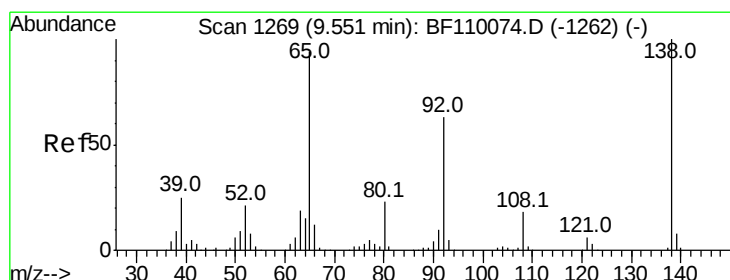
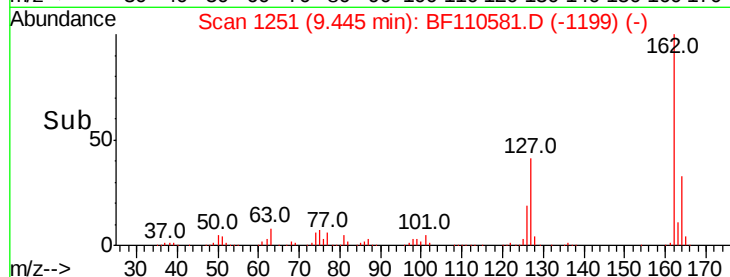
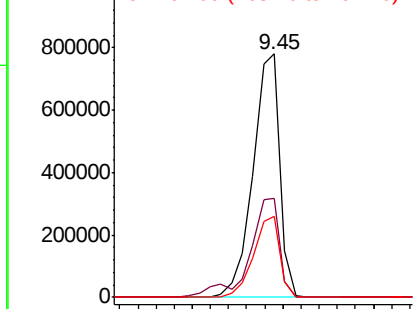
#47
 2-Chloronaphthalene
 Concen: 76.085 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	32.6	48.8
164	33.2	25.9	38.9

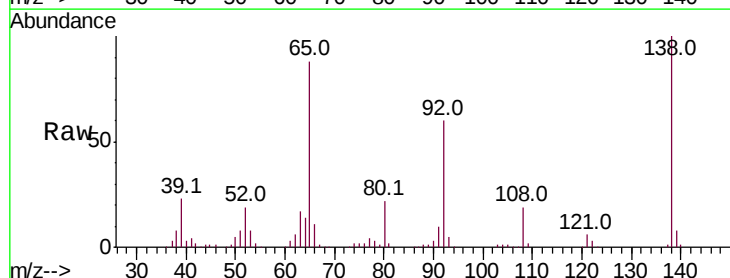


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

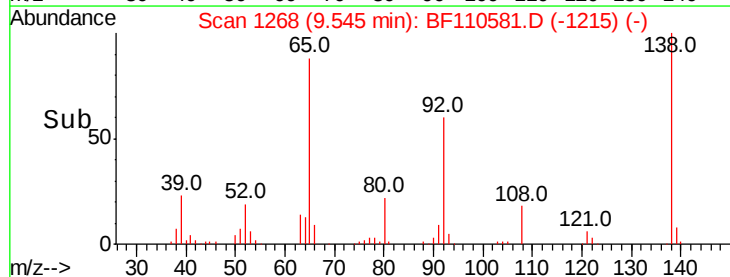
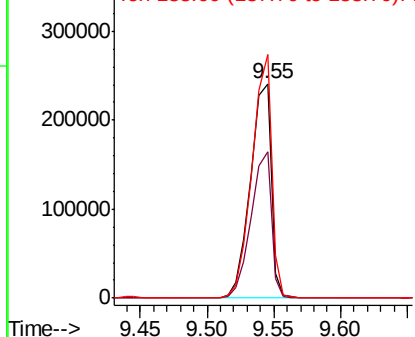


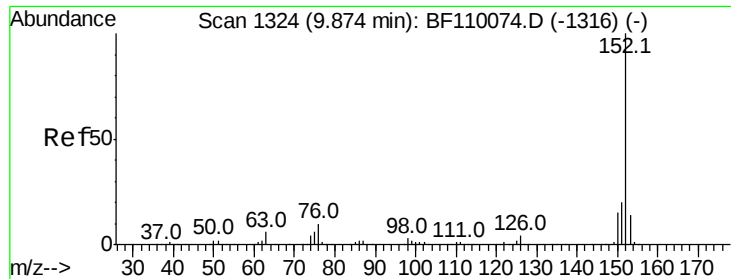
#48
 2-Nitroaniline
 Concen: 80.688 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	54.6	81.8
138	113.6	80.3	120.5



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





#49

Acenaphthylene

Concen: 74.140 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleId :

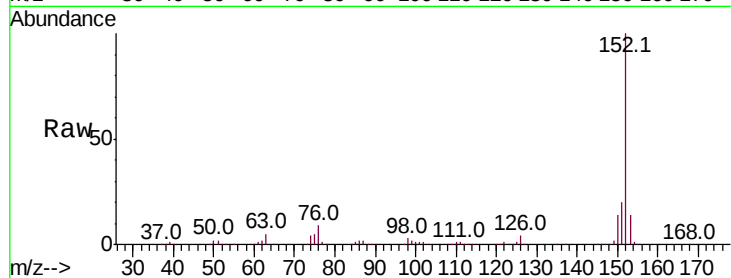
Tot Ion:152 Resp: 1127533

Ion Ratio Lower Upper

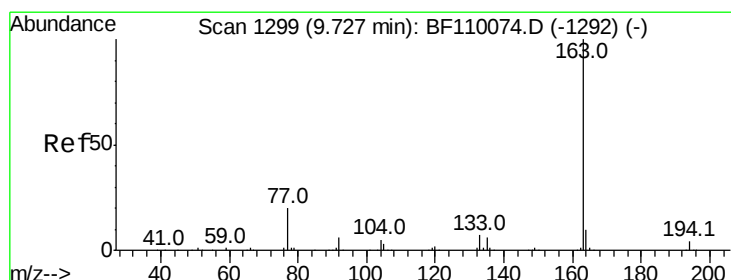
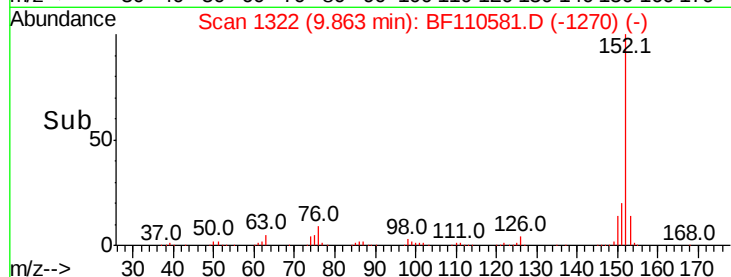
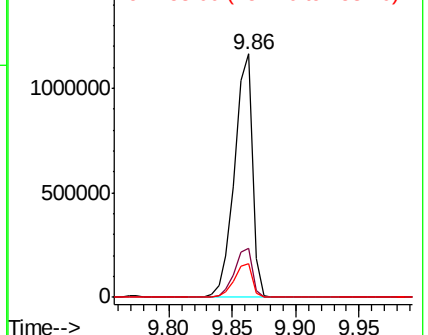
152 100

151 20.1 15.8 23.8

153 13.6 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: 76.209 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

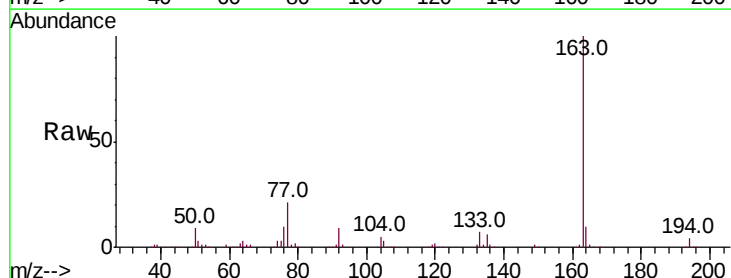
Tgt Ion:163 Resp: 892986

Ion Ratio Lower Upper

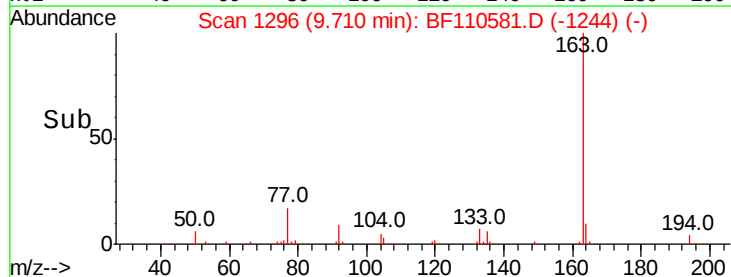
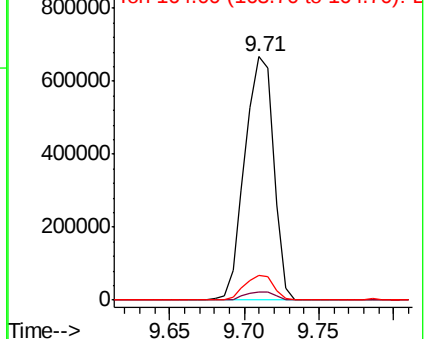
163 100

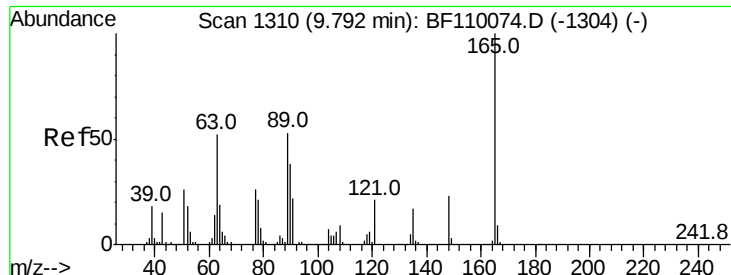
194 3.6 3.2 4.8

164 10.0 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

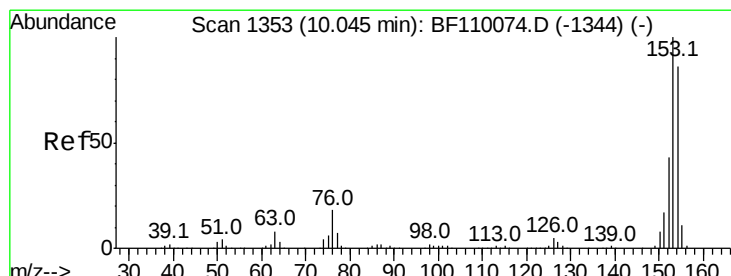
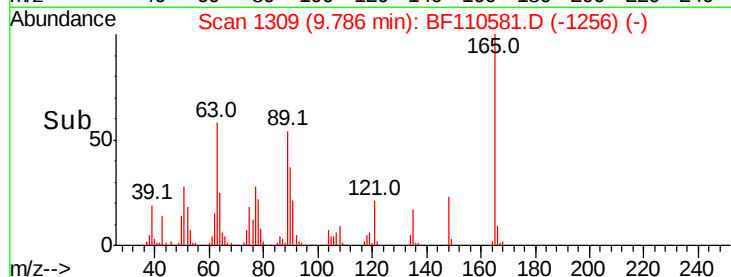
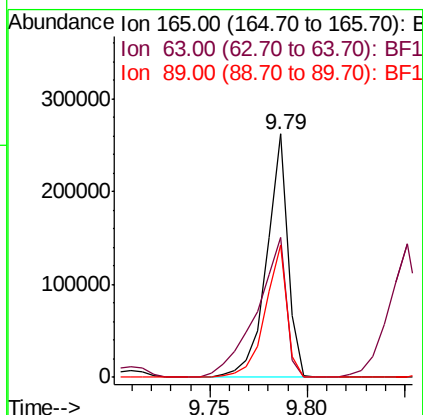
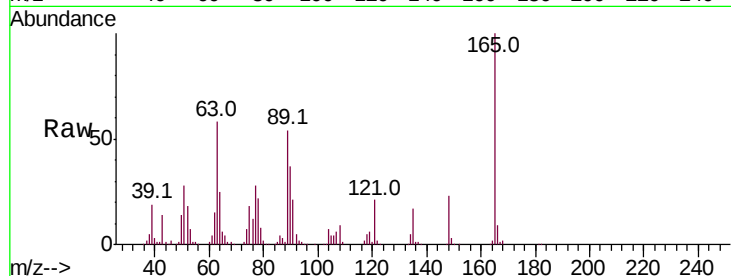




#51
2,6-Dinitrotoluene
Concen: 78.575 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

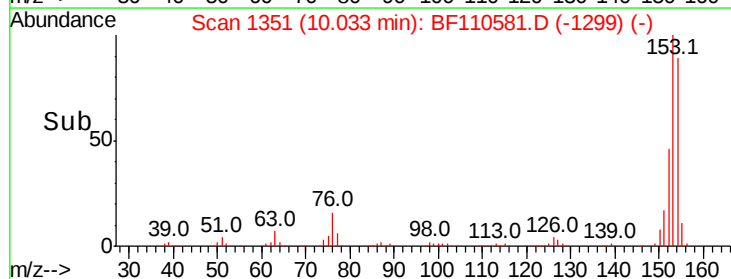
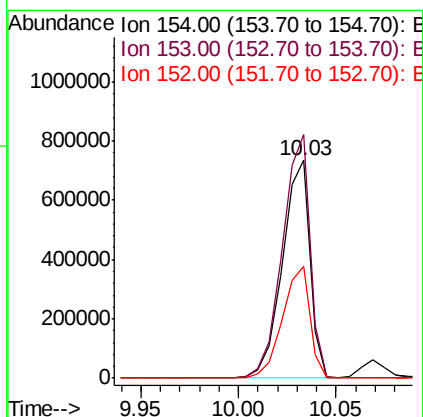
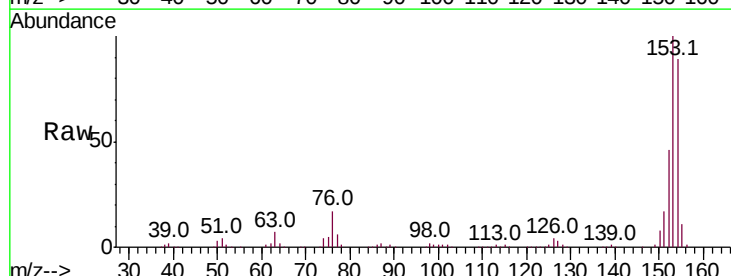
Instrument :
BNA_F
ClientSampleId :

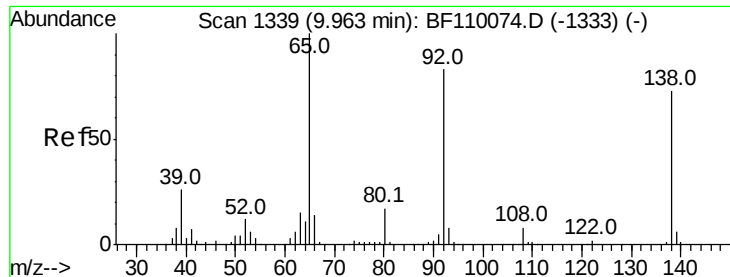
Tot Ion:165 Resp: 198324
Ion Ratio Lower Upper
165 100
63 57.7 48.9 73.3
89 54.1 46.6 69.8



#52
Acenaphthene
Concen: 71.426 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion:154 Resp: 718612
Ion Ratio Lower Upper
154 100
153 111.9 90.1 135.1
152 51.3 43.4 65.2

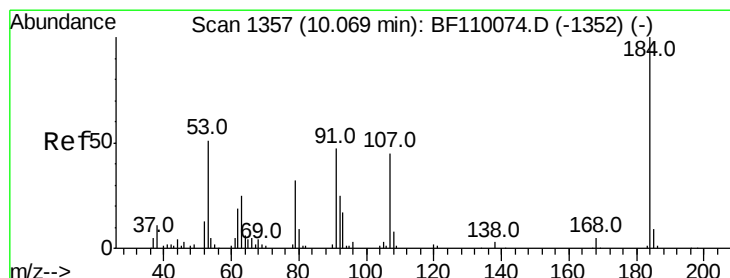
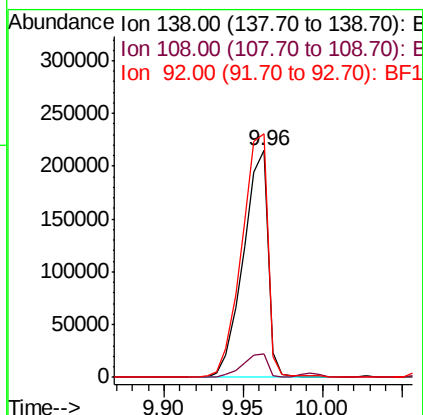
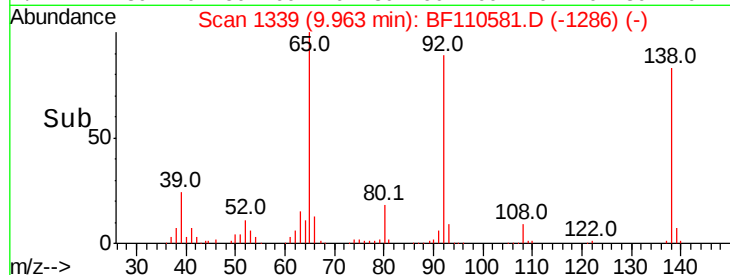
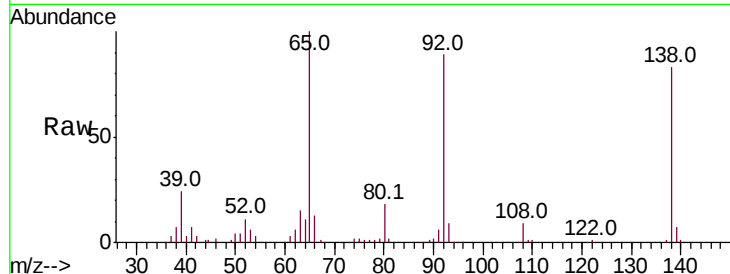




#53
 3-Nitroaniline
 Concen: 77.151 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

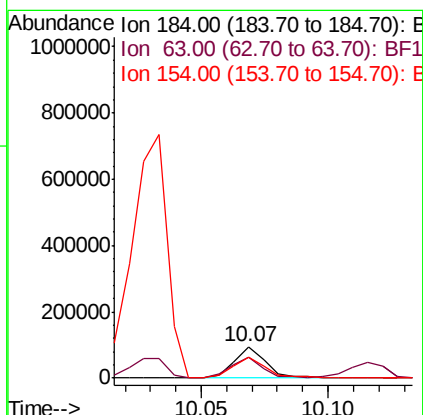
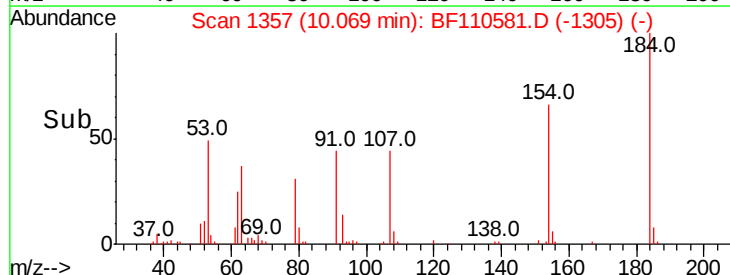
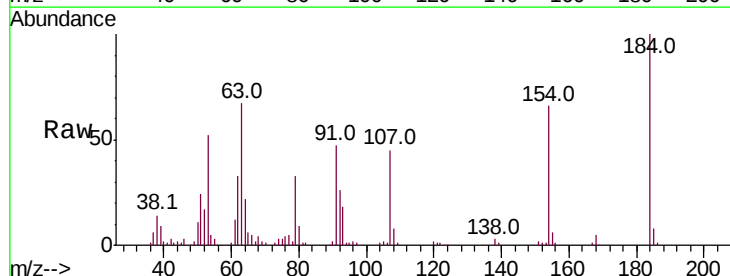
Instrument :
 BNA_F
 ClientSampleId :

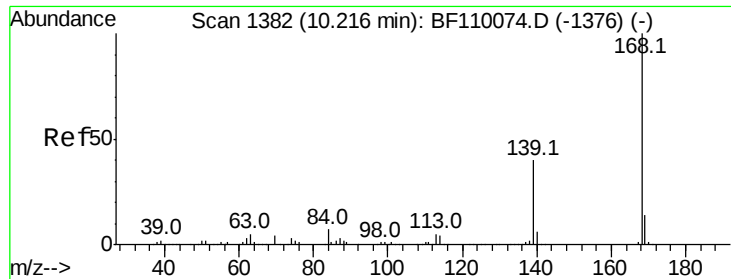
Tot Ion:138 Resp: 231571
 Ion Ratio Lower Upper
 138 100
 108 10.4 8.7 13.1
 92 107.5 97.0 145.4



#54
 2,4-Dinitrophenol
 Concen: 93.647 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion:184 Resp: 83043
 Ion Ratio Lower Upper
 184 100
 63 66.8 55.8 83.6
 154 66.2 63.2 94.8

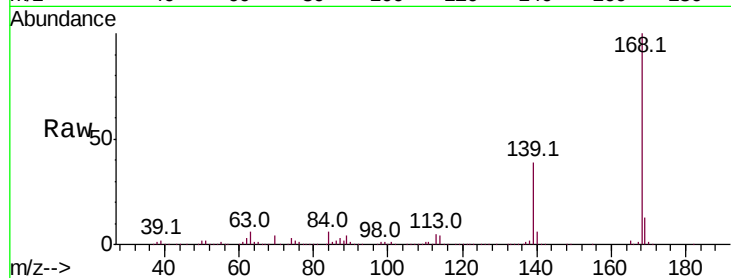




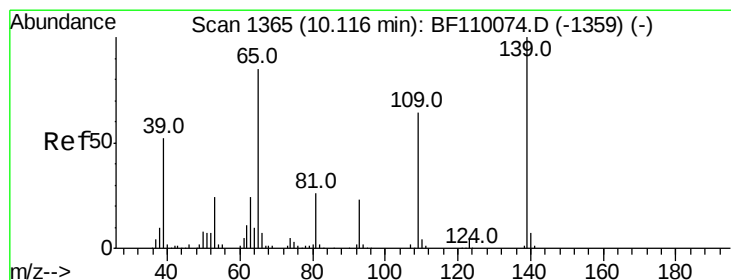
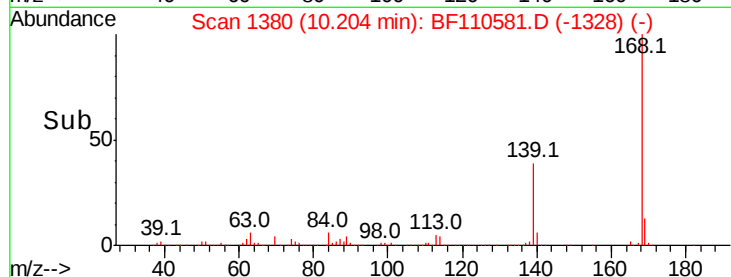
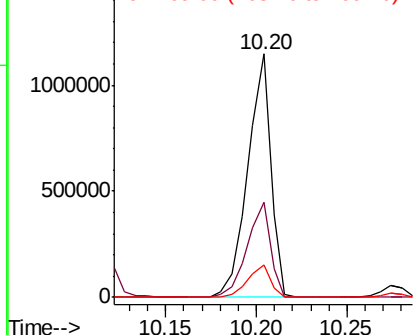
#55
Dibenzofuran
Concen: 72.346 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1019088
Ion Ratio Lower Upper
168 100
139 39.2 33.0 49.6
169 13.4 11.3 16.9

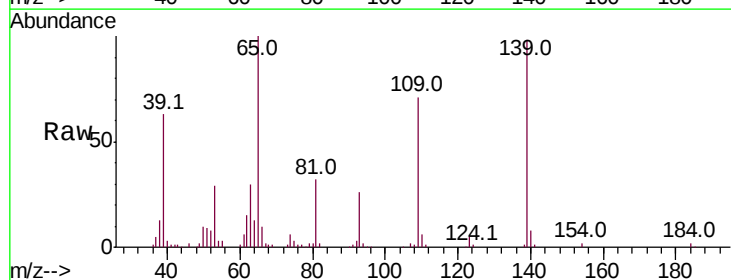


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

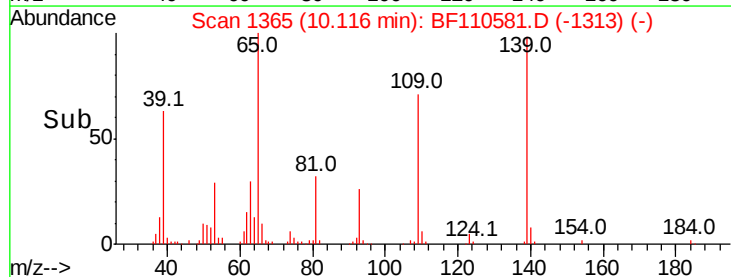
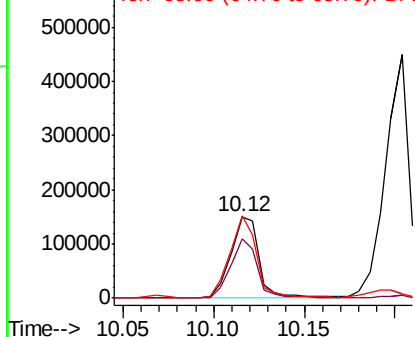


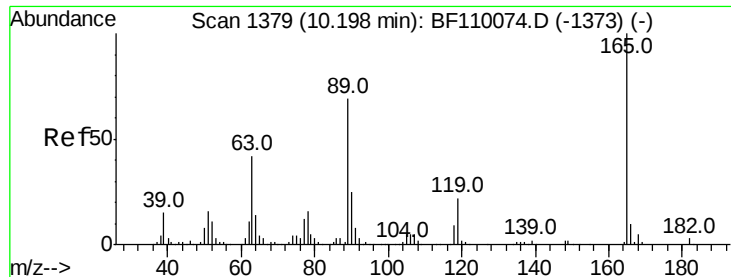
#56
4-Nitrophenol
Concen: 73.573 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion:139 Resp: 163442
Ion Ratio Lower Upper
139 100
109 72.3 55.8 95.8
65 102.0 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

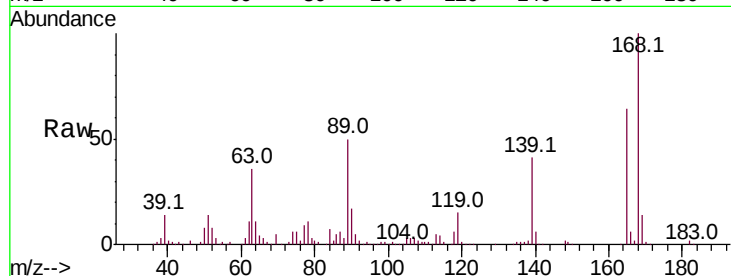




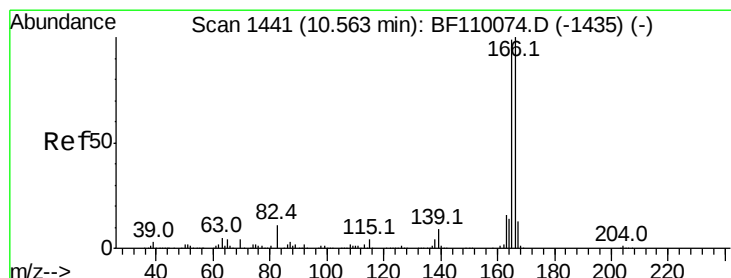
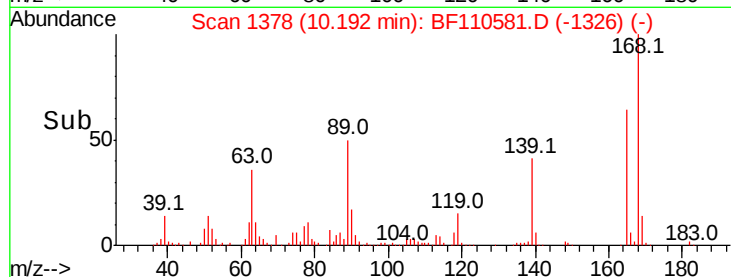
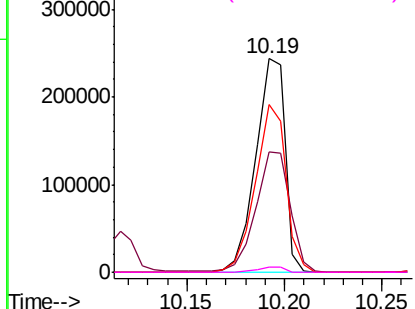
#57
2,4-Dinitrotoluene
Concen: 79.459 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.5	44.8	67.2
89	78.8	62.2	93.4
182	2.4	2.1	3.1

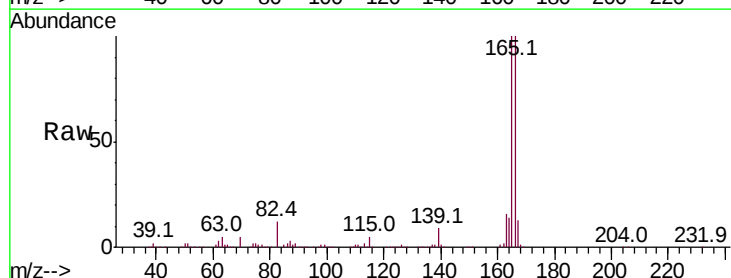


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

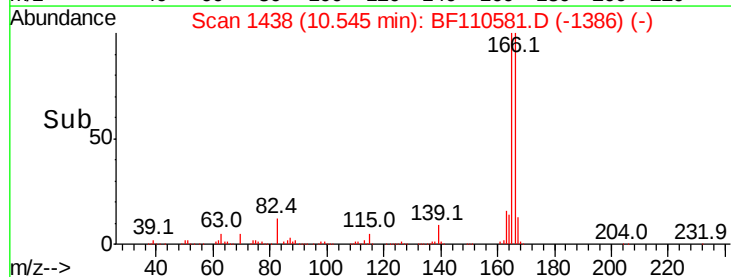
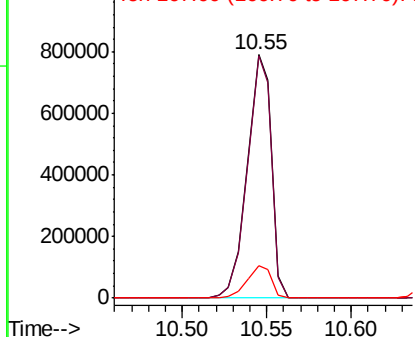


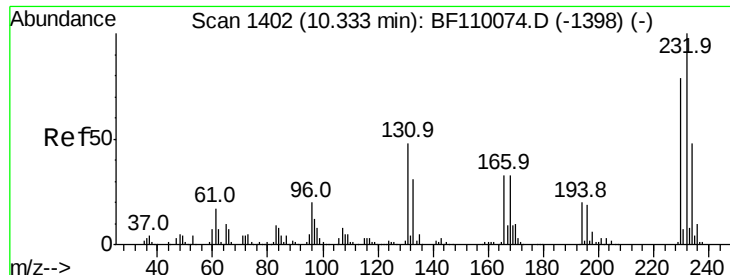
#58
Fluorene
Concen: 75.425 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.6	117.8
167	13.3	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

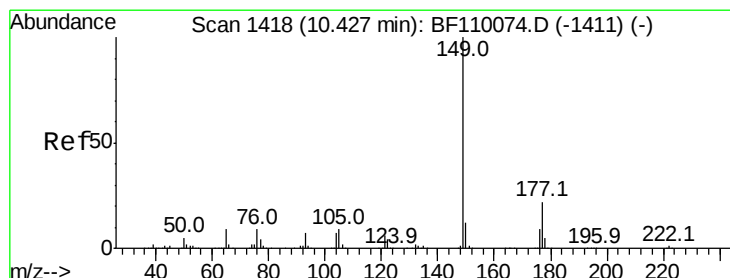
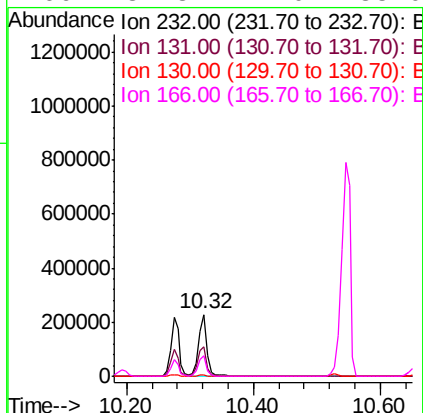
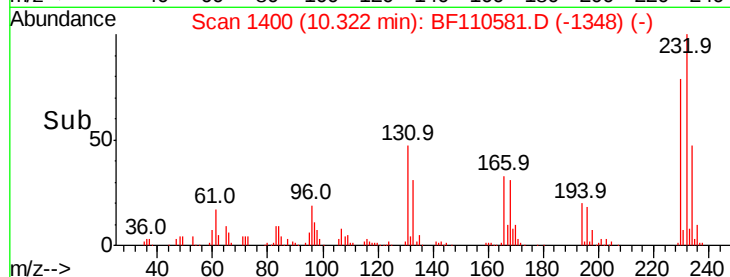
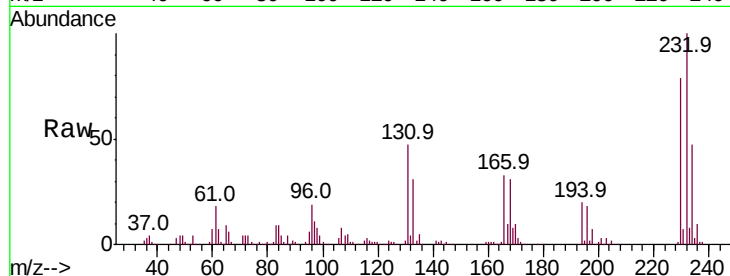




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 74.090 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

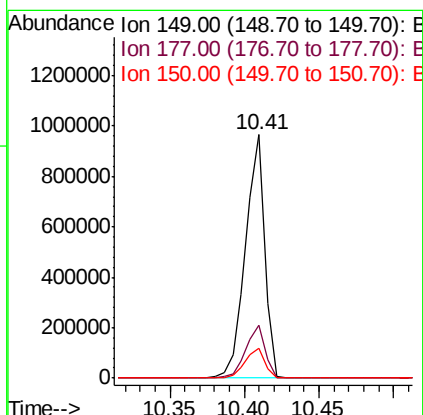
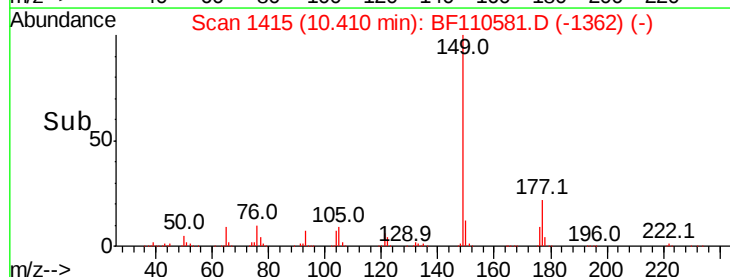
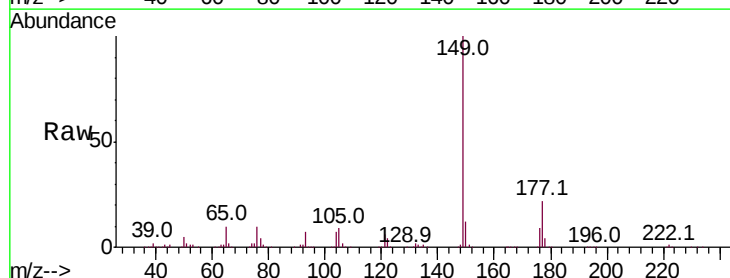
Instrument :
 BNA_F
 ClientSampleId :

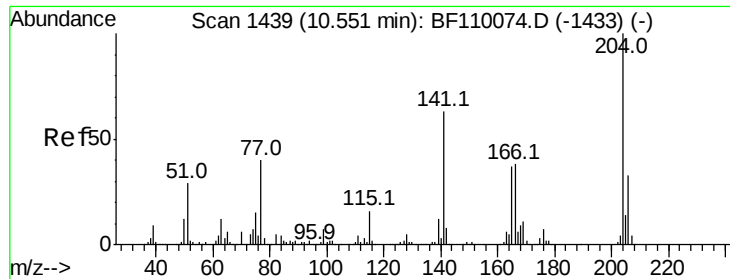
Tot Ion	Ratio	Lower	Upper
232	100		
131	48.3	37.0	55.4
130	2.4	1.8	2.6
166	32.3	22.0	33.0



#60
 Diethylphthalate
 Concen: 75.400 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	12.4	9.8	14.8

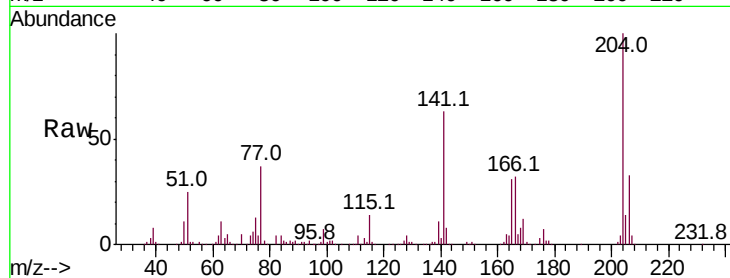




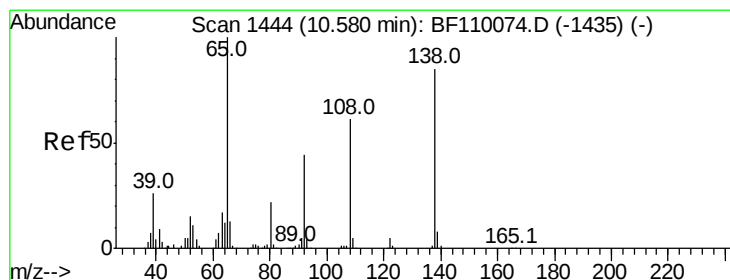
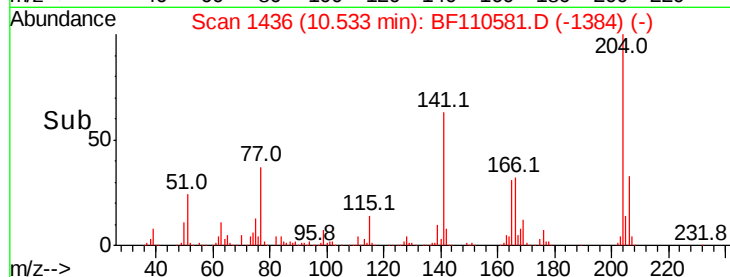
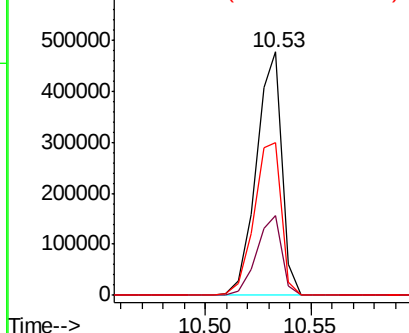
#61
 4-Chlorophenyl-phenylether
 Concen: 72.617 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 401604
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.5 39.7
 141 62.6 51.8 77.8

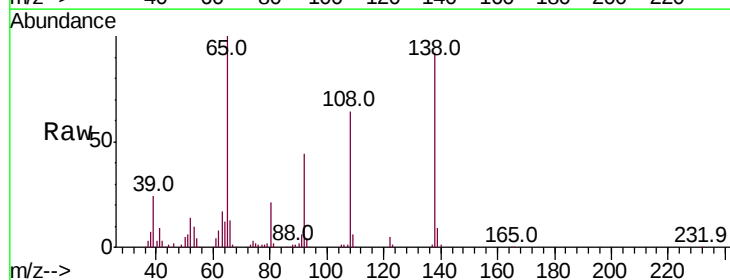


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

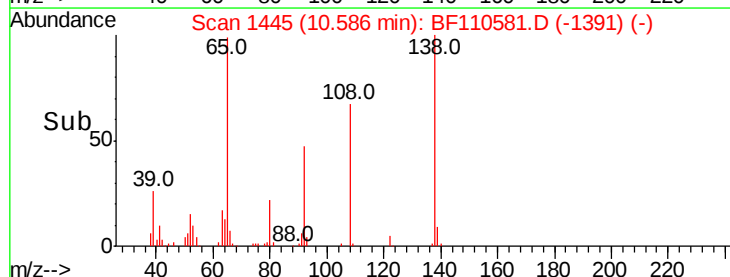
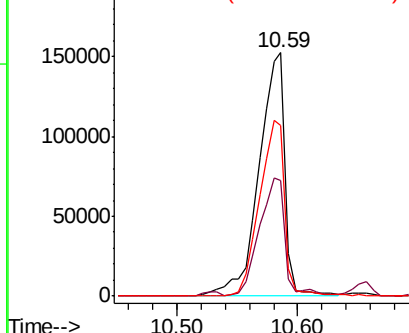


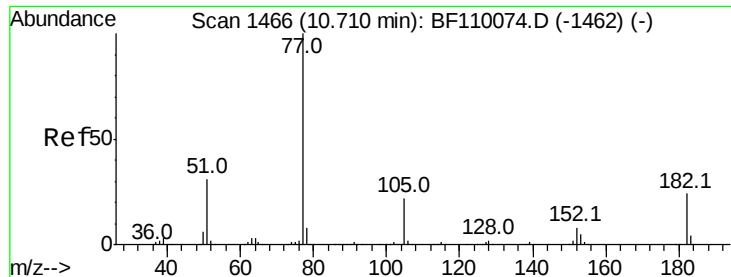
#62
 4-Nitroaniline
 Concen: 76.280 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.02 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion:138 Resp: 227719
 Ion Ratio Lower Upper
 138 100
 92 47.5 31.7 71.7
 108 70.0 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: 74.794 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 849186

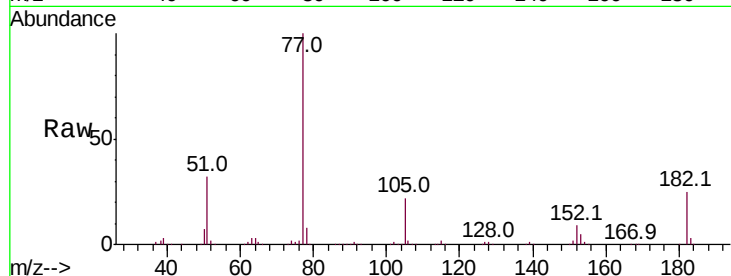
Ion Ratio Lower Upper

77 100

182 24.9 4.3 44.3

105 22.0 1.3 41.3

51 31.9 9.0 49.0

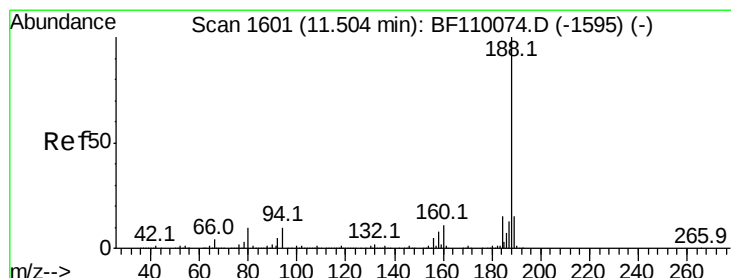
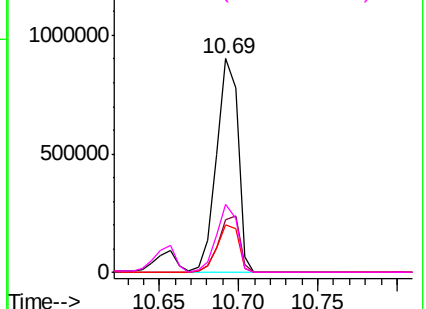
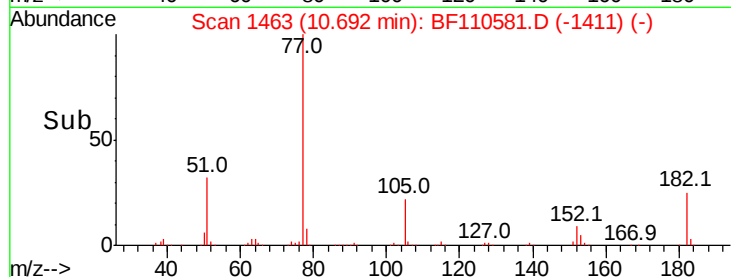


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

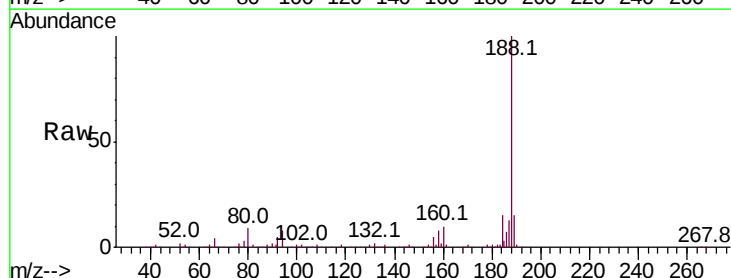
Tgt Ion: 188 Resp: 288917

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

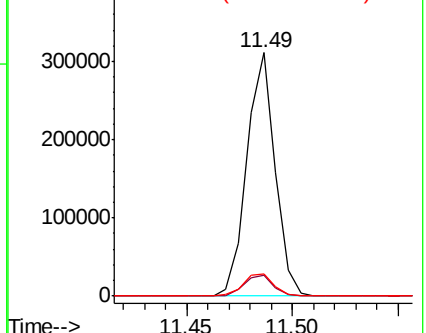
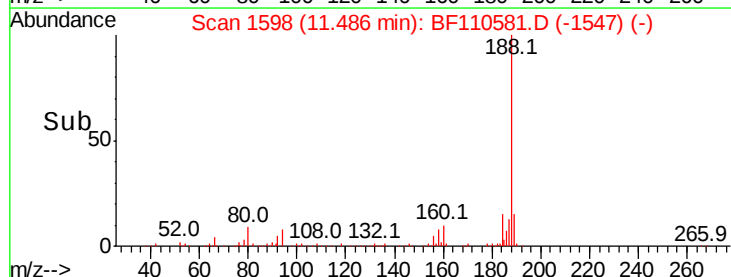
80 9.0 7.9 11.9

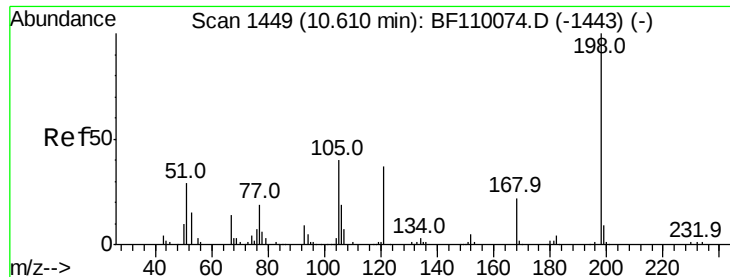


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

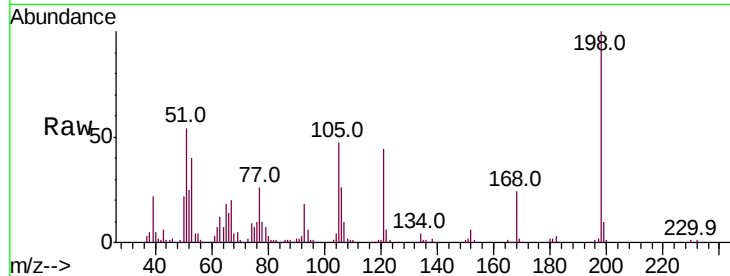




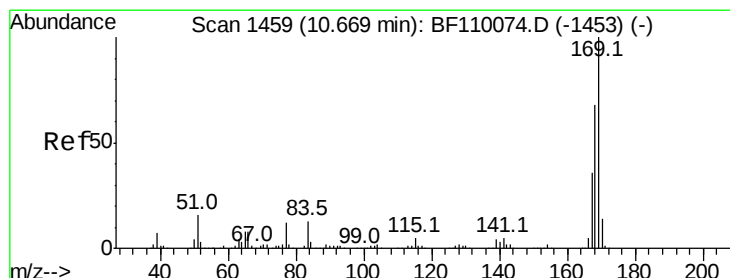
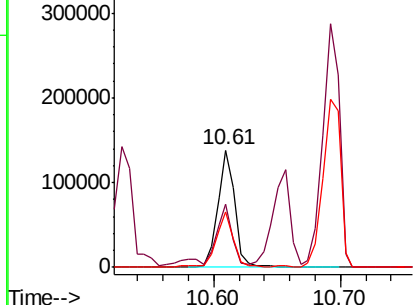
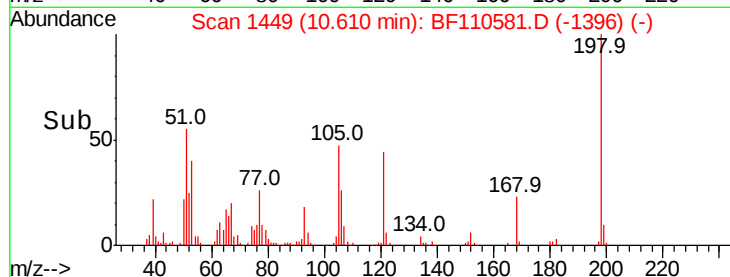
#65
 4,6-Dinitro-2-methylphenol
 Concen: 98.567 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	54.5	22.8	62.8
105	47.2	23.6	63.6

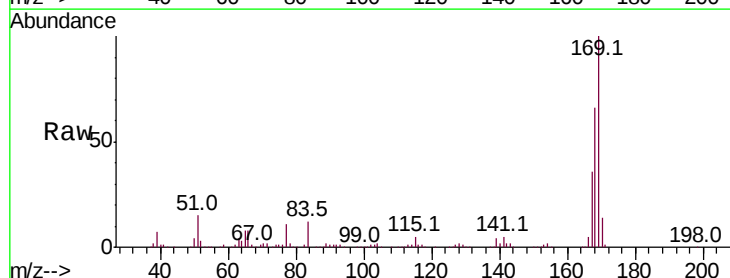


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

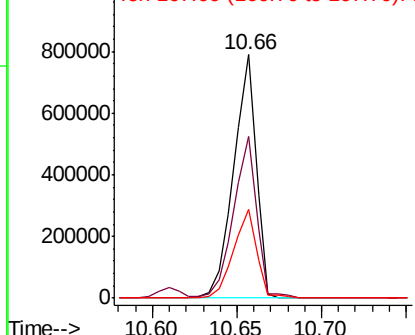
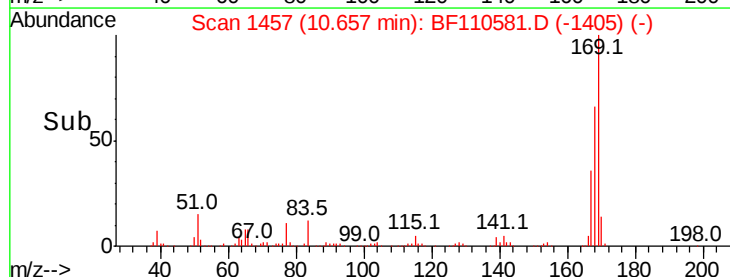


#66
 n-Nitrosodiphenylamine
 Concen: 77.696 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	51.2	76.8
167	36.3	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

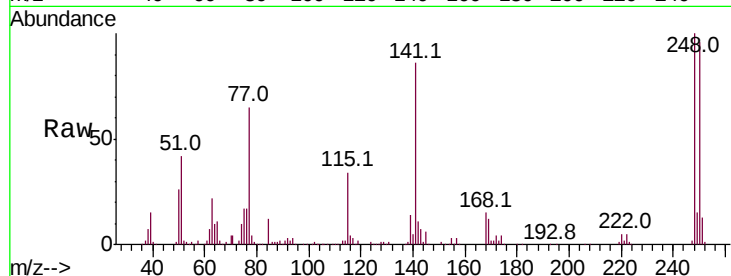




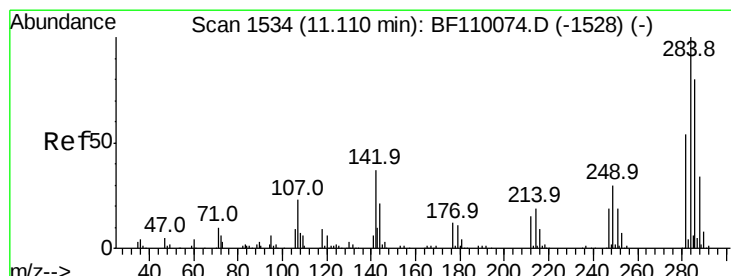
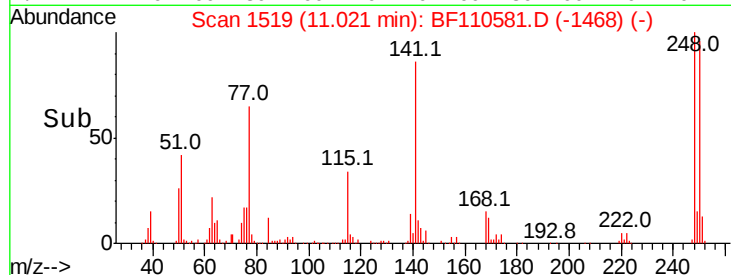
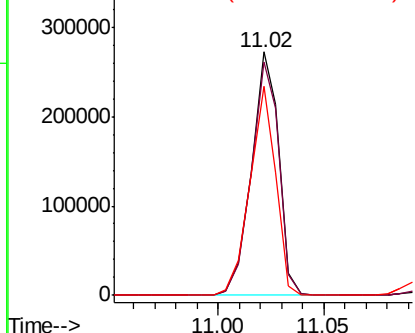
#67
 4-Bromophenyl-phenylether
 Concen: 78.002 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 244450
 Ion Ratio Lower Upper
 248 100
 250 96.0 79.4 119.2
 141 85.7 55.9 83.9#

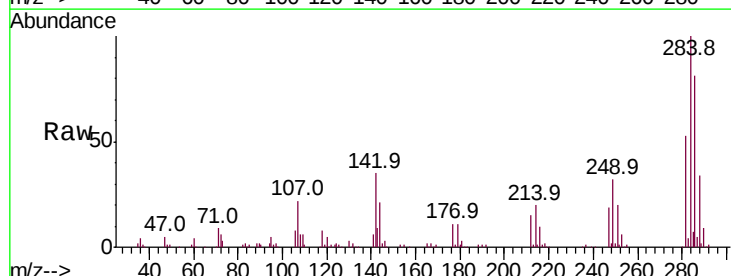


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

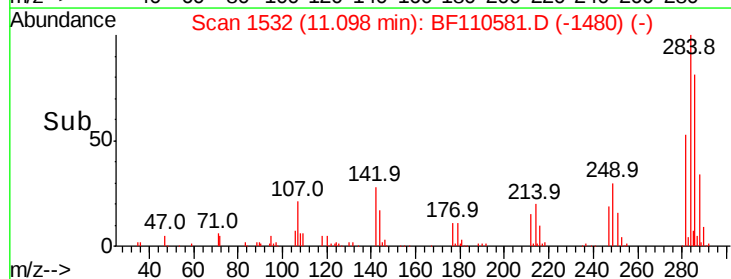
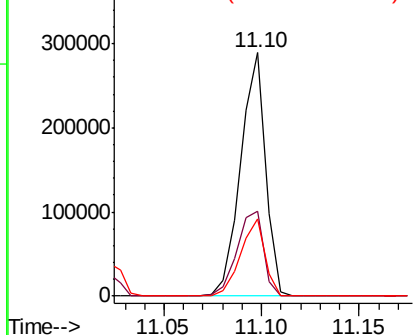


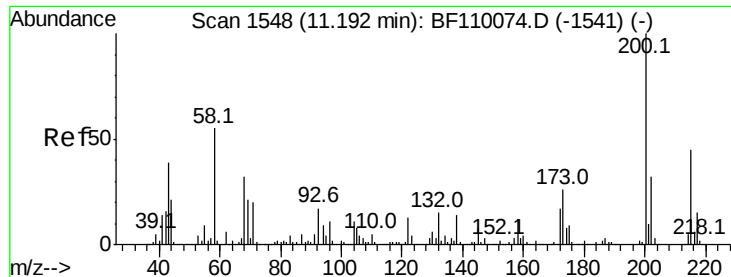
#68
 Hexachlorobenzene
 Concen: 77.057 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion:284 Resp: 256229
 Ion Ratio Lower Upper
 284 100
 142 35.0 23.9 35.9
 249 31.5 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

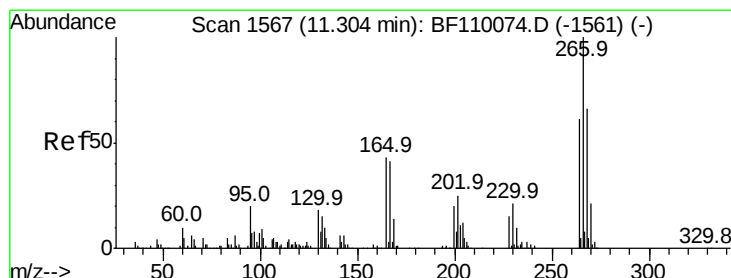
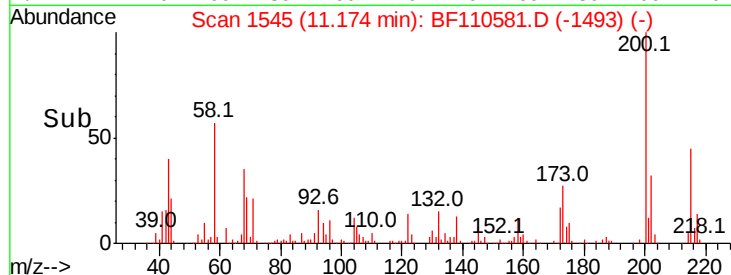
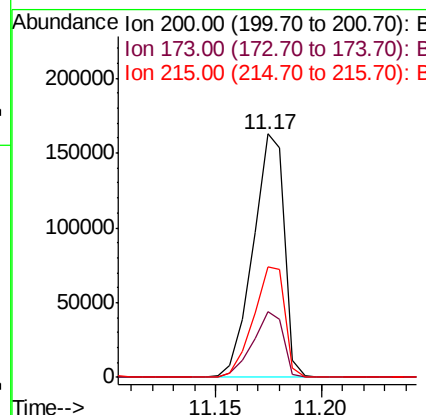
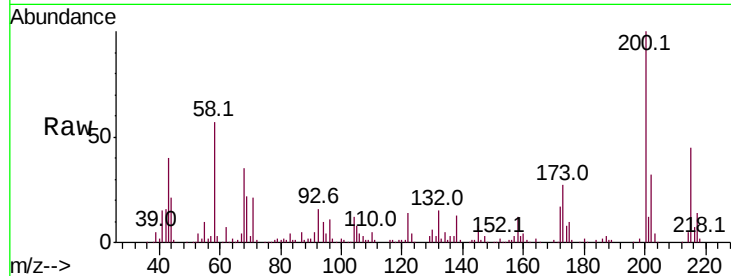




#69
Atrazine
Concen: 55.739 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

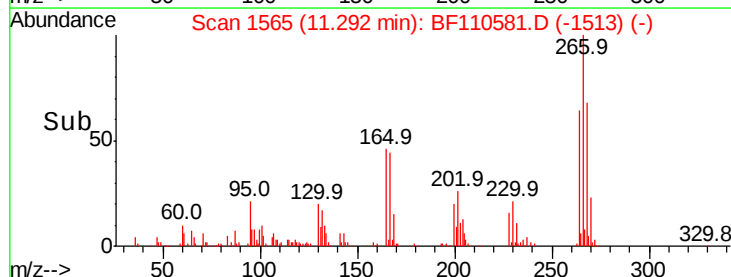
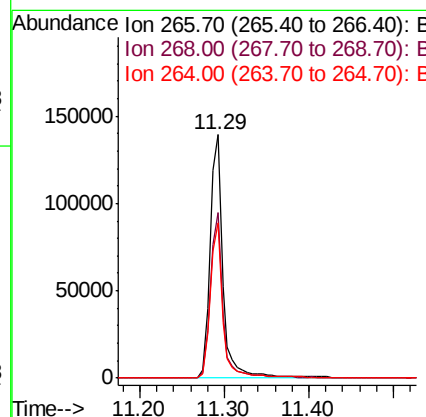
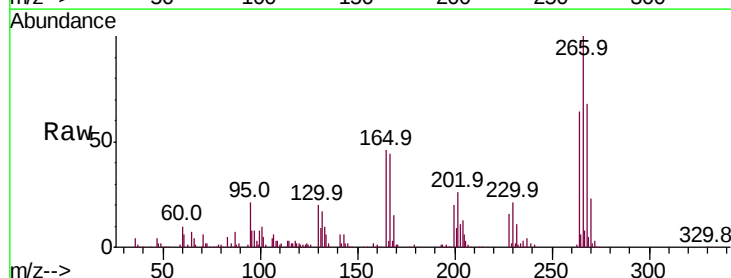
Instrument :
BNA_F
ClientSampleId :

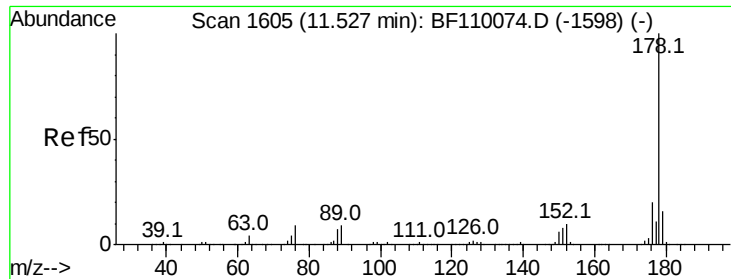
Tot Ion:200 Resp: 166926
Ion Ratio Lower Upper
200 100
173 27.0 6.6 46.6
215 45.5 26.3 66.3



#70
Pentachlorophenol
Concen: 76.011 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion:266 Resp: 147380
Ion Ratio Lower Upper
266 100
268 67.8 50.6 75.8
264 63.5 50.6 75.8

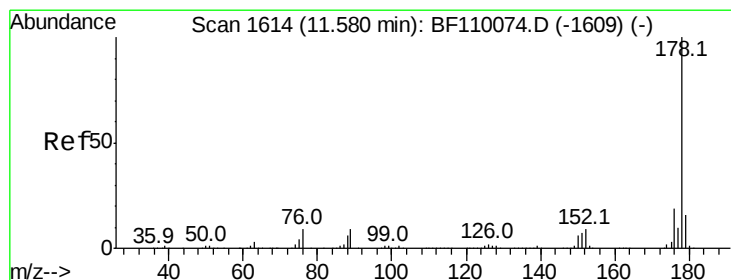
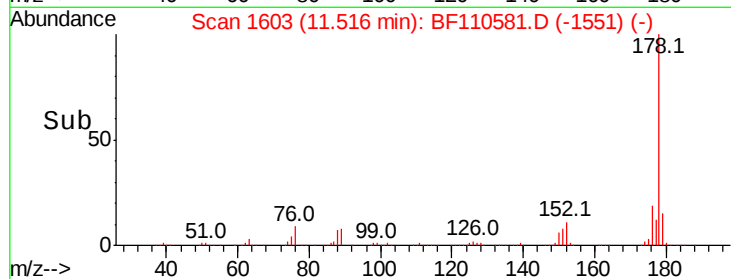
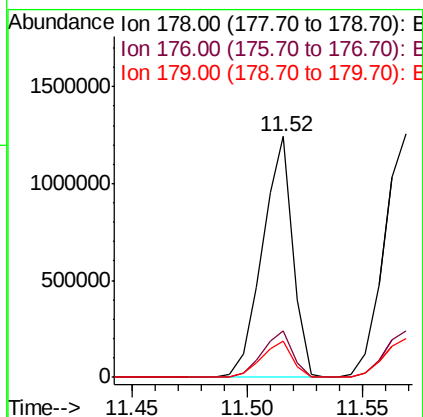
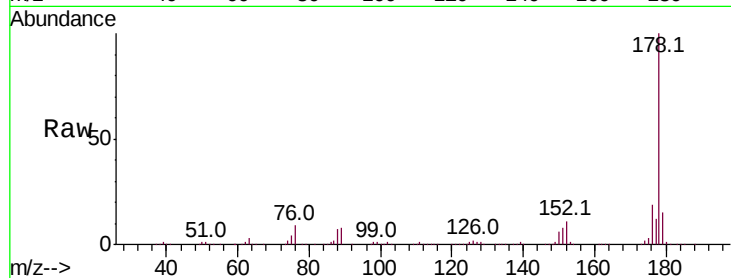




#71
 Phenanthrene
 Concen: 75.043 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

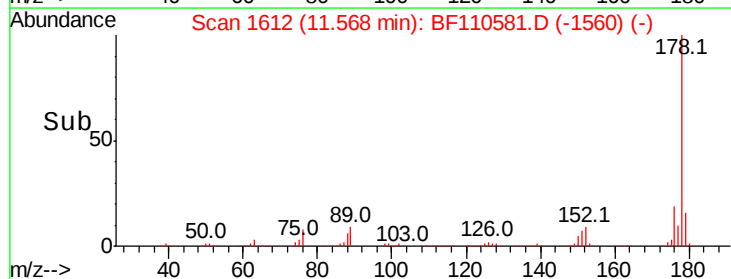
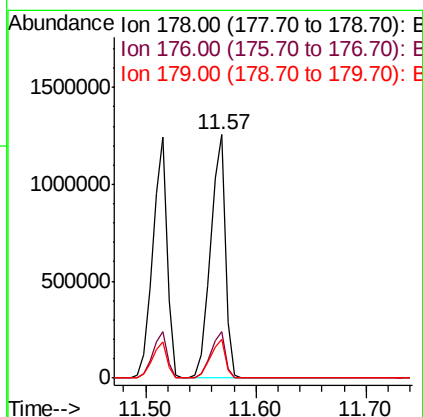
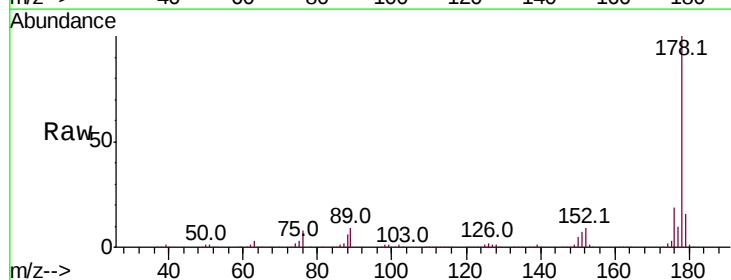
Instrument :
 BNA_F
 ClientSampleId :

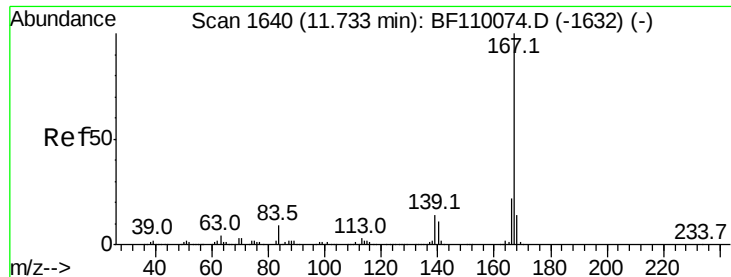
Tot Ion:178 Resp: 1134462
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 15.1 12.5 18.7



#72
 Anthracene
 Concen: 75.062 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion:178 Resp: 1137401
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.7 12.6 18.8

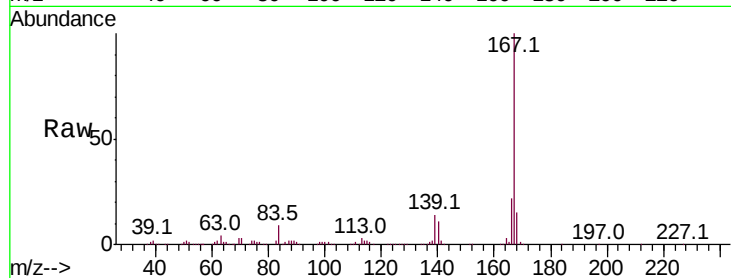




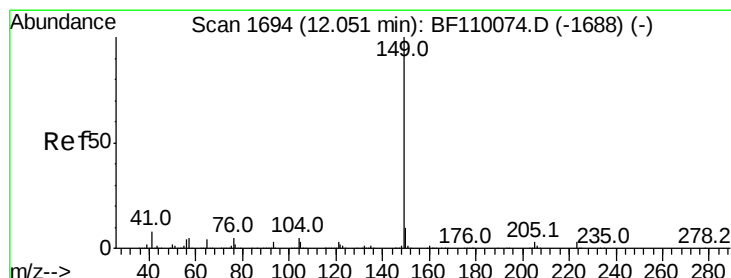
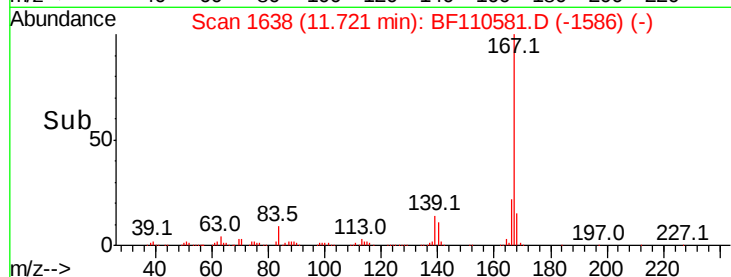
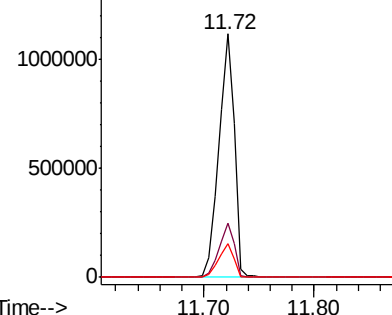
#73
 Carbazole
 Concen: 74.681 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 1104910
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 14.1 10.9 16.3

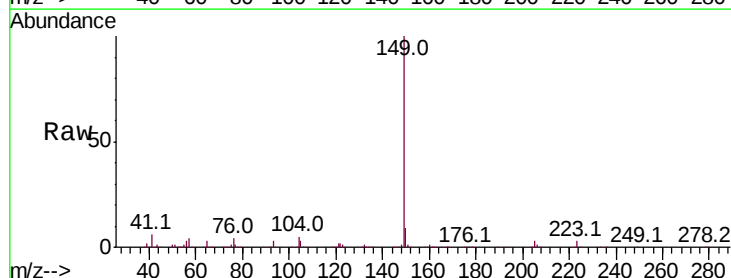


Abundance Ion 167.00 (166.70 to 167.70): E
 1500000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

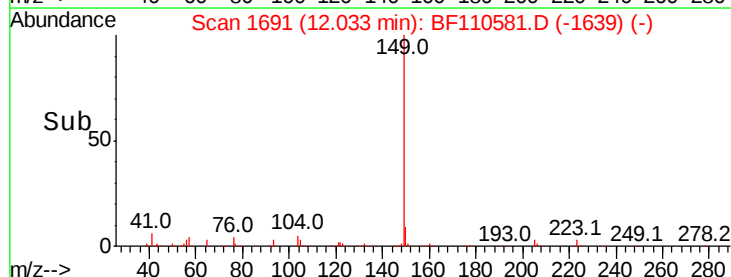
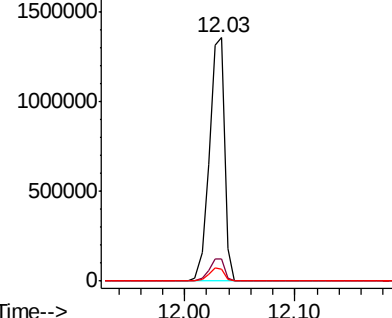


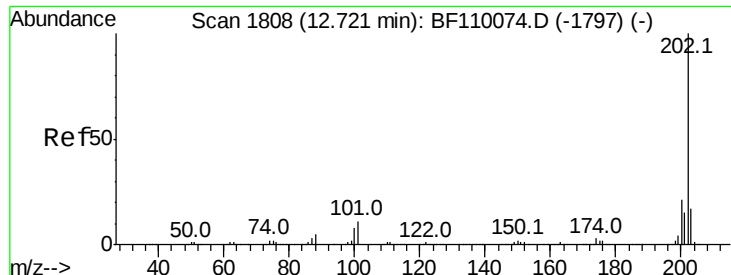
#74
 Di-n-butylphthalate
 Concen: 78.181 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion:149 Resp: 1306368
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 4.8 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

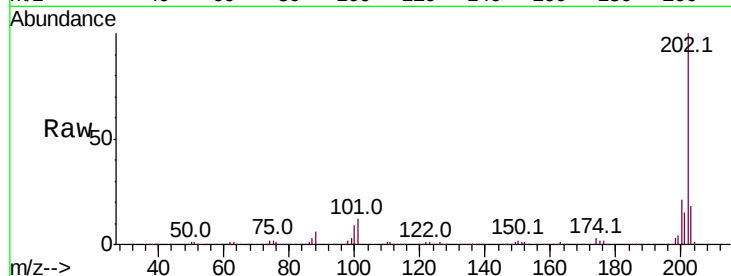




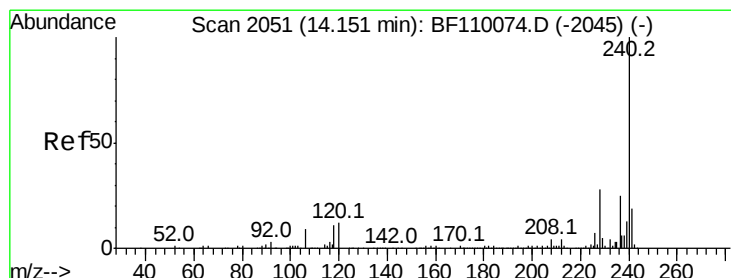
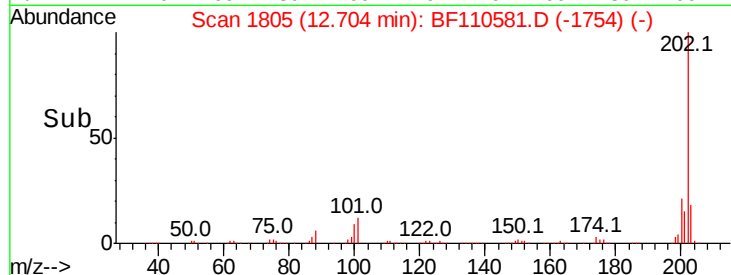
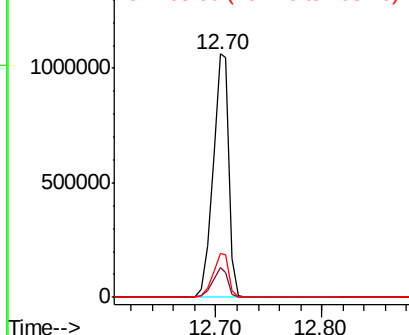
#75
 Fluoranthene
 Concen: 73.265 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1124073
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 31.4
 203 18.0 0.0 37.7

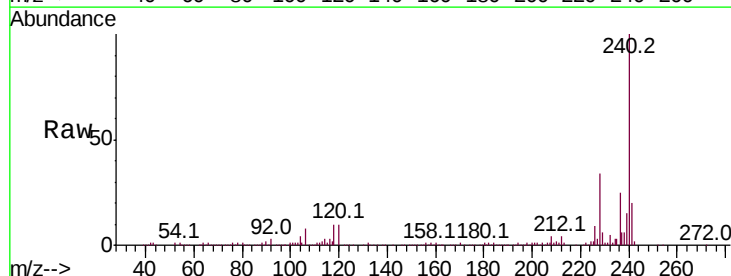


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

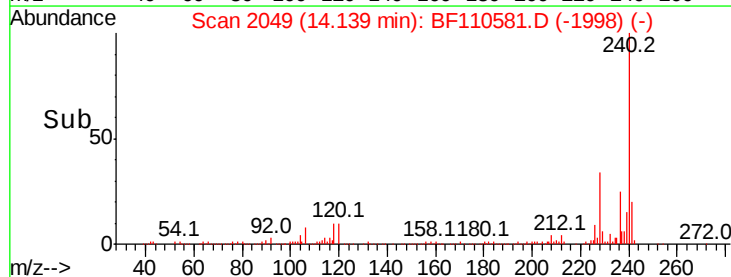
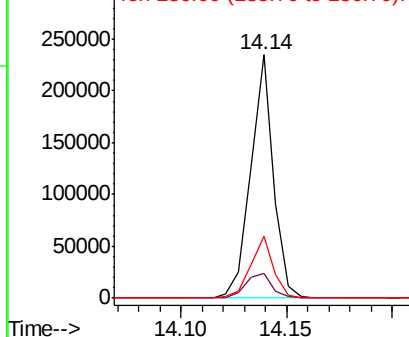


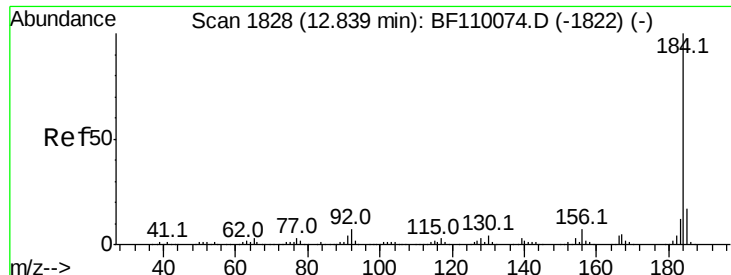
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion:240 Resp: 175118
 Ion Ratio Lower Upper
 240 100
 120 10.3 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: 52.747 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

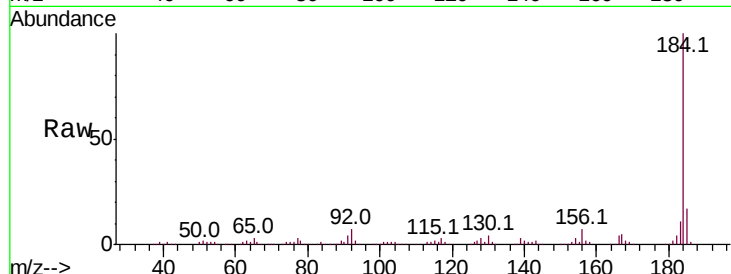
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 314452

Ion	Ratio	Lower	Upper
184	100		
185	16.9	13.4	20.2
183	11.5	9.4	14.2

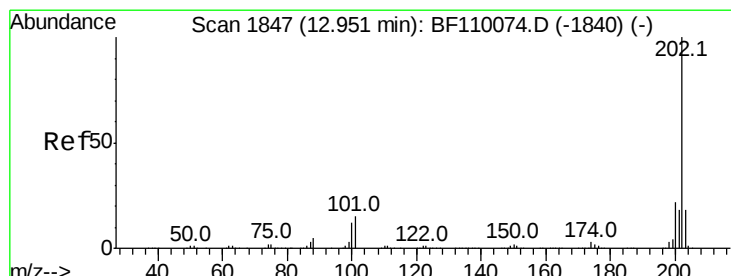
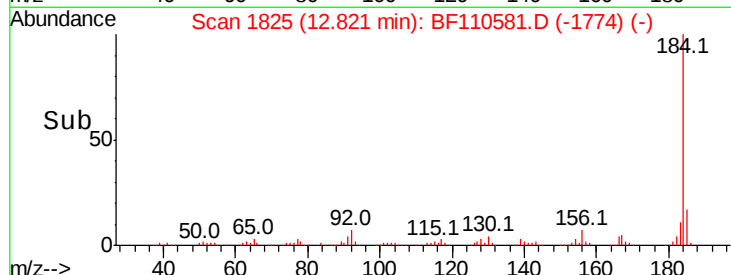
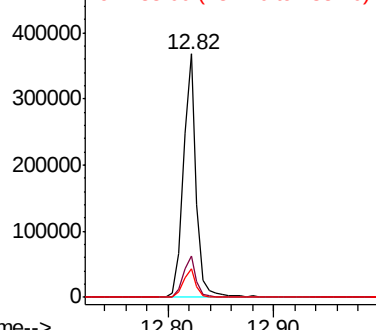


Abundance

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: 90.645 ng

RT: 12.94 min Scan# 1845

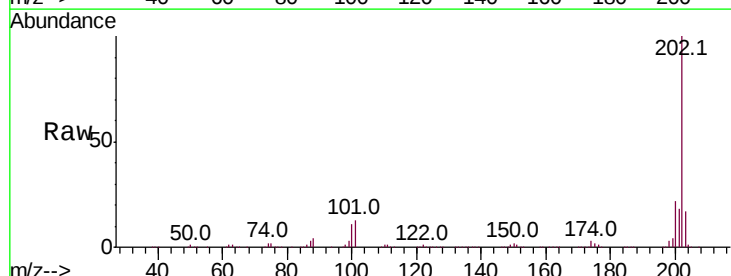
Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Tgt Ion:202 Resp: 1137999

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.8	26.6
203	17.3	14.2	21.4

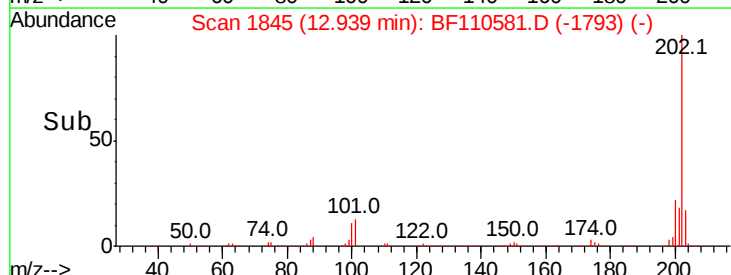
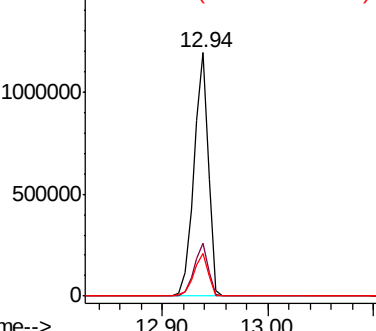


Abundance

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: 175.539 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleId :

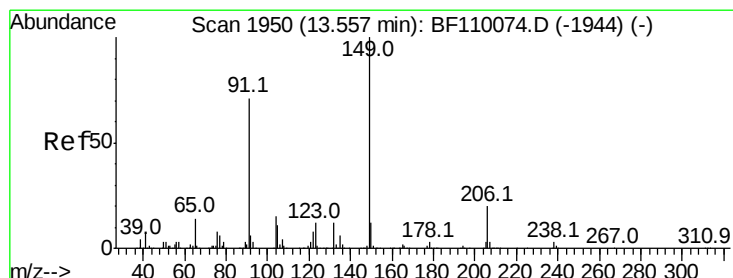
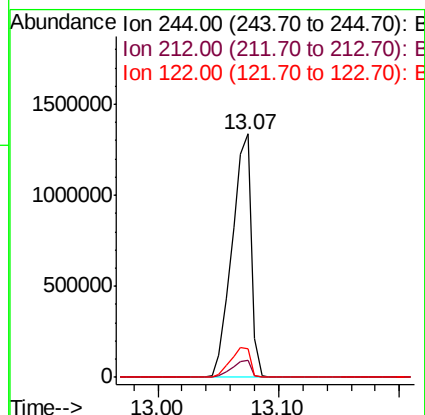
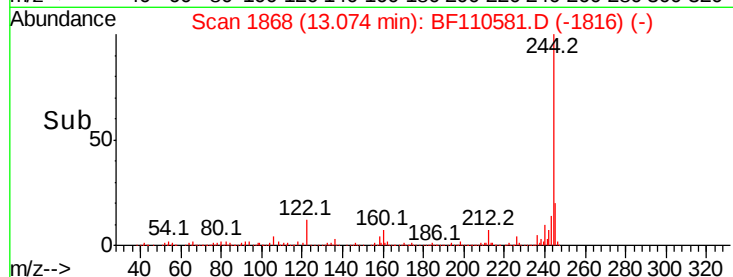
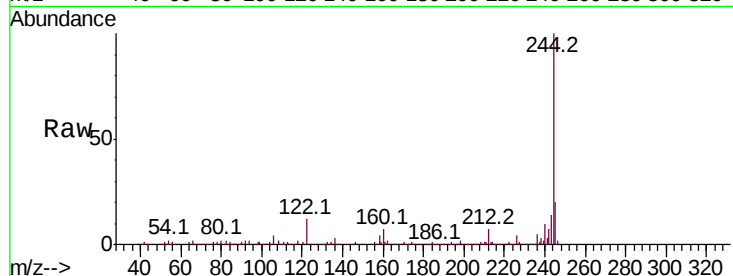
Tot Ion:244 Resp: 1478089

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 11.8 8.7 13.1



#80

Butylbenzylphthalate

Concen: 88.368 ng

RT: 13.53 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

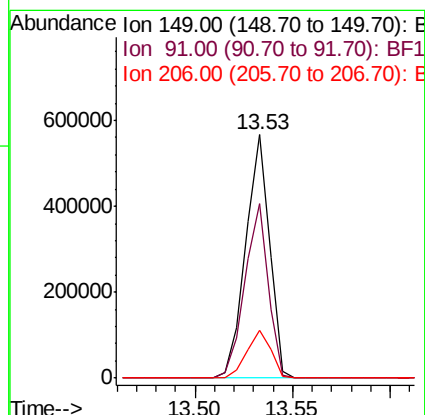
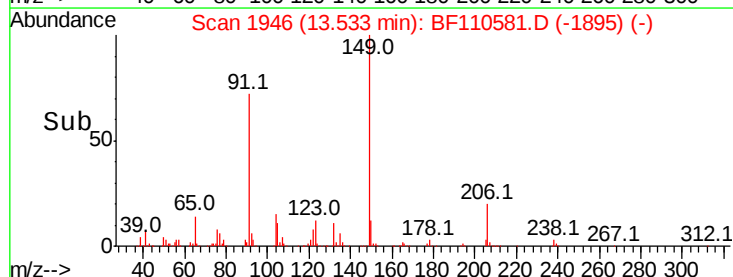
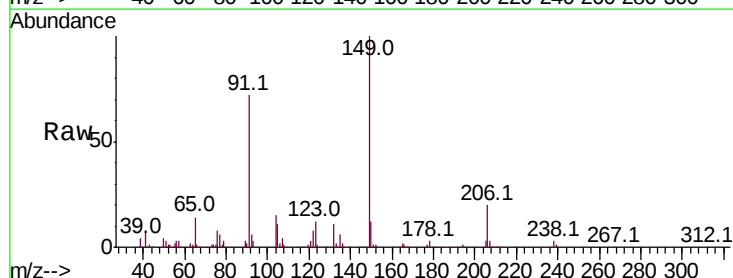
Tgt Ion:149 Resp: 481534

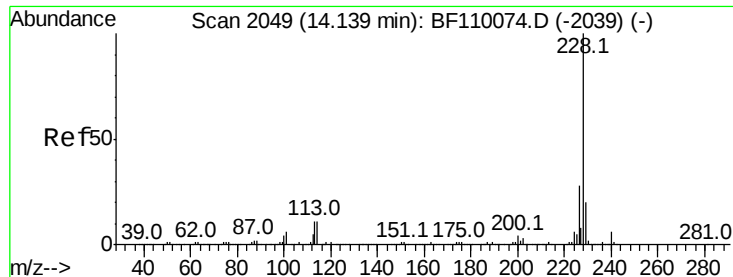
Ion Ratio Lower Upper

149 100

91 71.7 57.2 85.8

206 19.6 15.7 23.5

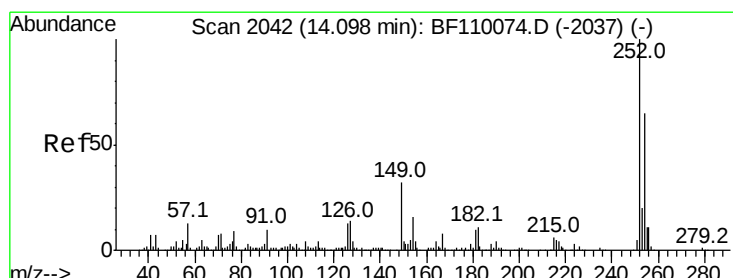
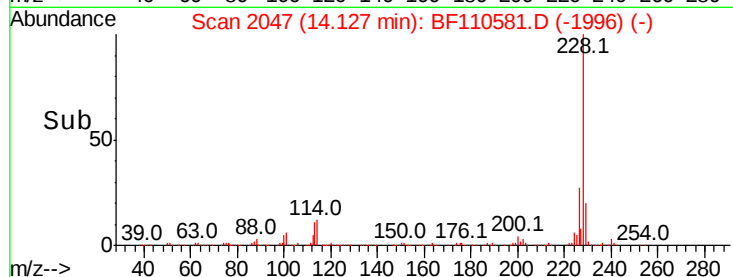
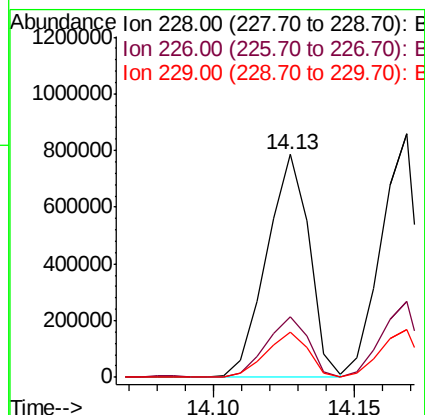
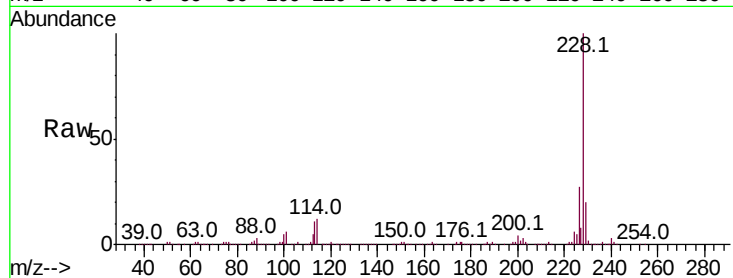




#81
Benzo(a)anthracene
Concen: 79.013 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

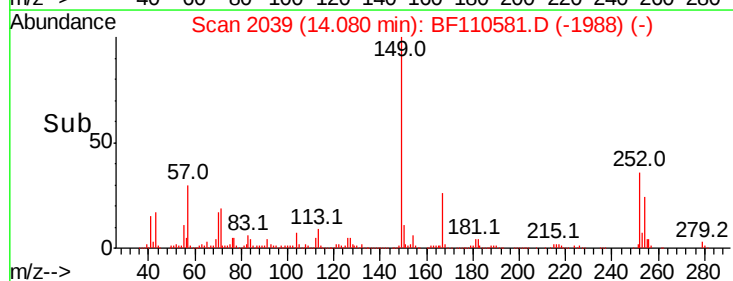
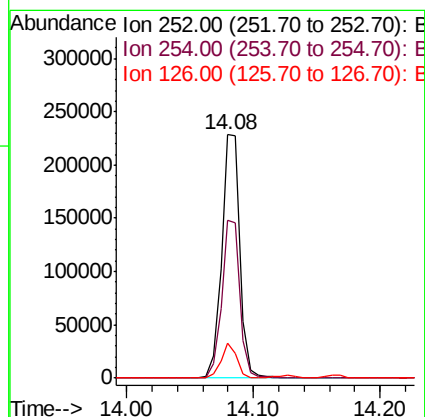
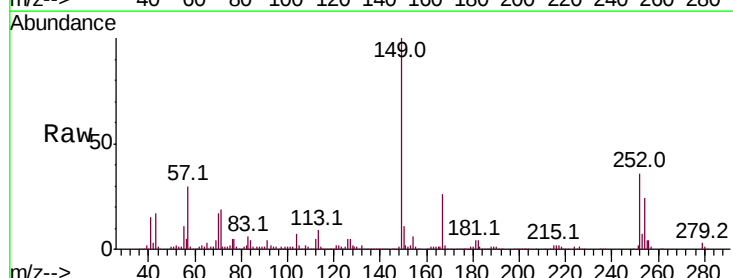
Instrument :
BNA_F
ClientSampled :

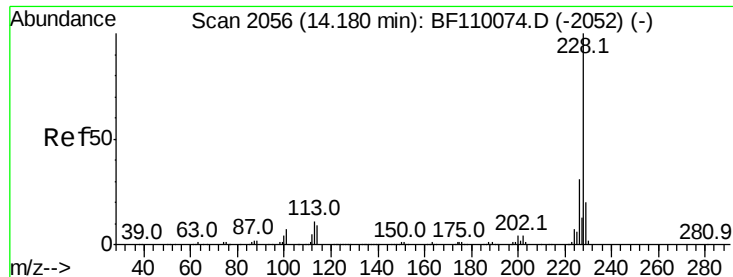
Tot Ion:228 Resp: 820540
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 20.3 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 63.732 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion:252 Resp: 230468
Ion Ratio Lower Upper
252 100
254 64.7 51.3 76.9
126 14.3 9.4 14.2#

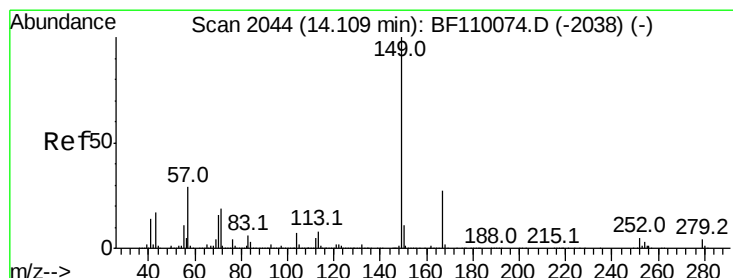
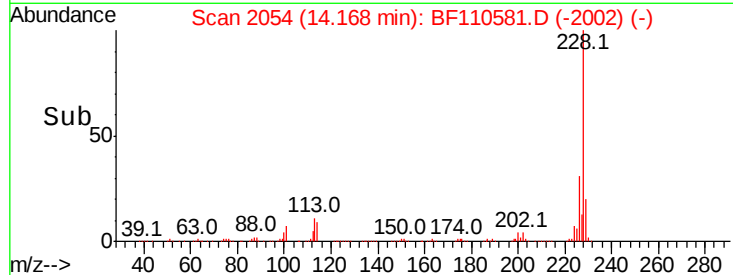
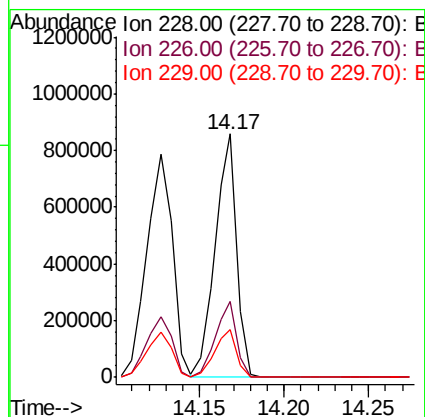
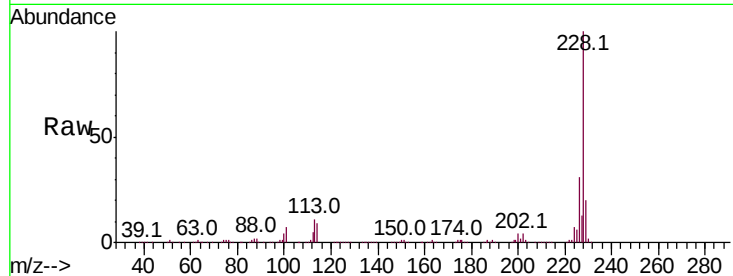




#83
 Chrvsene
 Concen: 77.540 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

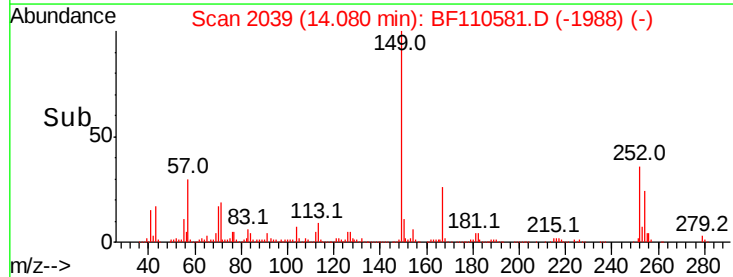
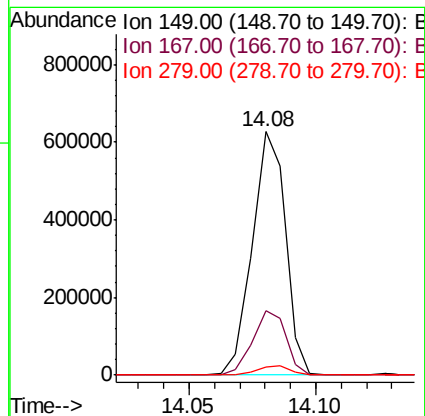
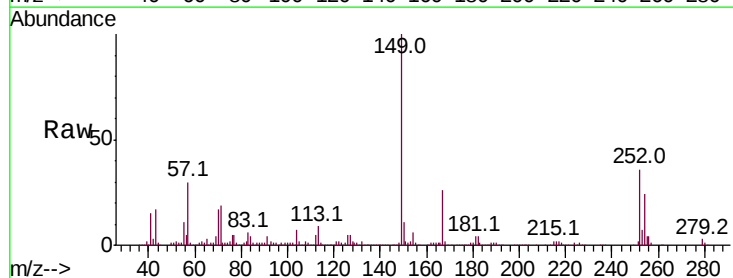
Instrument :
 BNA_F
 ClientSampled :

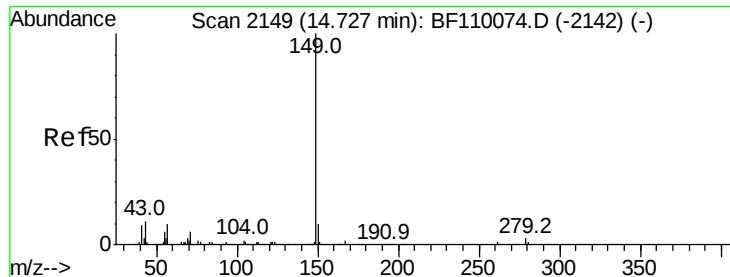
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	19.7	15.9	23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 78.009 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	19.8	29.8
279	3.4	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 74.852 ng

RT: 14.70 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampled :

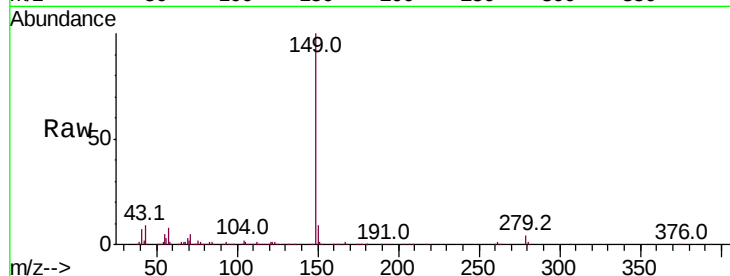
Tot Ion:149 Resp: 857343

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

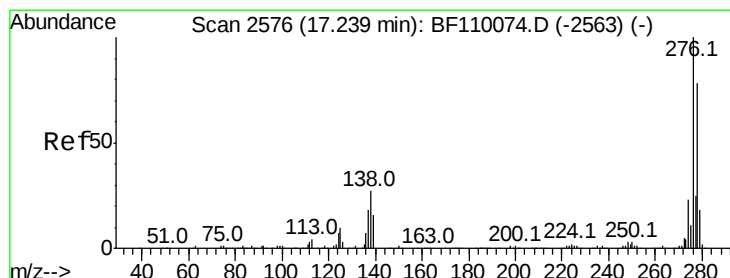
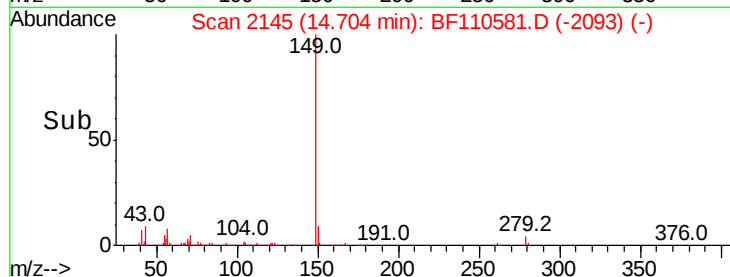
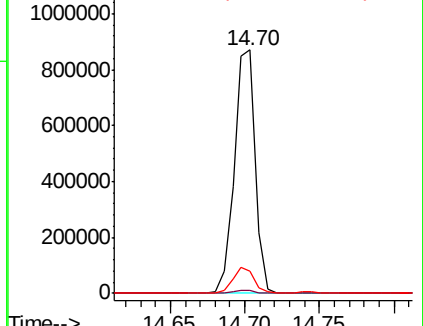
43 10.6 7.8 11.8



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: 82.807 ng

RT: 17.25 min Scan# 2578

Delta R.T. 0.02 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

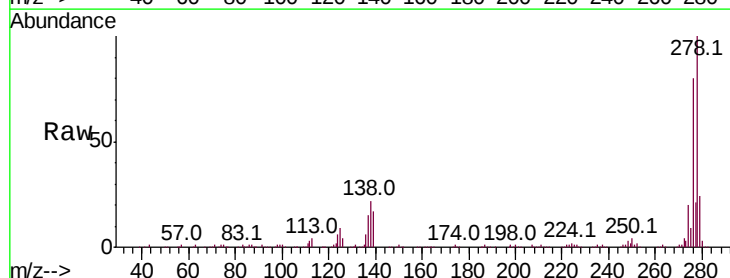
Tgt Ion:276 Resp: 677594

Ion Ratio Lower Upper

276 100

138 25.4 18.5 27.7

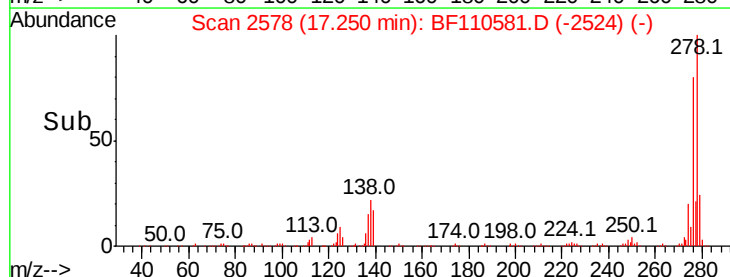
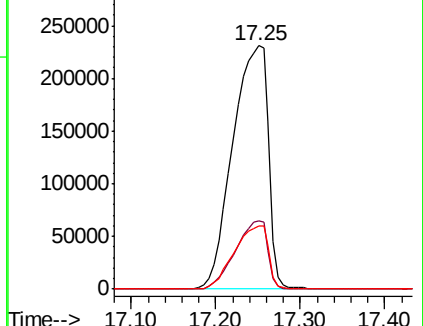
277 25.1 20.0 30.0

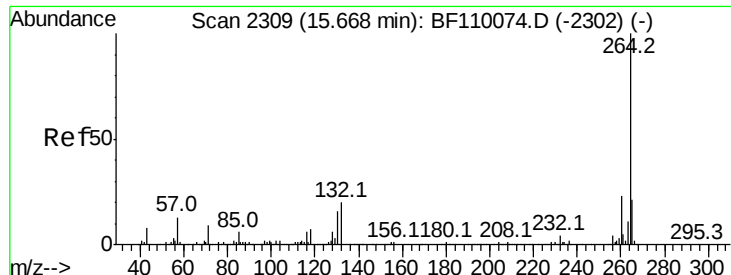


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



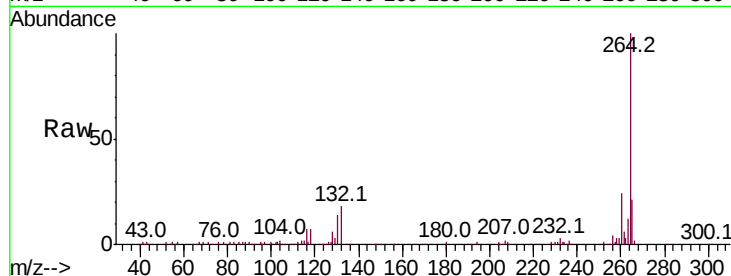


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

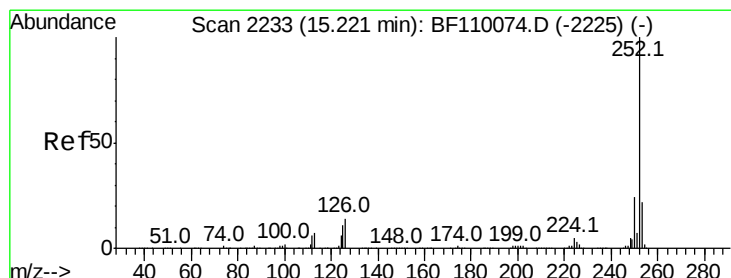
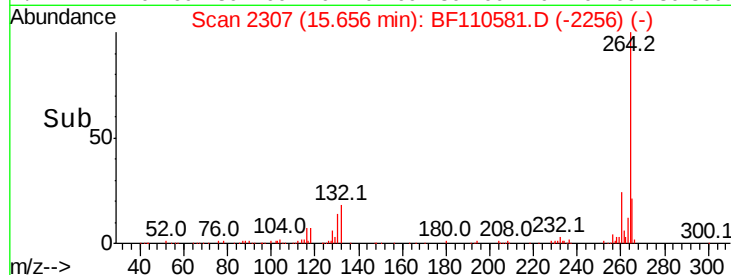
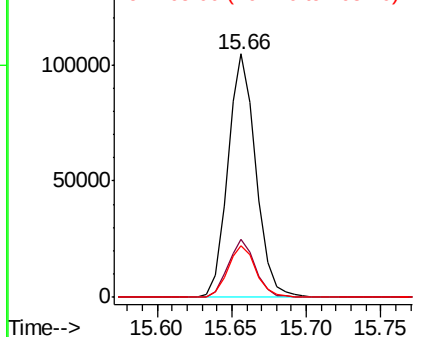
Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 137033

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.1	16.7	25.1



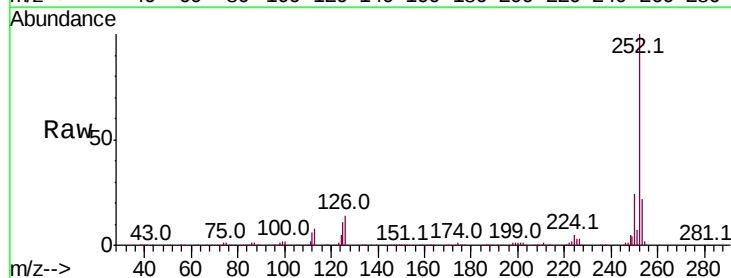
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



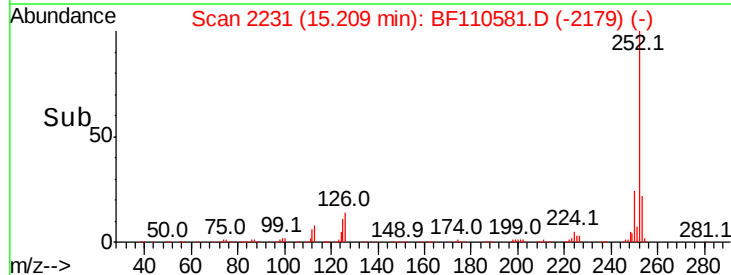
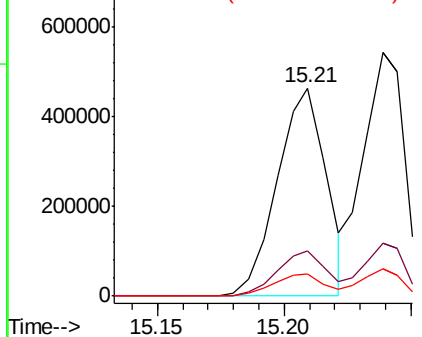
#88
Benzo(b)fluoranthene
Concen: 78.534 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

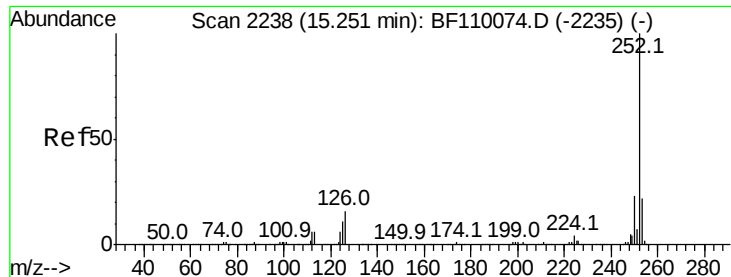
Tgt Ion:252 Resp: 621455

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.7	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

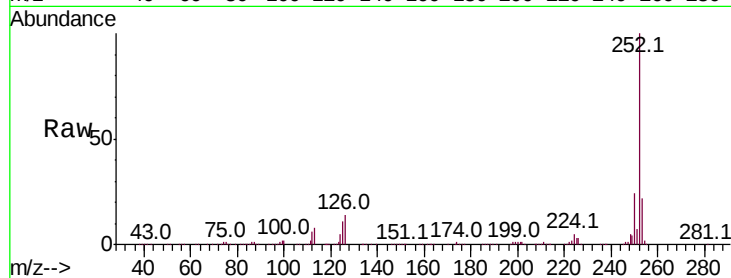




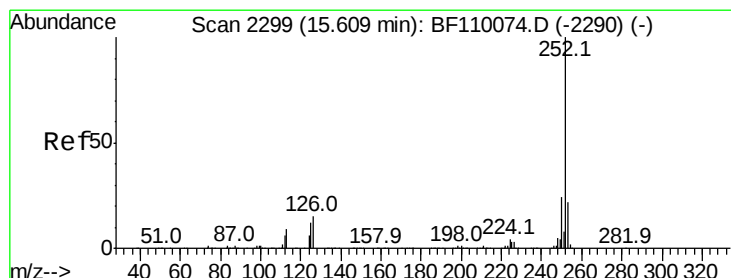
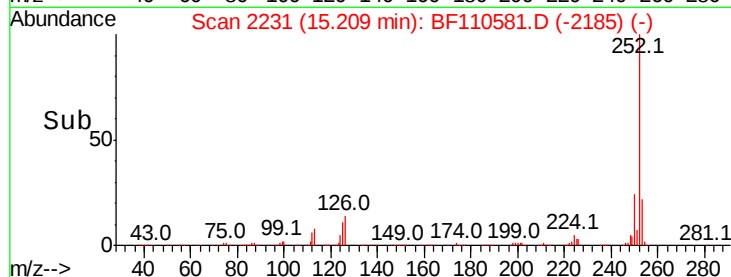
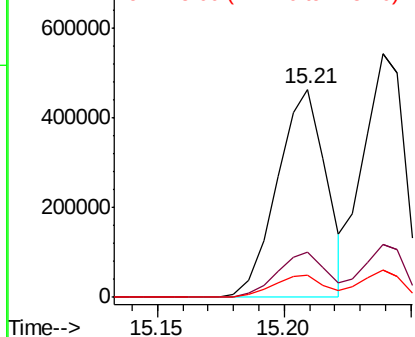
#89
Benzo(k)fluoranthene
Concen: 79.884 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 621455
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 10.7 7.4 11.0

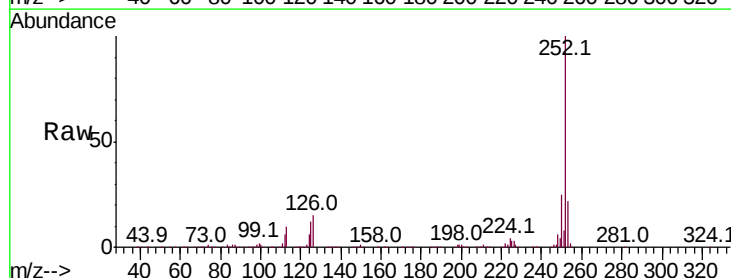


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

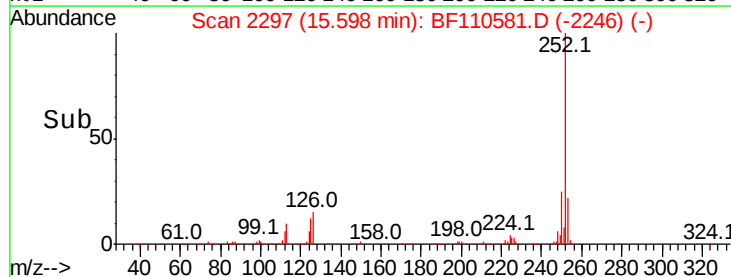
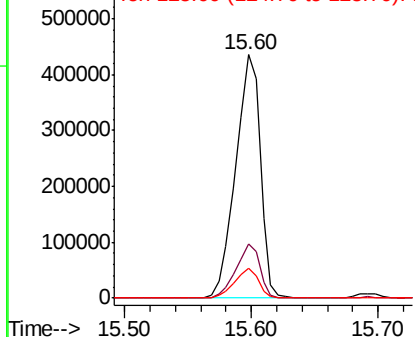


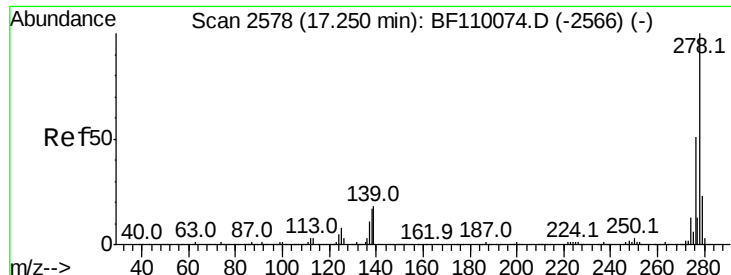
#90
Benzo(a)pyrene
Concen: 80.388 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion:252 Resp: 585340
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 12.1 9.0 13.6



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

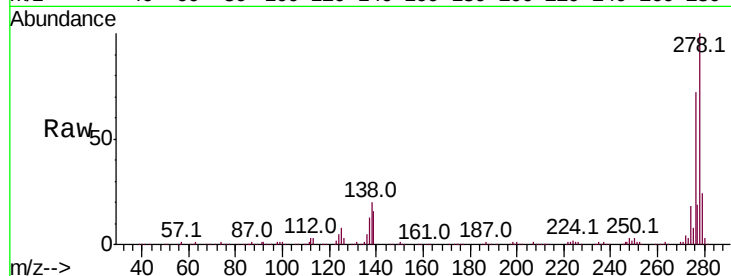




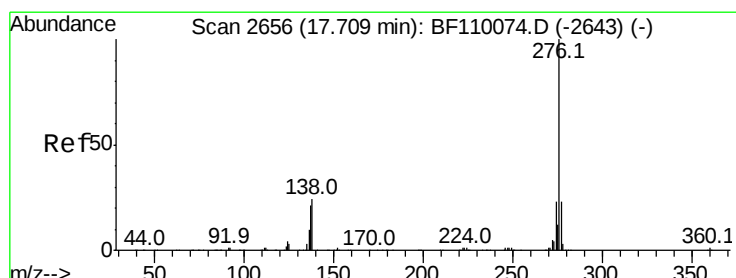
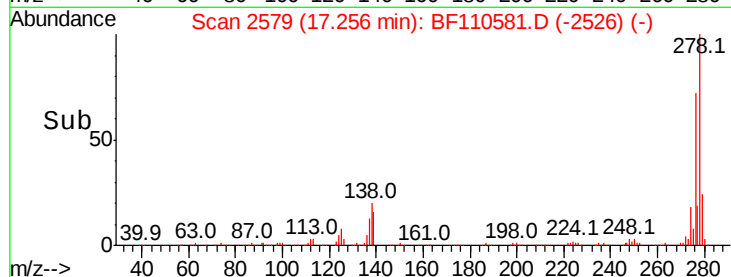
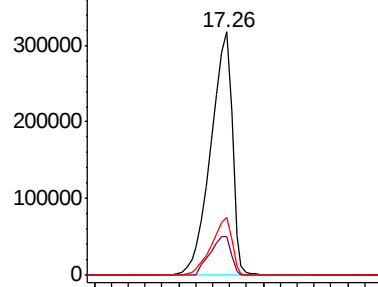
#91
Dibenzo(a,h)anthracene
Concen: 88.361 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 555151
Ion Ratio Lower Upper
278 100
139 15.9 12.7 19.1
279 23.7 19.0 28.4

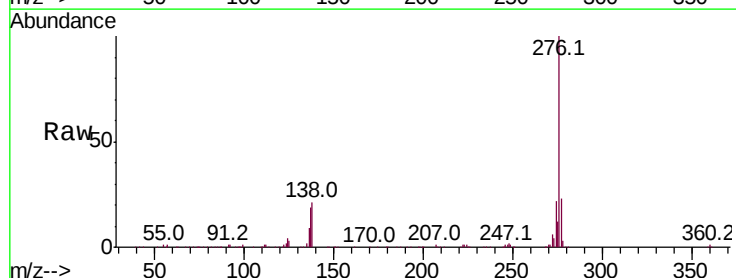


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 92.529 ng
RT: 17.72 min Scan# 2658
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion:276 Resp: 572857
Ion Ratio Lower Upper
276 100
277 23.0 18.8 28.2
138 21.1 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

