

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110258.D
 Acq On : 29 Oct 2018 13:19
 Operator : JU/SJ
 Sample : J5624-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 29 14:22:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 12:32:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	97832	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	376452	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	167101	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	269302	20.00	ng	0.00
76) Chrysene-d12	14.16	240	178366	20.00	ng	0.00
87) Perylene-d12	15.69	264	160228	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	861179	143.35	ng	0.01
7) Phenol-d6	6.60	99	1089269	141.75	ng	0.01
23) Nitrobenzene-d5	7.54	82	691332	108.93	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	229544	138.68	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1197237	112.51	ng	0.00
79) Terphenyl-d14	13.09	244	876957	102.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	93094	29.576	ng	90
3) Pyridine	3.65	79	272729	38.902	ng	# 85
4) n-Nitrosodimethylamine	3.61	42	145120	49.408	ng	91
6) Aniline	6.64	93	324113	32.379	ng	# 53
8) 2-Chlorophenol	6.76	128	316161	45.646	ng	98
9) Benzaldehyde	6.52	77	147241	30.928	ng	97
10) Phenol	6.62	94	530929	64.638	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	291359	43.115	ng	94
12) 1,3-Dichlorobenzene	6.91	146	328509	43.098	ng	99
13) 1,4-Dichlorobenzene	6.99	146	332013	43.068	ng	98
14) 1,2-Dichlorobenzene	7.14	146	312349	43.646	ng	98
15) Benzyl Alcohol	7.11	79	275803	46.666	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	467597	43.277	ng	69
17) 2-Methylphenol	7.22	107	257758	46.695	ng	# 83
18) Hexachloroethane	7.48	117	115438	40.901	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	214073	43.424	ng	97
20) 3+4-Methylphenols	7.37	107	324088	45.421	ng	96
22) Acetophenone	7.38	105	436912	50.369	ng	# 98
24) Nitrobenzene	7.56	77	324109	49.462	ng	92
25) Isophorone	7.79	82	590738	54.602	ng	96
26) 2-Nitrophenol	7.87	139	161642	51.838	ng	93
27) 2,4-Dimethylphenol	7.90	122	290660	56.223	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	377846	51.410	ng	99
29) 2,4-Dichlorophenol	8.11	162	262387	50.237	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	282744	48.329	ng	96
31) Naphthalene	8.27	128	911964	52.562	ng	100
32) Benzoic acid	7.97	122	30710	7.686	ng	94
33) 4-Chloroaniline	8.32	127	217946	27.911	ng	98
34) Hexachlorobutadiene	8.39	225	156264	48.106	ng	99
35) Caprolactam	8.69	113	47677	26.190	ng	91
36) 4-Chloro-3-methylphenol	8.80	107	277111	49.064	ng	93
37) 2-Methylnaphthalene	8.97	142	614025	53.489	ng	99
38) 1-Methylnaphthalene	9.07	142	578019	52.105	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	260137	49.964	ng	98

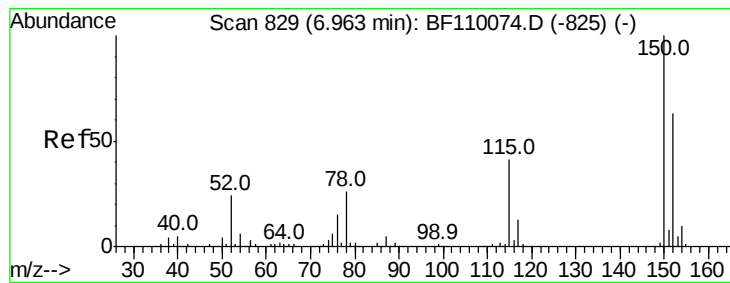
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110258.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 12:32:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	86109	32.344	ng	97
43) 2,4,6-Trichlorophenol	9.25	196	169369	50.435	ng	96
44) 2,4,5-Trichlorophenol	9.29	196	180055	50.724	ng	95
46) 1,1'-Biphenyl	9.43	154	720808	47.701	ng	98
47) 2-Chloronaphthalene	9.46	162	552290	49.826	ng	98
48) 2-Nitroaniline	9.56	65	168219	50.082	ng	90
49) Acenaphthylene	9.88	152	841541	52.565	ng	99
50) Dimethylphthalate	9.73	163	830407	67.321	ng	100
51) 2,6-Dinitrotoluene	9.80	165	134310	50.549	ng	92
52) Acenaphthene	10.05	154	512679	48.407	ng	98
53) 3-Nitroaniline	9.97	138	115987	36.708	ng	88
54) 2,4-Dinitrophenol	10.07	184	26672	28.832	ng	88
55) Dibenzofuran	10.22	168	733091	49.438	ng	98
56) 4-Nitrophenol	10.13	139	276191	118.104	ng	87
57) 2,4-Dinitrotoluene	10.20	165	172875	51.224	ng	# 86
58) Fluorene	10.57	166	576119	52.203	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.29	232	129574	44.784	ng	97
60) Diethylphthalate	10.43	149	620893	51.565	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	274112	47.083	ng	98
62) 4-Nitroaniline	10.59	138	127812	40.671	ng	91
63) Azobenzene	10.72	77	564751	47.252	ng	95
65) 4,6-Dinitro-2-methylphenol	10.61	198	29597	24.055	ng	81
66) n-Nitrosodiphenylamine	10.67	169	492081	55.709	ng	95
67) 4-Bromophenyl-phenylether	11.05	248	156499	53.575	ng	94
68) Hexachlorobenzene	11.12	284	152436	49.182	ng	# 93
69) Atrazine	11.20	200	155535	55.718	ng	99
70) Pentachlorophenol	11.31	266	135388	74.912	ng	96
71) Phenanthrene	11.53	178	961338	68.223	ng	100
72) Anthracene	11.59	178	796404	56.386	ng	99
73) Carbazole	11.74	167	654769	47.479	ng	100
74) Di-n-butylphthalate	12.05	149	851274	54.656	ng	100
75) Fluoranthene	12.73	202	847416	59.256	ng	99
77) Benzidine	12.84	184	203160	37.267	ng	97
78) Pyrene	12.96	202	811206	63.438	ng	98
80) Butylbenzylphthalate	13.56	149	302719	54.542	ng	97
81) Benzo(a)anthracene	14.15	228	646355	61.107	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	176270	47.857	ng	99
83) Chrysene	14.19	228	591945	58.920	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	409731	54.611	ng	98
85) Di-n-octyl phthalate	14.73	149	681704	58.434	ng	# 99
86) Indeno(1,2,3-cd)pyrene	17.27	276	471092	56.523	ng	97
88) Benzo(b)fluoranthene	15.23	252	596360	64.453	ng	98
89) Benzo(k)fluoranthene	15.23	252	596360	65.561	ng	97
90) Benzo(a)pyrene	15.63	252	509813	59.880	ng	98
91) Dibenzo(a,h)anthracene	17.28	278	377487	51.385	ng	98
92) Benzo(g,h,i)perylene	17.74	276	382267	52.806	ng	97

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

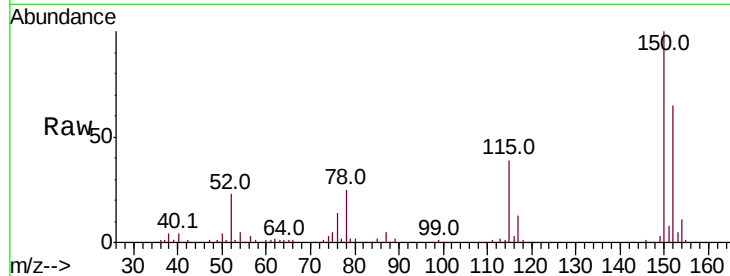


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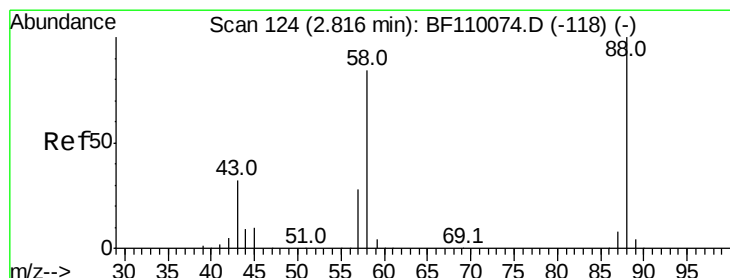
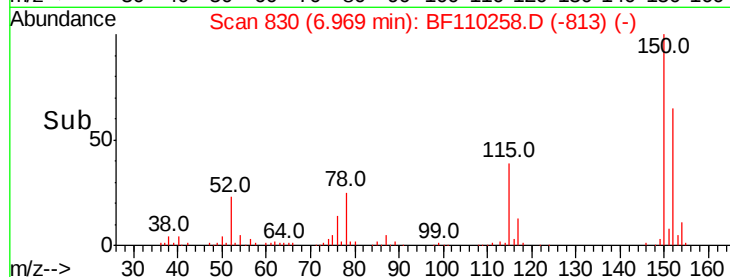
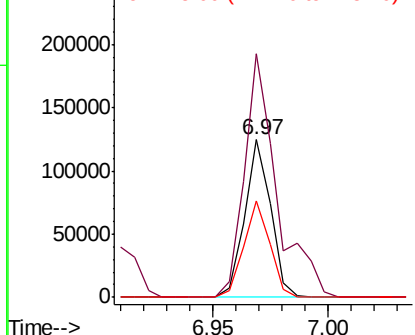
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 97832
Ion Ratio Lower Upper
152 100
150 154.6 122.7 184.1
115 60.9 49.1 73.7



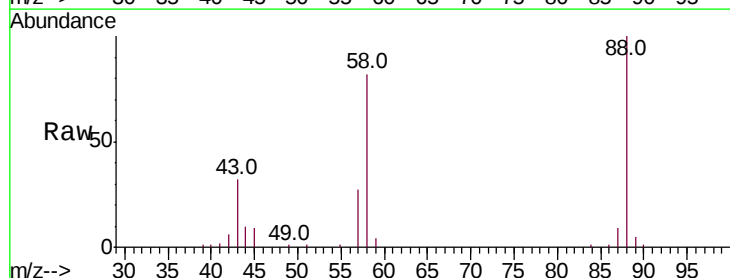
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



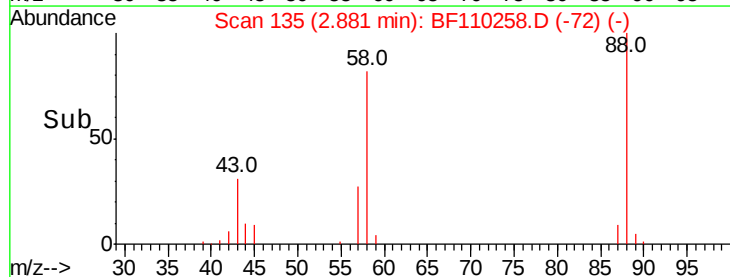
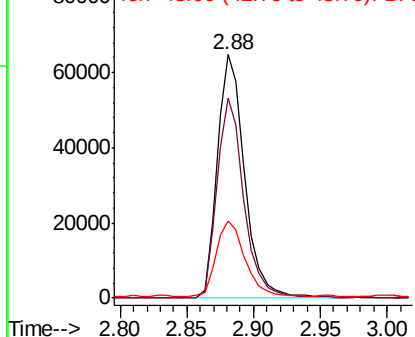
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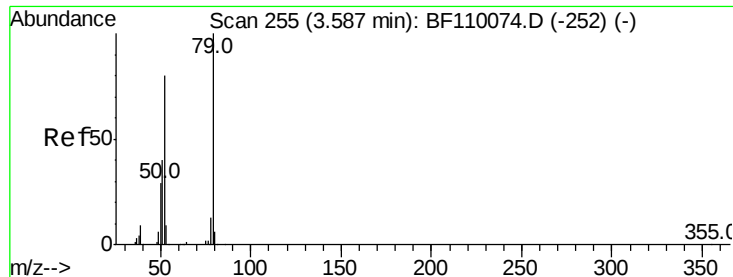
1,4-Dioxane
Concen: 29.576 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.07 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion: 88 Resp: 93094
Ion Ratio Lower Upper
88 100
58 81.4 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: 38.902 ng

RT: 3.65 min Scan# 266

Delta R.T. 0.06 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

ClientSampled :

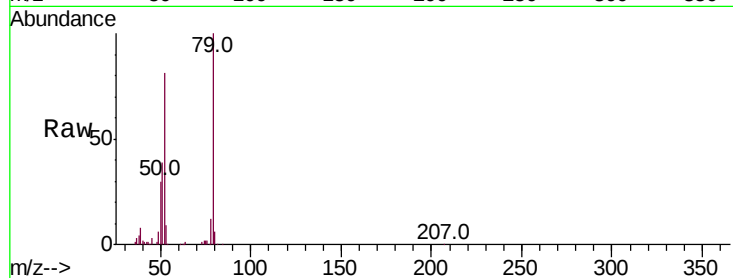
Tot Ion: 79 Resp: 272729

Ion Ratio Lower Upper

79 100

52 81.5 53.1 79.7#

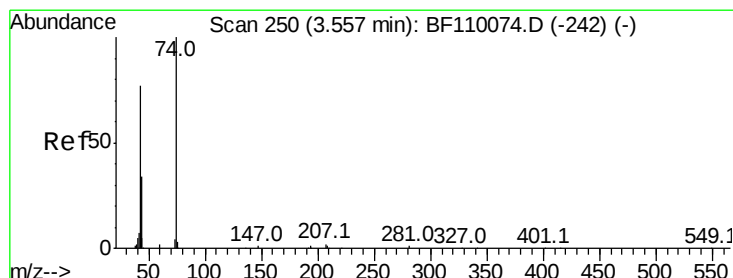
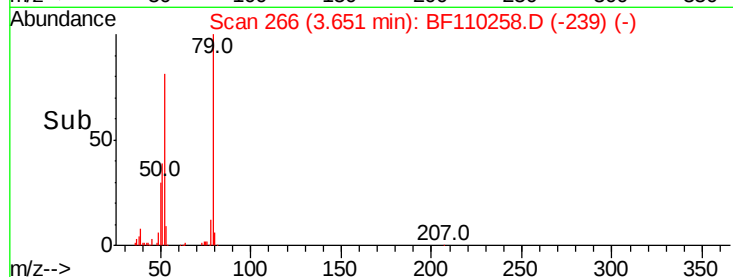
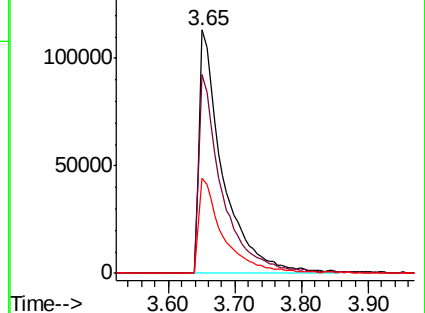
51 39.1 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 49.408 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.06 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

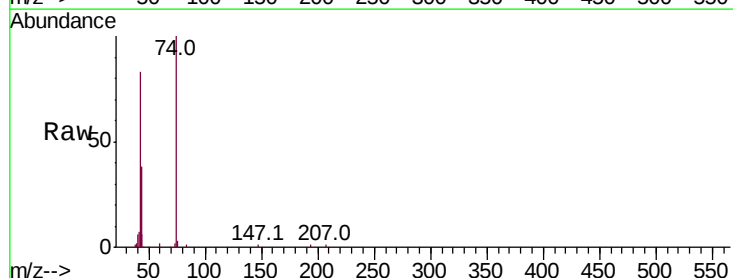
Tgt Ion: 42 Resp: 145120

Ion Ratio Lower Upper

42 100

74 120.4 105.5 158.3

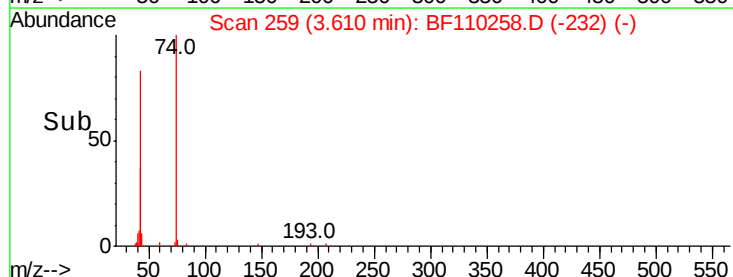
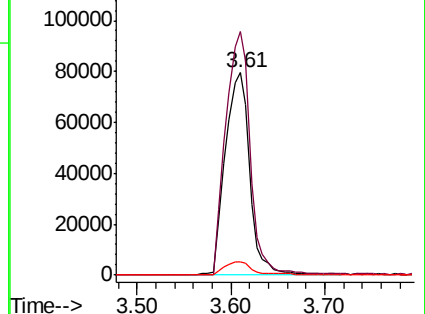
44 6.8 4.9 7.3

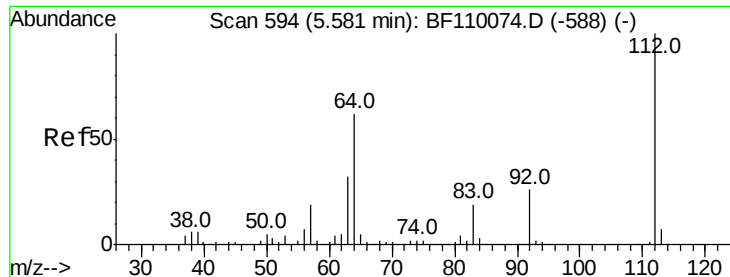


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

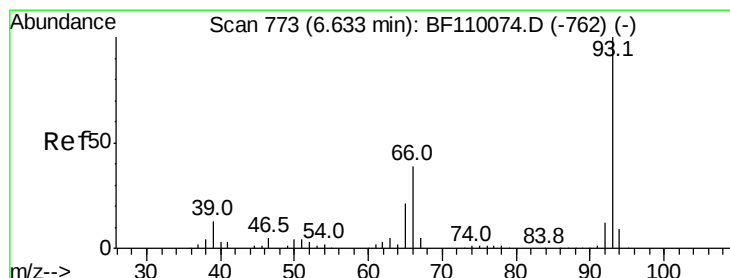
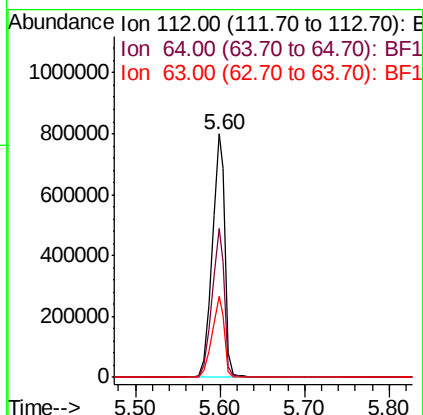
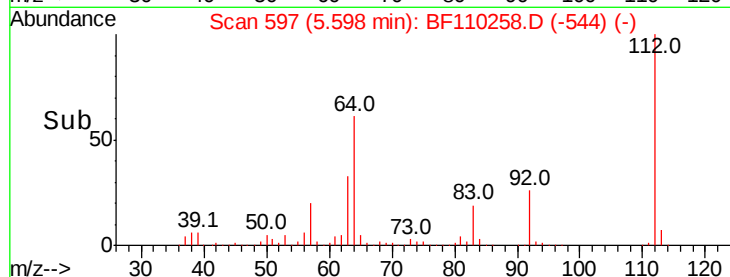
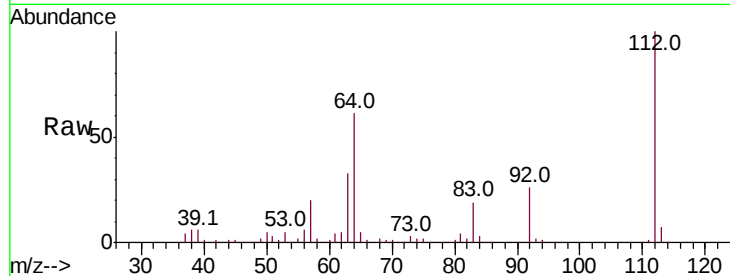




#5
 2-Fluorophenol
 Concen: 143.347 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.01 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

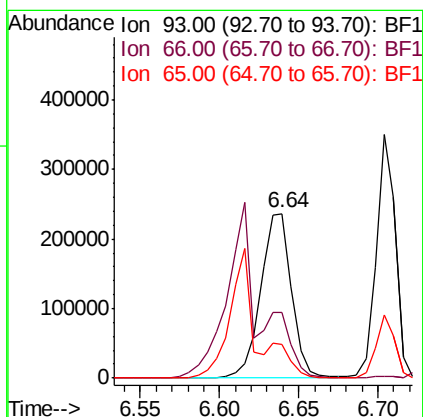
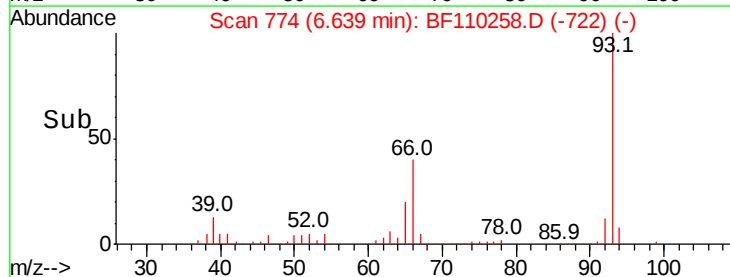
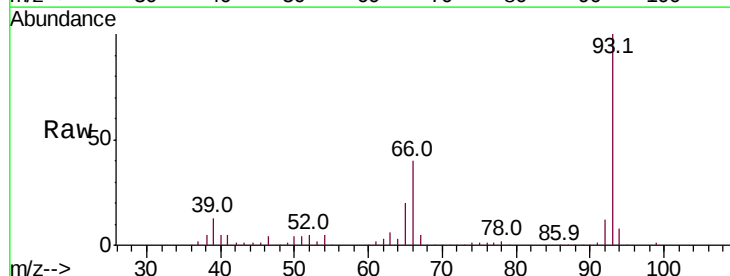
Instrument :
 BNA_F
 ClientSampled :

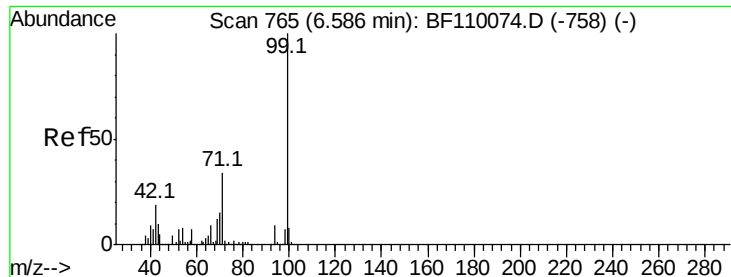
Tot Ion: 112 Resp: 861179
 Ion Ratio Lower Upper
 112 100
 64 61.2 44.1 66.1
 63 33.2 23.7 35.5



#6
 Aniline
 Concen: 32.379 ng
 RT: 6.64 min Scan# 774
 Delta R.T. 0.01 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Tgt Ion: 93 Resp: 324113
 Ion Ratio Lower Upper
 93 100
 66 40.2 67.4 101.0#
 65 20.1 41.0 61.4#





#7

Phenol-d6

Concen: 141.753 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

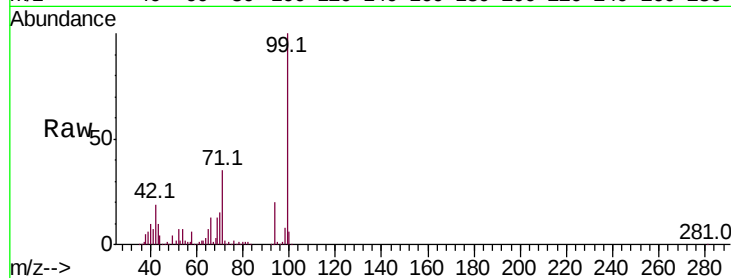
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1089269

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.8	23.6
71	34.6	28.0	42.0

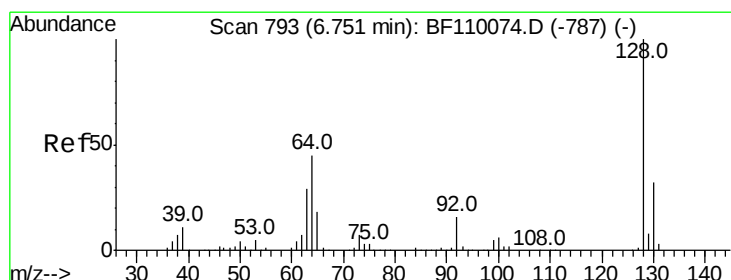
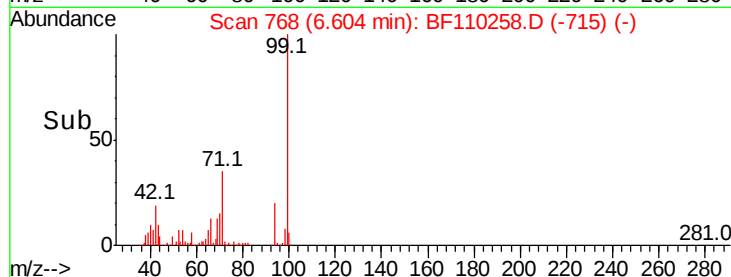
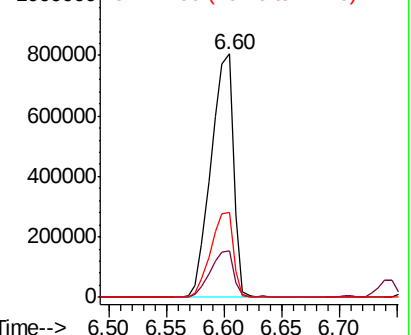


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.646 ng

RT: 6.76 min Scan# 794

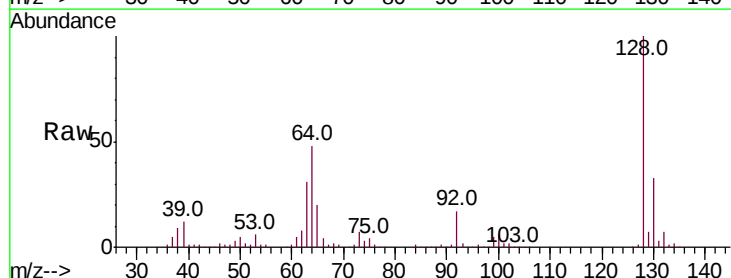
Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Tgt Ion: 128 Resp: 316161

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.1	53.1
64	48.3	26.0	66.0

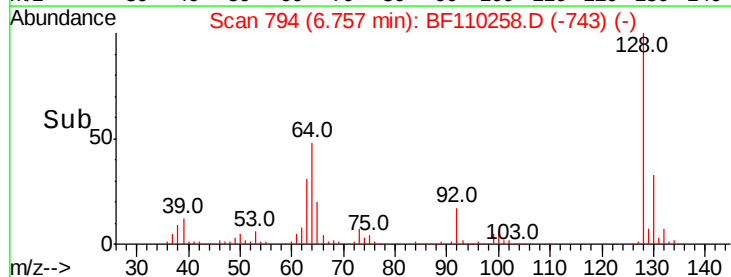
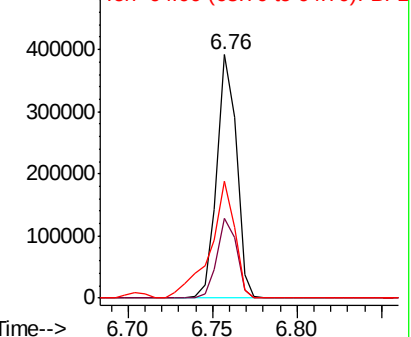


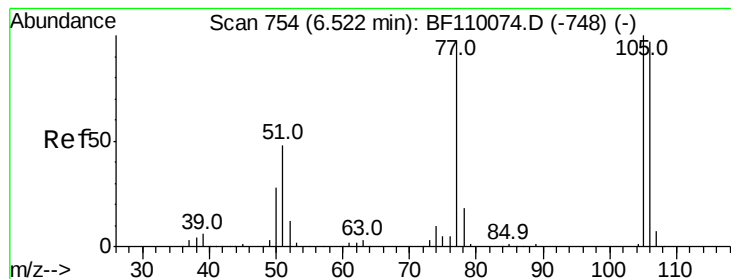
Abundance

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: 30.928 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

ClientSampled :

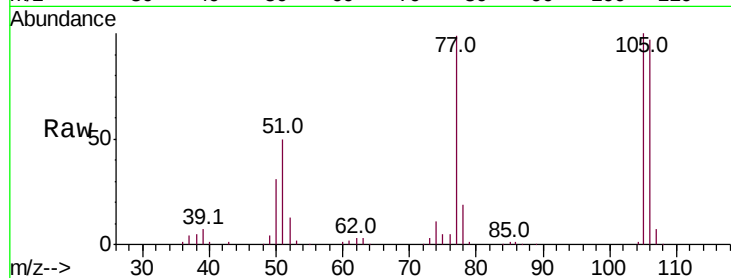
Tot Ion: 77 Resp: 147241

Ion Ratio Lower Upper

77 100

105 100.9 78.6 118.6

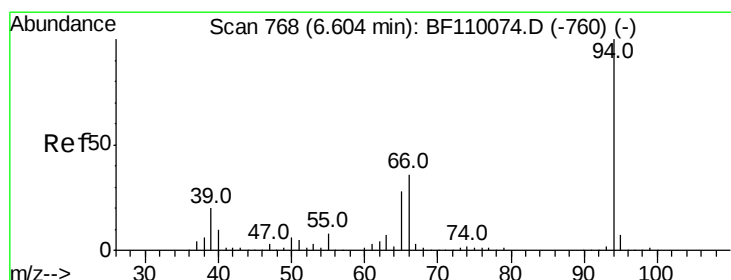
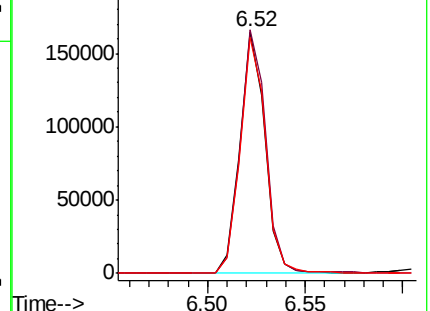
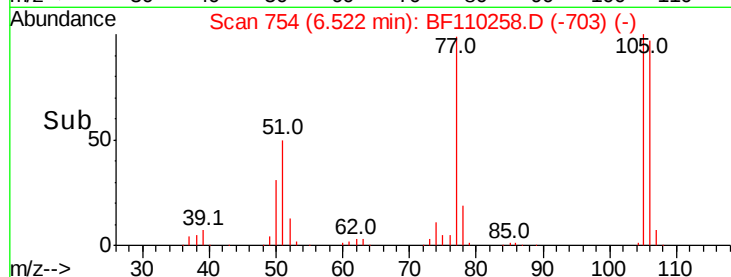
106 97.9 74.8 114.8



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: 64.638 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

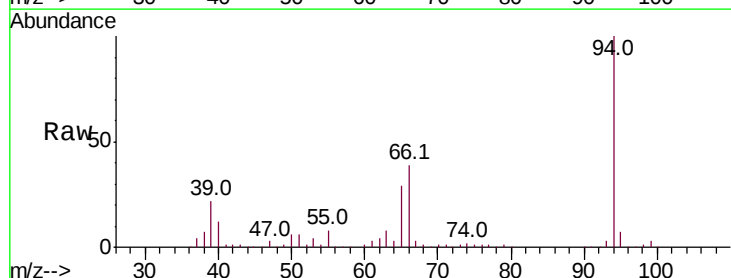
Tgt Ion: 94 Resp: 530929

Ion Ratio Lower Upper

94 100

65 29.0 25.3 65.3

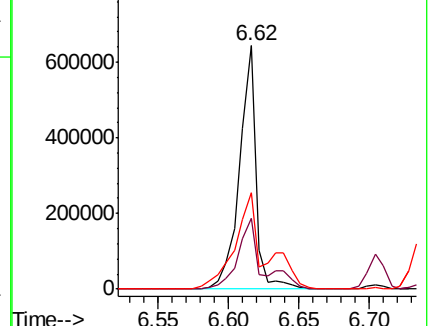
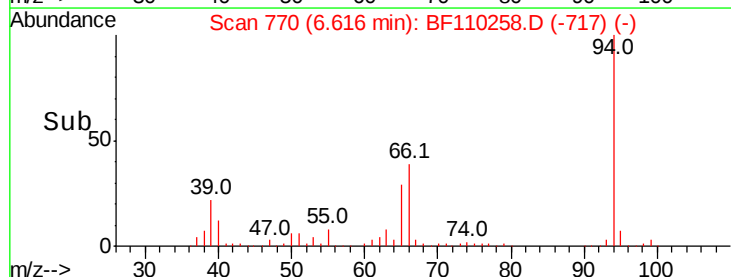
66 39.3 54.5 94.5#

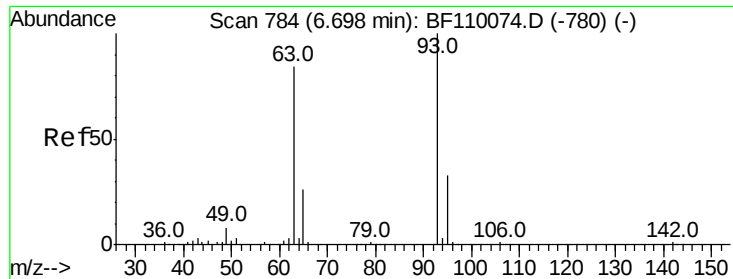


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

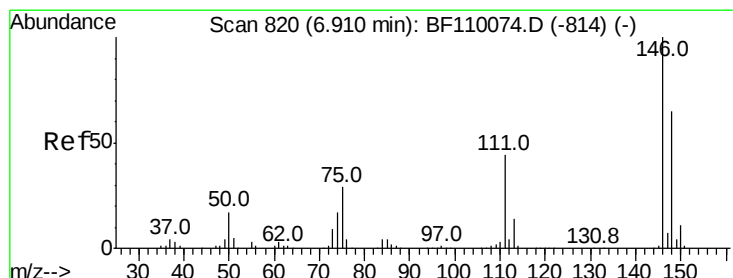
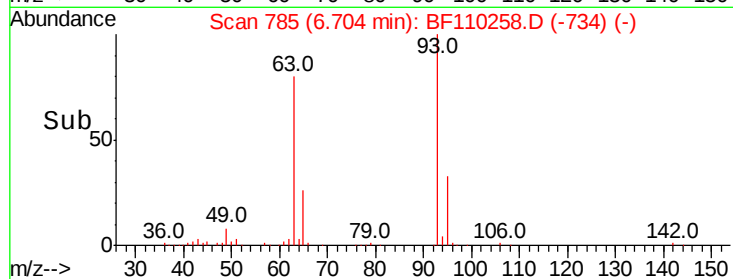
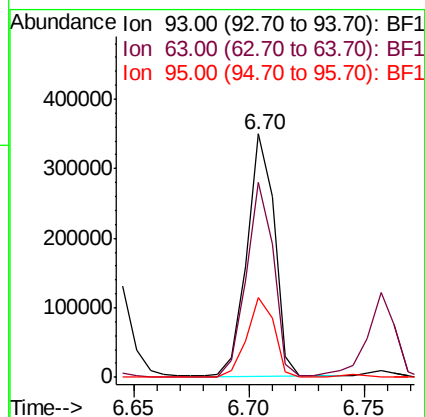
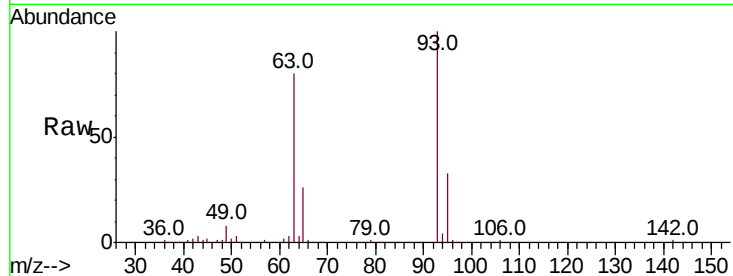




#11
bis(2-Chloroethyl)ether
Concen: 43.115 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

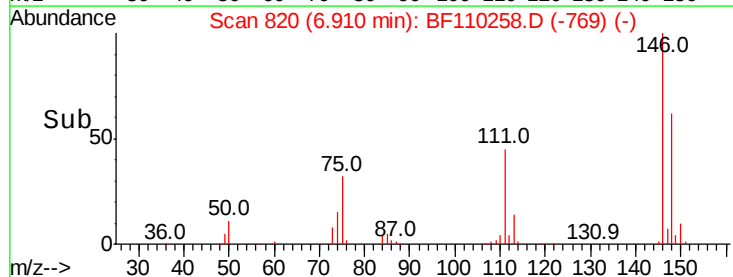
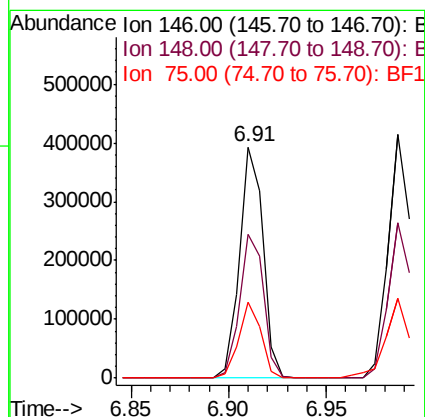
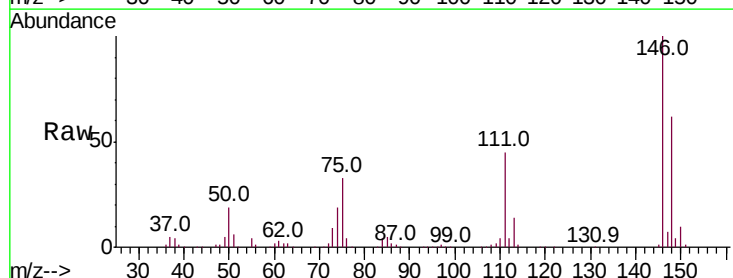
Instrument :
BNA_F
ClientSampleId :

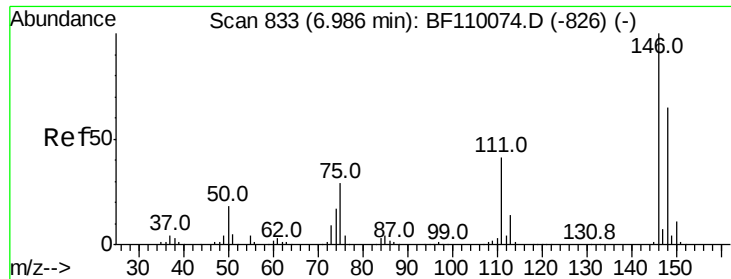
Tot Ion: 93 Resp: 291359
Ion Ratio Lower Upper
93 100
63 80.0 53.4 93.4
95 32.8 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 43.098 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion: 146 Resp: 328509
Ion Ratio Lower Upper
146 100
148 62.2 50.4 75.6
75 33.0 25.8 38.6

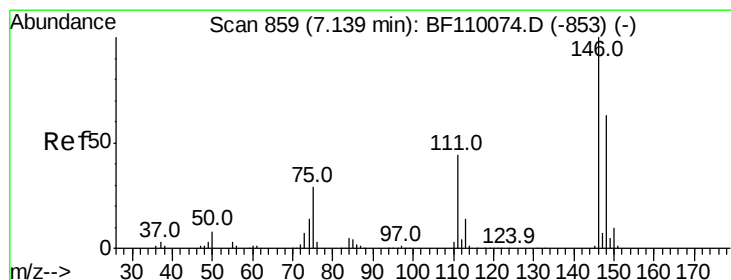
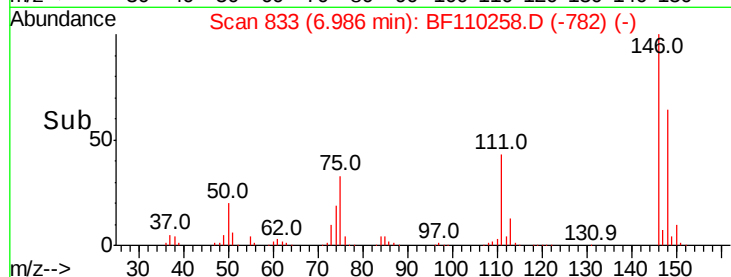
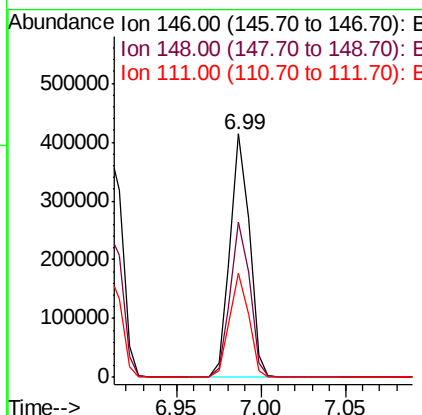
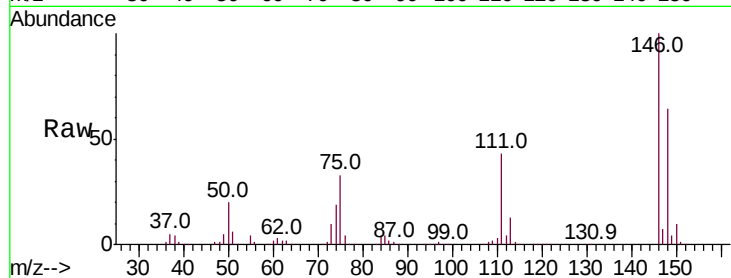




#13
 1,4-Dichlorobenzene
 Concen: 43.068 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

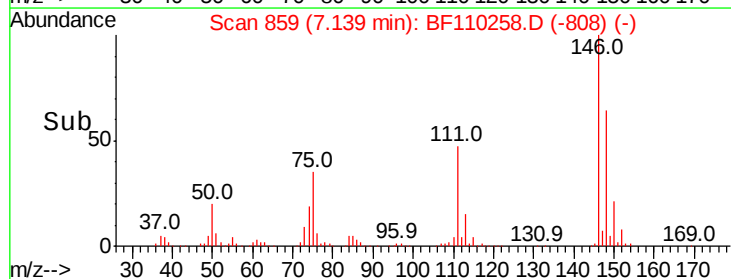
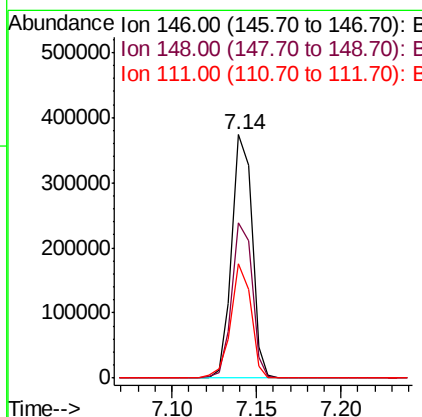
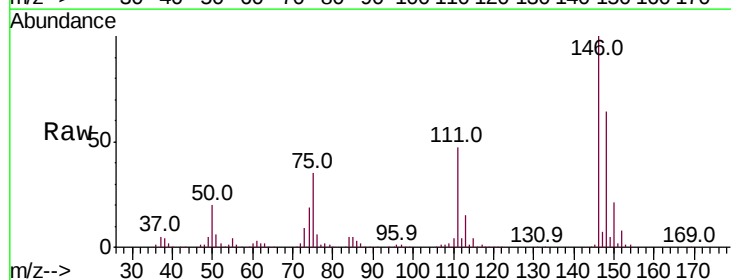
Instrument :
 BNA_F
 ClientSampleId :

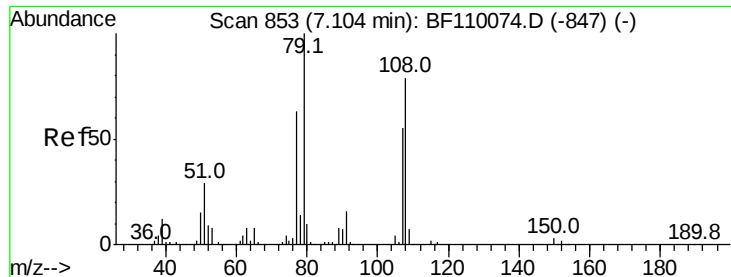
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	42.9	32.7	49.1



#14
 1,2-Dichlorobenzene
 Concen: 43.646 ng
 RT: 7.14 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	46.9	35.8	53.6





#15

Benzyl Alcohol

Concen: 46.666 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

ClientSampleId :

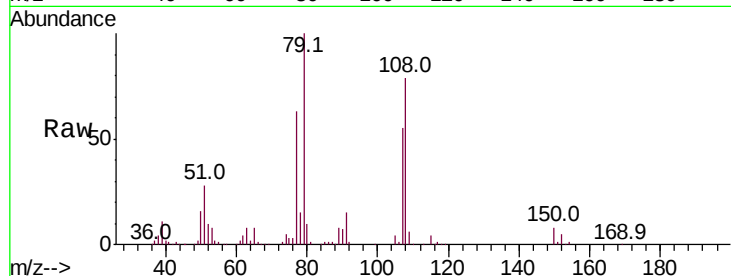
Tot Ion: 79 Resp: 275803

Ion Ratio Lower Upper

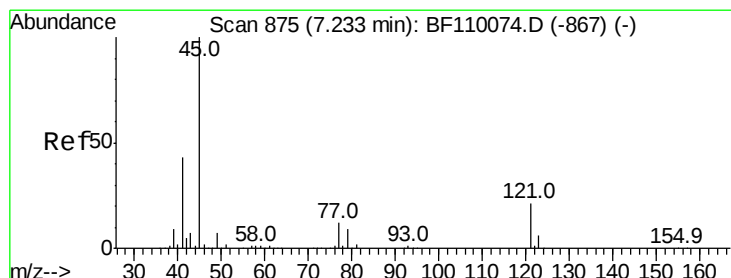
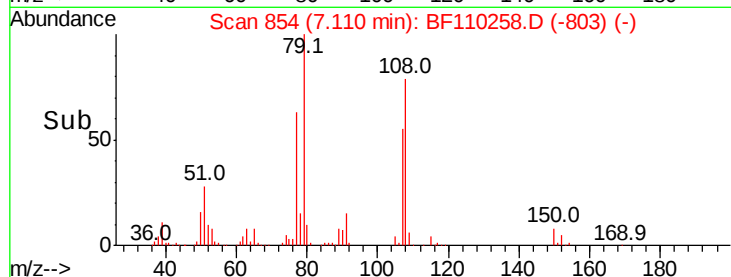
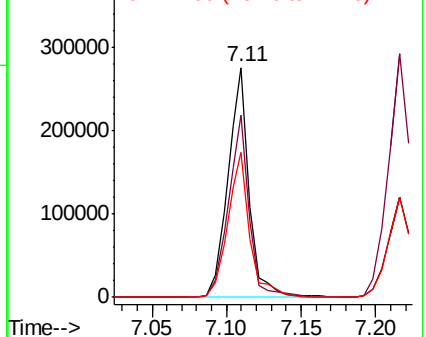
79 100

108 79.3 56.3 84.5

77 63.0 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.277 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

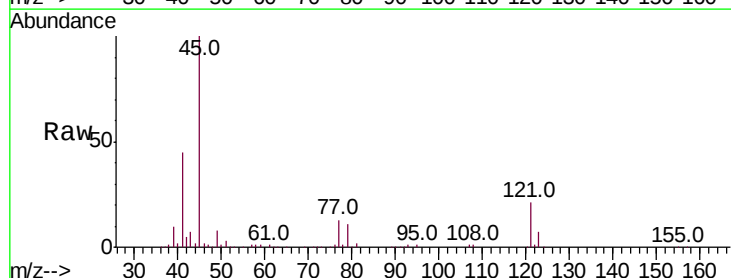
Tgt Ion: 45 Resp: 467597

Ion Ratio Lower Upper

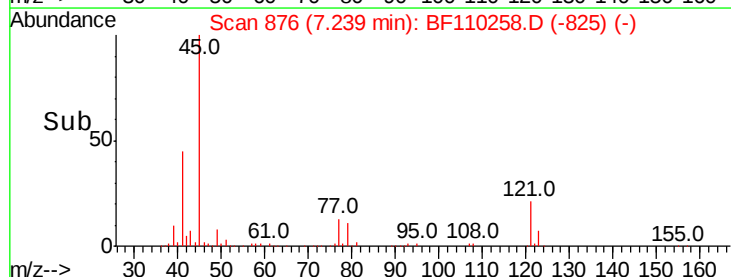
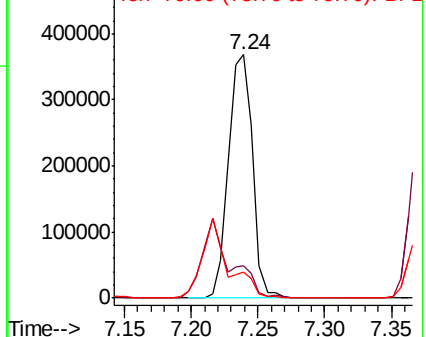
45 100

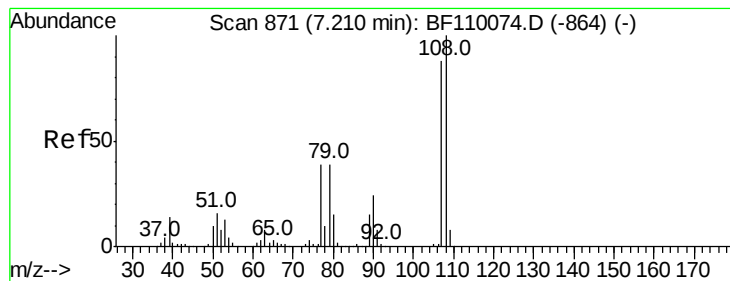
77 13.4 10.0 50.0

79 10.5 6.1 46.1



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

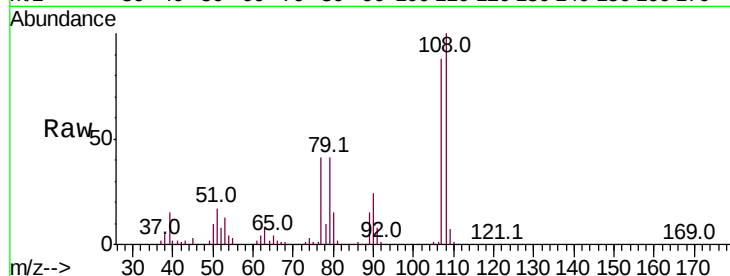




#17
2-Methylphenol
Concen: 46.695 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	92.6	138.8
77	46.7	59.4	89.2#
79	46.5	54.0	81.0#



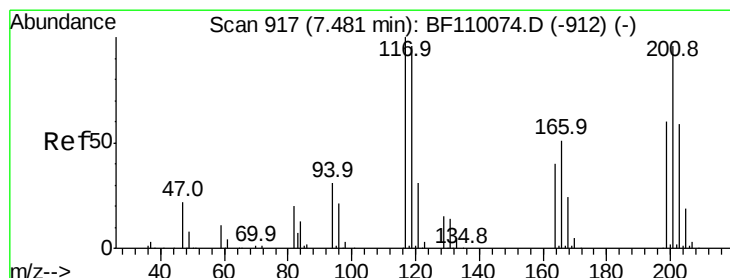
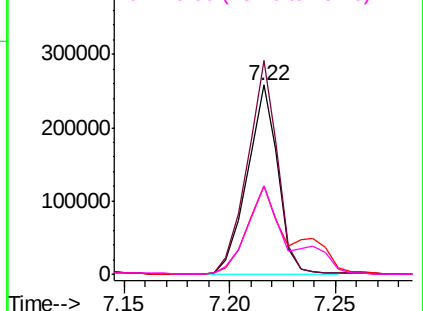
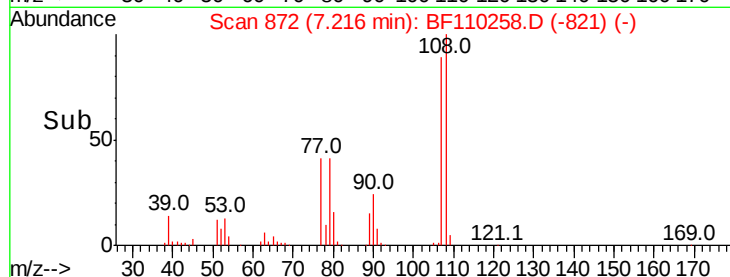
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

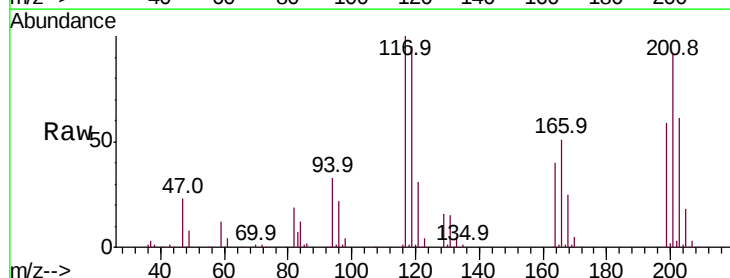
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.901 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.0	112.6
201	92.4	79.2	118.8

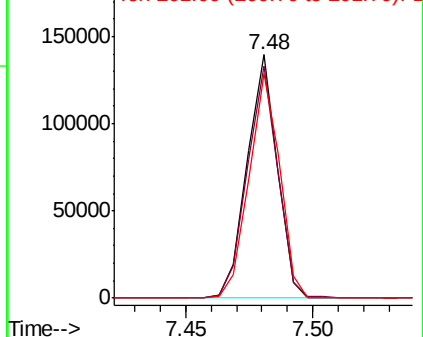
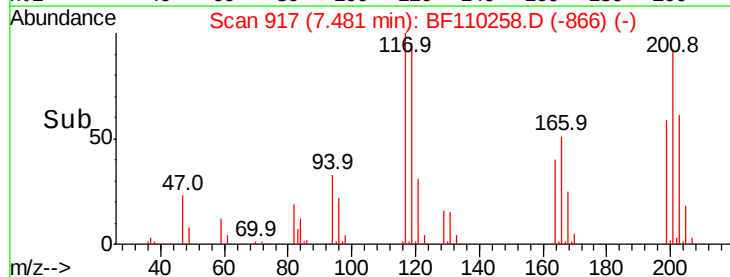


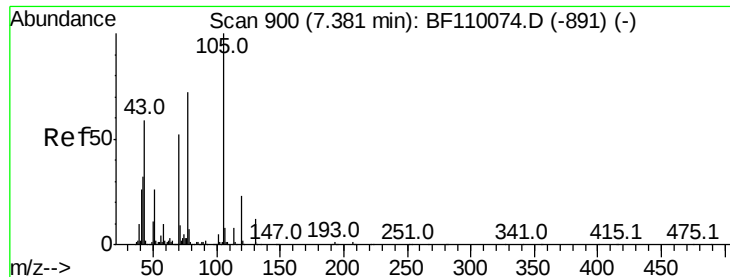
Abundance

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

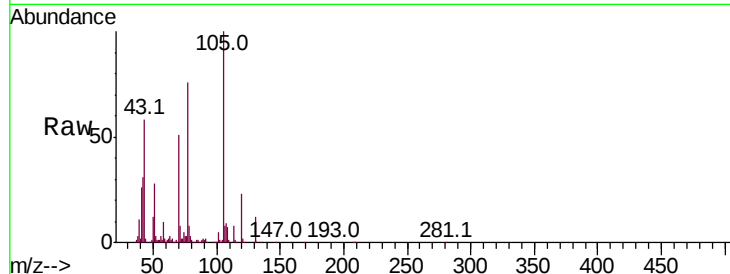




#19
n-Nitroso-di-n-propylamine
Concen: 43.424 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	214073
Ion	Ratio	Lower	Upper
70	100		
42	60.8	47.4	71.2
101	10.4	7.3	10.9
130	23.0	16.2	24.2



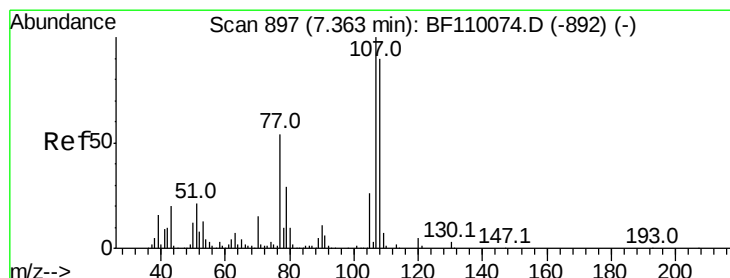
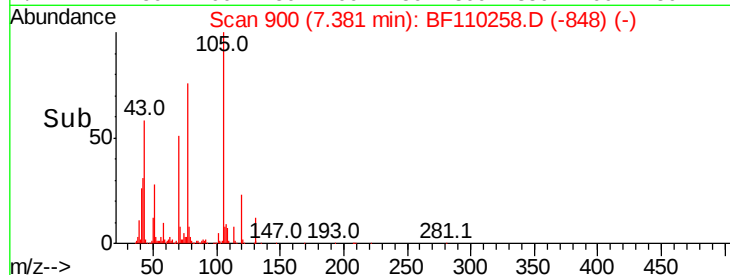
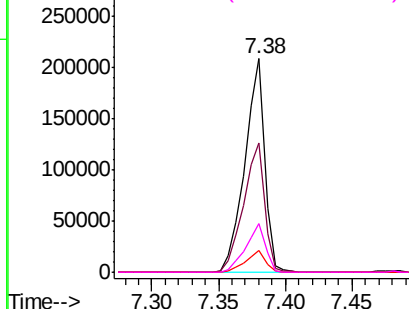
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

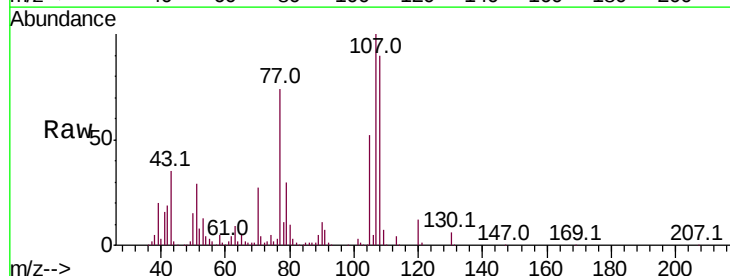
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 45.421 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion:	107	Resp:	324088
Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.4	111.4
77	74.2	47.3	87.3
79	29.6	10.9	50.9



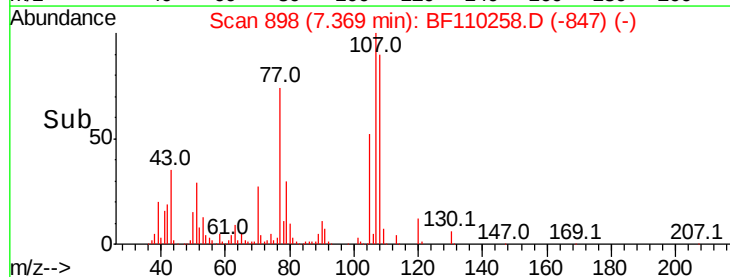
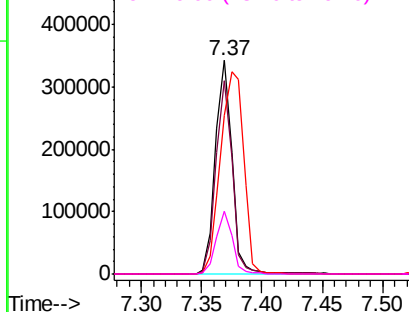
Abundance

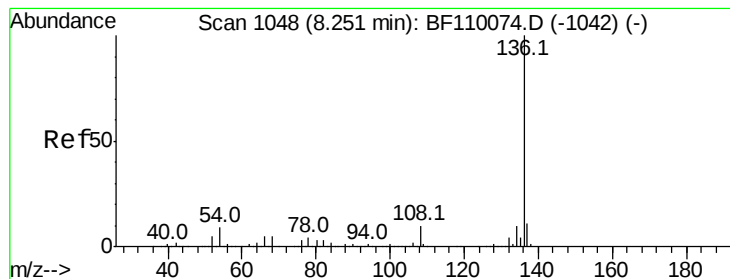
Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

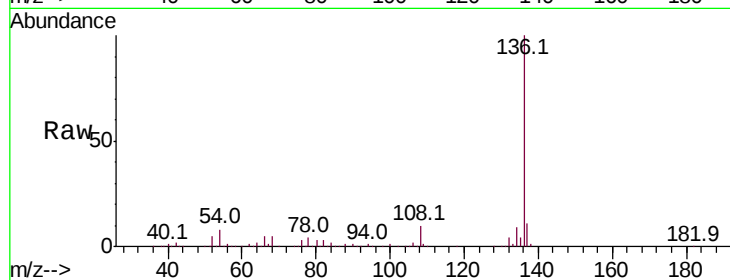
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 376452

Ion Ratio Lower Upper

136	100		
137	11.1	8.8	13.2
54	8.3	5.4	8.2#
68	5.3	4.2	6.2



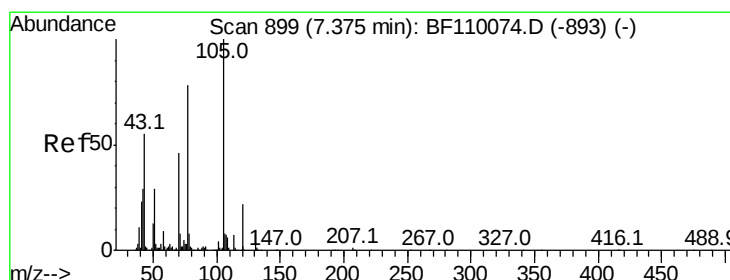
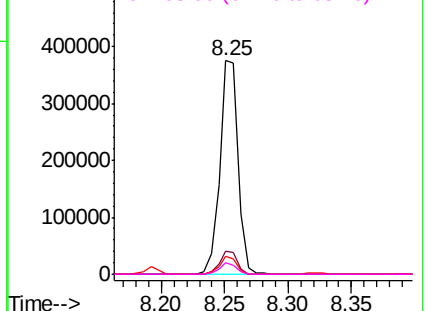
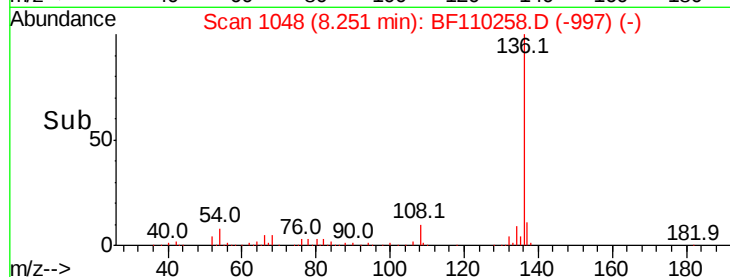
Abundance

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: 50.369 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

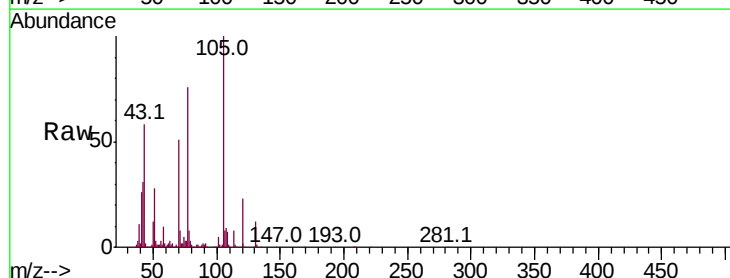
Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Tgt Ion:105 Resp: 436912

Ion Ratio Lower Upper

105	100		
71	8.2	5.2	7.8#
51	27.8	21.8	32.8
120	22.6	17.0	25.4



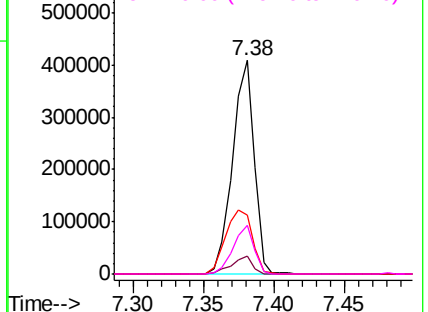
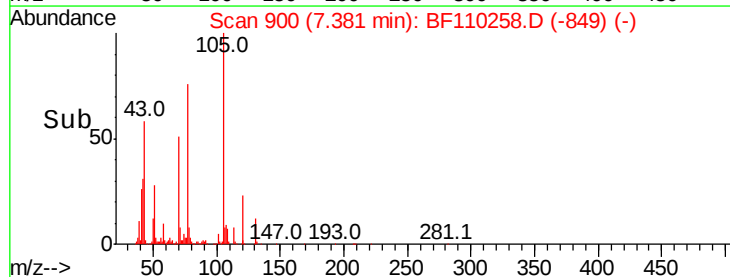
Abundance

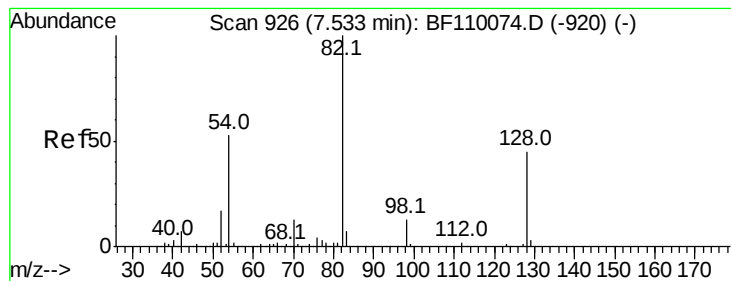
Ion 105.00 (104.70 to 105.70): E

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: 108.925 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

ClientSampled :

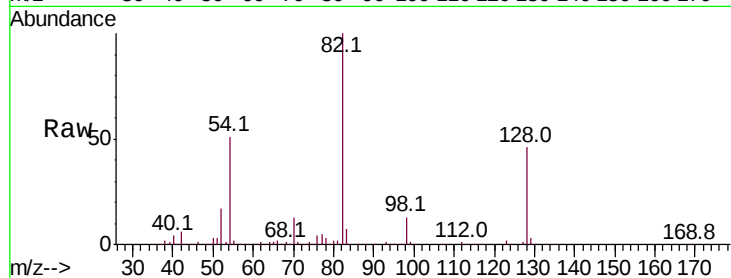
Tot Ion: 82 Resp: 691332

Ion Ratio Lower Upper

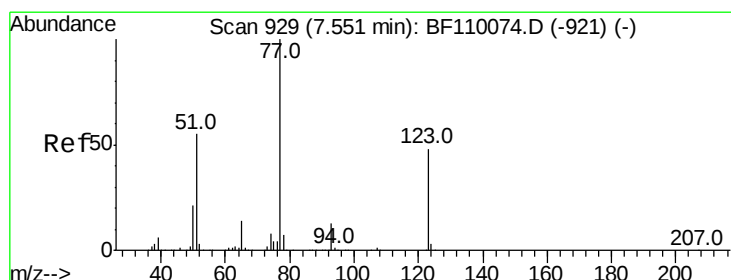
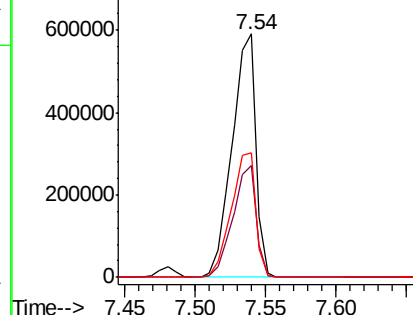
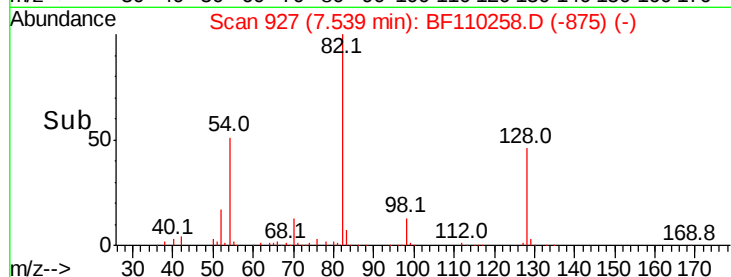
82 100

128 46.1 34.2 51.2

54 51.0 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: 49.462 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

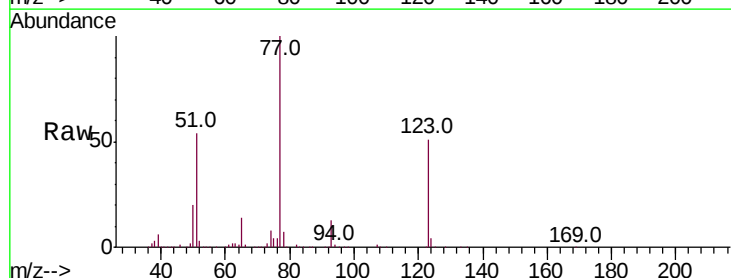
Tgt Ion: 77 Resp: 324109

Ion Ratio Lower Upper

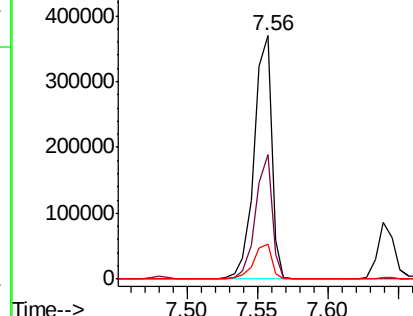
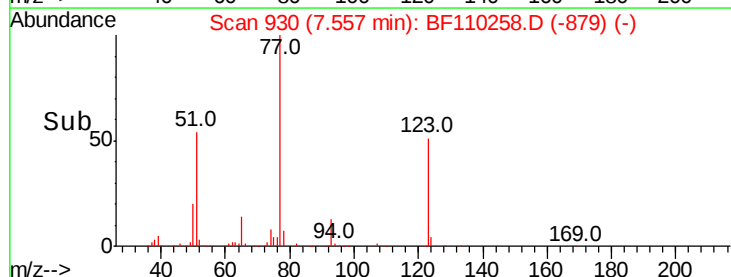
77 100

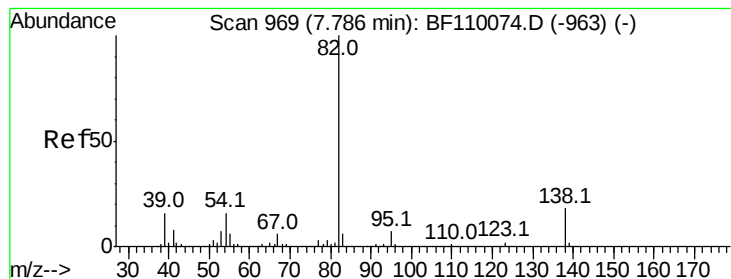
123 51.2 35.7 53.5

65 14.3 10.7 16.1



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





#25

Isophorone

Concen: 54.602 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

ClientSampleId :

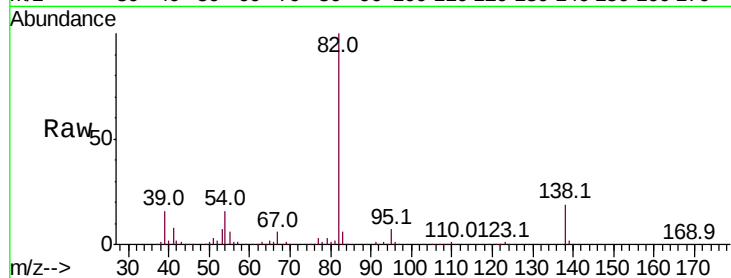
Tot Ion: 82 Resp: 590738

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

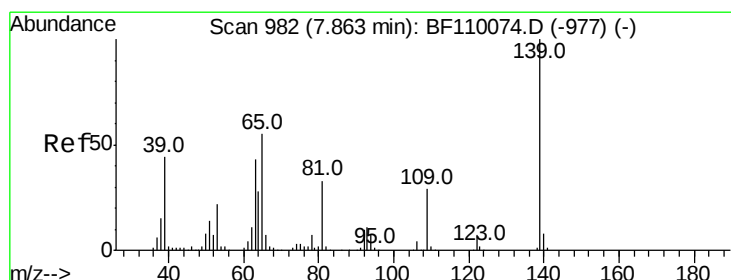
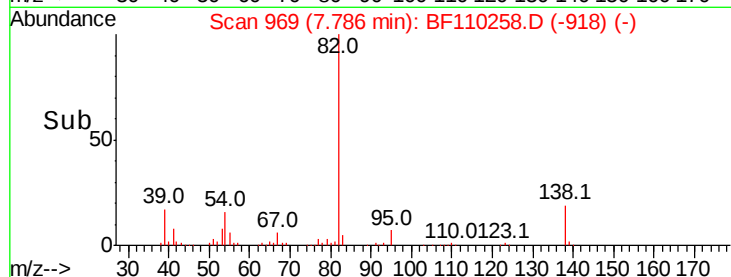
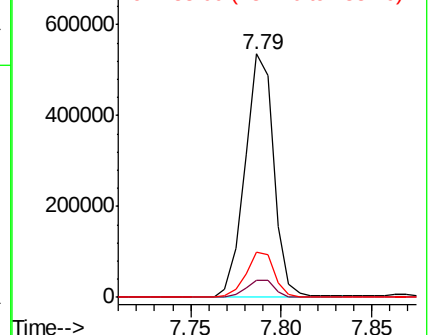
138 18.7 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.838 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

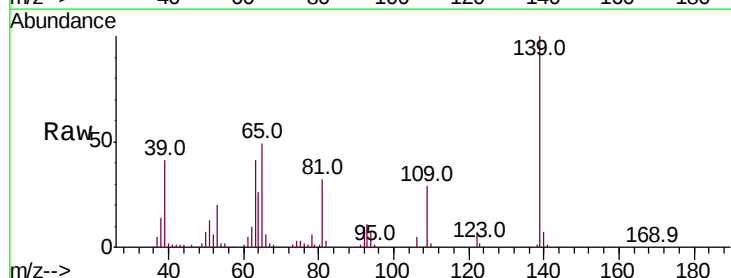
Tgt Ion: 139 Resp: 161642

Ion Ratio Lower Upper

139 100

109 29.1 25.0 37.6

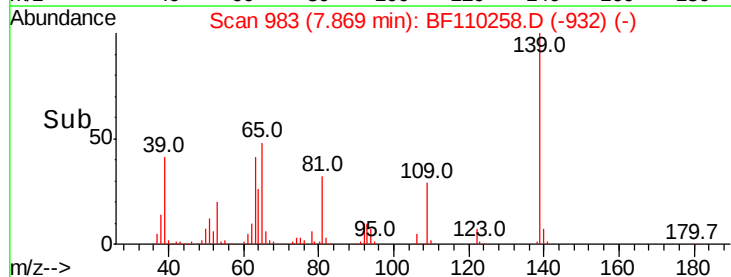
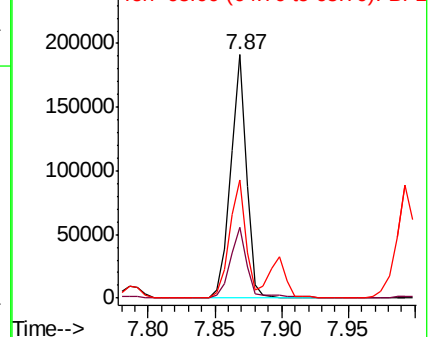
65 48.7 44.0 66.0

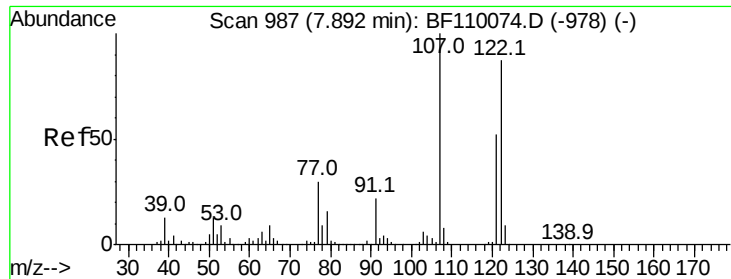


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

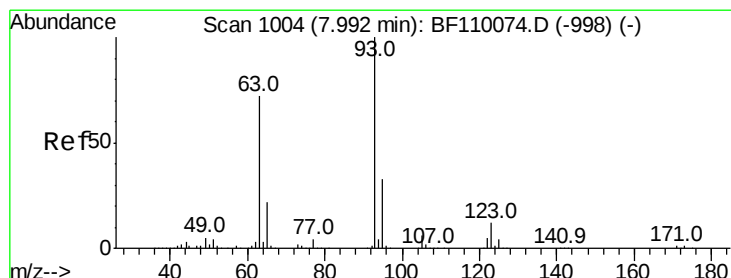
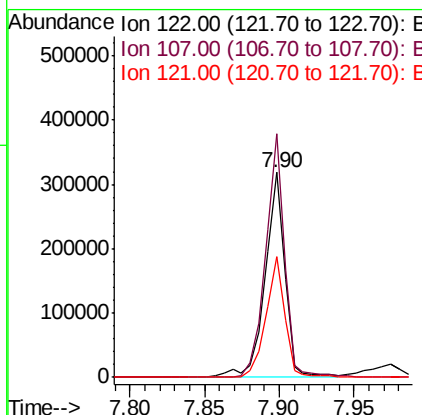
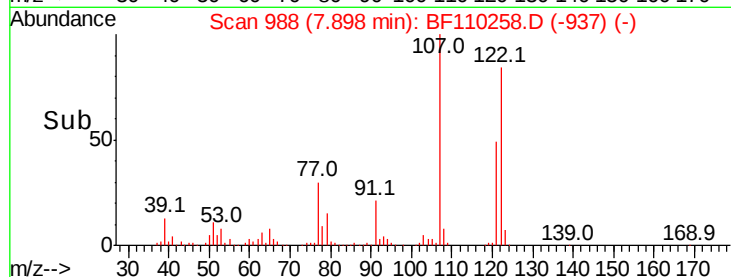
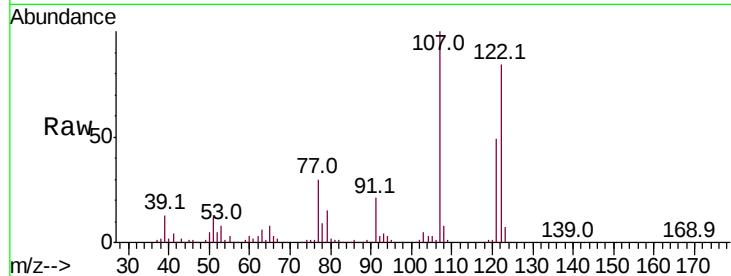




#27
2,4-Dimethylphenol
Concen: 56.223 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

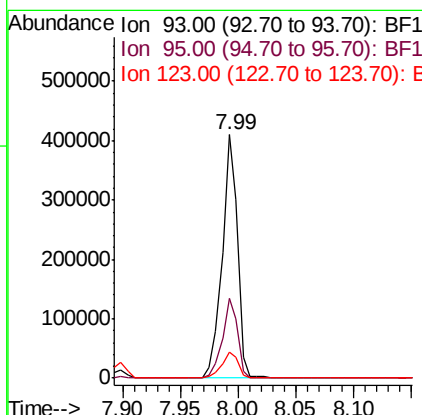
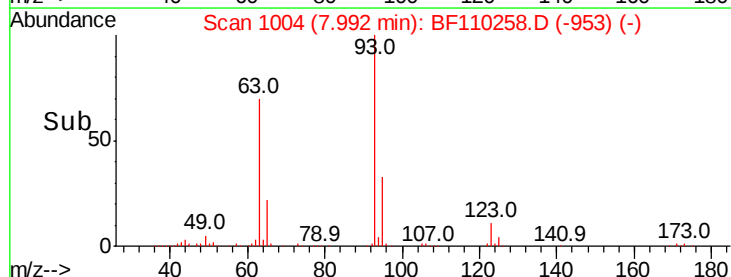
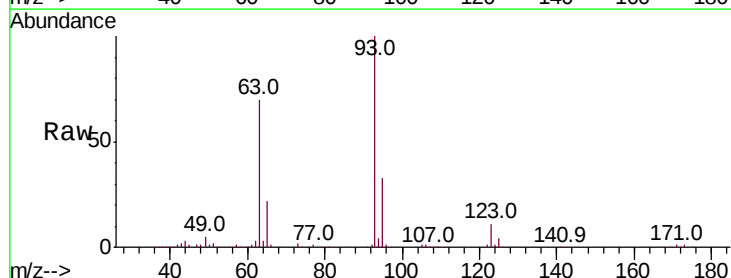
Instrument :
BNA_F
ClientSampleId :

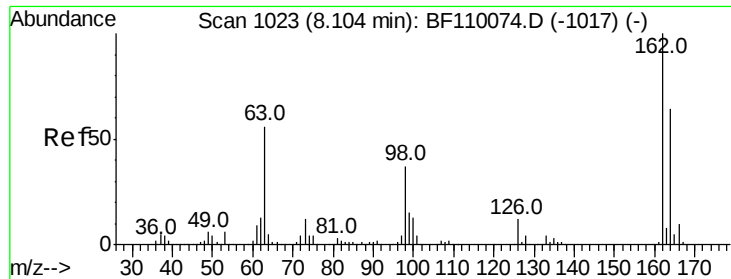
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.7	92.5	138.7
121	58.7	45.8	68.8



#28
bis(2-Chloroethoxy)methane
Concen: 51.410 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	10.8	9.0	13.6

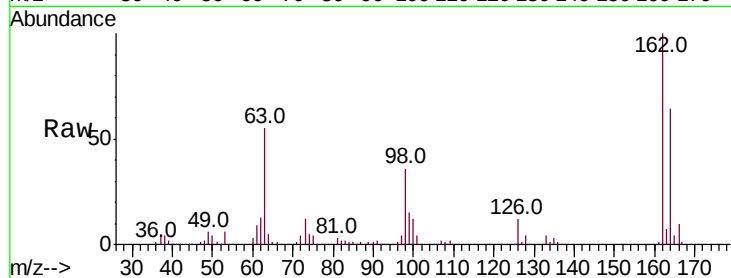




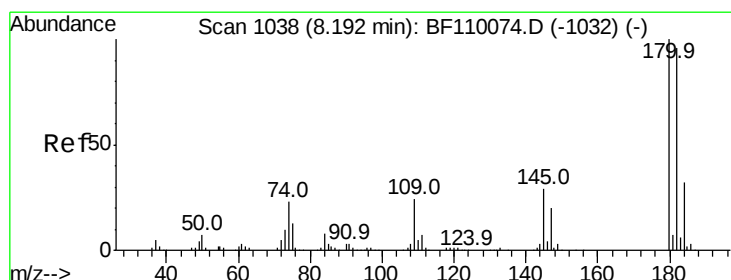
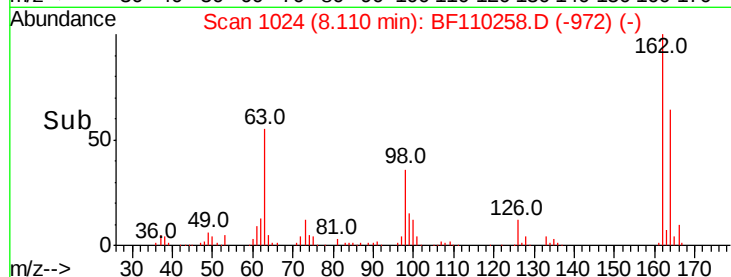
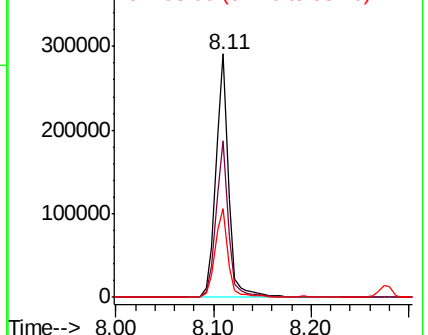
#29
 2,4-Dichlorophenol
 Concen: 50.237 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	36.5	17.4	57.4

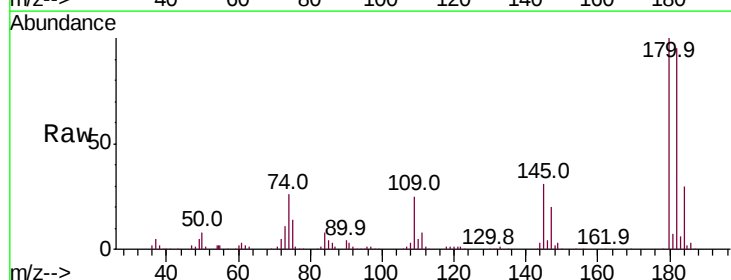


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

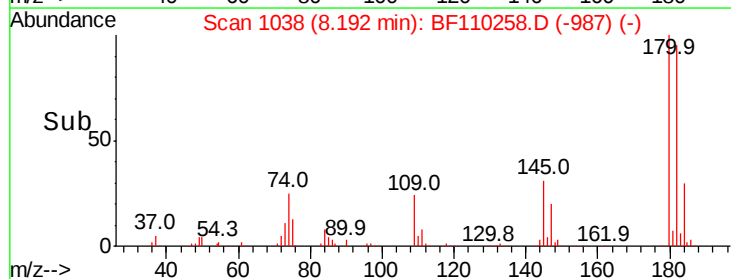
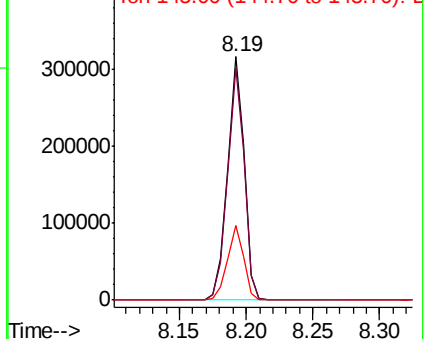


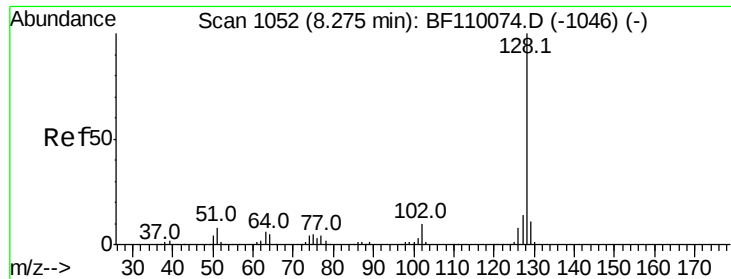
#30
 1,2,4-Trichlorobenzene
 Concen: 48.329 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	80.3	120.5
145	30.5	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

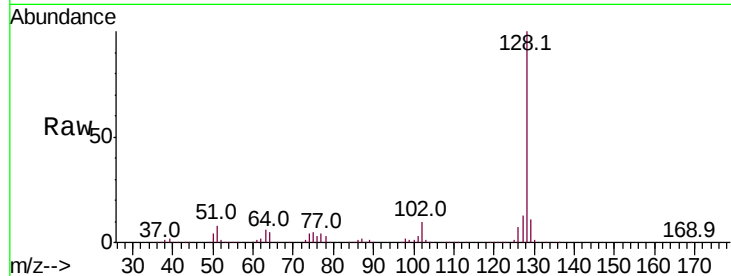




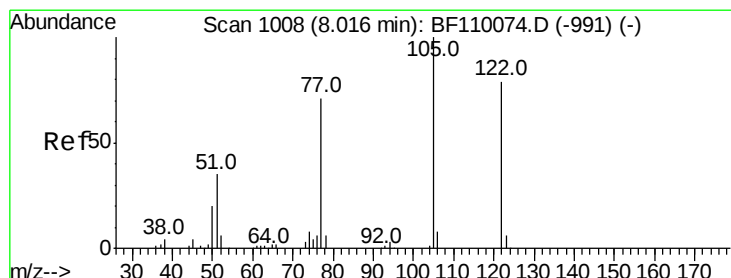
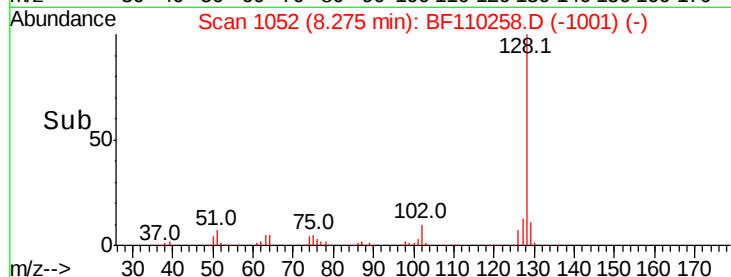
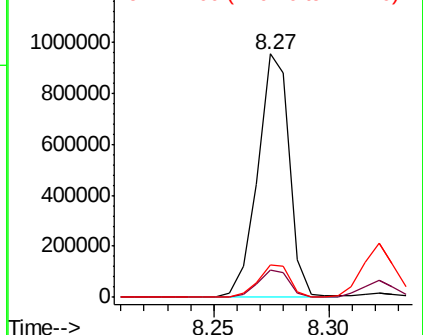
#31
Naphthalene
Concen: 52.562 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 911964
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.8 16.2

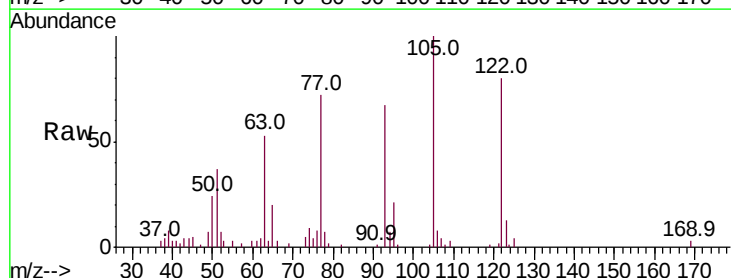


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

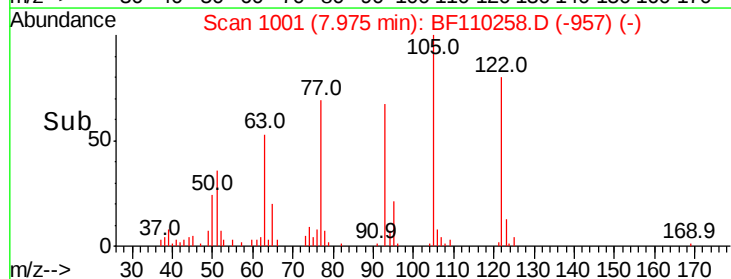
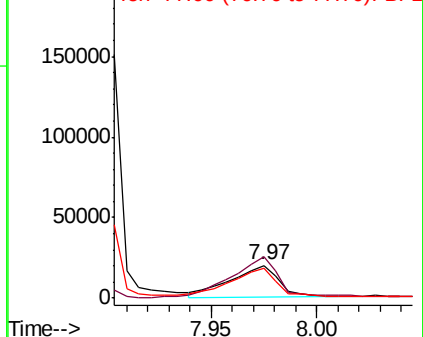


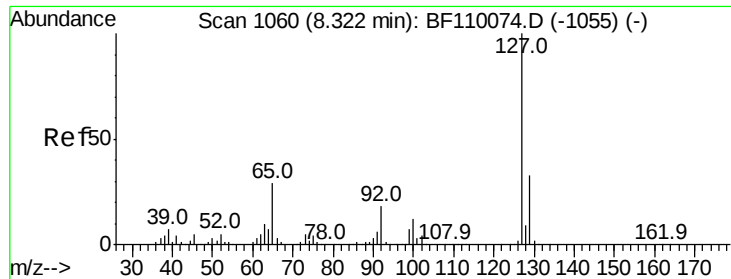
#32
Benzoic acid
Concen: 7.686 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.04 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion:122 Resp: 30710
Ion Ratio Lower Upper
122 100
105 124.6 109.0 149.0
77 90.0 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

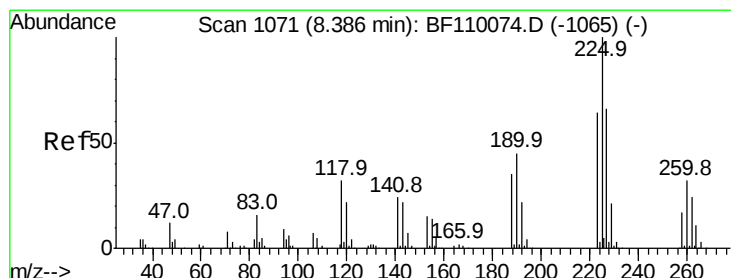
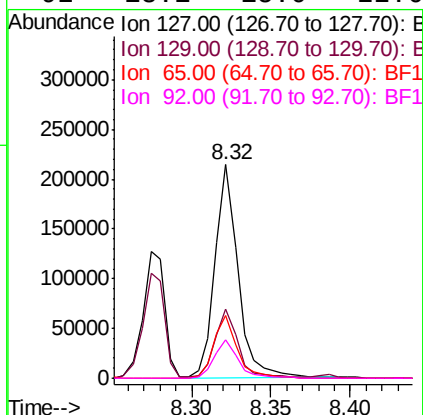
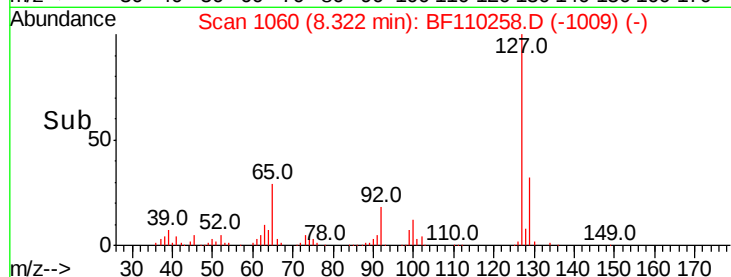
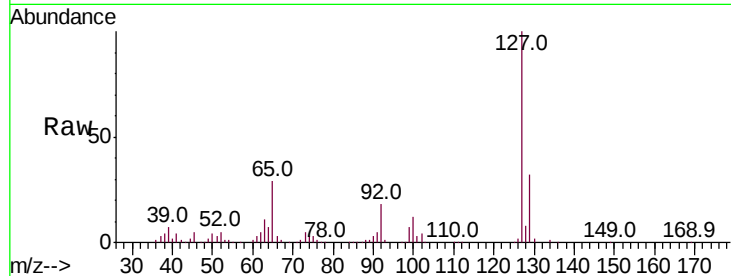




#33
4-Chloroaniline
Concen: 27.911 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

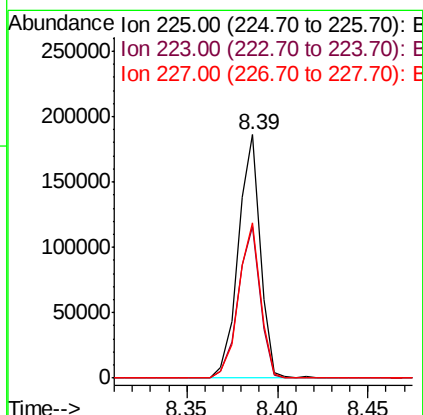
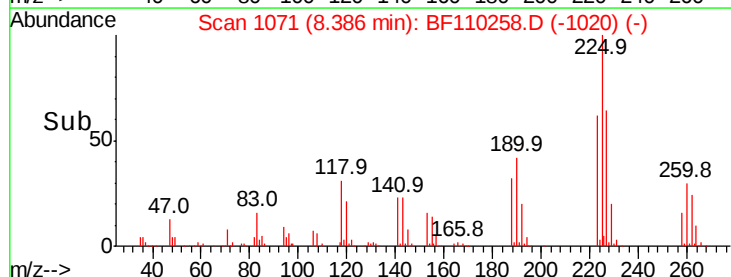
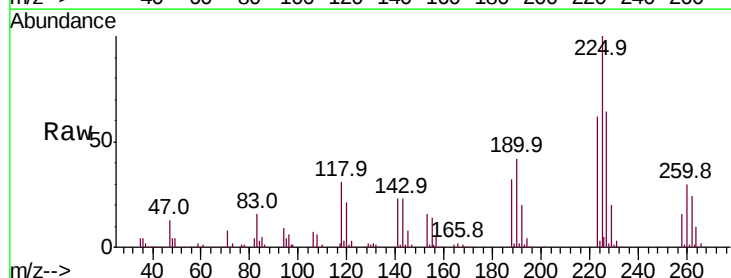
Instrument :
BNA_F
ClientSampleId :

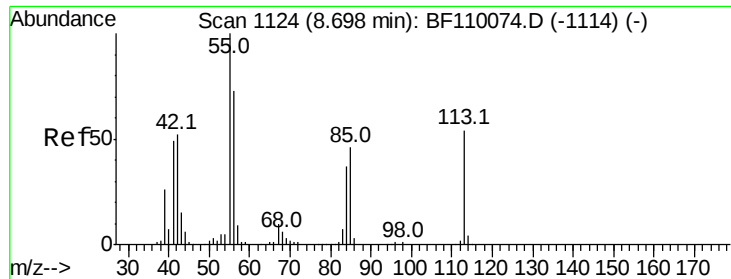
Tot Ion:	127	Resp:	217946
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	29.2	25.1	37.7
92	18.1	15.0	22.6



#34
Hexachlorobutadiene
Concen: 48.106 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion:	225	Resp:	156264
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.4	77.2
227	63.8	51.0	76.6





#35

Caprolactam

Concen: 26.190 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

ClientSampled :

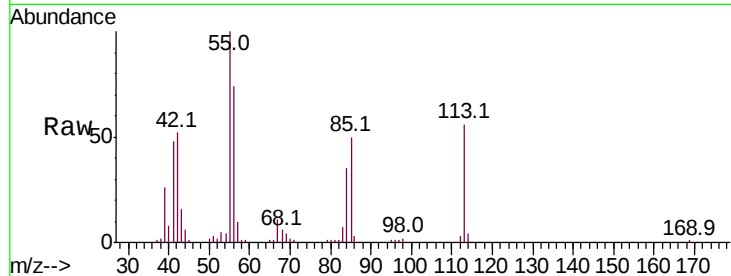
Tot Ion:113 Resp: 47677

Ion Ratio Lower Upper

113 100

55 178.6 142.8 182.8

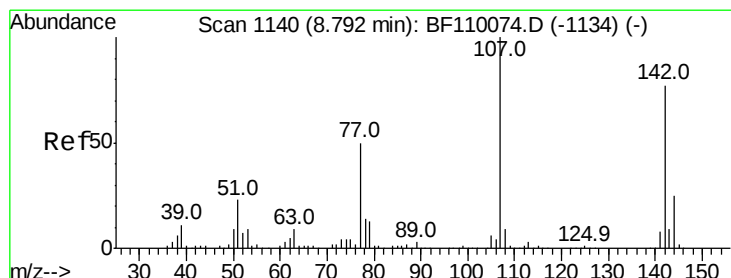
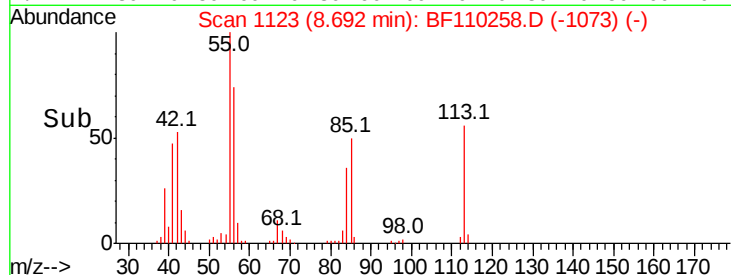
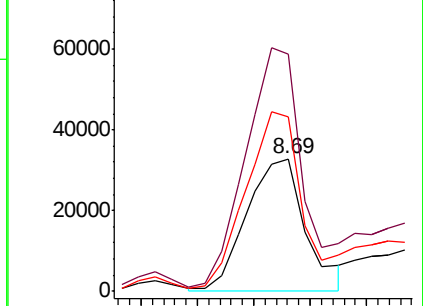
56 131.7 105.0 145.0



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: 49.064 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

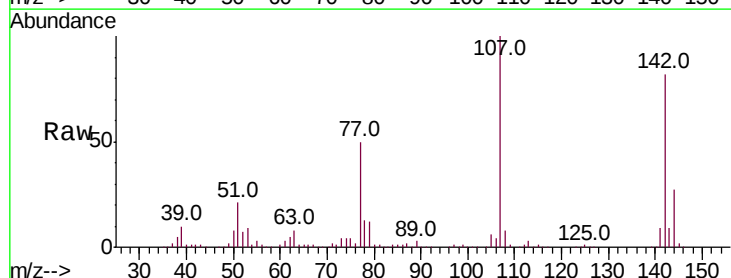
Tgt Ion:107 Resp: 277111

Ion Ratio Lower Upper

107 100

144 27.1 20.0 30.0

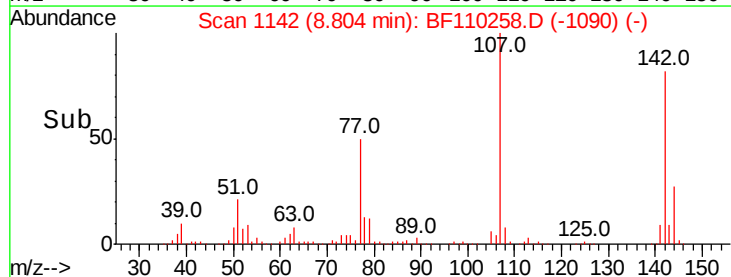
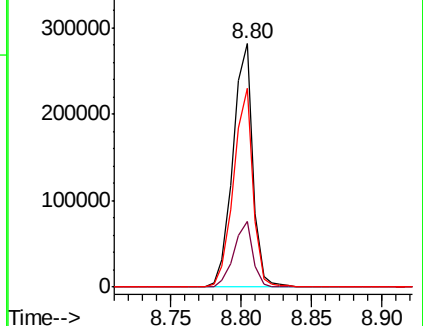
142 81.9 59.7 89.5

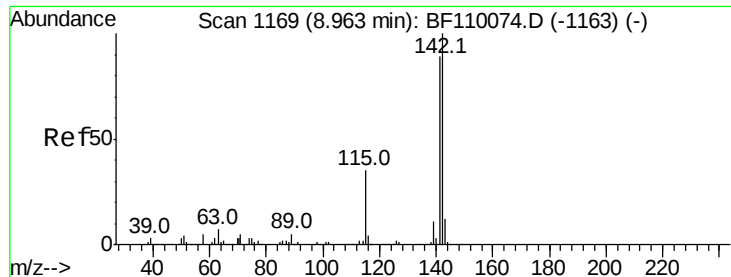


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 53.489 ng

RT: 8.97 min Scan# 1170

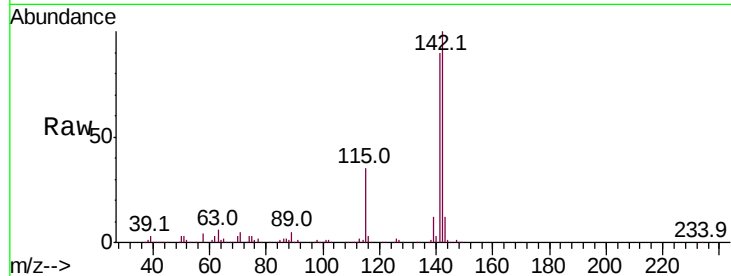
Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.4	107.2
115	34.8	28.7	43.1

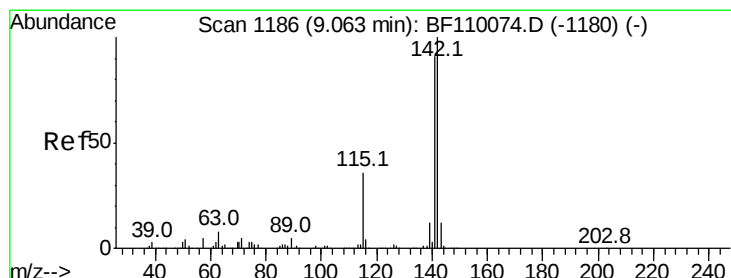
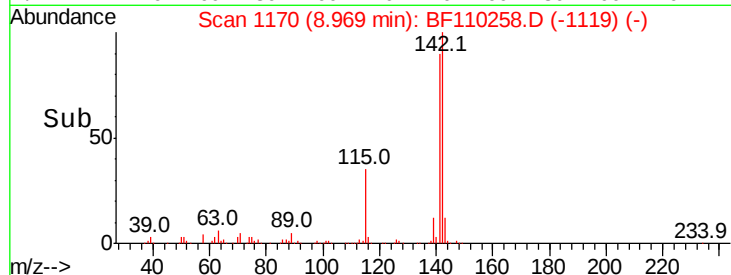
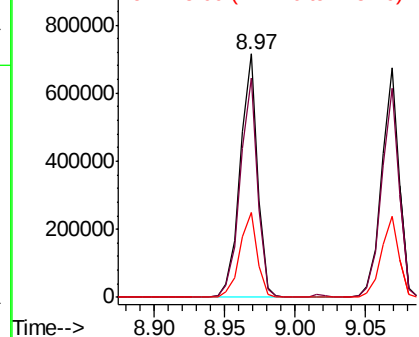


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 52.105 ng

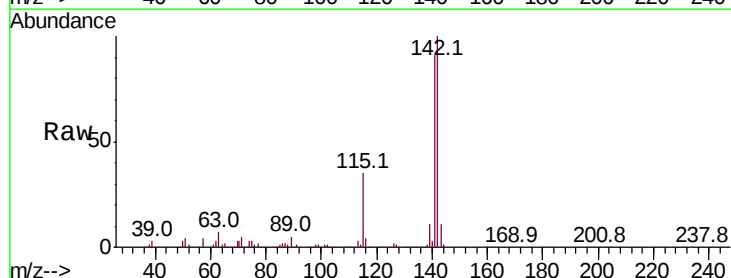
RT: 9.07 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	74.2	111.4
116	3.9	2.6	4.0

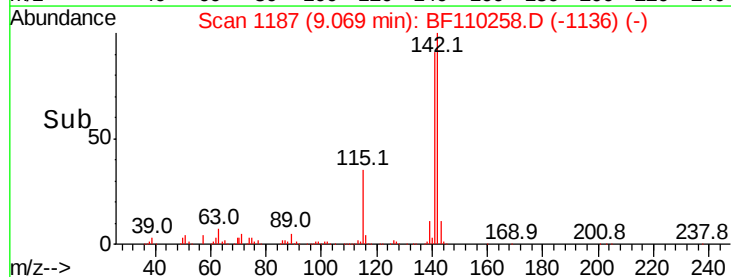
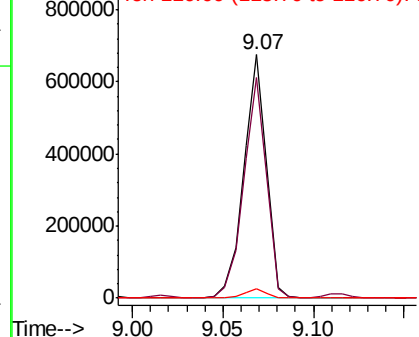


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

ClientSampleId :

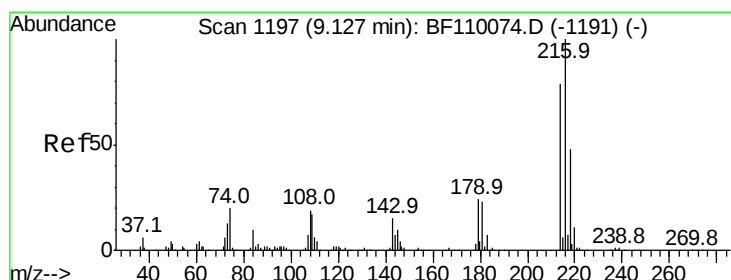
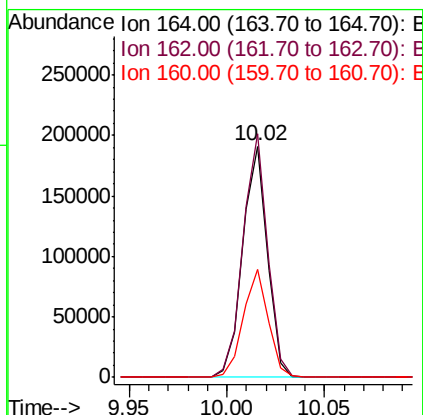
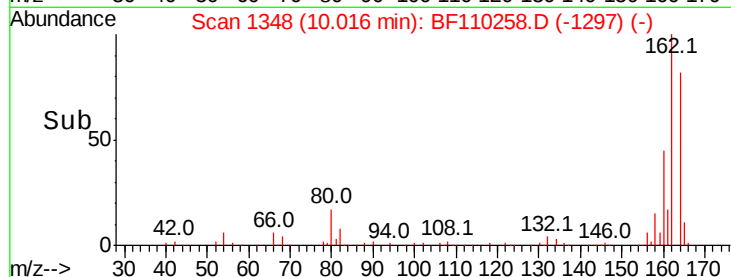
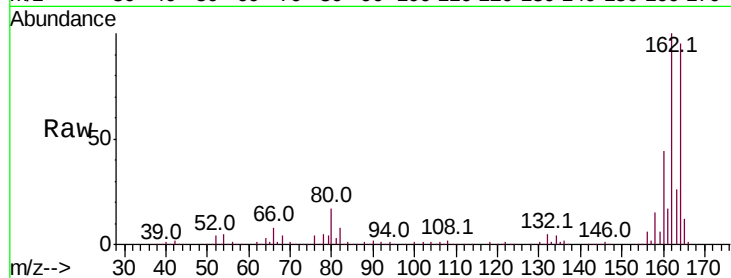
Tot Ion:164 Resp: 167101

Ion Ratio Lower Upper

164 100

162 105.4 83.0 124.6

160 46.5 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.964 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Tgt Ion:216 Resp: 260137

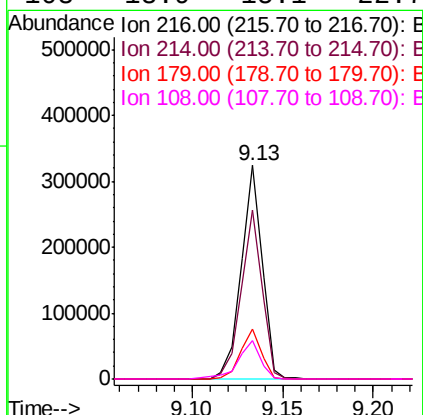
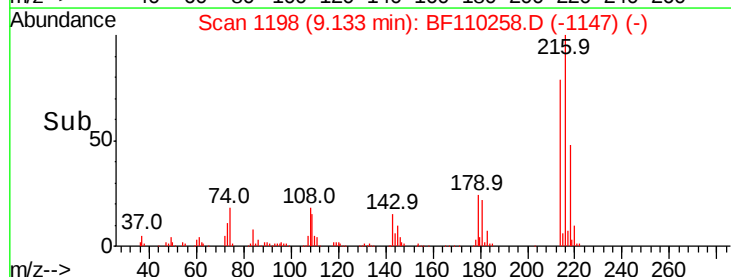
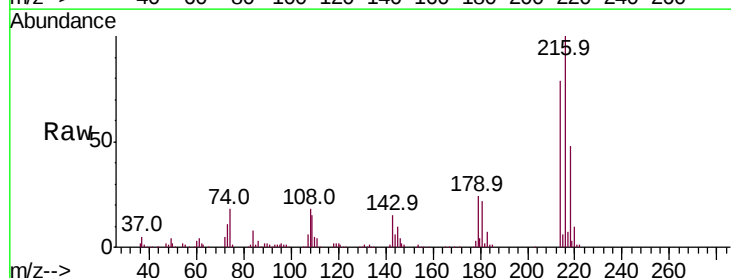
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.6

179 23.1 16.6 25.0

108 18.9 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 32.344 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

ClientSampleId :

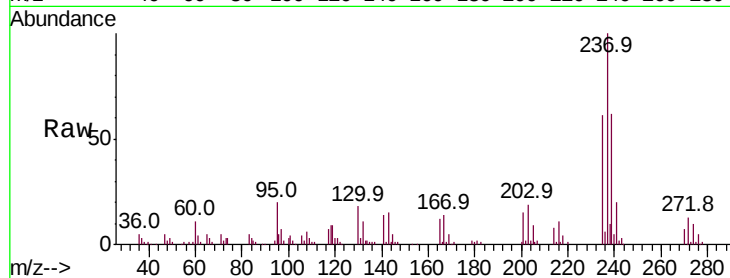
Tot Ion:237 Resp: 86109

Ion Ratio Lower Upper

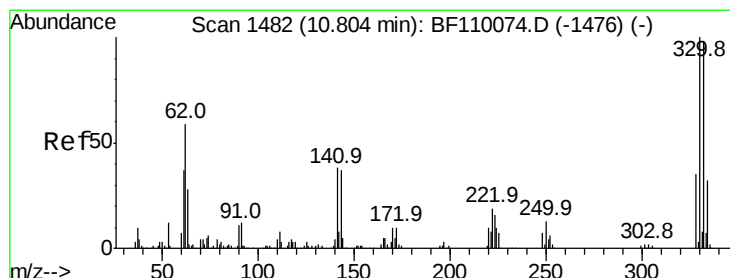
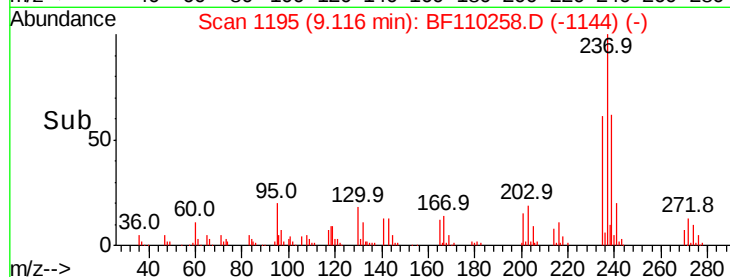
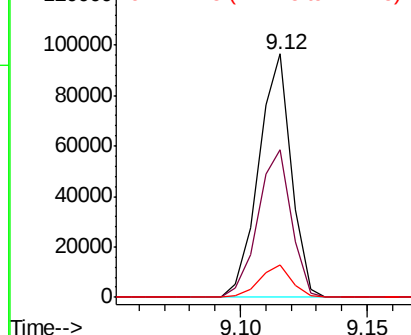
237 100

235 60.6 43.1 83.1

272 13.4 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: 138.677 ng

RT: 10.81 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

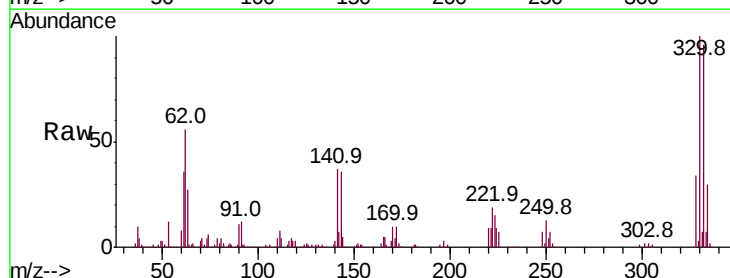
Tgt Ion:330 Resp: 229544

Ion Ratio Lower Upper

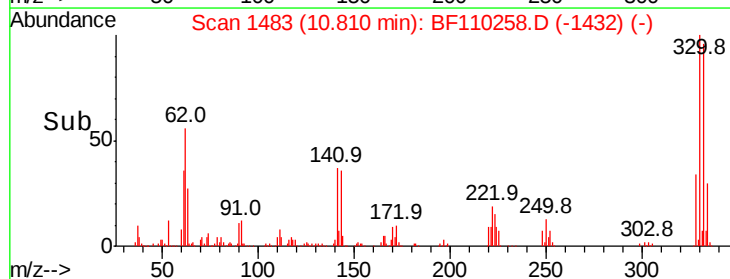
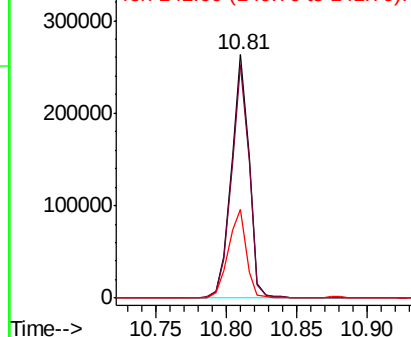
330 100

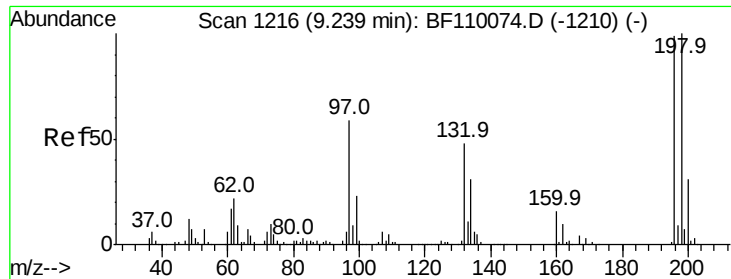
332 96.3 77.1 115.7

141 37.2 27.0 40.4



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

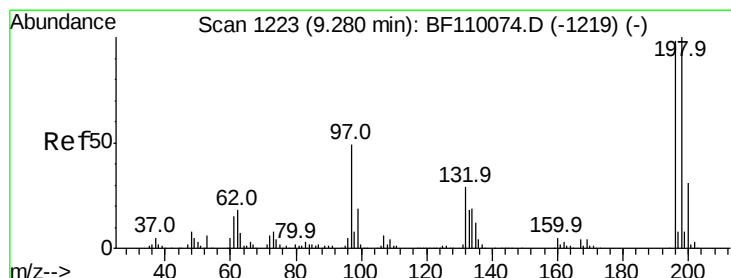
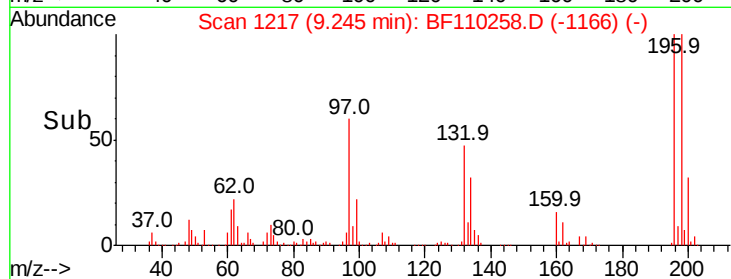
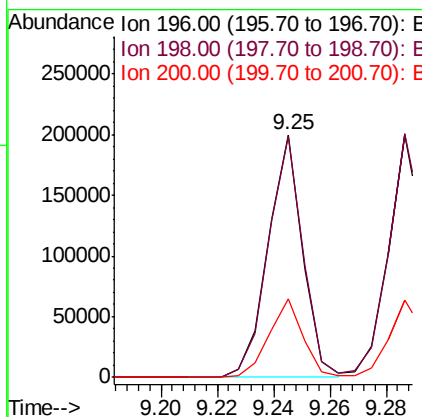
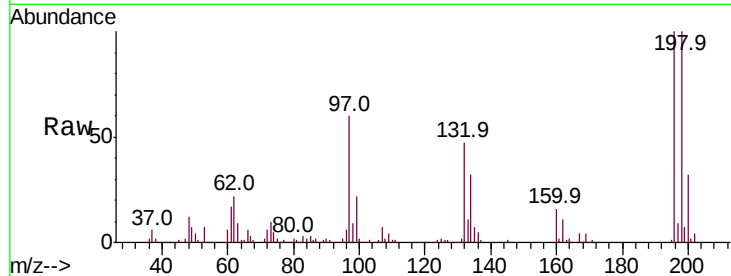




#43
 2,4,6-Trichlorophenol
 Concen: 50.435 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

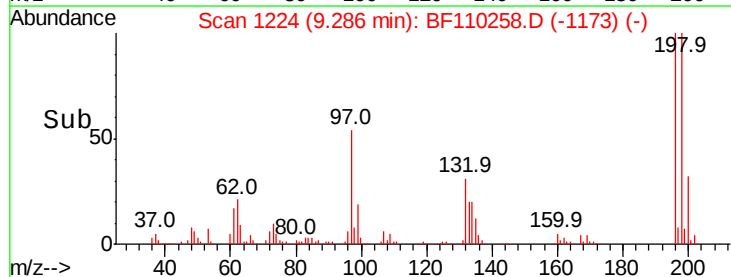
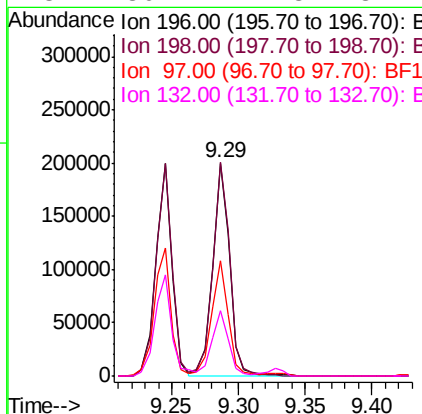
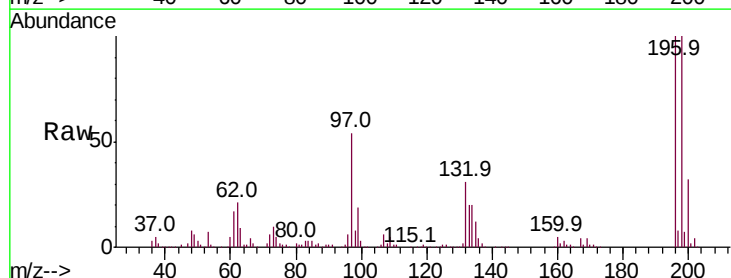
Instrument :
 BNA_F
 ClientSampled :

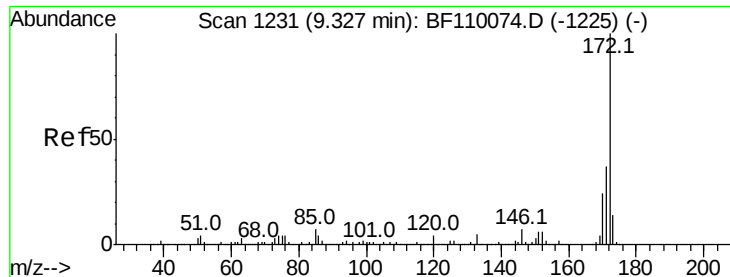
Tot Ion:196 Resp: 169369
 Ion Ratio Lower Upper
 196 100
 198 99.7 76.2 114.4
 200 32.4 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 50.724 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Tgt Ion:196 Resp: 180055
 Ion Ratio Lower Upper
 196 100
 198 100.5 75.8 113.6
 97 54.5 42.4 63.6
 132 30.7 22.8 34.2



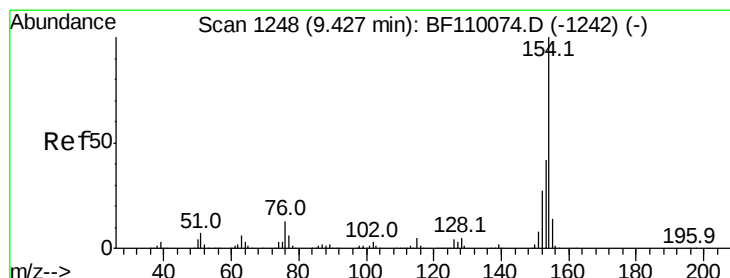
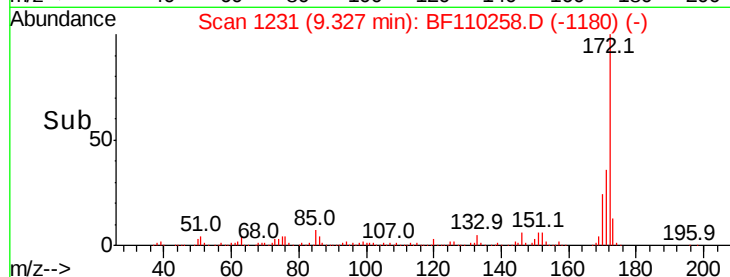
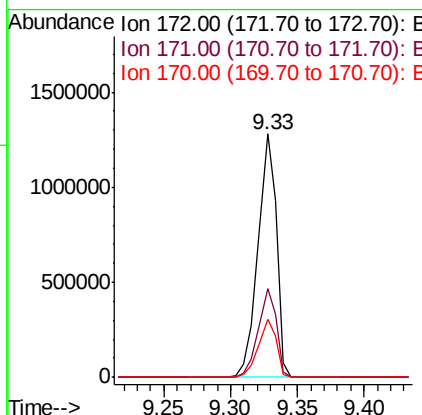
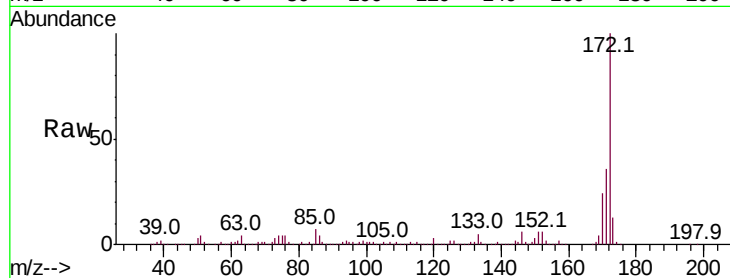


#45
 2-Fluorobiphenyl
 Concen: 112.505 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1197237

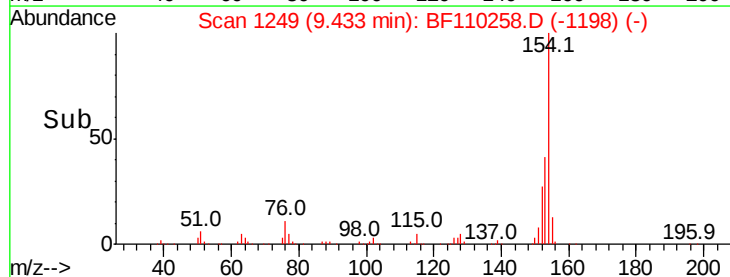
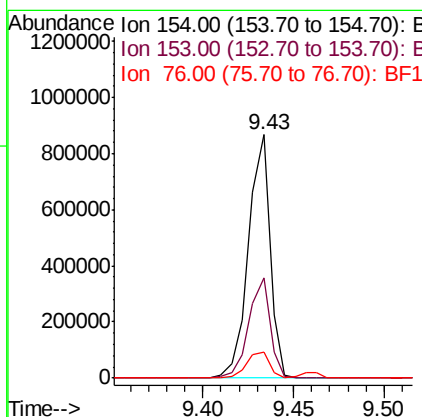
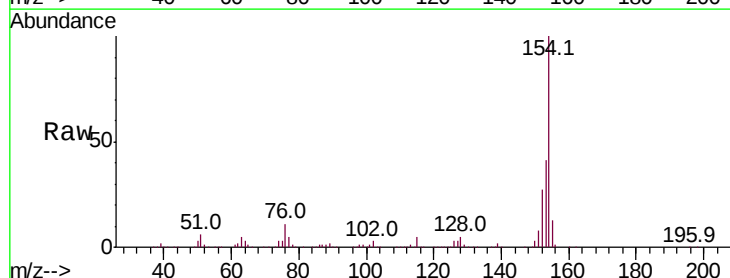
Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.0	19.7	29.5

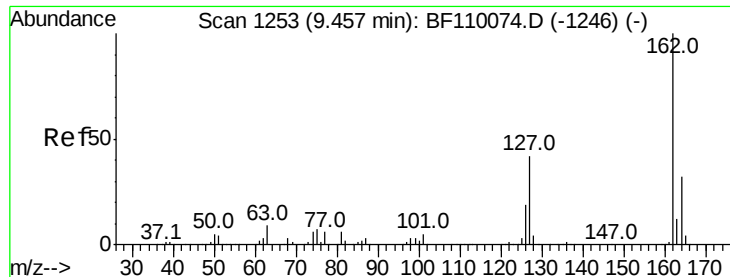


#46
 1,1'-Biphenyl
 Concen: 47.701 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Tgt Ion:154 Resp: 720808

Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.4	60.4
76	10.8	0.0	31.9





#47

2-Chloronaphthalene

Concen: 49.826 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :

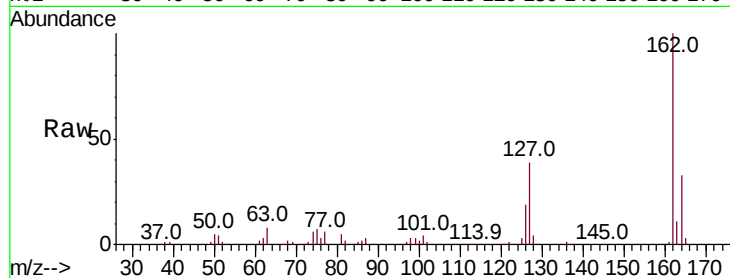
Tot Ion:162 Resp: 552290

Ion Ratio Lower Upper

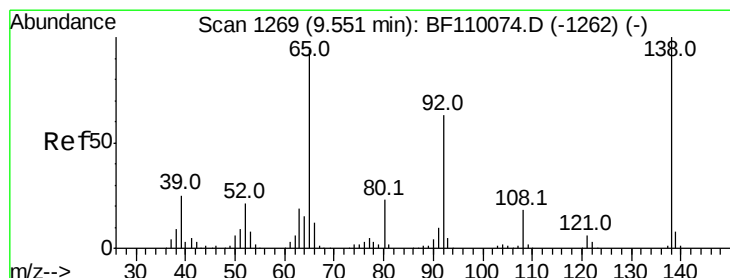
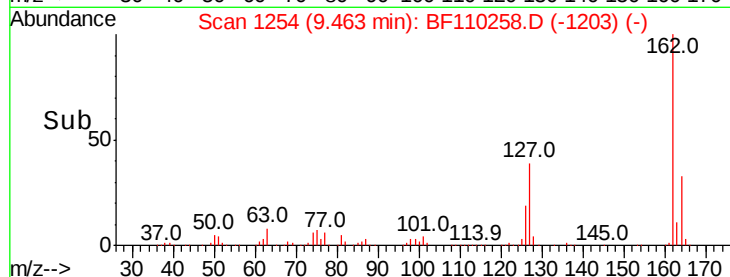
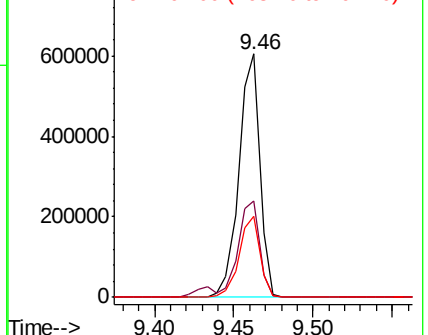
162 100

127 39.5 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: 50.082 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

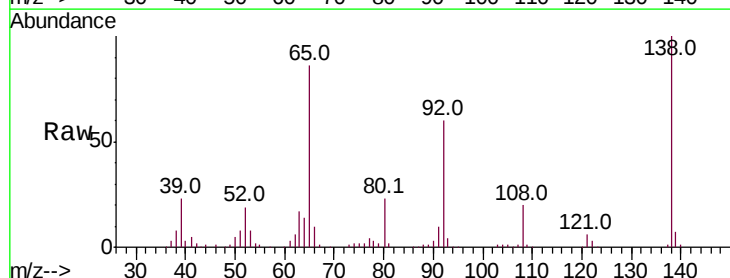
Tgt Ion: 65 Resp: 168219

Ion Ratio Lower Upper

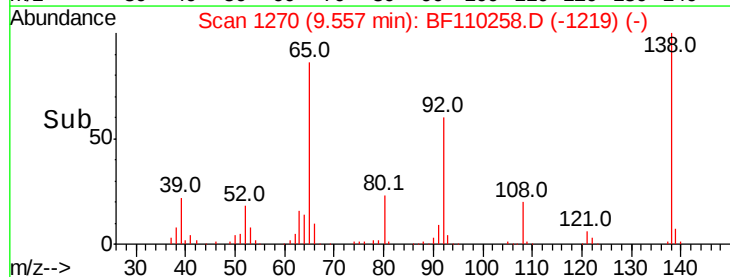
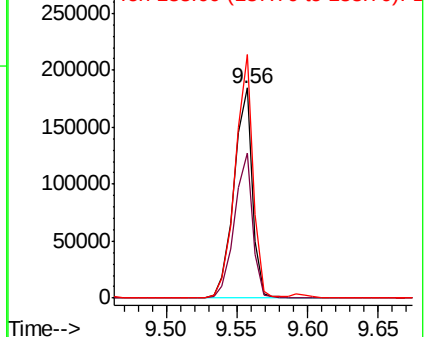
65 100

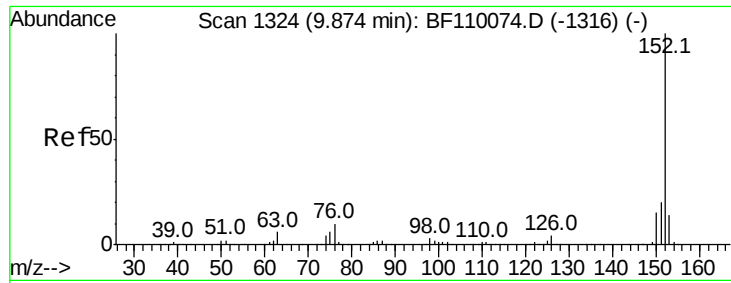
92 69.0 54.6 81.8

138 115.8 80.3 120.5



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





#49

Acenaphthylene

Concen: 52.565 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

ClientSampleId :

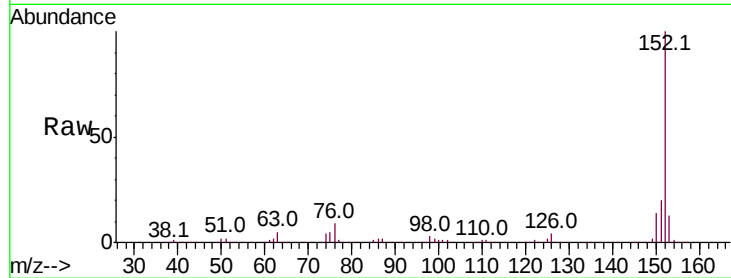
Tot Ion:152 Resp: 841541

Ion Ratio Lower Upper

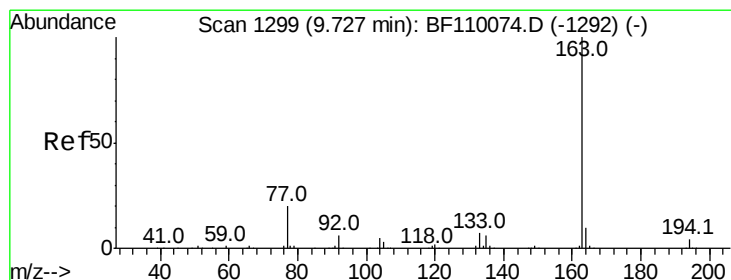
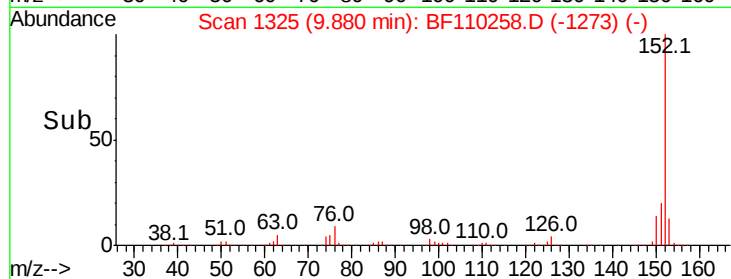
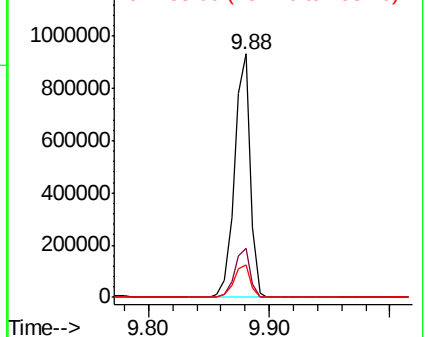
152 100

151 20.1 15.8 23.8

153 13.4 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: 67.321 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

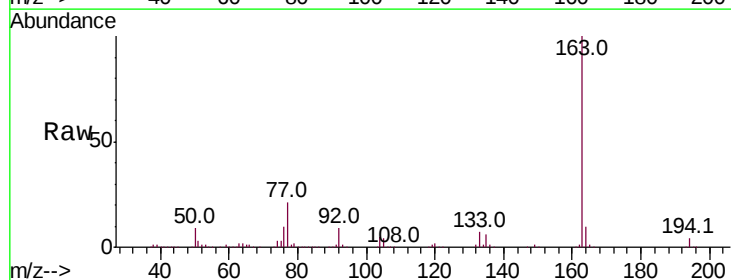
Tgt Ion:163 Resp: 830407

Ion Ratio Lower Upper

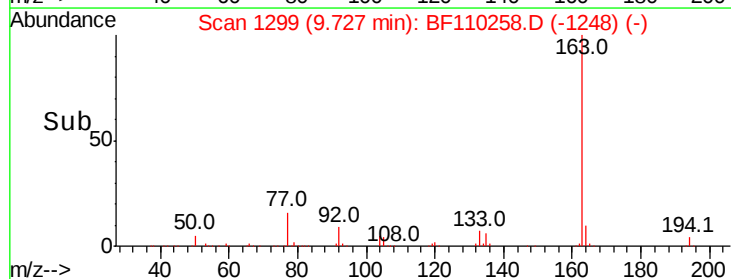
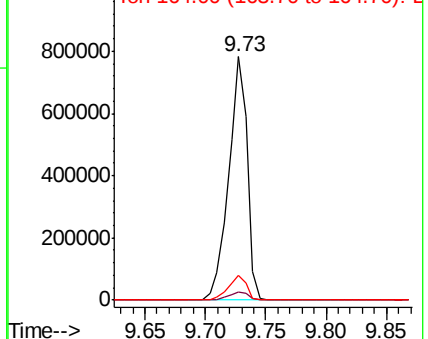
163 100

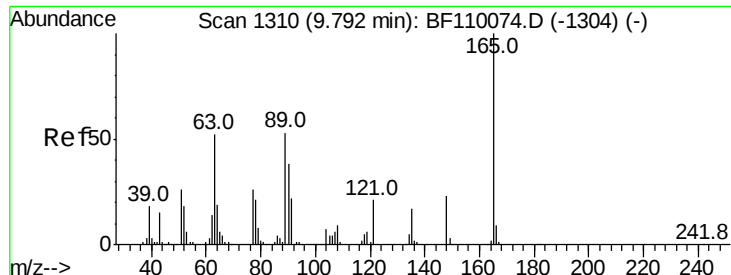
194 3.6 3.2 4.8

164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 50.549 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

ClientSampleId :

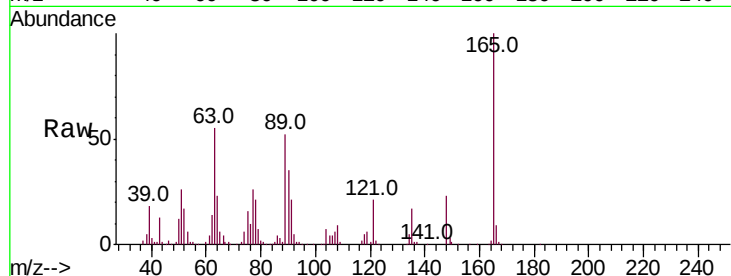
Tot Ion:165 Resp: 134310

Ion Ratio Lower Upper

165 100

63 54.6 48.9 73.3

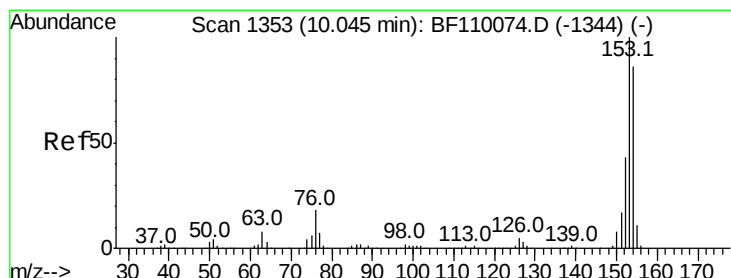
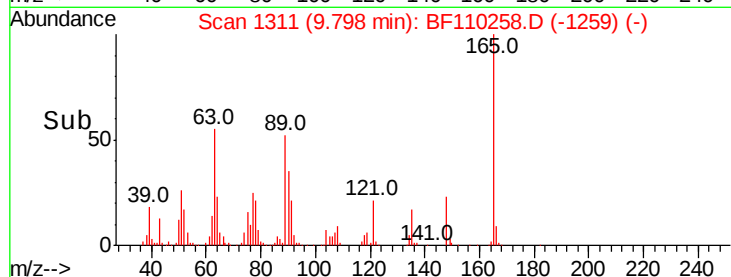
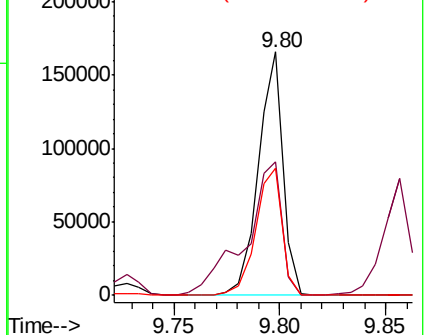
89 52.2 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 48.407 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

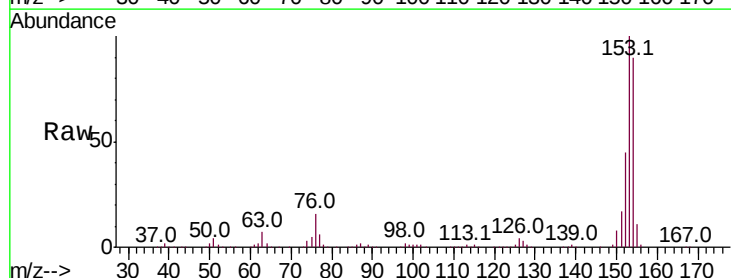
Tgt Ion:154 Resp: 512679

Ion Ratio Lower Upper

154 100

153 111.5 90.1 135.1

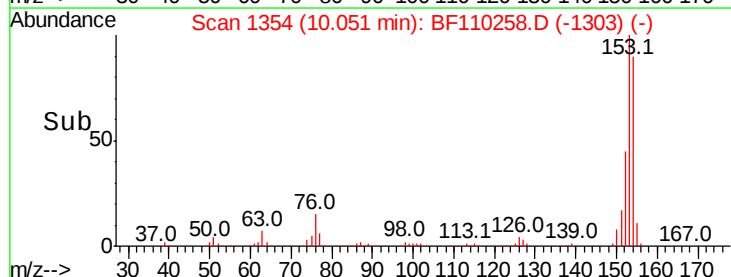
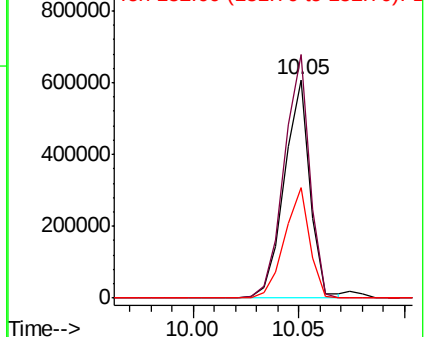
152 50.6 43.4 65.2

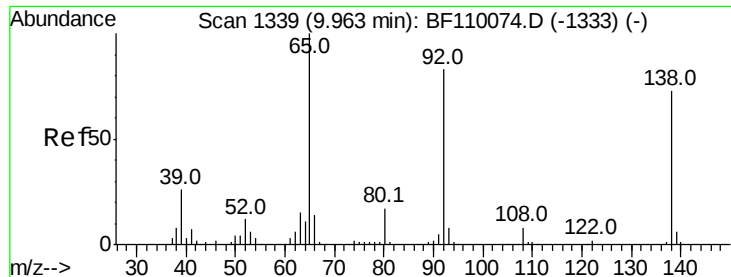


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

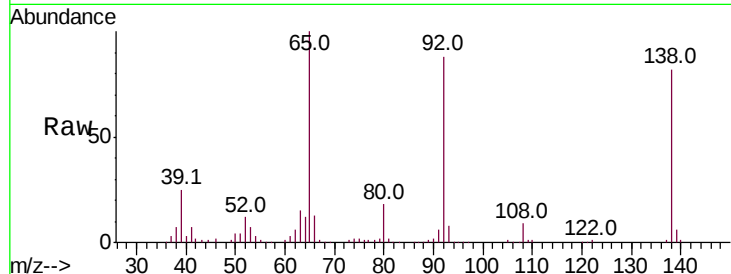




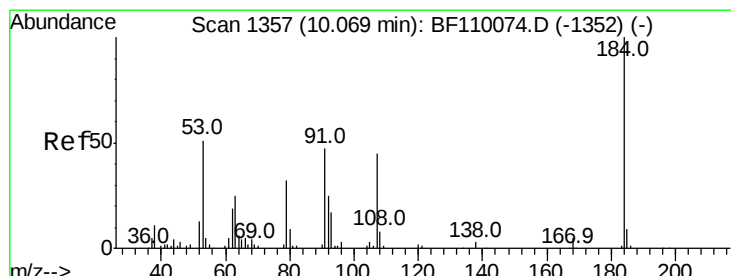
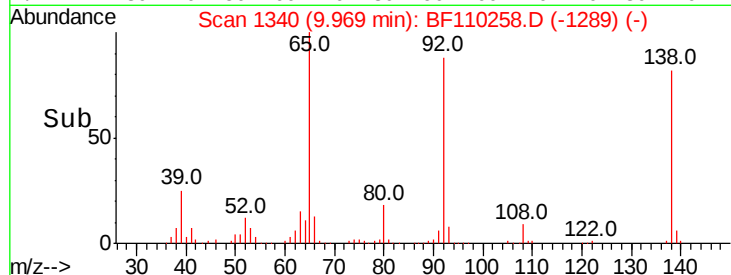
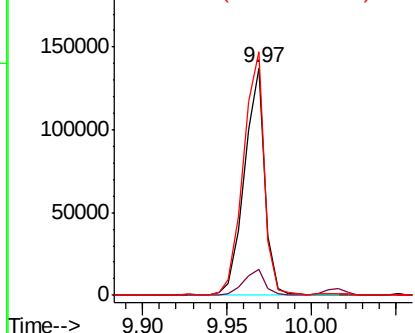
#53
3-Nitroaniline
Concen: 36.708 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 115987
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 107.1 97.0 145.4

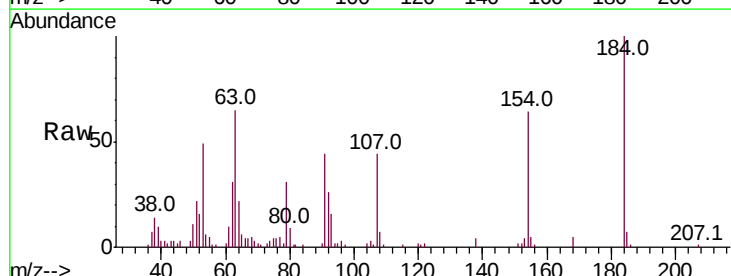


Abundance Ion 138.00 (137.70 to 138.70): E
200000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

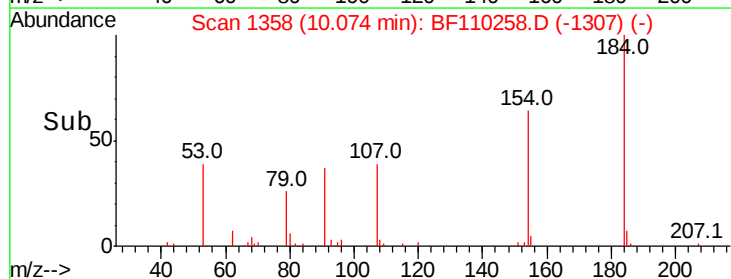
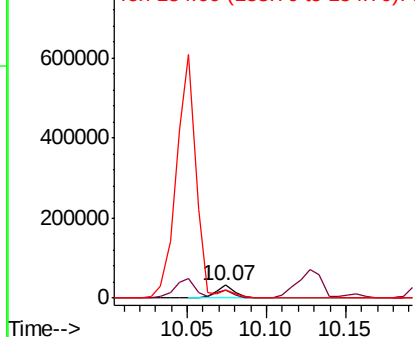


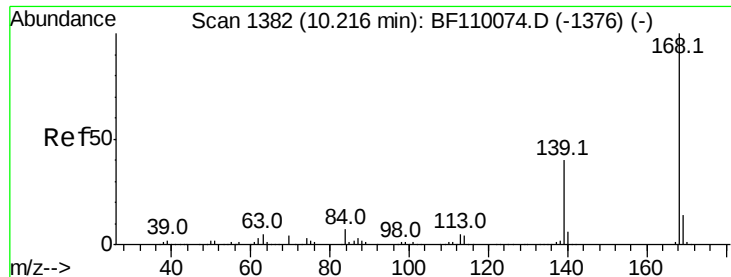
#54
2,4-Dinitrophenol
Concen: 28.832 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion:184 Resp: 26672
Ion Ratio Lower Upper
184 100
63 64.9 55.8 83.6
154 64.1 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
800000
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 49.438 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

ClientSampled :

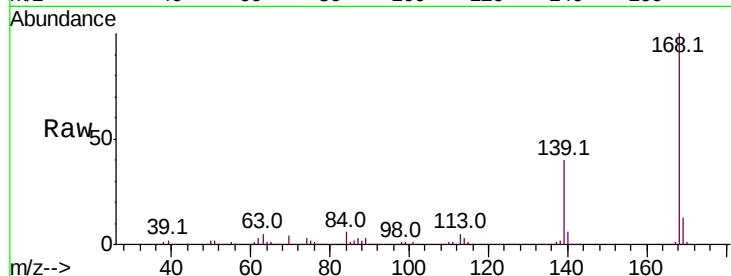
Tot Ion:168 Resp: 733091

Ion Ratio Lower Upper

168 100

139 40.1 33.0 49.6

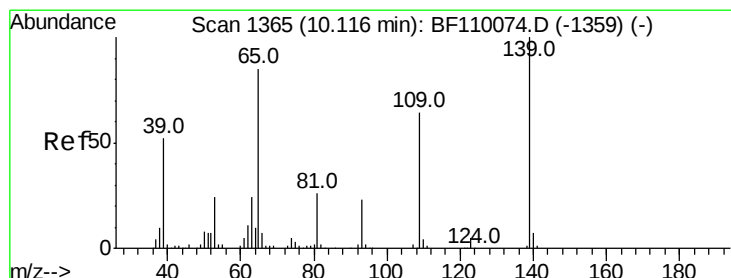
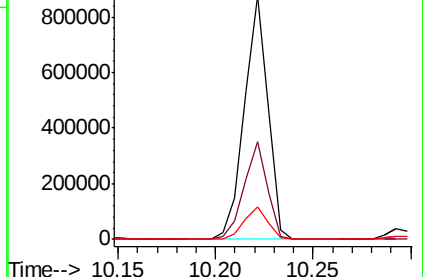
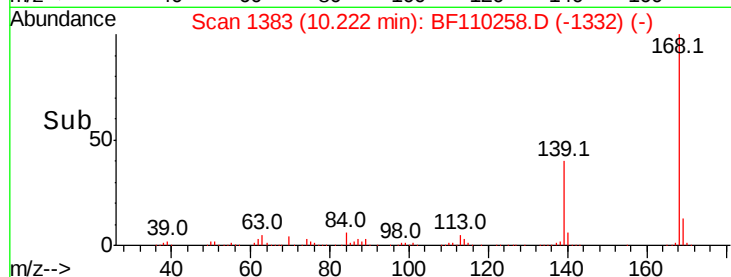
169 13.5 11.3 16.9



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: 118.104 ng

RT: 10.13 min Scan# 1368

Delta R.T. 0.01 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

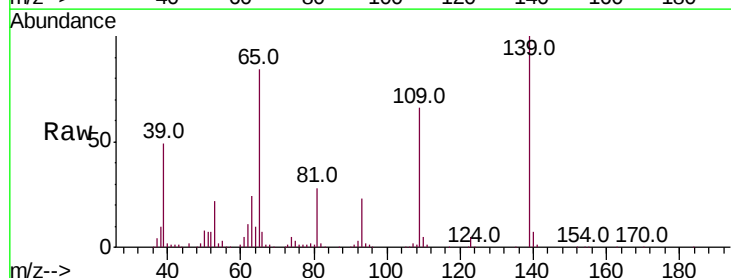
Tgt Ion:139 Resp: 276191

Ion Ratio Lower Upper

139 100

109 66.2 55.8 95.8

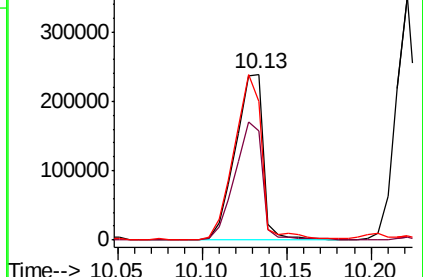
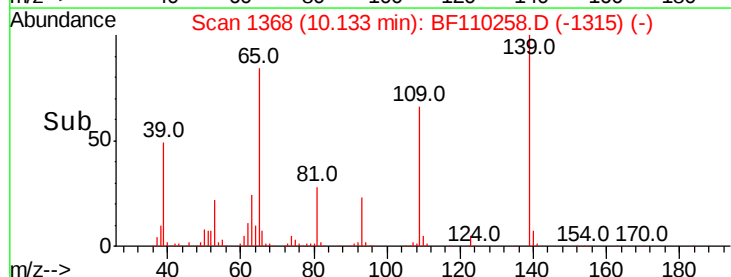
65 84.0 77.9 117.9

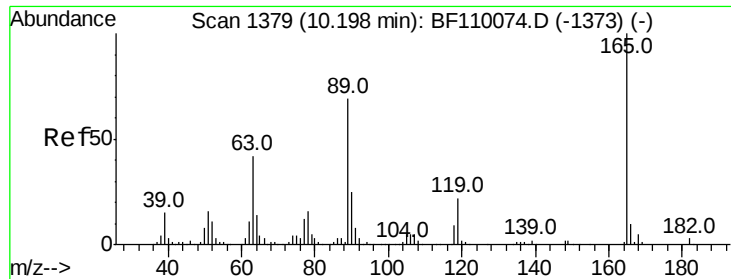


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

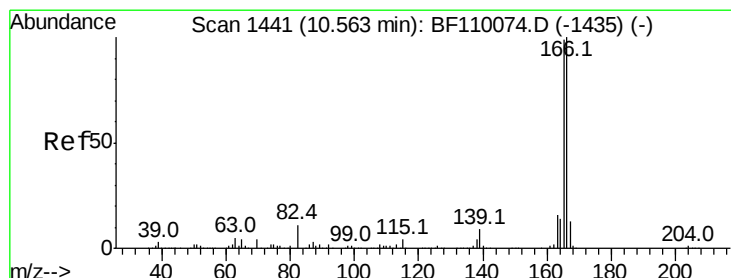
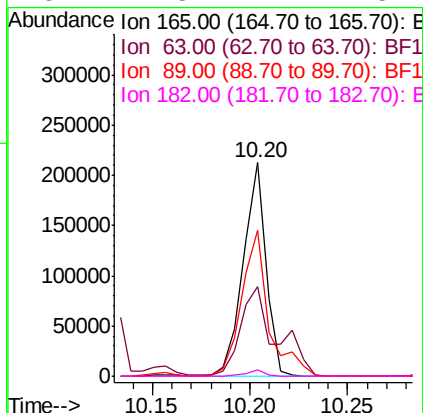
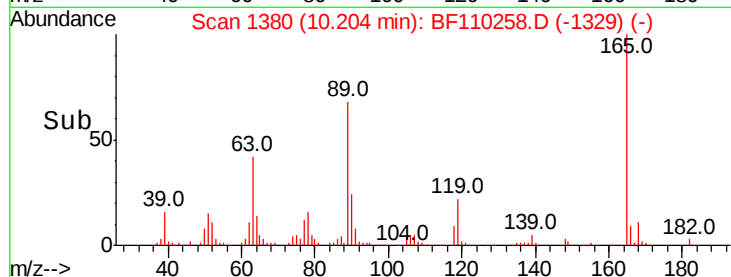
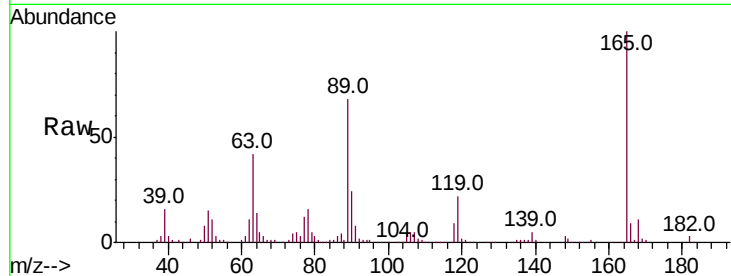




#57
2,4-Dinitrotoluene
Concen: 51.224 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

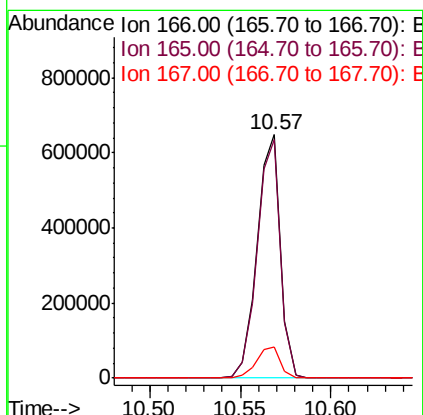
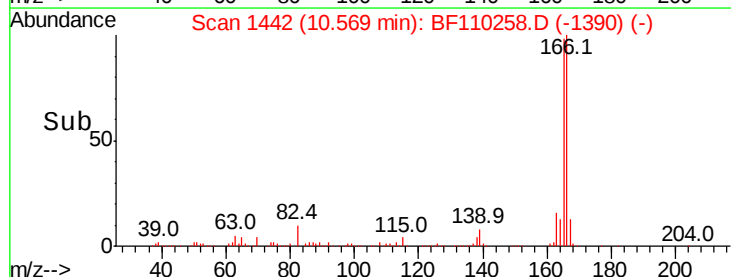
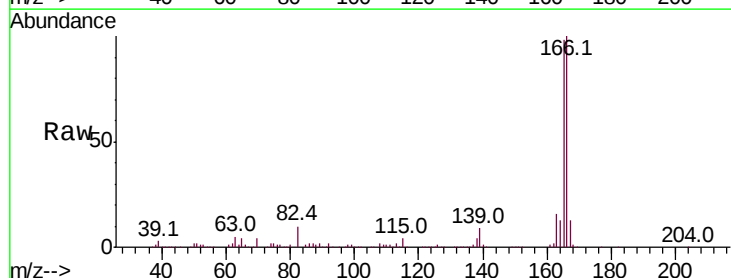
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.1	44.8	67.2#
89	68.5	62.2	93.4
182	2.8	2.1	3.1



#58
Fluorene
Concen: 52.203 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.6	117.8
167	13.0	10.8	16.2

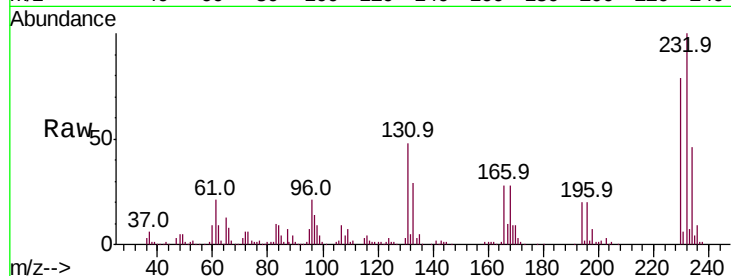




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.784 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.05 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.2	37.0	55.4
130	2.6	1.8	2.6
166	26.5	22.0	33.0



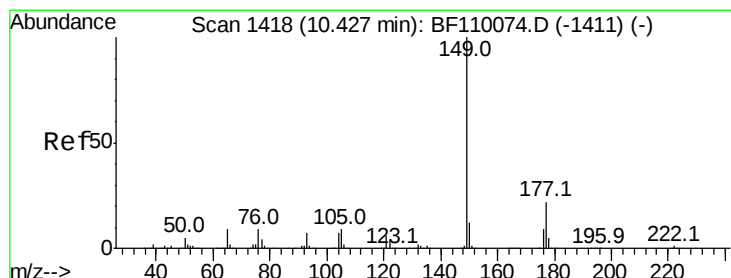
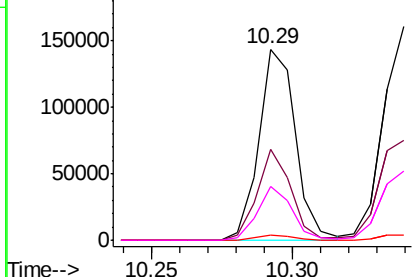
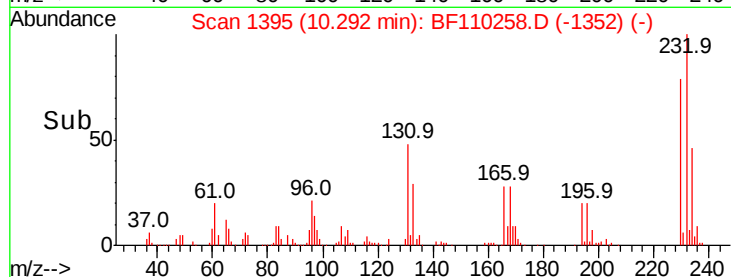
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

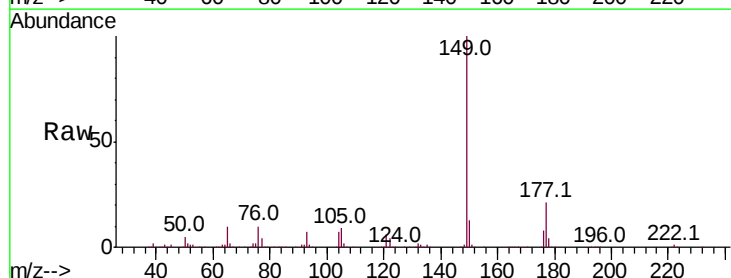
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 51.565 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.4	26.2
150	12.5	9.8	14.8

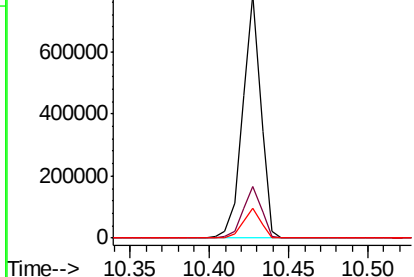
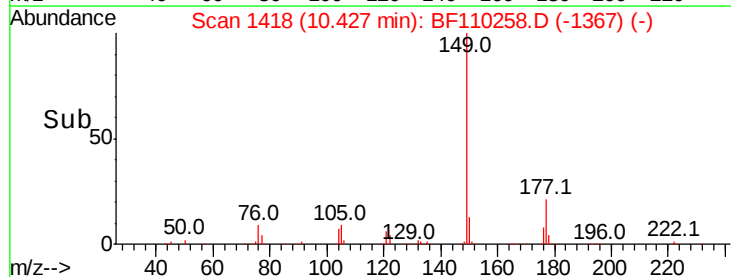


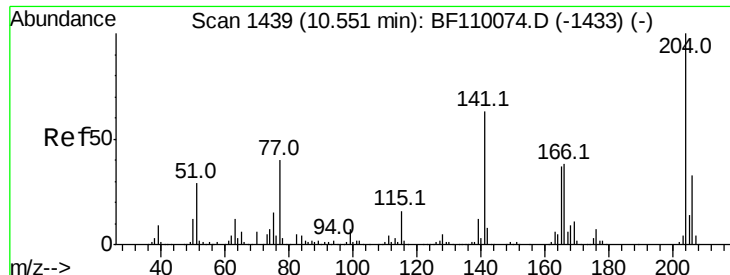
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

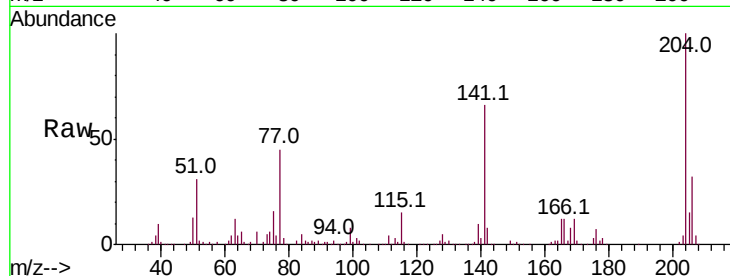




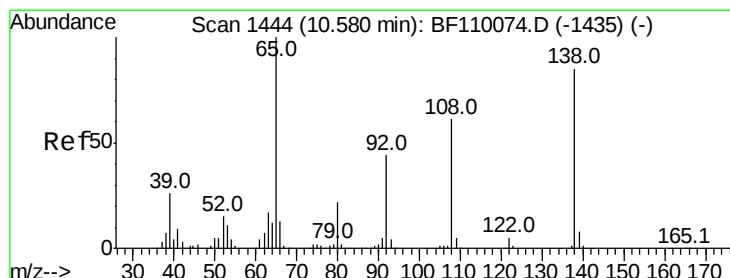
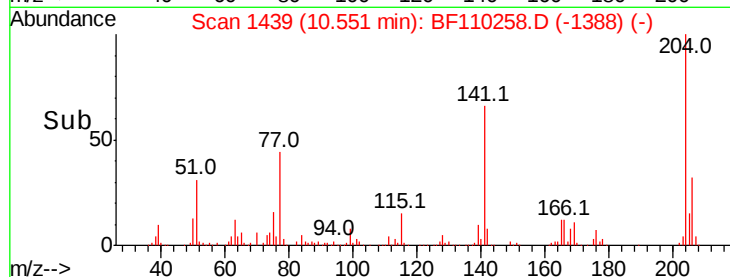
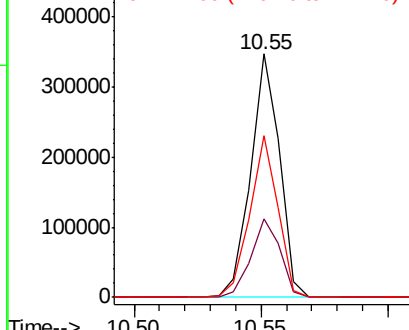
#61
4-Chlorophenyl-phenylether
Concen: 47.083 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 274112
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 66.3 51.8 77.8

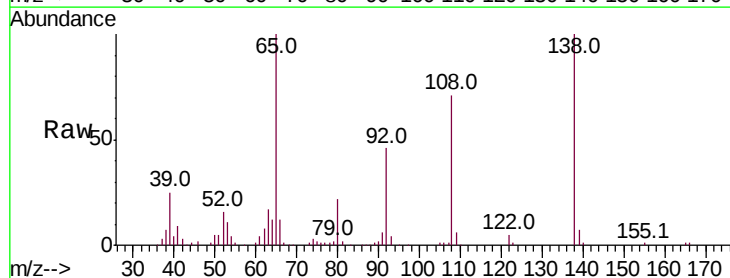


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

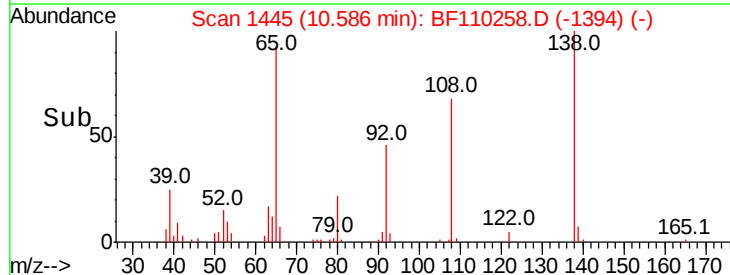
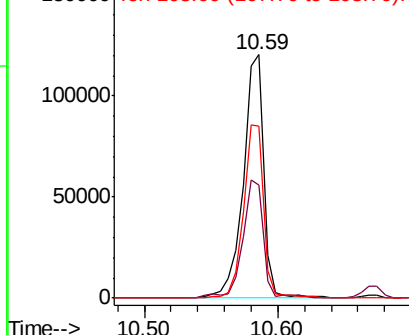


#62
4-Nitroaniline
Concen: 40.671 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion:138 Resp: 127812
Ion Ratio Lower Upper
138 100
92 46.2 31.7 71.7
108 70.8 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

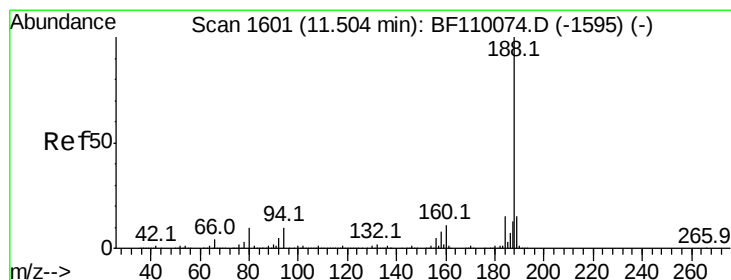
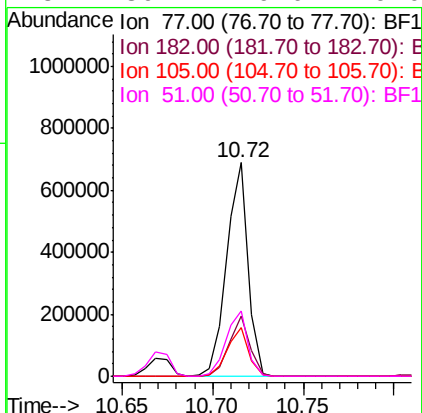
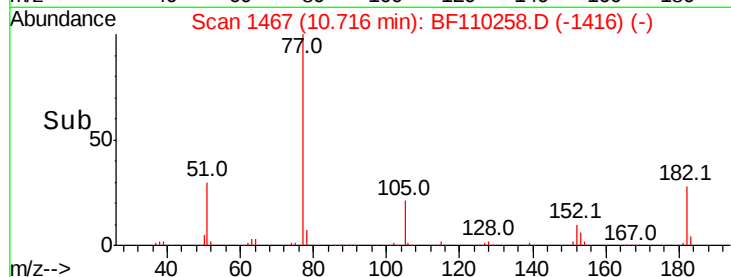
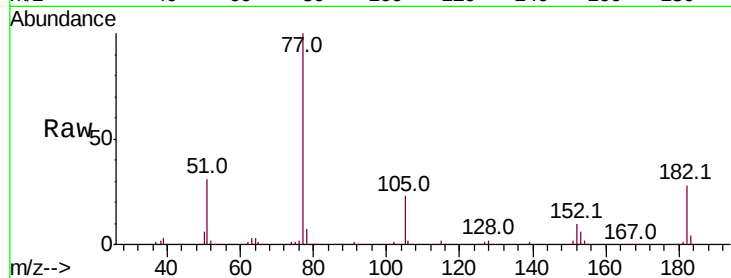




#63
Azobenzene
Concen: 47.252 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

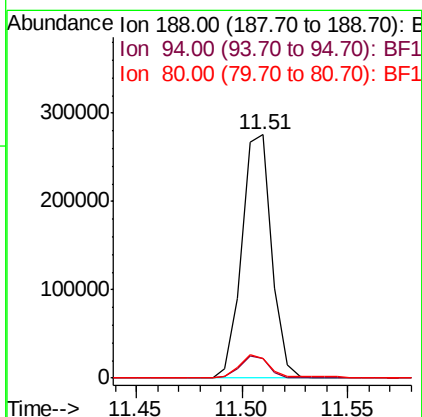
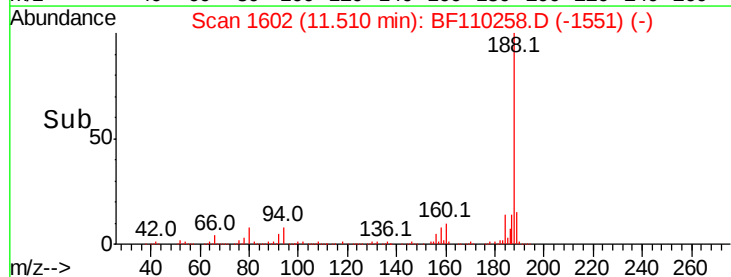
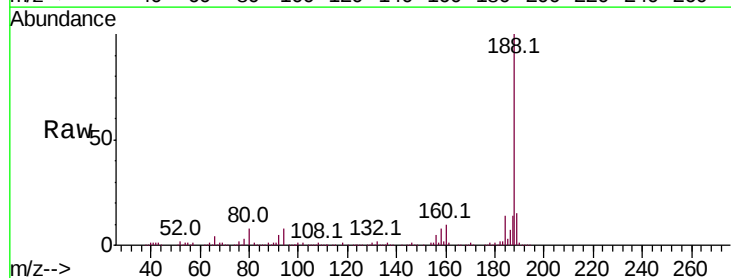
Instrument :
BNA_F
ClientSampleId :

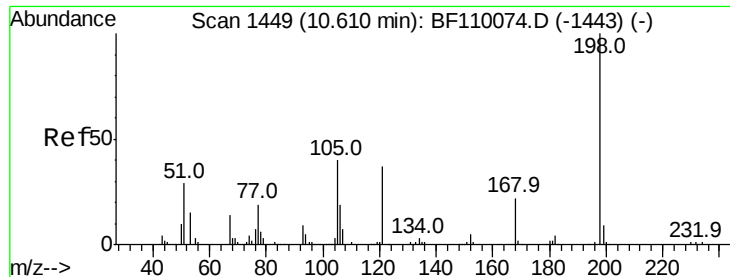
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.2	4.3	44.3	
105	22.9	1.3	41.3	
51	30.7	9.0	49.0	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.3	7.2	10.8	
80	8.1	7.9	11.9	

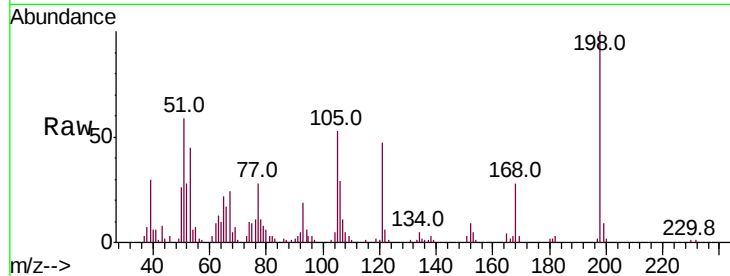




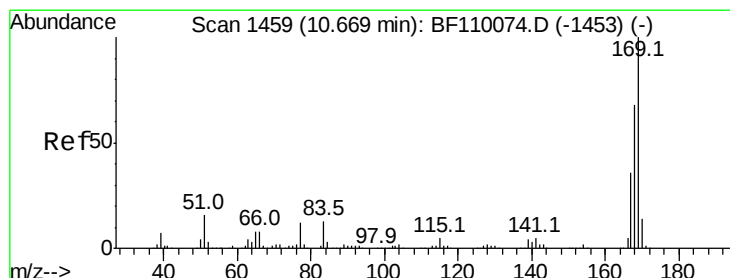
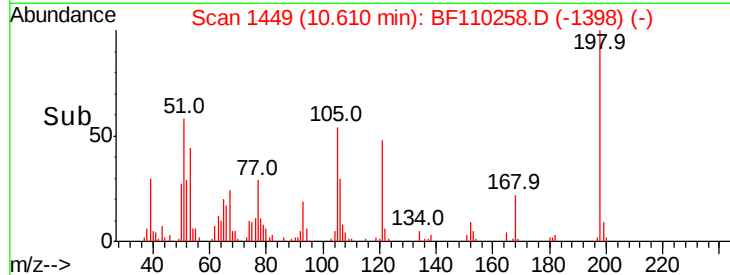
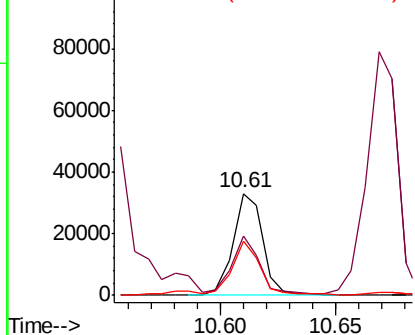
#65
 4,6-Dinitro-2-methylphenol
 Concen: 24.055 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	58.5	22.8	62.8
105	52.9	23.6	63.6

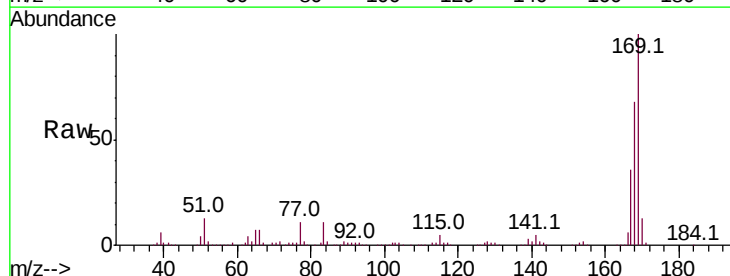


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

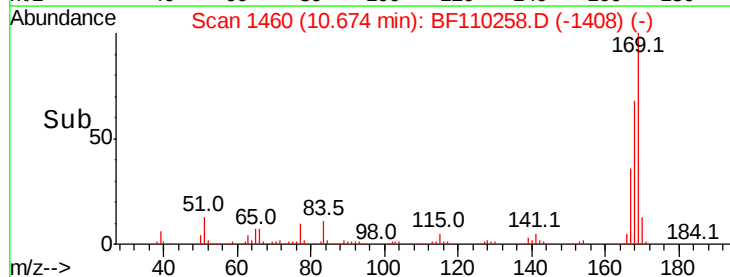
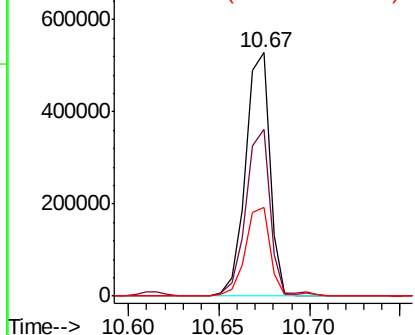


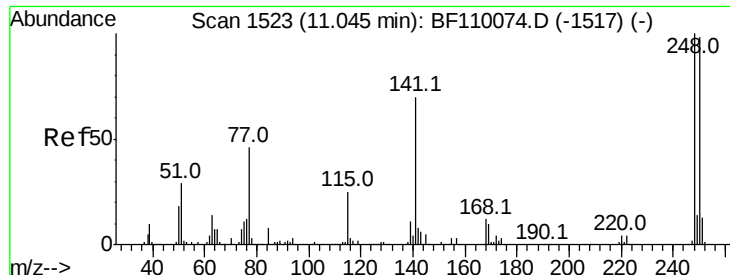
#66
 n-Nitrosodiphenylamine
 Concen: 55.709 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.3	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

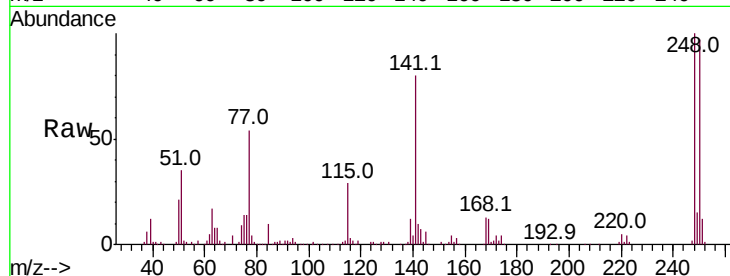




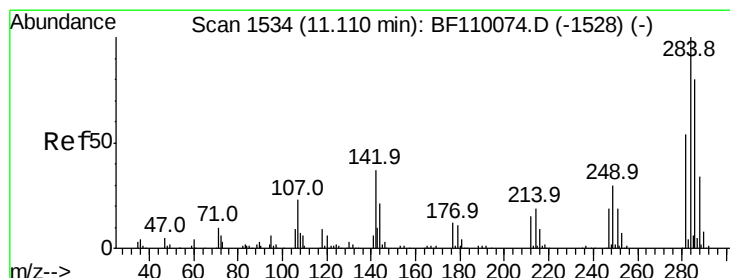
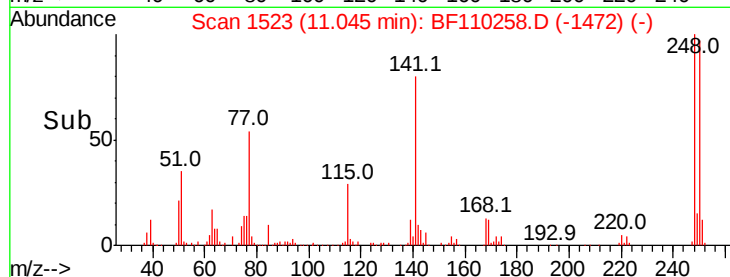
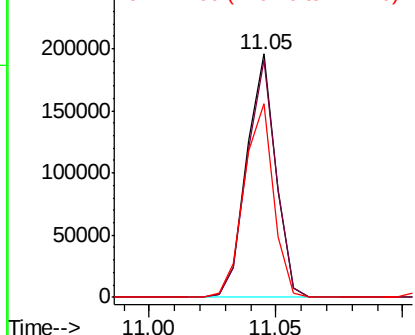
#67
4-Bromophenyl-phenylether
Concen: 53.575 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 156499
Ion Ratio Lower Upper
248 100
250 97.3 79.4 119.2
141 79.8 55.9 83.9

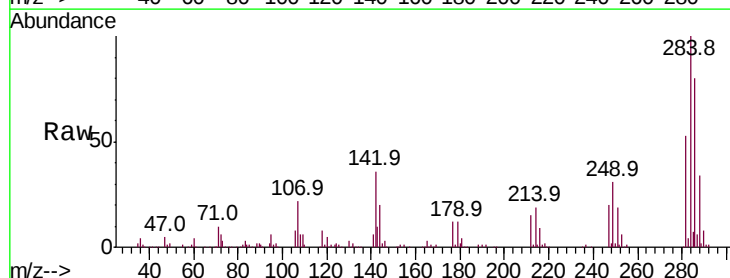


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

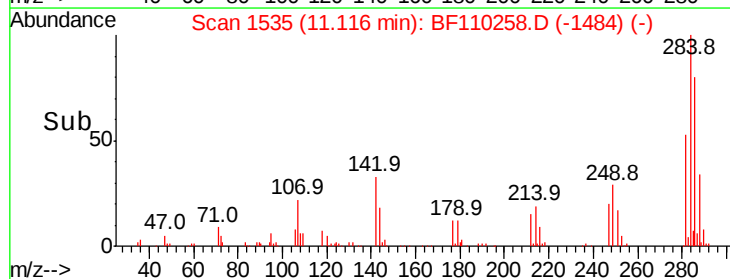
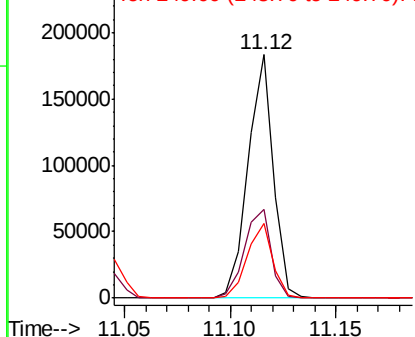


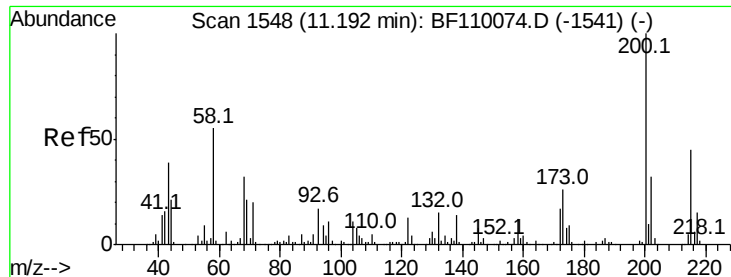
#68
Hexachlorobenzene
Concen: 49.182 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion:284 Resp: 152436
Ion Ratio Lower Upper
284 100
142 36.5 23.9 35.9#
249 30.9 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

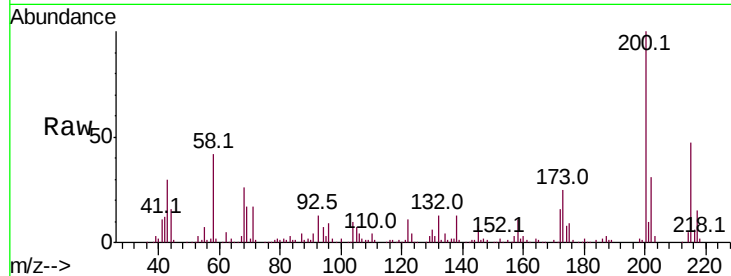




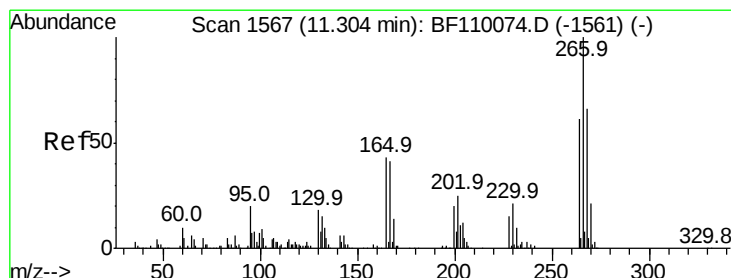
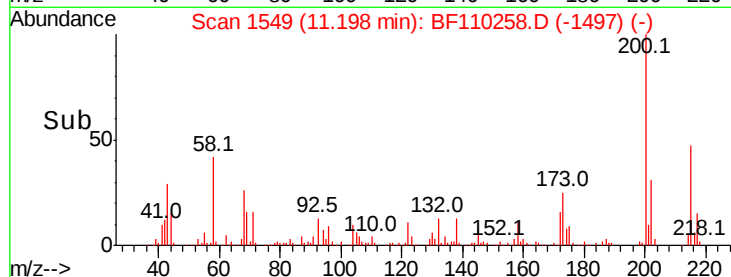
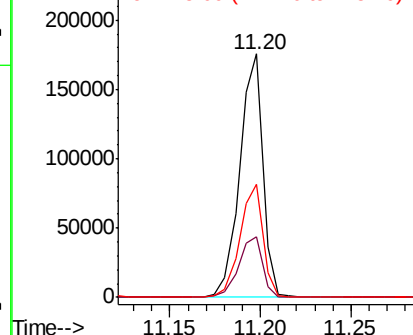
#69
Atrazine
Concen: 55.718 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 155535
Ion Ratio Lower Upper
200 100
173 25.1 6.6 46.6
215 46.7 26.3 66.3

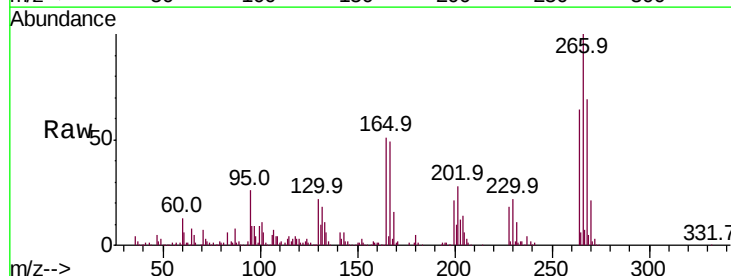


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

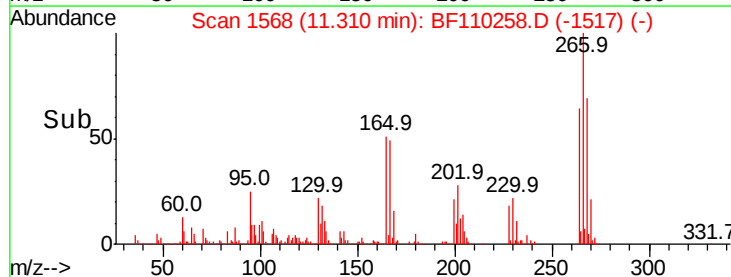
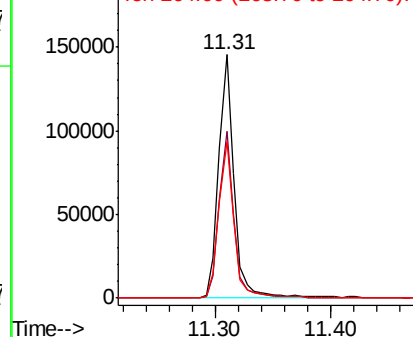


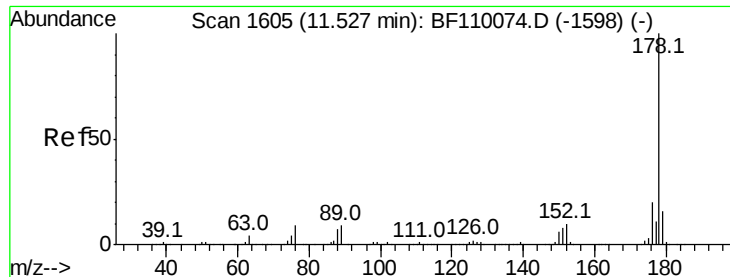
#70
Pentachlorophenol
Concen: 74.912 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion:266 Resp: 135388
Ion Ratio Lower Upper
266 100
268 68.5 50.6 75.8
264 64.5 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

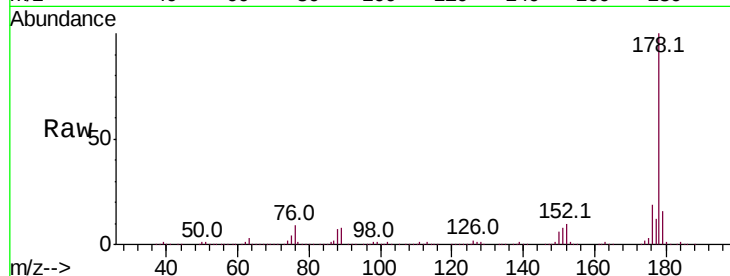




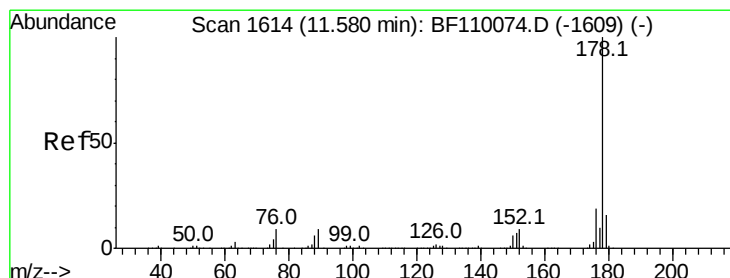
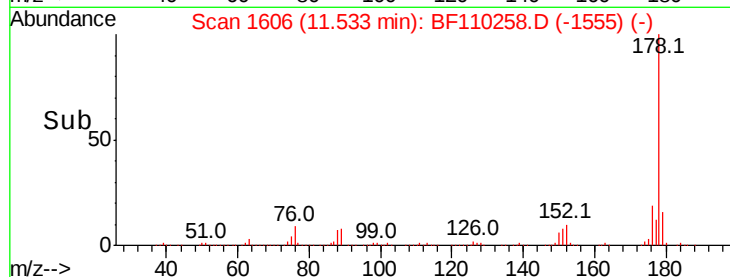
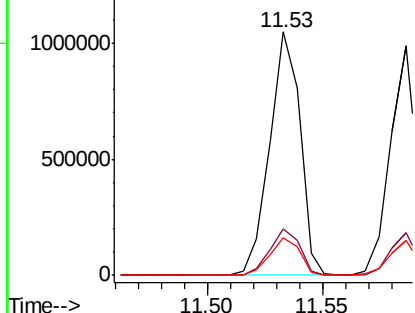
#71
Phenanthrene
Concen: 68.223 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 961338
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.6 12.5 18.7

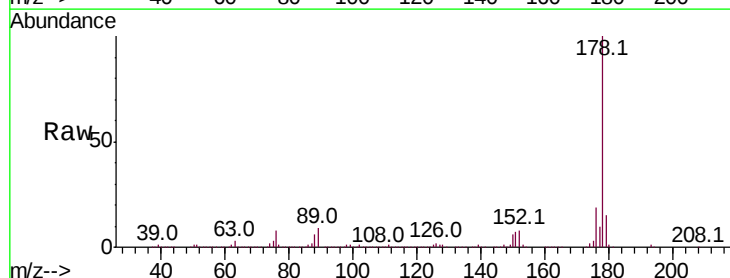


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

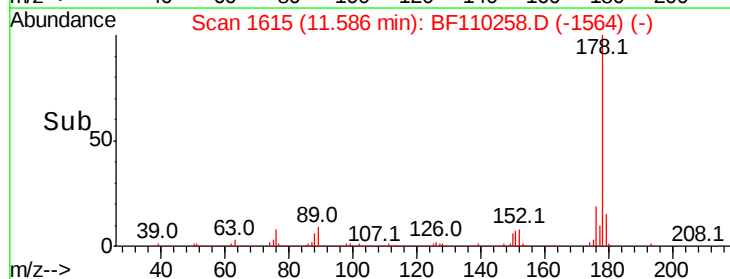
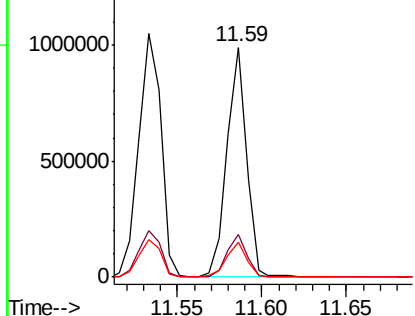


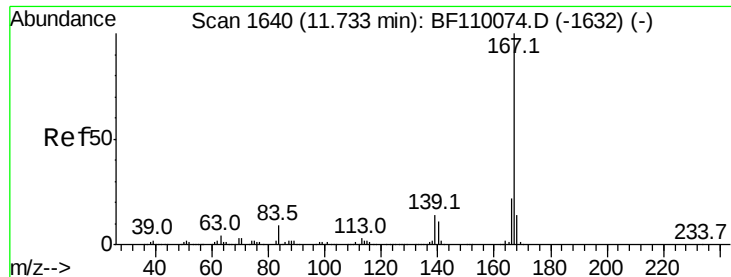
#72
Anthracene
Concen: 56.386 ng
RT: 11.59 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion:178 Resp: 796404
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.4 12.6 18.8



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

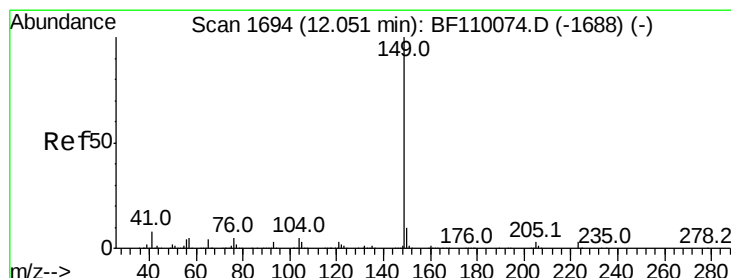
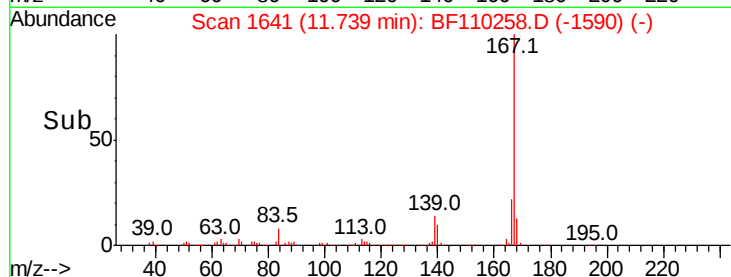
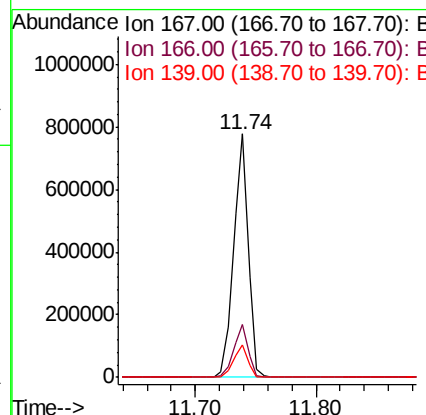
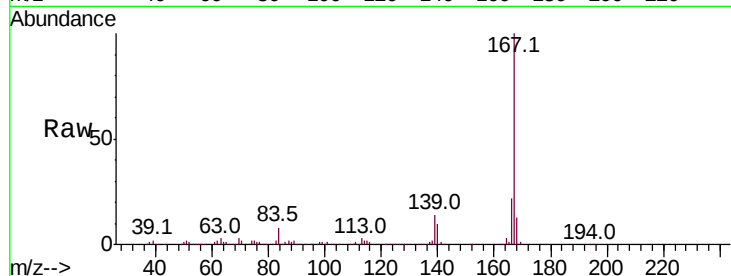




#73
 Carbazole
 Concen: 47.479 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

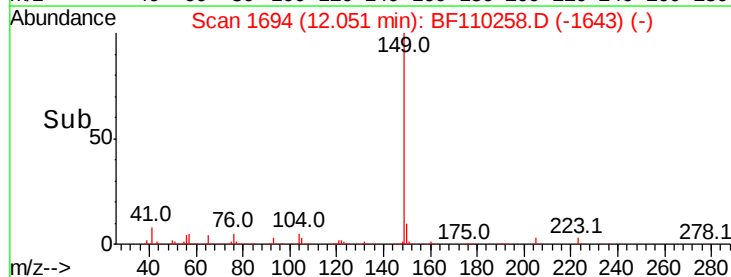
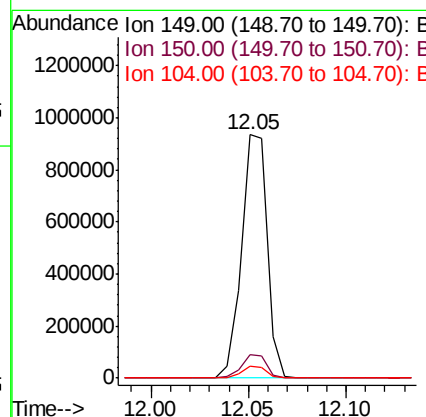
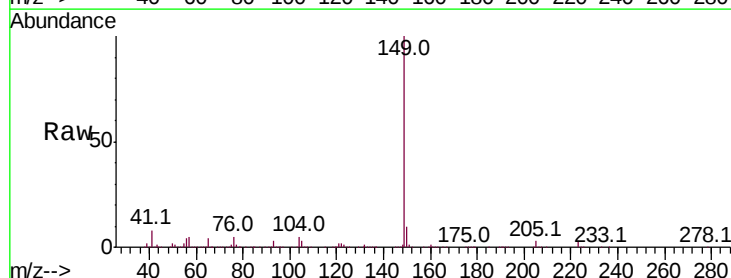
Instrument :
 BNA_F
 ClientSampleId :

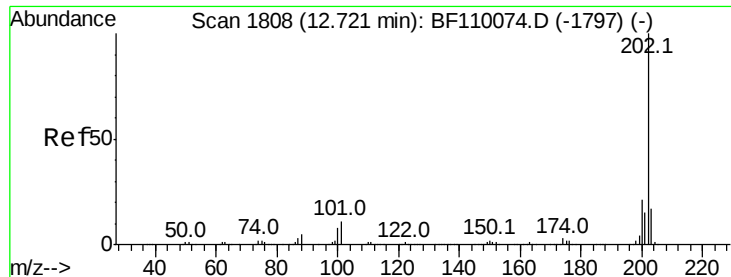
Tot Ion:167 Resp: 654769
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.5 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 54.656 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Tgt Ion:149 Resp: 851274
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.2 4.2 6.4

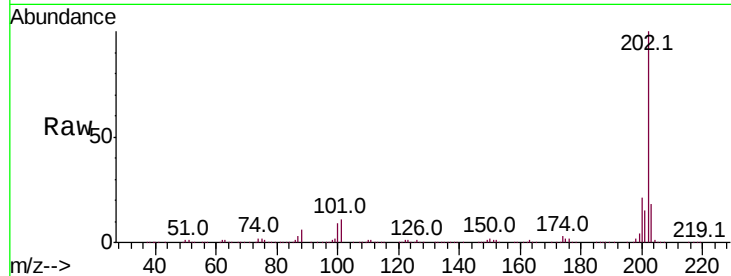




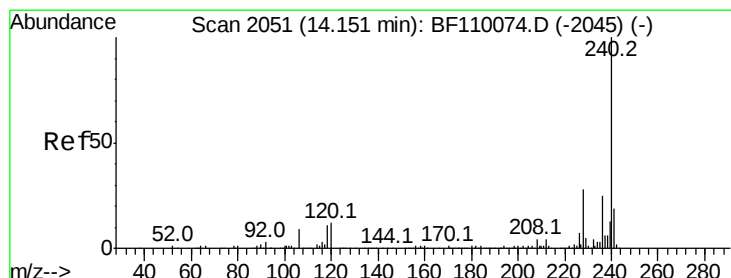
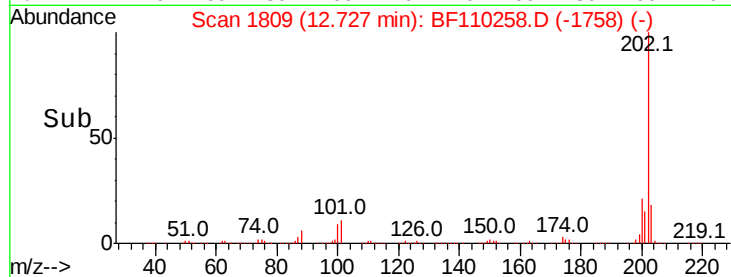
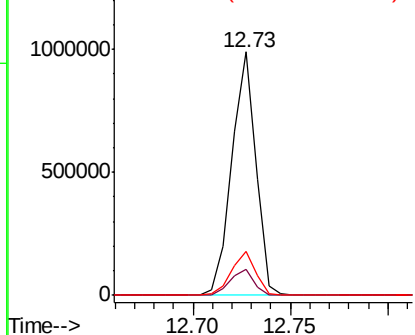
#75
Fluoranthene
Concen: 59.256 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.9	0.0	37.7

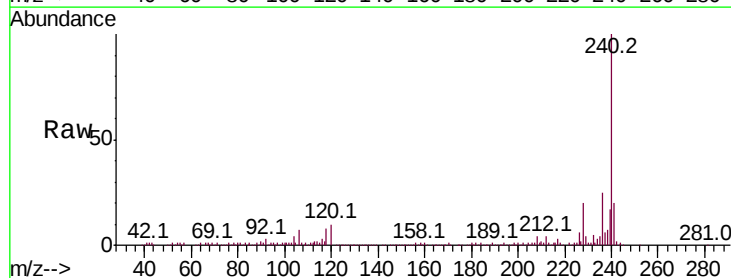


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

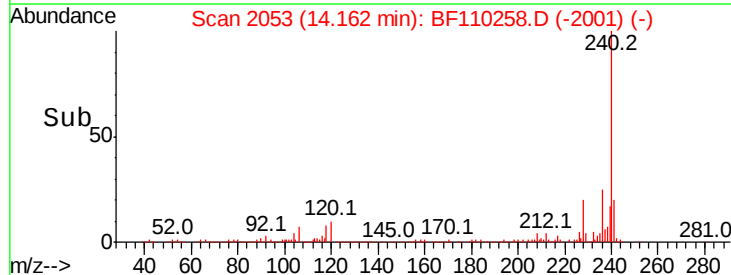
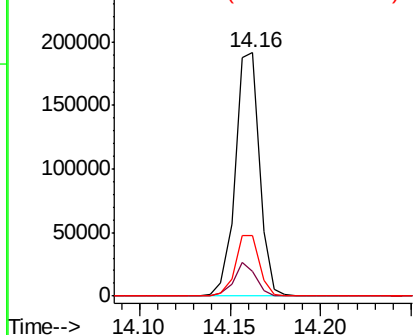


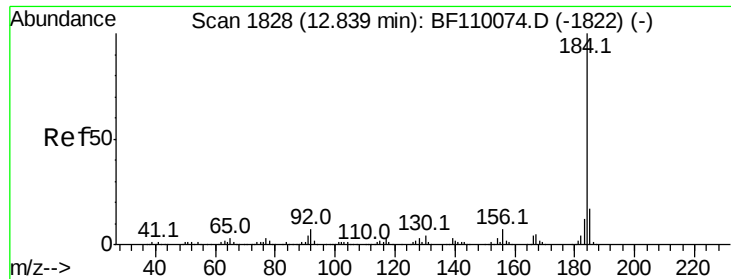
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	24.7	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: 37.267 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

ClientSampled :

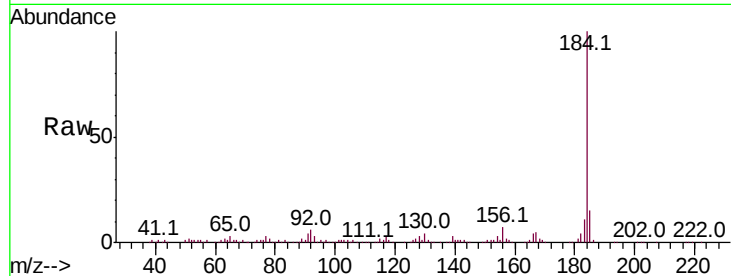
Tot Ion:184 Resp: 203160

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.2

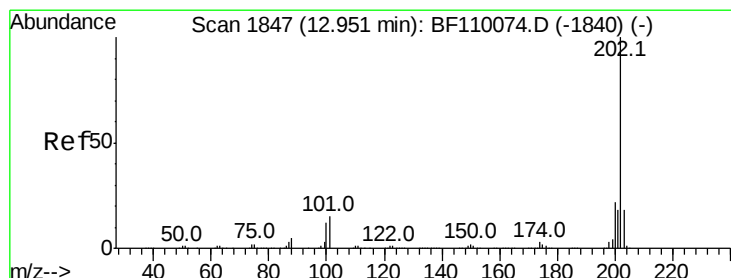
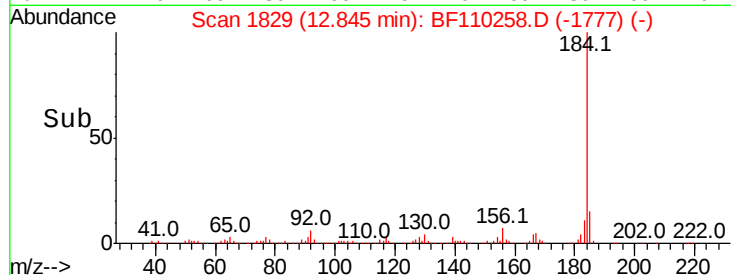
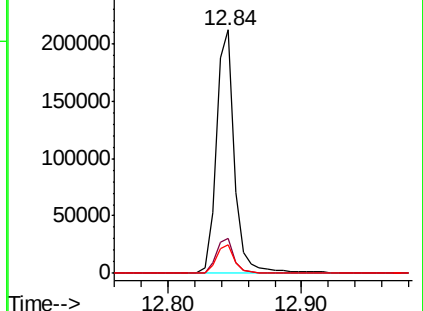
183 11.5 9.4 14.2



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: 63.438 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

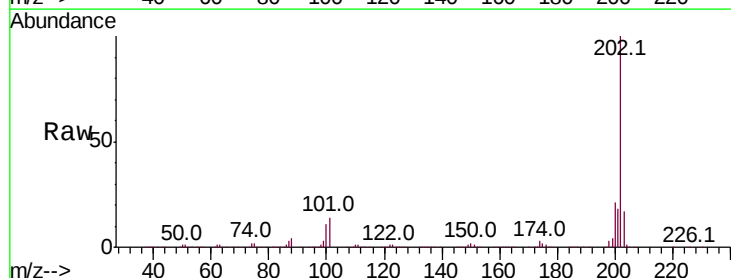
Tgt Ion:202 Resp: 811206

Ion Ratio Lower Upper

202 100

200 21.2 17.8 26.6

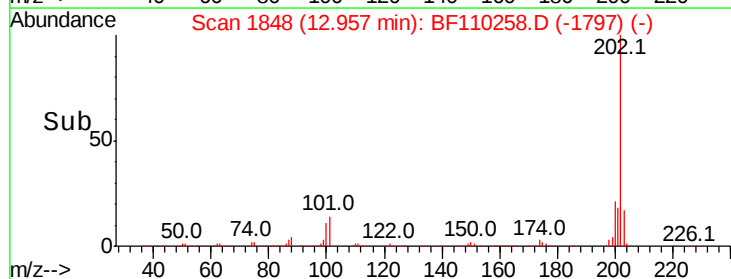
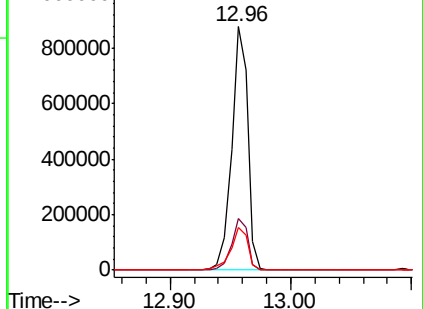
203 17.4 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

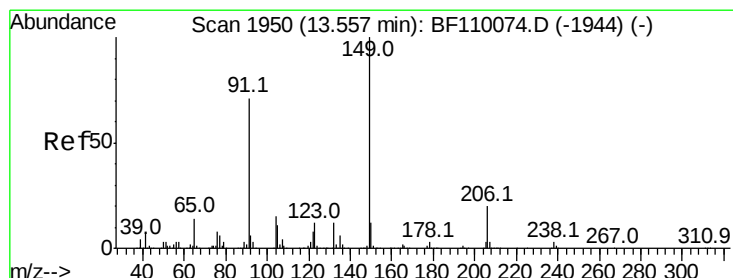
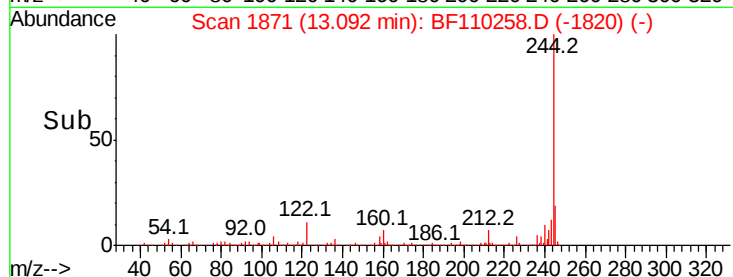
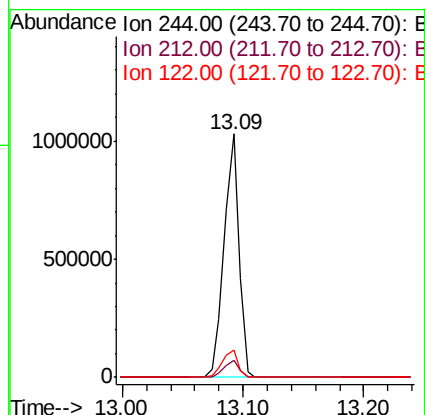
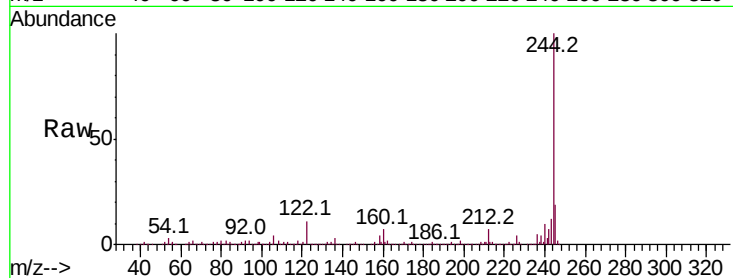




#79
 Terphenyl-d14
 Concen: 102.251 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

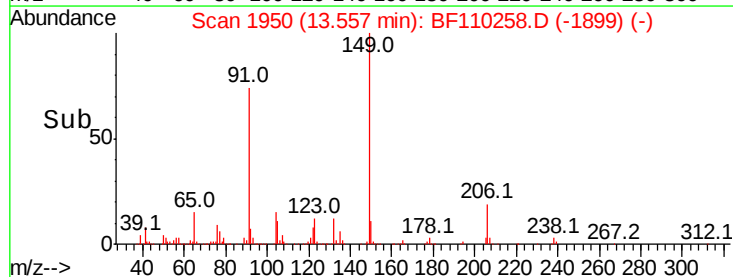
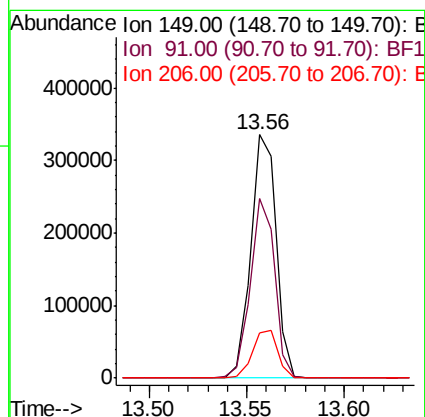
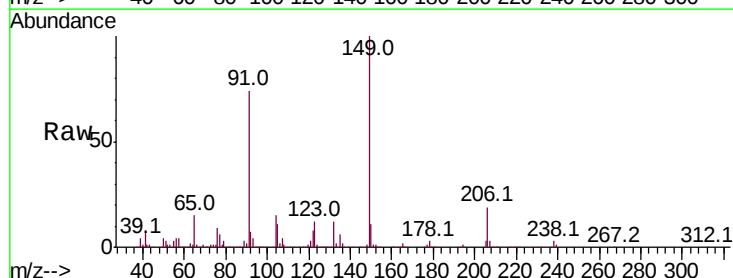
Instrument :
 BNA_F
 ClientSampled :

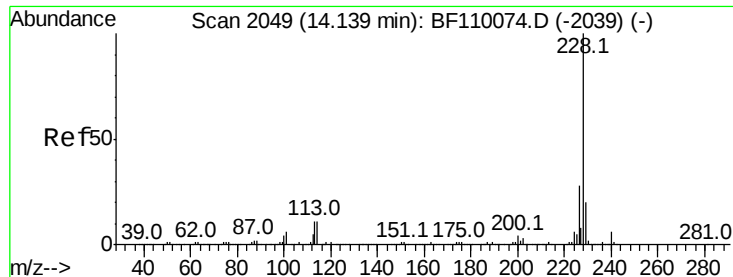
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.3	8.7	13.1



#80
 Butylbenzylphthalate
 Concen: 54.542 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.8	57.2	85.8
206	18.8	15.7	23.5

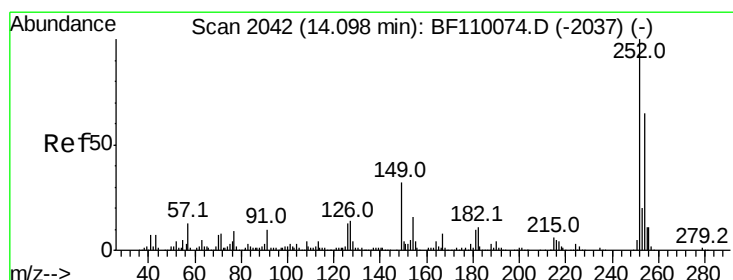
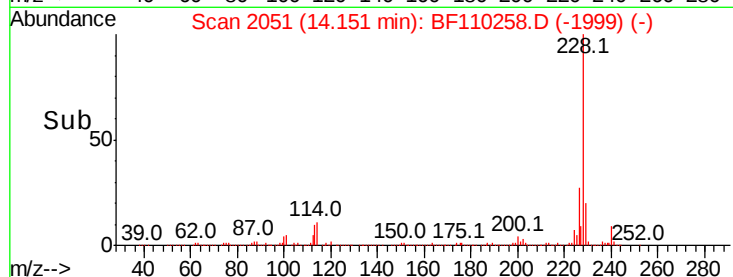
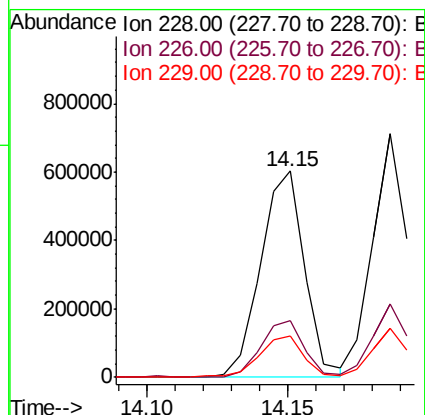
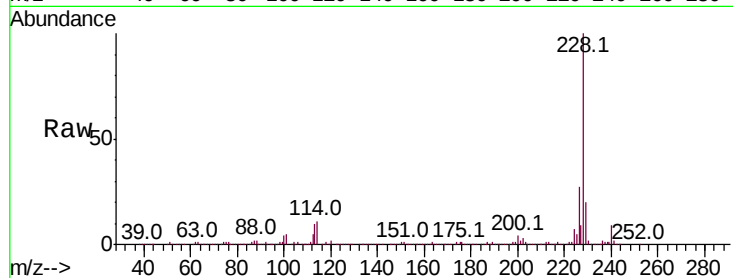




#81
Benzo(a)anthracene
Concen: 61.107 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

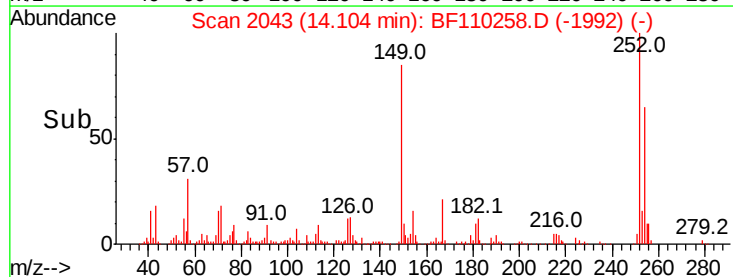
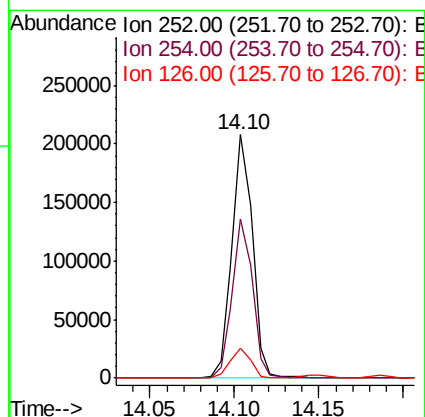
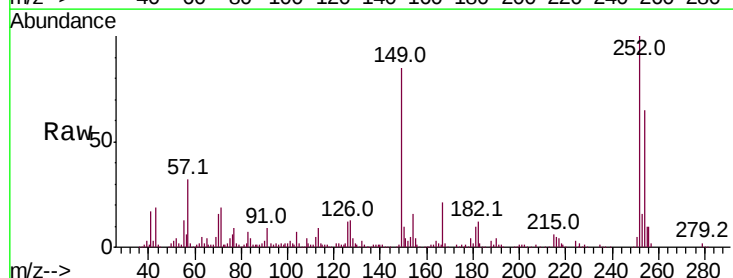
Instrument :
BNA_F
ClientSampleId :

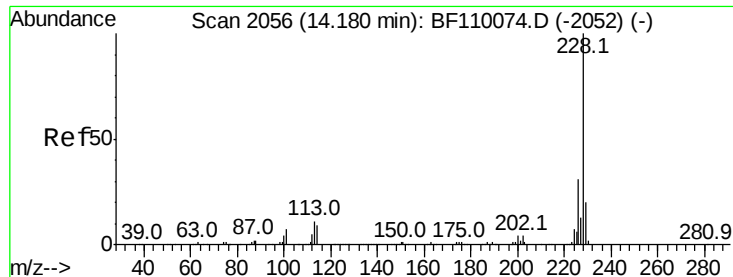
Tot Ion:228 Resp: 646355
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 20.2 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 47.857 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion:252 Resp: 176270
Ion Ratio Lower Upper
252 100
254 65.3 51.3 76.9
126 12.3 9.4 14.2





#83

Chrysene

Concen: 58.920 ng

RT: 14.19 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

ClientSampled :

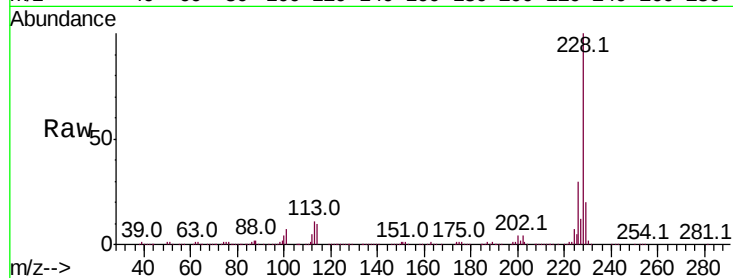
Tot Ion:228 Resp: 591945

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	20.3	15.9	23.9

228 100

226 30.4 24.7 37.1

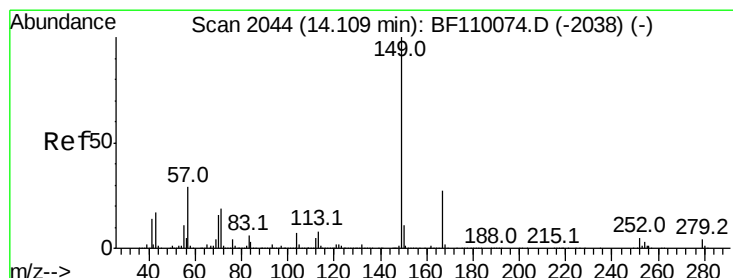
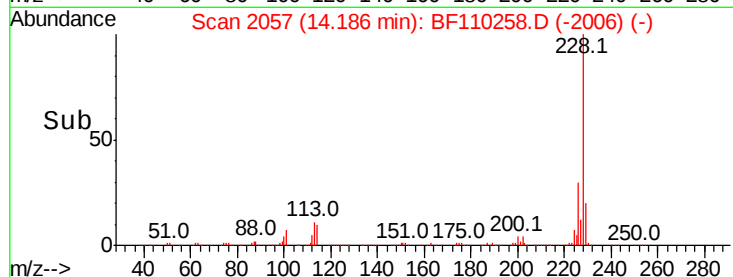
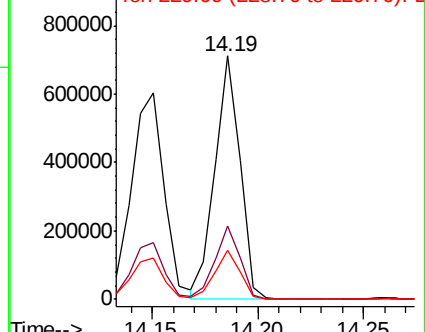
229 20.3 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.611 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

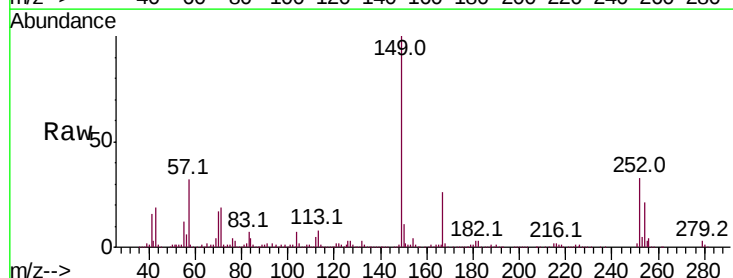
Tgt Ion:149 Resp: 409731

Ion	Ratio	Lower	Upper
149	100		
167	26.0	19.8	29.8
279	3.1	2.7	4.1

149 100

167 26.0 19.8 29.8

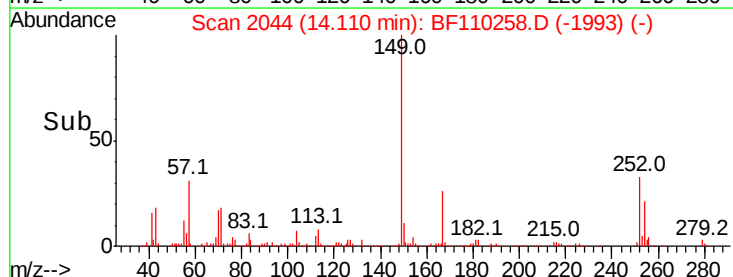
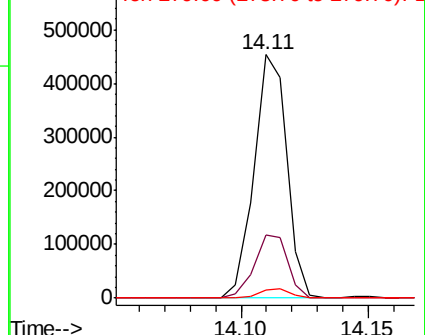
279 3.1 2.7 4.1

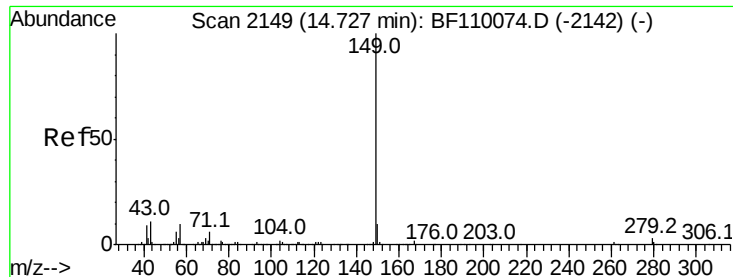


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

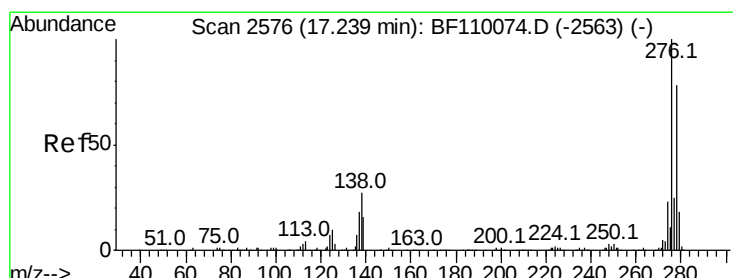
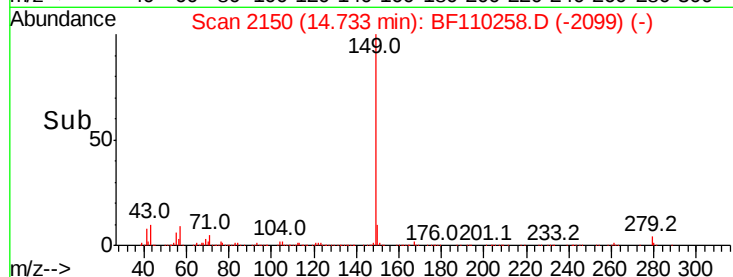
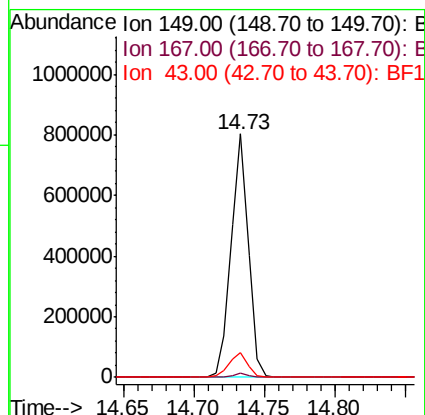
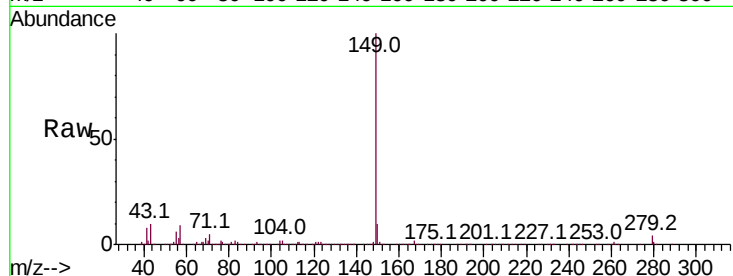




#85
Di-n-octyl phthalate
Concen: 58.434 ng
RT: 14.73 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

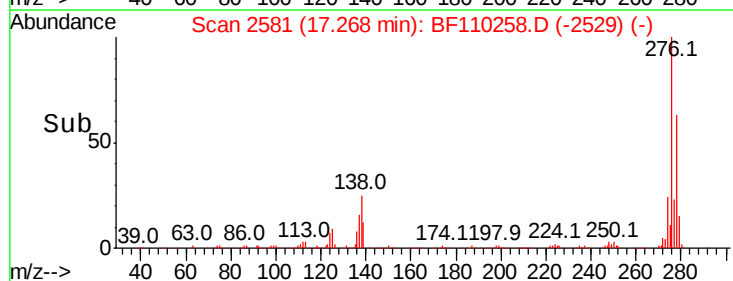
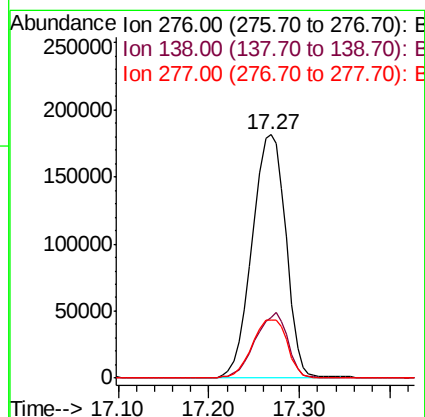
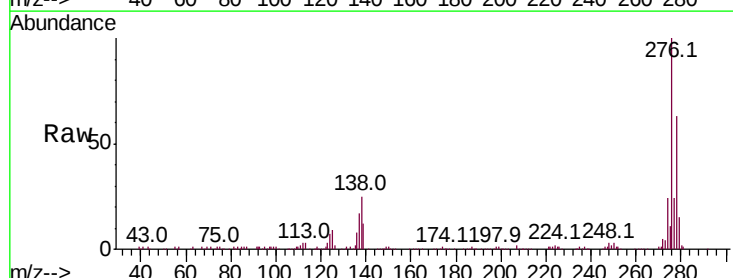
Instrument :
BNA_F
ClientSampleId :

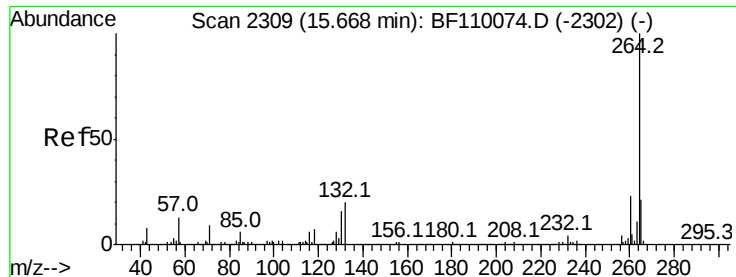
Tot Ion:149 Resp: 681704
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7#
43 10.4 7.8 11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 56.523 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.01 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion:276 Resp: 471092
Ion Ratio Lower Upper
276 100
138 26.1 18.5 27.7
277 25.2 20.0 30.0

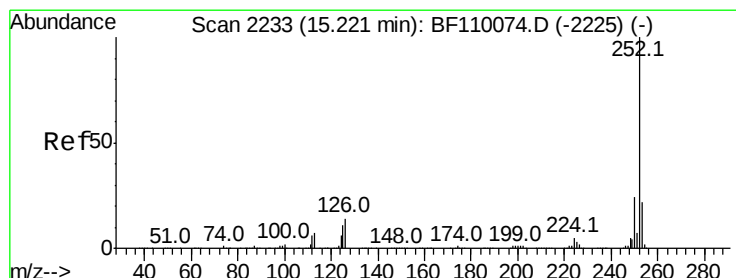
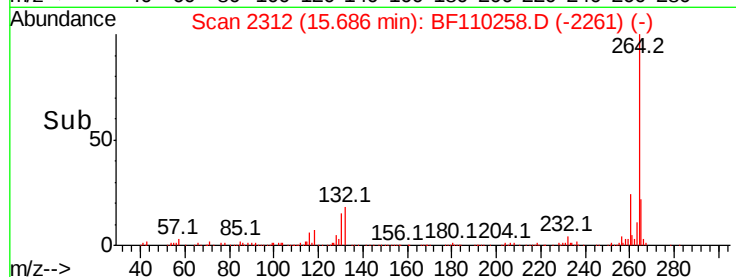
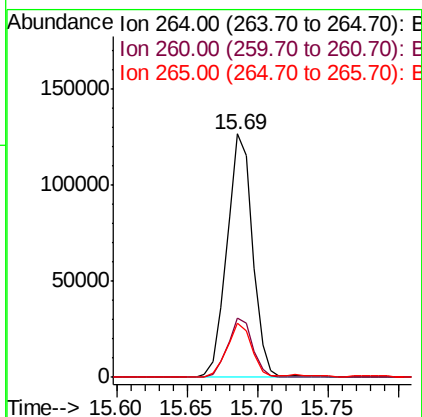
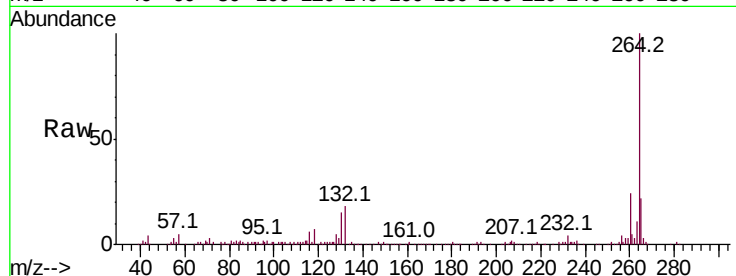




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

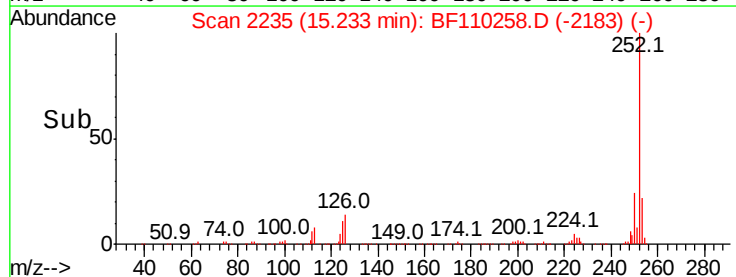
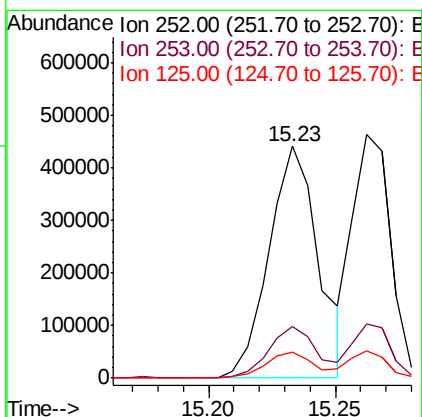
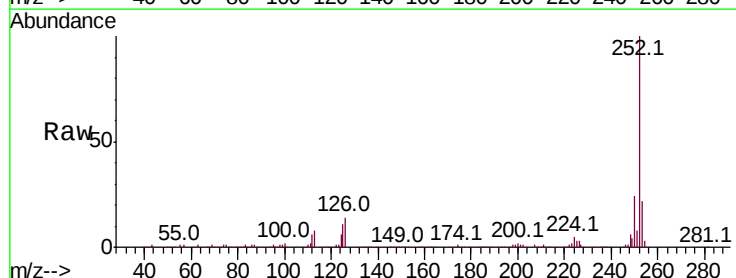
Instrument :
 BNA_F
 ClientSampleId :

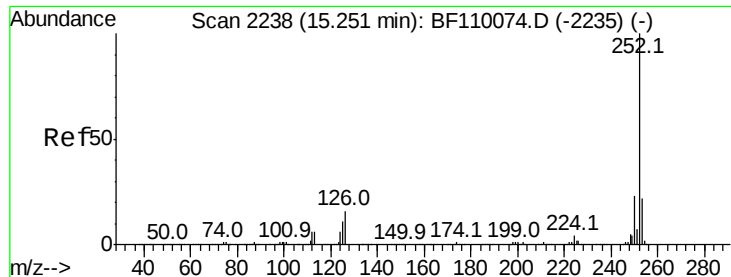
Tot Ion:264 Resp: 160228
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 22.3 16.7 25.1



#88
 Benzo(b)fluoranthene
 Concen: 64.453 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. 0.01 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Tgt Ion:252 Resp: 596360
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.2 25.8
 125 11.0 8.2 12.4

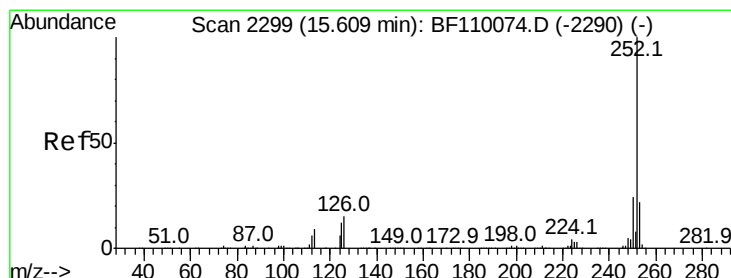
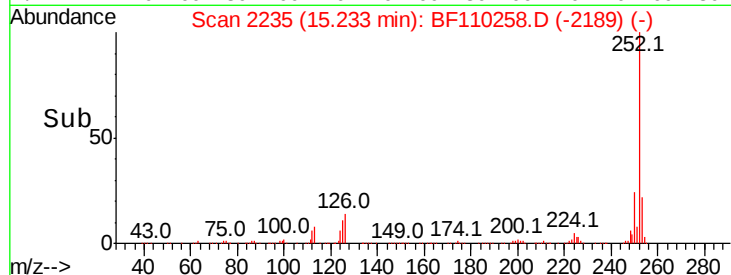
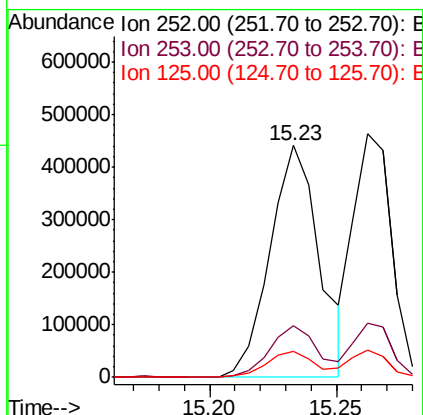
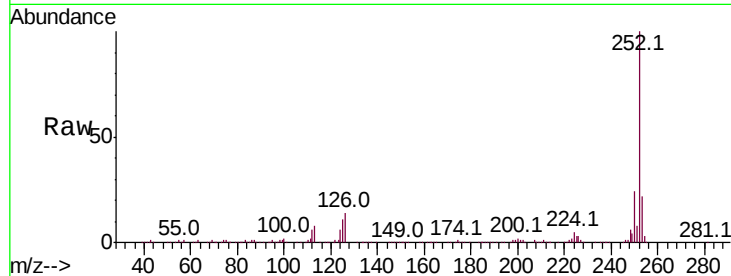




#89
Benzo(k)fluoranthene
Concen: 65.561 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.03 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

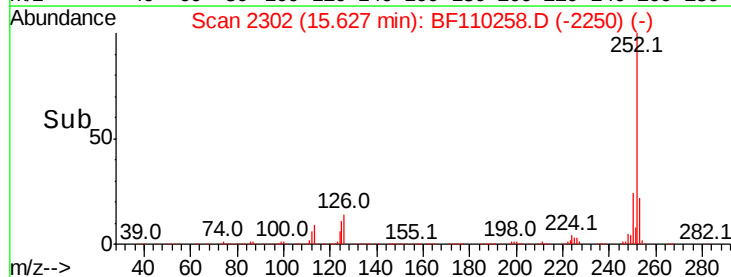
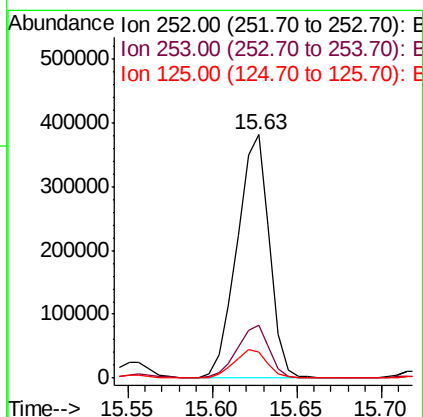
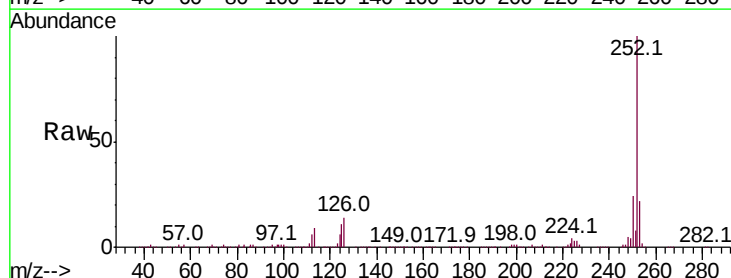
Instrument :
BNA_F
ClientSampleId :

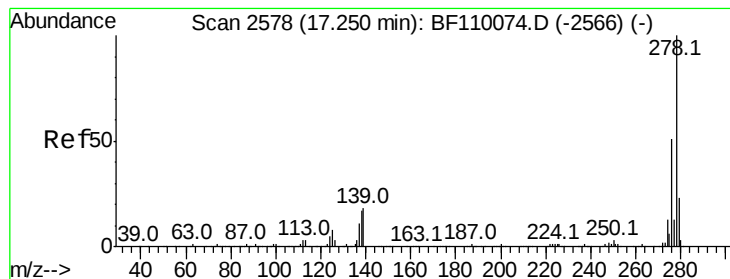
Tot Ion:252 Resp: 596360
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 11.0 7.4 11.0



#90
Benzo(a)pyrene
Concen: 59.880 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion:252 Resp: 509813
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 10.8 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 51.385 ng

RT: 17.28 min Scan# 2583

Delta R.T. 0.01 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

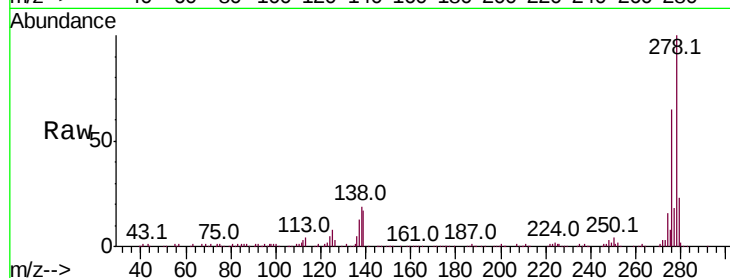
Instrument :

BNA_F

ClientSampled :

Tot Ion:278 Resp: 377487

Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.7	19.1
279	23.2	19.0	28.4

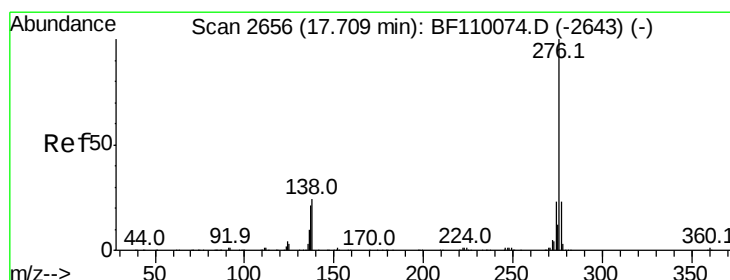
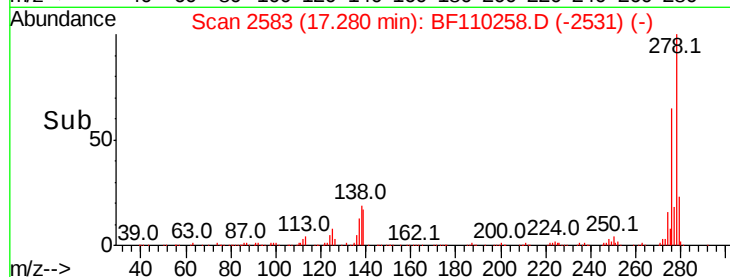
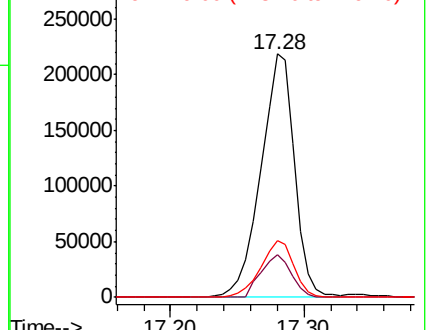


Abundance

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: 52.806 ng

RT: 17.74 min Scan# 2662

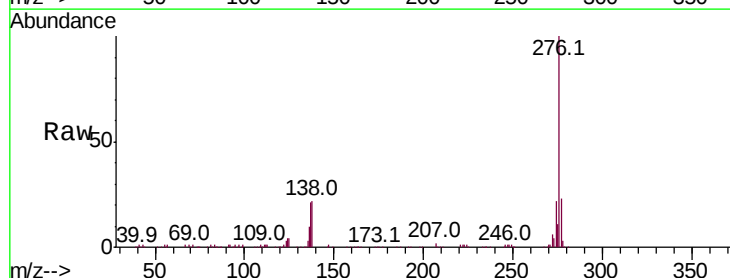
Delta R.T. 0.01 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Tgt Ion:276 Resp: 382267

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.8	28.2
138	22.2	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

