

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110078.D
 Acq On : 23 Oct 2018 14:49
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 15:19:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 14:33:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	164475	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	696348	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	336797	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	648487	20.00	ng	-0.01
76) Chrysene-d12	14.16	240	511829	20.00	ng	0.00
87) Perylene-d12	15.67	264	431099	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	790152	39.12	ng	-0.02
7) Phenol-d6	6.59	99	1008090	39.02	ng	-0.02
23) Nitrobenzene-d5	7.53	82	935733	39.85	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	271328	40.66	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1718712	40.07	ng	-0.01
79) Terphenyl-d14	13.09	244	1843457	37.45	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.81	88	207882	39.285	ng	91
3) Pyridine	3.59	79	477476	40.511	ng	89
4) n-Nitrosodimethylamine	3.55	42	202110	40.930	ng	# 95
6) Aniline	6.63	93	671740	39.916	ng	# 53
8) 2-Chlorophenol	6.75	128	466369	40.051	ng	99
9) Benzaldehyde	6.52	77	304781	40.883	ng	95
10) Phenol	6.60	94	544987	39.465	ng	# 66
11) bis(2-Chloroethyl)ether	6.70	93	446545	39.305	ng	92
12) 1,3-Dichlorobenzene	6.91	146	506157	39.498	ng	97
13) 1,4-Dichlorobenzene	6.99	146	506063	39.047	ng	98
14) 1,2-Dichlorobenzene	7.14	146	476613	39.614	ng	100
15) Benzyl Alcohol	7.10	79	401755	40.434	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	716161	39.425	ng	69
17) 2-Methylphenol	7.21	107	370629	39.937	ng	# 80
18) Hexachloroethane	7.48	117	189587	39.955	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	326154	39.353	ng	96
20) 3+4-Methylphenols	7.36	107	476413	39.715	ng	92
22) Acetophenone	7.37	105	631942	39.385	ng	97
24) Nitrobenzene	7.55	77	480983	39.682	ng	94
25) Isophorone	7.79	82	791353	39.543	ng	97
26) 2-Nitrophenol	7.86	139	242364	42.019	ng	97
27) 2,4-Dimethylphenol	7.89	122	382785	40.028	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	536331	39.450	ng	99
29) 2,4-Dichlorophenol	8.10	162	390655	40.435	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	433915	40.096	ng	95
31) Naphthalene	8.27	128	1260941	39.289	ng	100
32) Benzoic acid	8.02	122	303260	41.031	ng	92
33) 4-Chloroaniline	8.32	127	563965	39.045	ng	97
34) Hexachlorobutadiene	8.39	225	238598	39.709	ng	99
35) Caprolactam	8.70	113	140915	41.847	ng	# 86
36) 4-Chloro-3-methylphenol	8.80	107	419273	40.132	ng	92
37) 2-Methylnaphthalene	8.96	142	839717	39.545	ng	99
38) 1-Methylnaphthalene	9.06	142	805551	39.257	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	412540	39.312	ng	99

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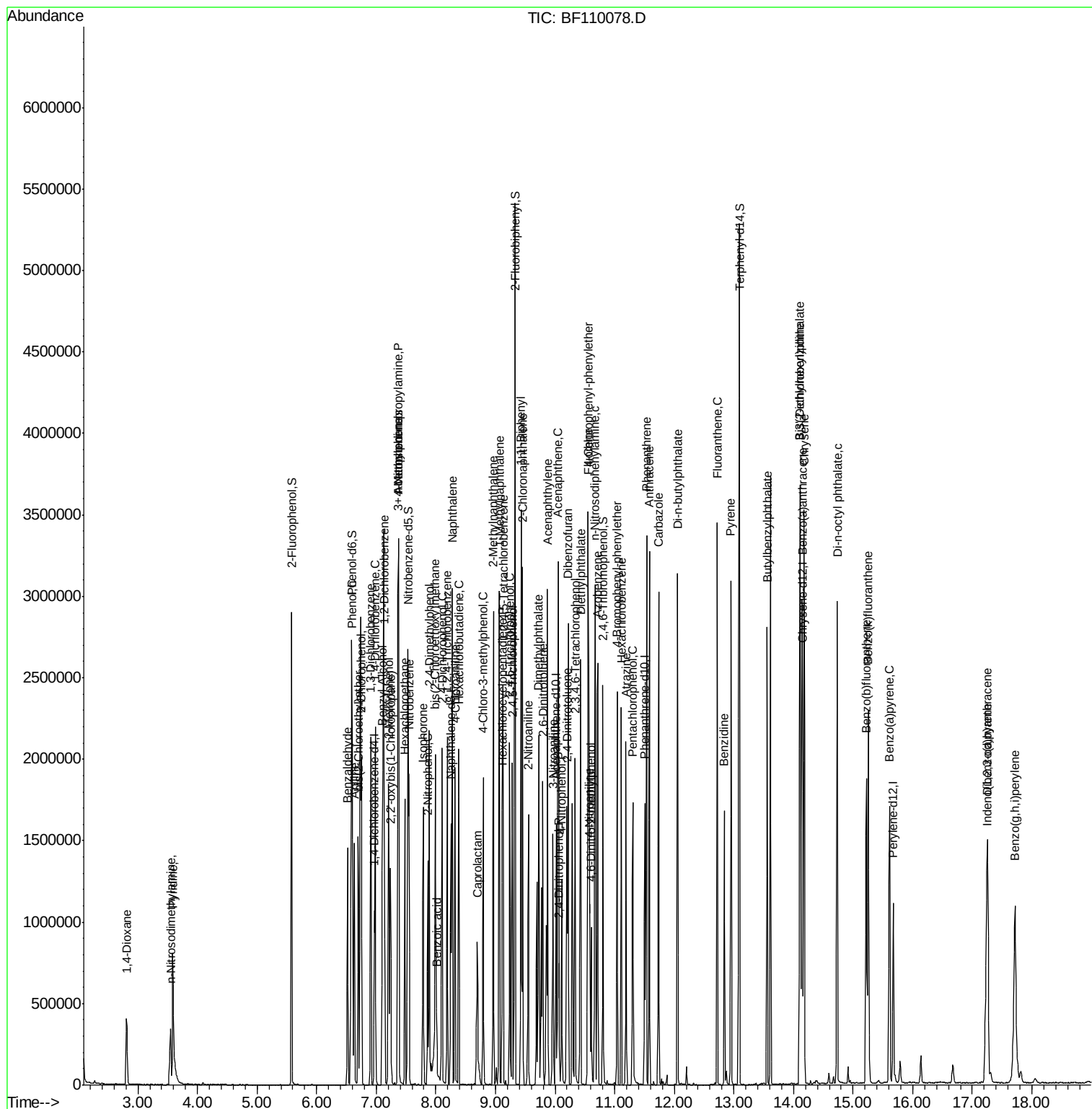
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	217778	40.586	ng	99
43) 2,4,6-Trichlorophenol	9.24	196	265808	39.272	ng	92
44) 2,4,5-Trichlorophenol	9.28	196	282608	39.501	ng	95
46) 1,1'-Biphenyl	9.43	154	1185339	38.919	ng	99
47) 2-Chloronaphthalene	9.46	162	873109	39.081	ng	98
48) 2-Nitroaniline	9.55	65	277716	41.022	ng	97
49) Acenaphthylene	9.87	152	1274157	39.487	ng	98
50) Dimethylphthalate	9.73	163	988743	39.770	ng	99
51) 2,6-Dinitrotoluene	9.79	165	227044	42.396	ng	97
52) Acenaphthene	10.05	154	845533	39.610	ng	98
53) 3-Nitroaniline	9.97	138	261557	41.071	ng	88
54) 2,4-Dinitrophenol	10.07	184	81917	41.224	ng	89
55) Dibenzofuran	10.22	168	1176230	39.356	ng	96
56) 4-Nitrophenol	10.12	139	204114	43.305	ng	89
57) 2,4-Dinitrotoluene	10.20	165	296397	43.574	ng	90
58) Fluorene	10.56	166	876886	39.422	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	235441	40.374	ng	94
60) Diethylphthalate	10.43	149	976684	40.244	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	461220	39.306	ng	99
62) 4-Nitroaniline	10.58	138	263340	41.575	ng	93
63) Azobenzene	10.72	77	962509	39.956	ng	95
65) 4,6-Dinitro-2-methylphenol	10.61	198	126768	42.787	ng	97
66) n-Nitrosodiphenylamine	10.67	169	841400	39.557	ng	96
67) 4-Bromophenyl-phenylether	11.05	248	279854	39.785	ng	95
68) Hexachlorobenzene	11.11	284	294333	39.436	ng	# 87
69) Atrazine	11.20	200	266699	39.676	ng	99
70) Pentachlorophenol	11.30	266	194167	44.615	ng	98
71) Phenanthrene	11.53	178	1322719	38.982	ng	100
72) Anthracene	11.58	178	1339229	39.376	ng	100
73) Carbazole	11.74	167	1311958	39.507	ng	99
74) Di-n-butylphthalate	12.06	149	1525061	40.662	ng	99
75) Fluoranthene	12.72	202	1365103	39.641	ng	98
77) Benzidine	12.84	184	582409	37.208	ng	97
78) Pyrene	12.96	202	1417070	38.619	ng	98
80) Butylbenzylphthalate	13.56	149	642761	40.358	ng	97
81) Benzo(a)anthracene	14.14	228	1216148	40.067	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	419755	39.715	ng	99
83) Chrysene	14.18	228	1134569	39.355	ng	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	875406	40.661	ng	# 95
85) Di-n-octyl phthalate	14.73	149	1425997	42.596	ng	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	944508	39.492	ng	96
88) Benzo(b)fluoranthene	15.22	252	1045117	41.982	ng	98
89) Benzo(k)fluoranthene	15.26	252	956805	39.095	ng	# 97
90) Benzo(a)pyrene	15.62	252	925385	40.398	ng	98
91) Dibenzo(a,h)anthracene	17.26	278	784661	39.699	ng	99
92) Benzo(g,h,i)perylene	17.72	276	755933	38.812	ng	97

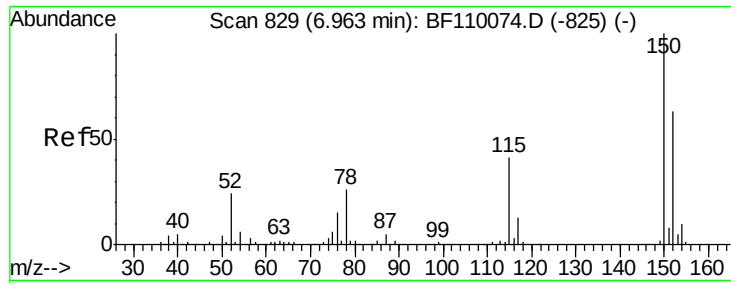
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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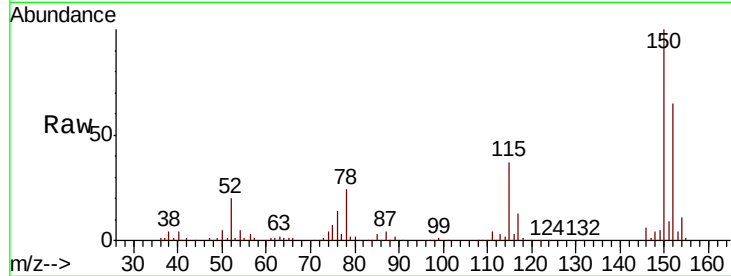


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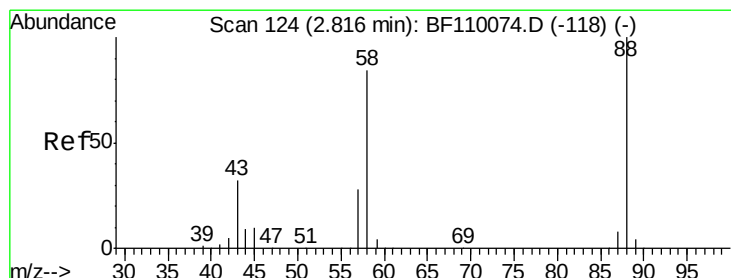
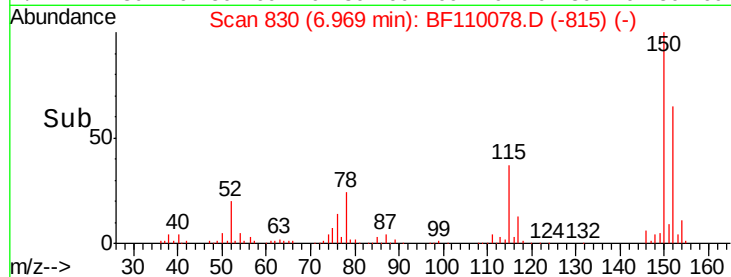
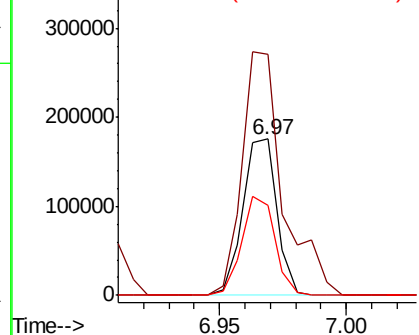
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164475
Ion Ratio Lower Upper
152 100
150 153.8 122.7 184.1
115 57.5 49.1 73.7



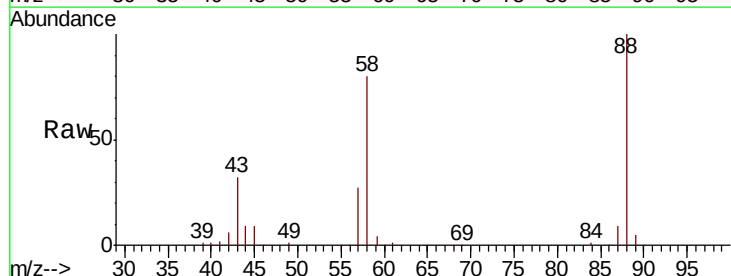
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



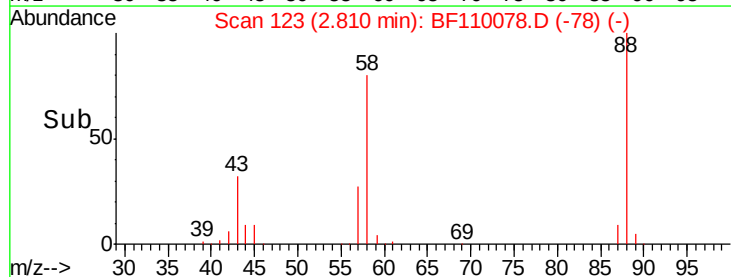
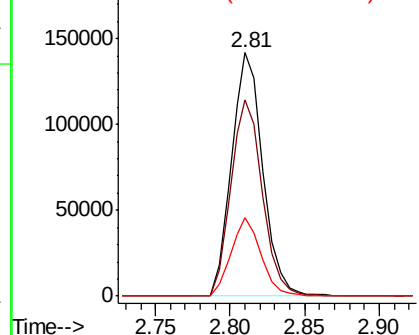
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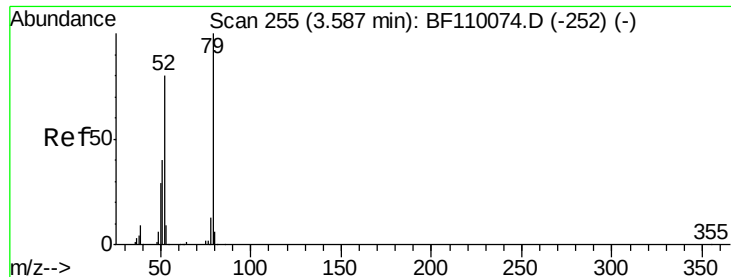
1,4-Dioxane
Concen: 39.285 ng
RT: 2.81 min Scan# 123
Delta R.T. -0.04 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Tgt Ion: 88 Resp: 207882
Ion Ratio Lower Upper
88 100
58 81.3 57.1 85.7
43 31.1 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: 40.511 ng

RT: 3.59 min Scan# 255

Delta R.T. -0.03 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Instrument :

BNA_F

ClientSampleId :

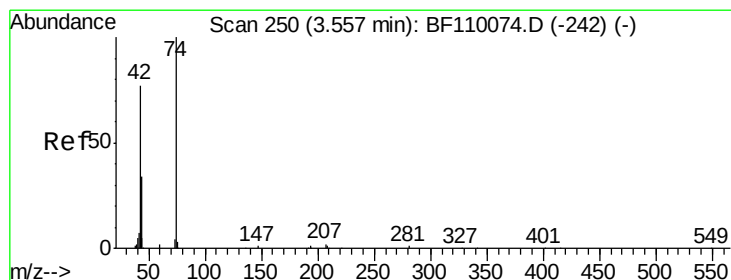
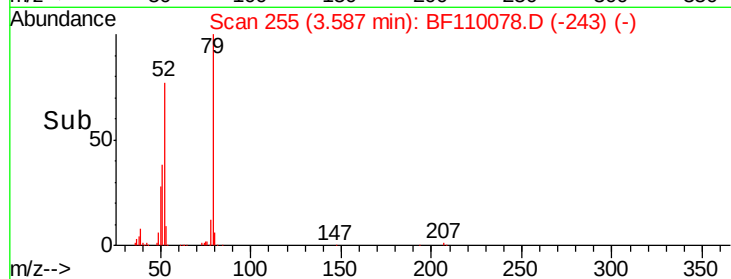
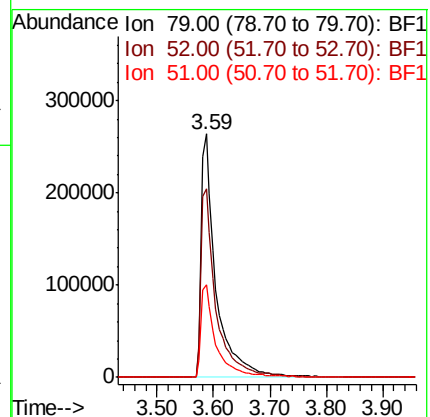
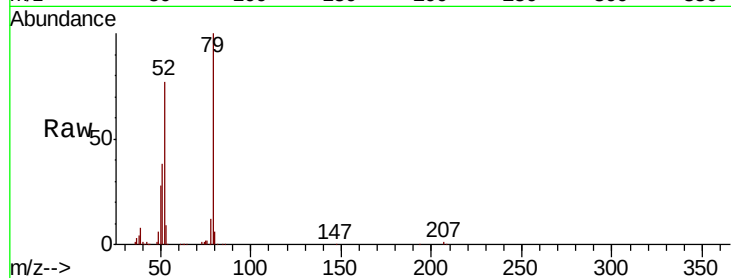
Tot Ion: 79 Resp: 477476

Ion Ratio Lower Upper

79 100

52 77.3 53.1 79.7

51 38.1 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 40.930 ng

RT: 3.55 min Scan# 249

Delta R.T. -0.03 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

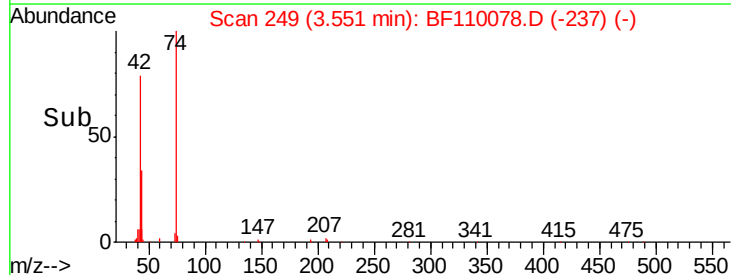
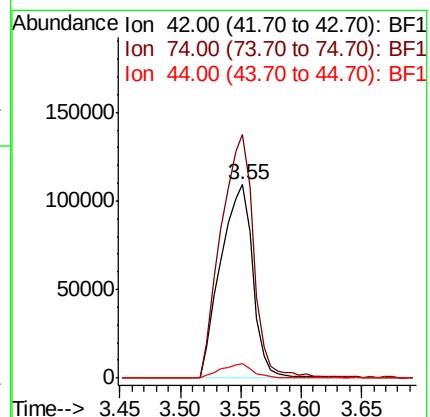
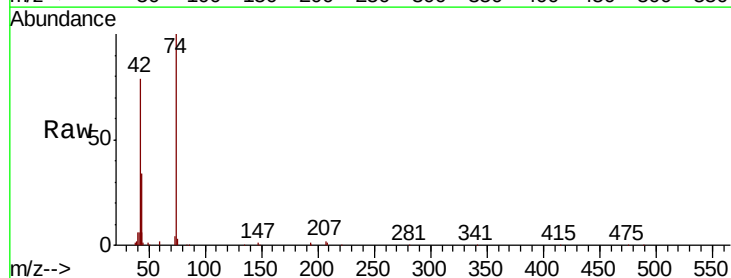
Tgt Ion: 42 Resp: 202110

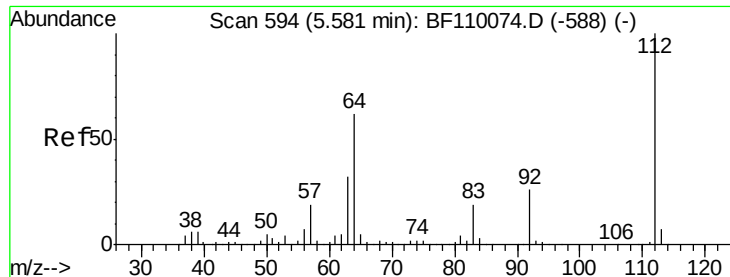
Ion Ratio Lower Upper

42 100

74 126.0 105.5 158.3

44 7.5 4.9 7.3#





#5

2-Fluorophenol

Concen: 39.116 ng

RT: 5.58 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Instrument :

BNA_F

ClientSampled :

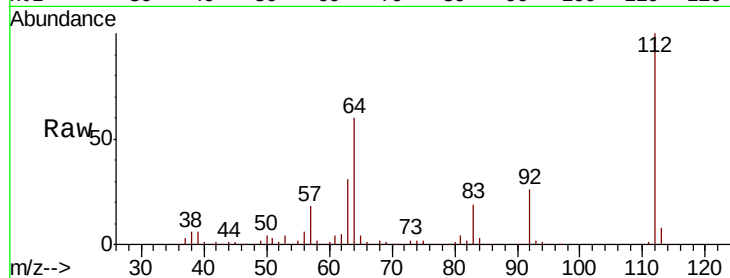
Tot Ion: 112 Resp: 790152

Ion Ratio Lower Upper

112 100

64 60.1 44.1 66.1

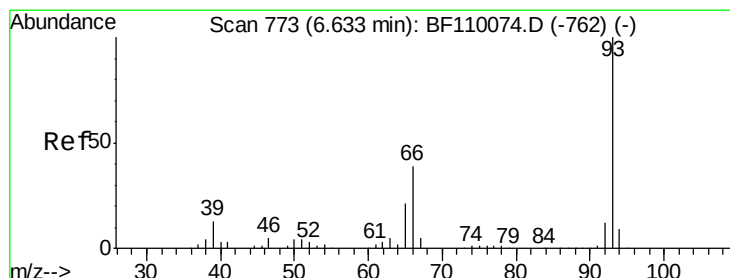
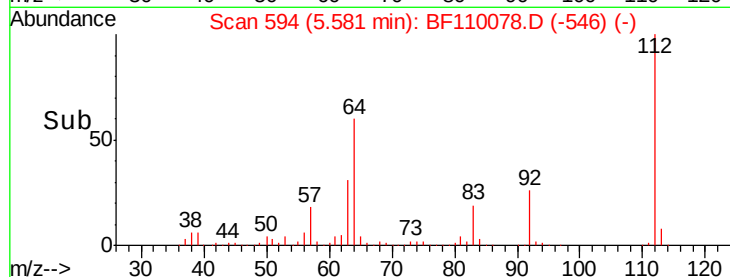
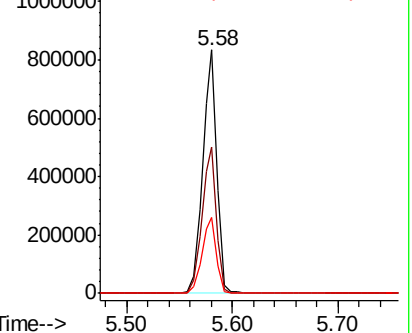
63 31.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.916 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

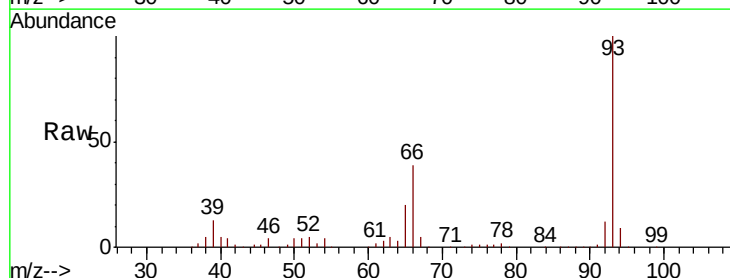
Tgt Ion: 93 Resp: 671740

Ion Ratio Lower Upper

93 100

66 39.4 67.4 101.0#

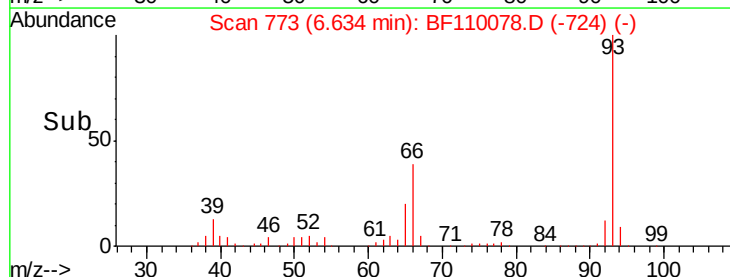
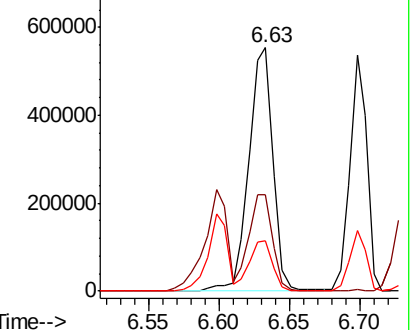
65 20.5 41.0 61.4#

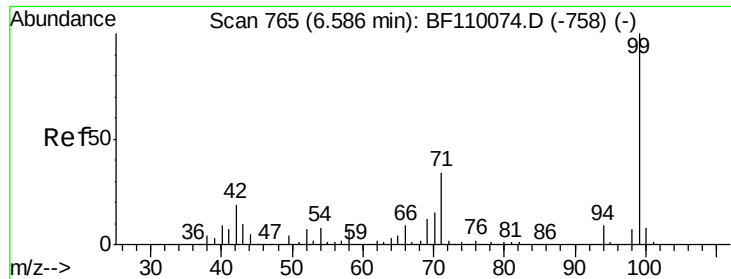


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 39.016 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

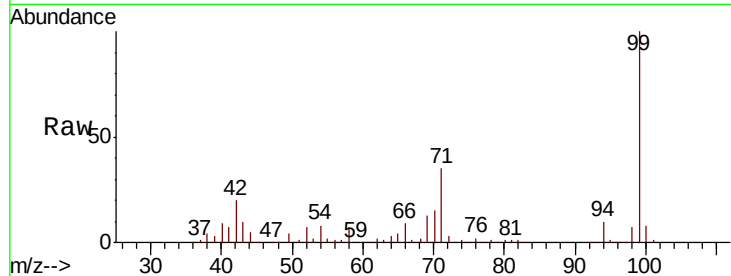
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1008090

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	35.1	28.0	42.0

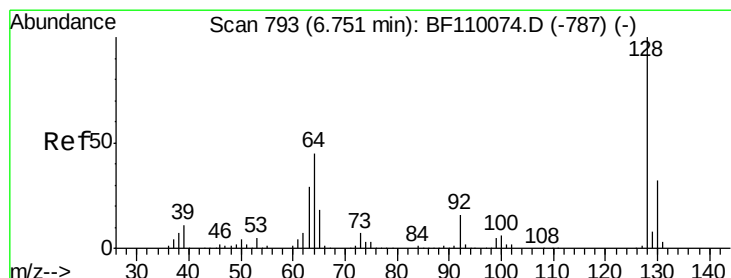
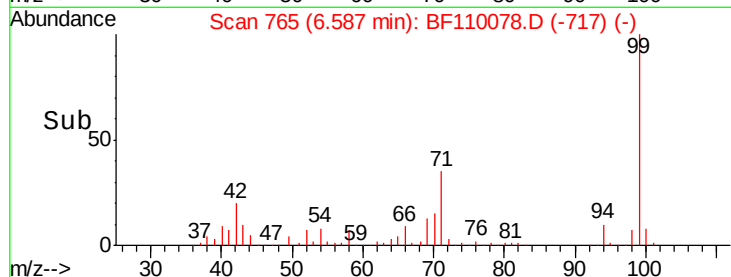
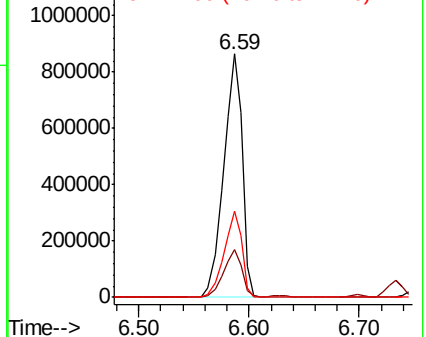


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.051 ng

RT: 6.75 min Scan# 793

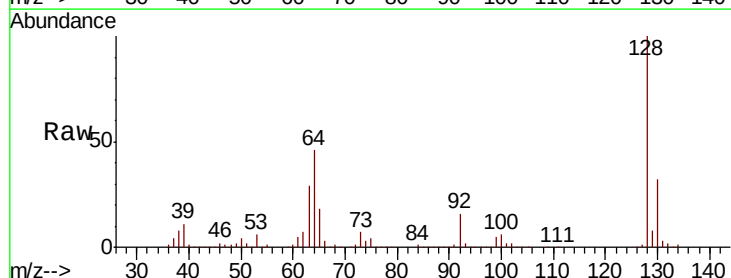
Delta R.T. -0.02 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Tgt Ion: 128 Resp: 466369

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.1	53.1
64	46.1	26.0	66.0

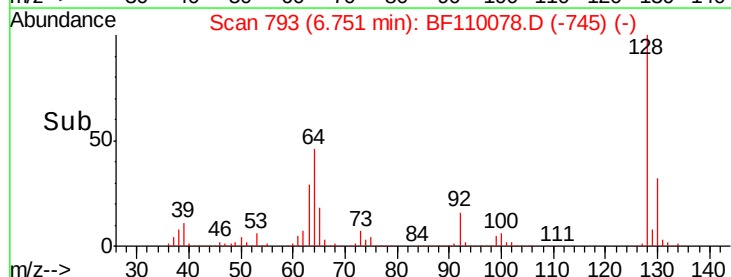
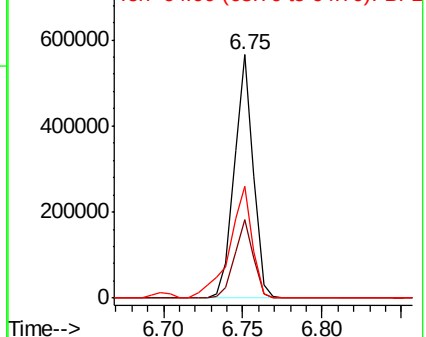


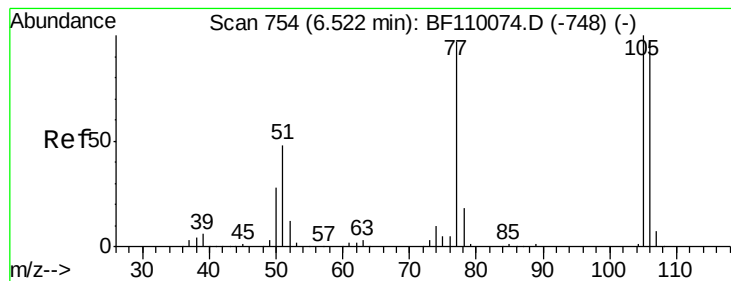
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.883 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Instrument :

BNA_F

ClientSampled :

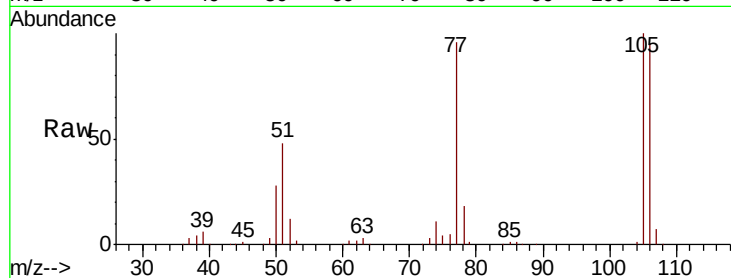
Tot Ion: 77 Resp: 304781

Ion Ratio Lower Upper

77 100

105 103.9 78.6 118.6

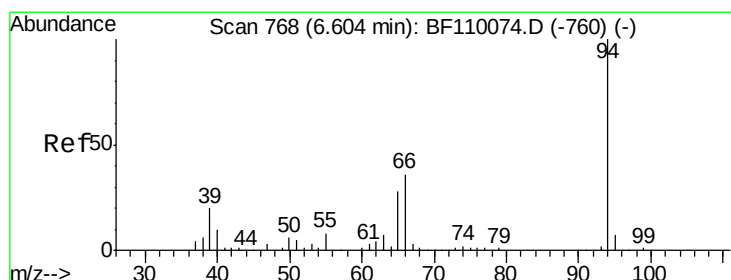
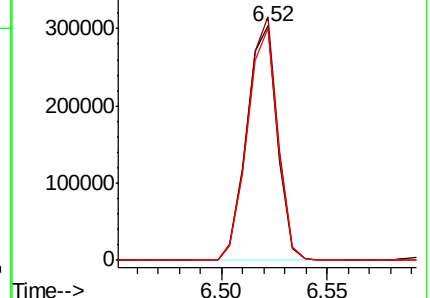
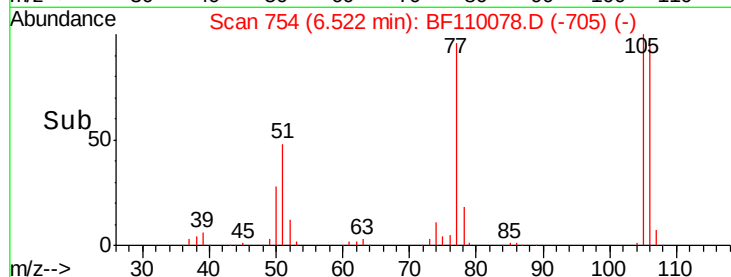
106 98.9 74.8 114.8



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: 39.465 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

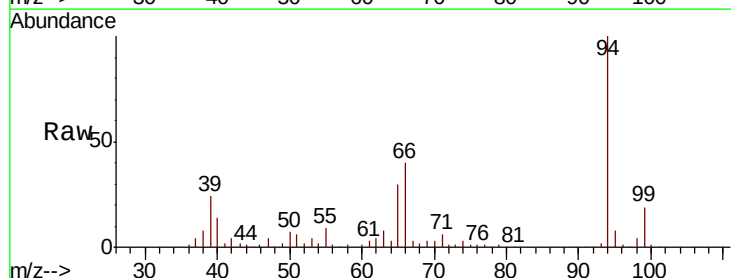
Tgt Ion: 94 Resp: 544987

Ion Ratio Lower Upper

94 100

65 30.3 25.3 65.3

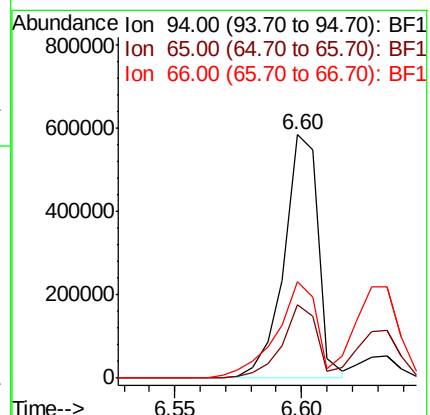
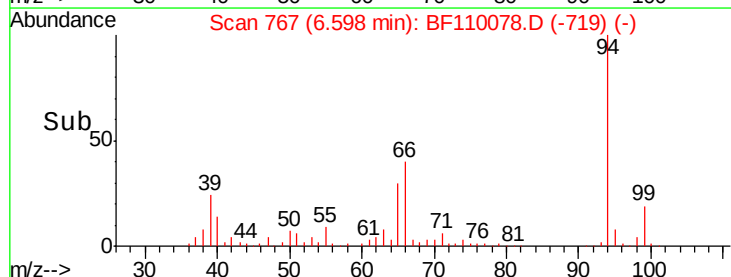
66 39.8 54.5 94.5#

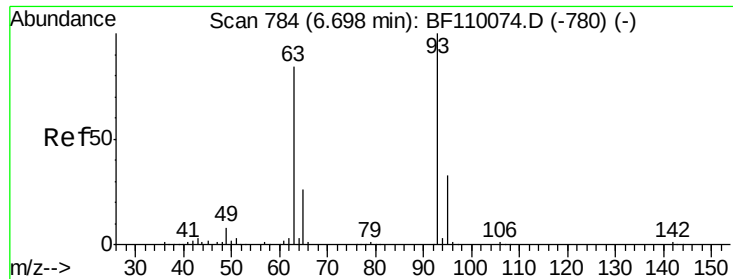


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.305 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.02 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Instrument :

BNA_F

ClientSampleId :

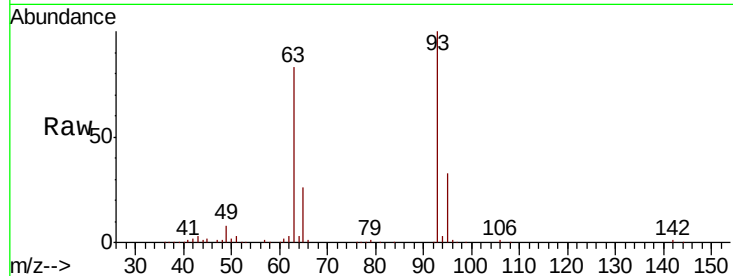
Tot Ion: 93 Resp: 446545

Ion Ratio Lower Upper

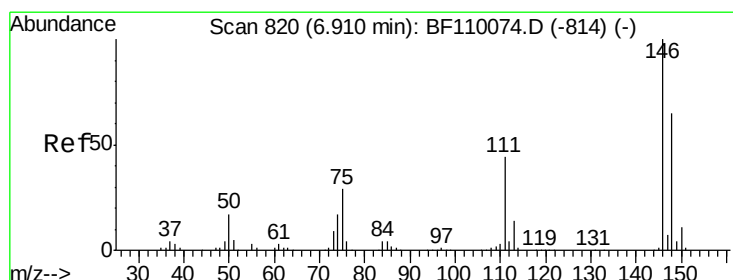
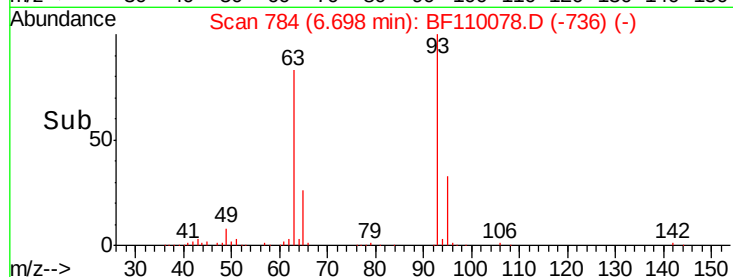
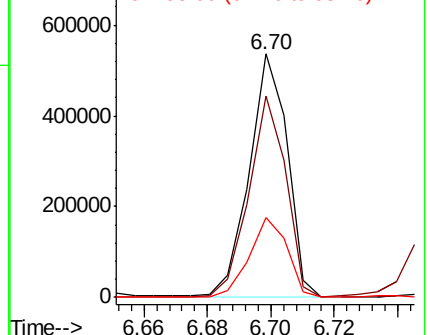
93 100

63 82.7 53.4 93.4

95 33.0 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.498 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

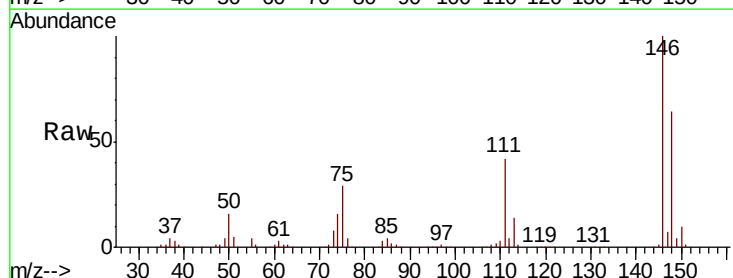
Tgt Ion: 146 Resp: 506157

Ion Ratio Lower Upper

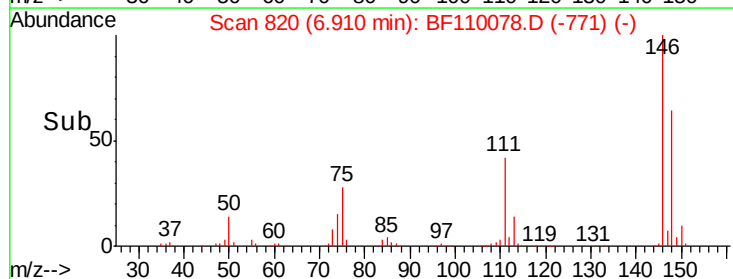
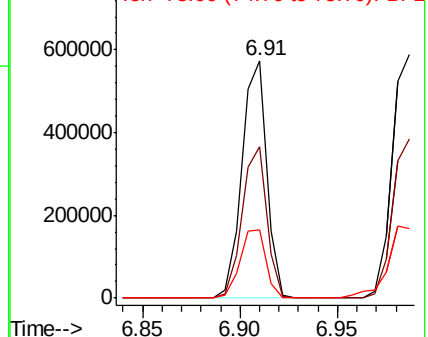
146 100

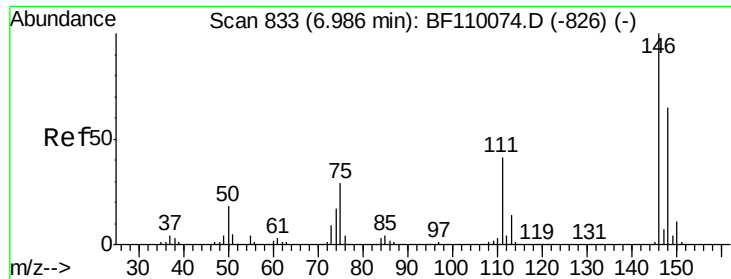
148 63.6 50.4 75.6

75 28.6 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

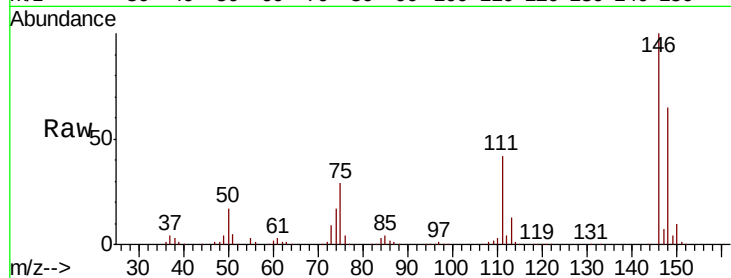




#13
 1,4-Dichlorobenzene
 Concen: 39.047 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110078.D
 Acq: 23 Oct 2018 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.3	75.5
111	41.6	32.7	49.1

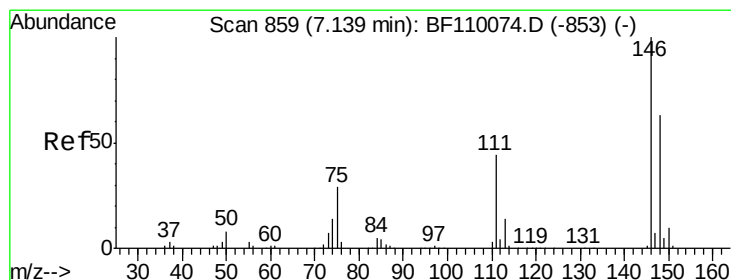
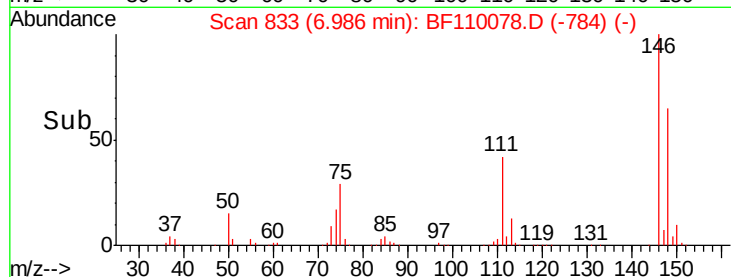
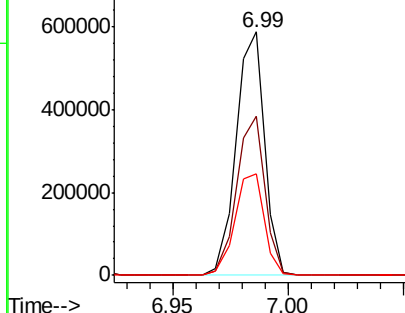


Abundance

Ion 146.00 (145.70 to 146.70): E

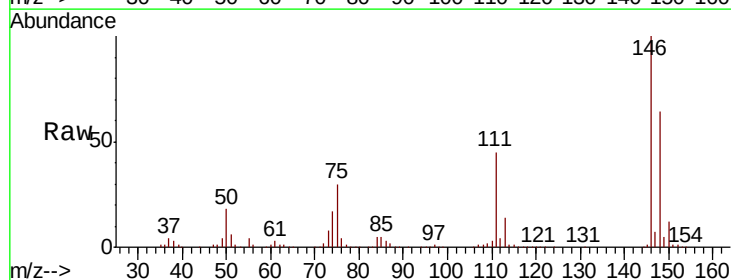
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.614 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110078.D
 Acq: 23 Oct 2018 14:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	44.9	35.8	53.6

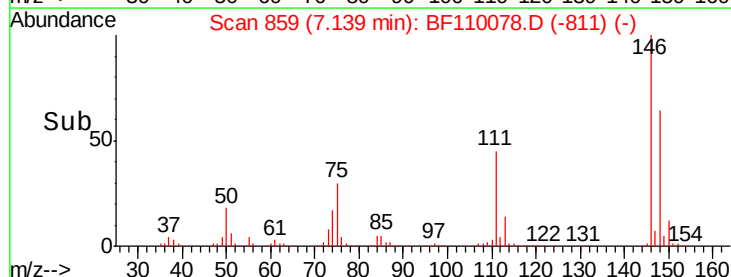
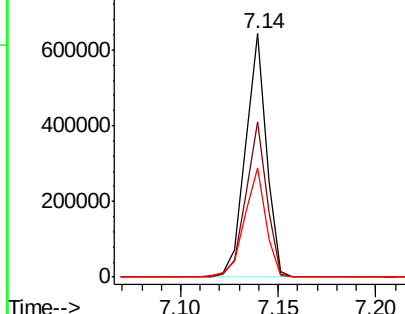


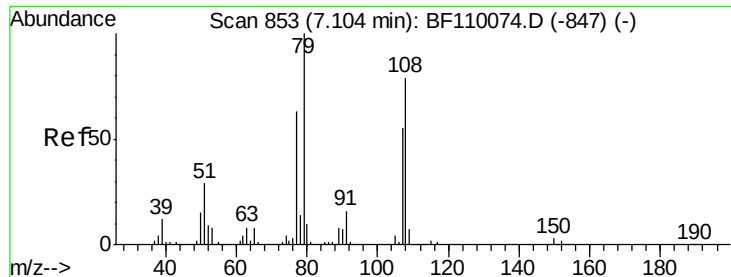
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.434 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Instrument :

BNA_F

ClientSampleId :

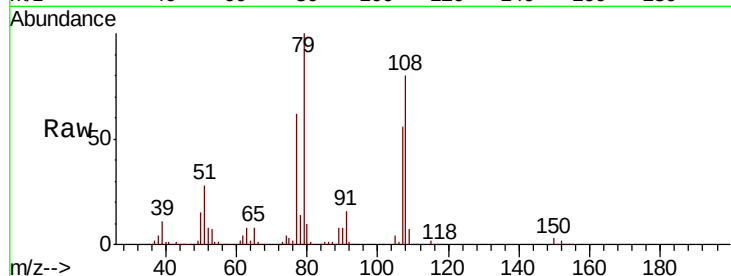
Tot Ion: 79 Resp: 401755

Ion Ratio Lower Upper

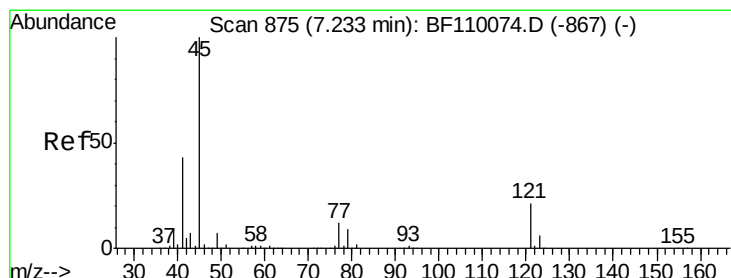
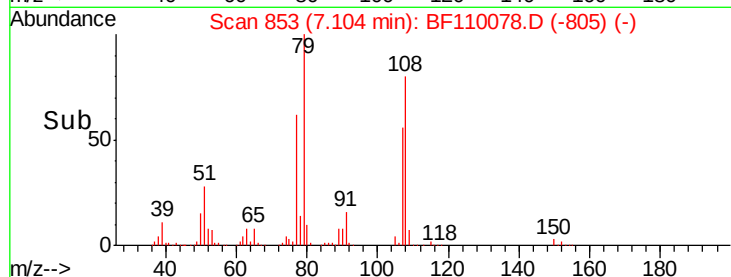
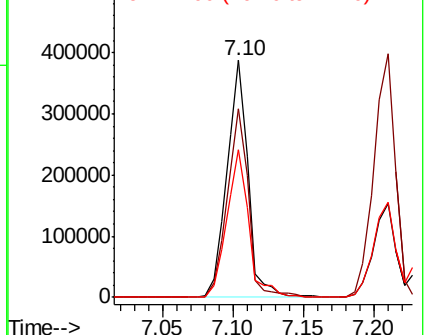
79 100

108 79.7 56.3 84.5

77 62.4 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.425 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

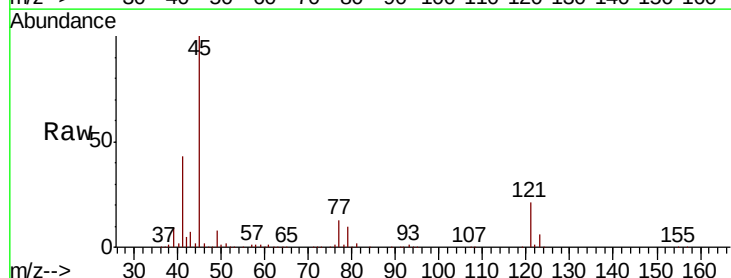
Tgt Ion: 45 Resp: 716161

Ion Ratio Lower Upper

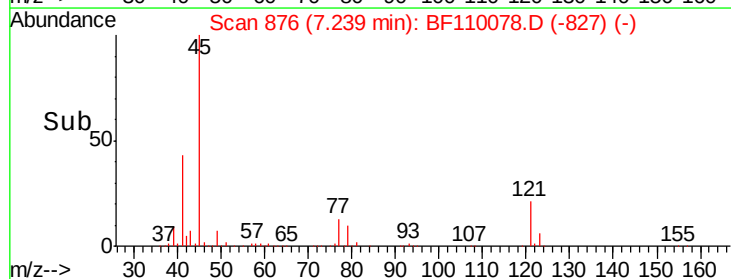
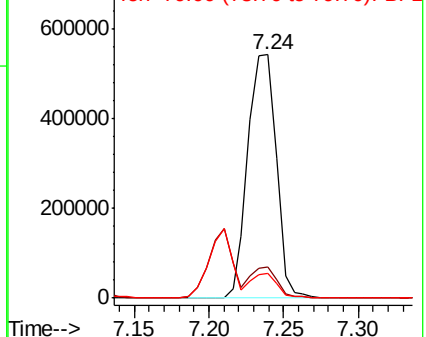
45 100

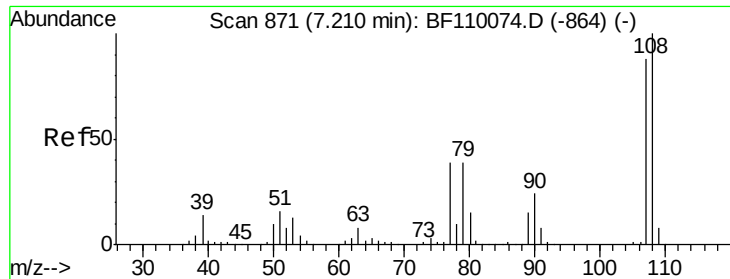
77 12.8 10.0 50.0

79 10.2 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

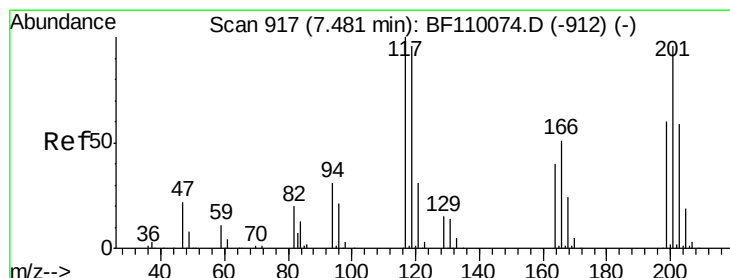
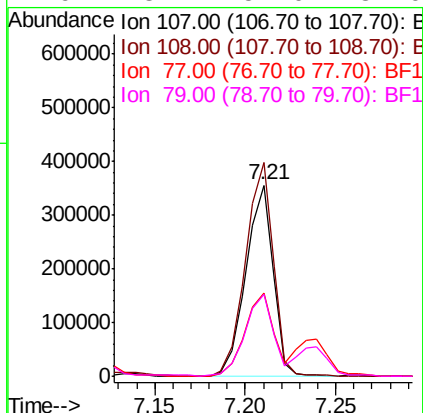
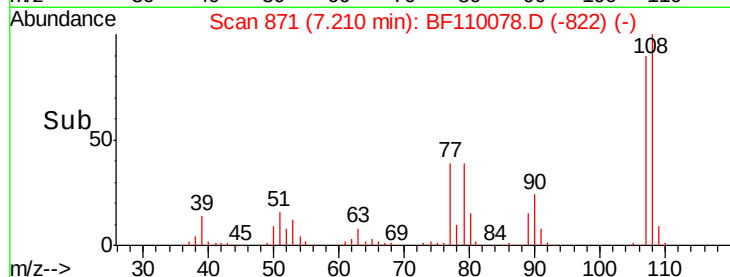
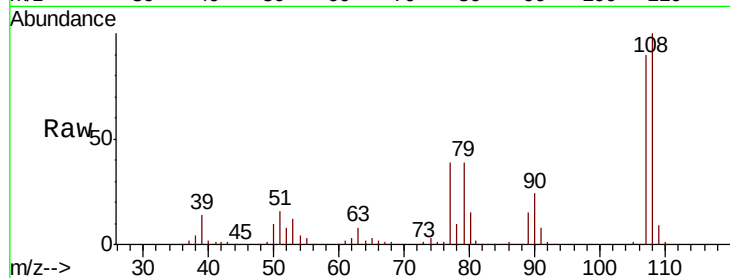




#17
2-Methylphenol
Concen: 39.937 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

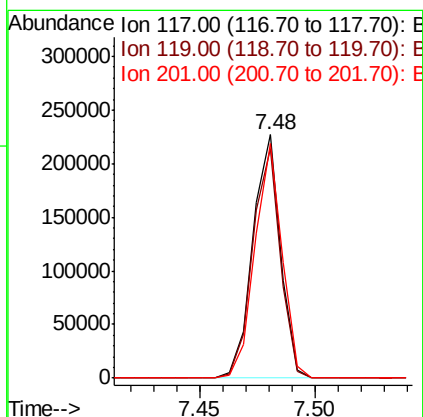
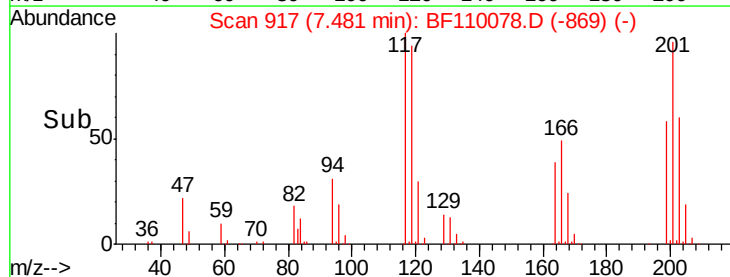
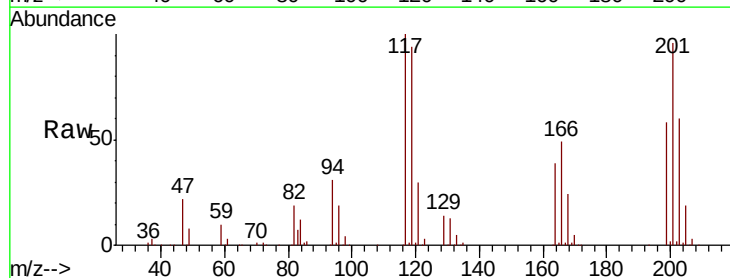
Instrument :
BNA_F
ClientSampled :

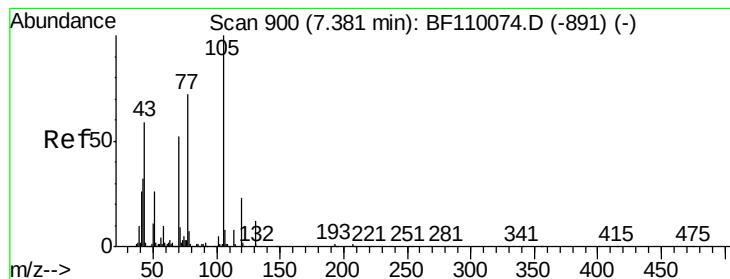
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	92.6	138.8
77	43.7	59.4	89.2
79	43.1	54.0	81.0



#18
Hexachloroethane
Concen: 39.955 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.0	112.6
201	96.4	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.353 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 326154

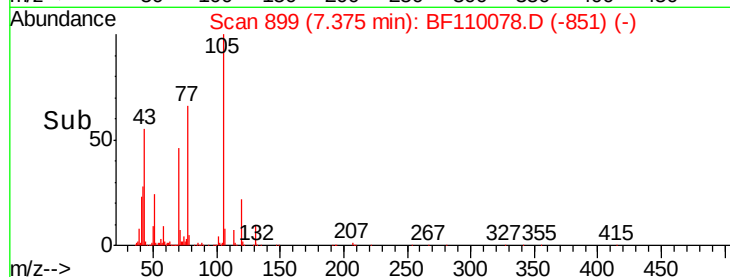
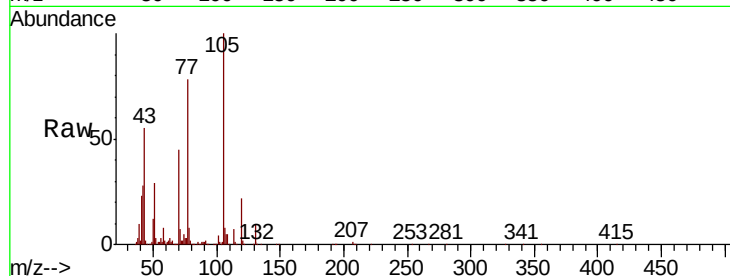
Ion Ratio Lower Upper

70 100

42 62.6 47.4 71.2

101 9.5 7.3 10.9

130 21.9 16.2 24.2

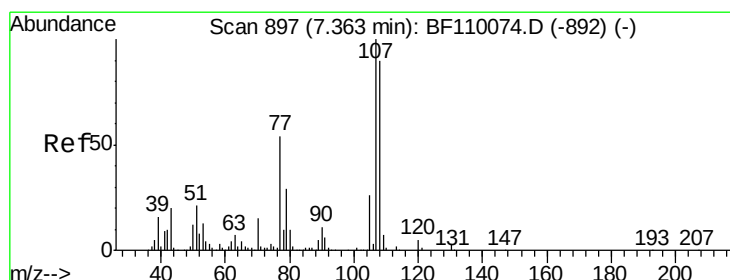
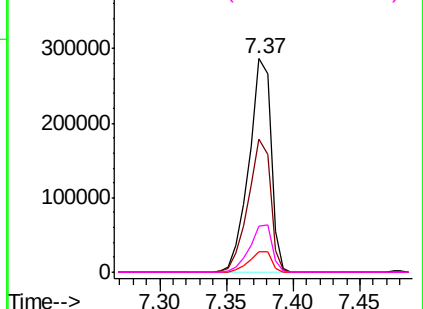


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 39.715 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Tgt Ion: 107 Resp: 476413

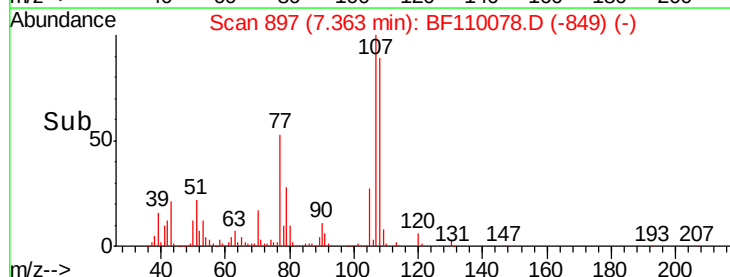
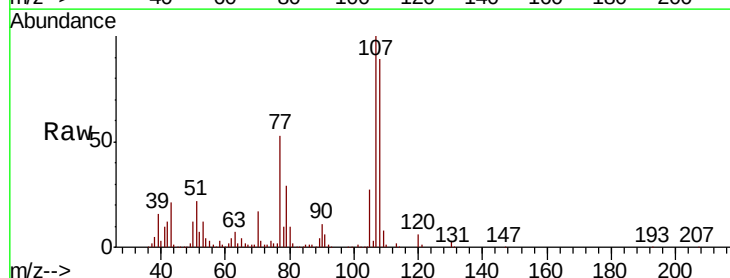
Ion Ratio Lower Upper

107 100

108 89.5 71.4 111.4

77 52.8 47.3 87.3

79 28.8 10.9 50.9

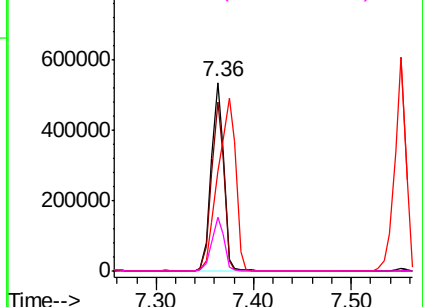


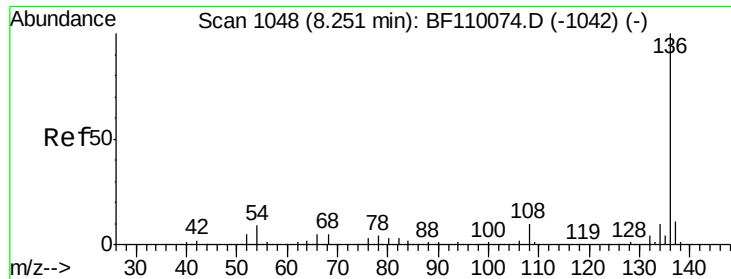
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

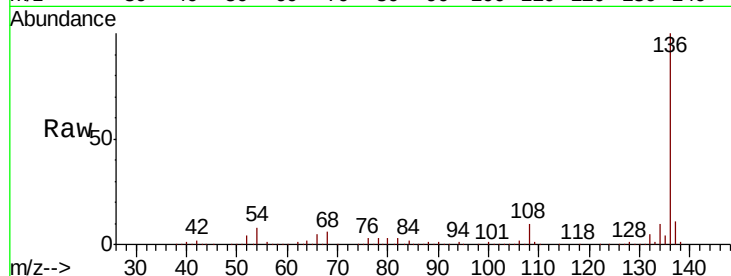




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	696348
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	8.0	5.4 8.2
68	5.7	4.2 6.2



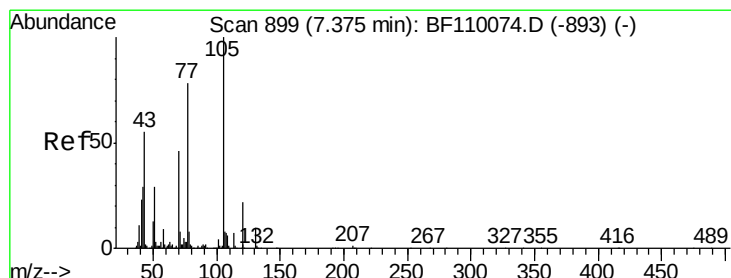
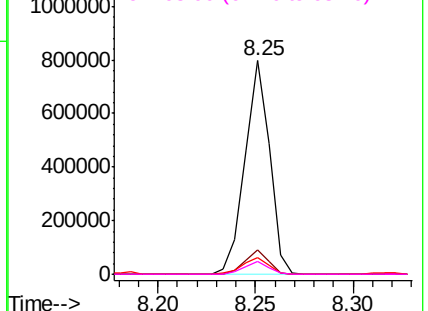
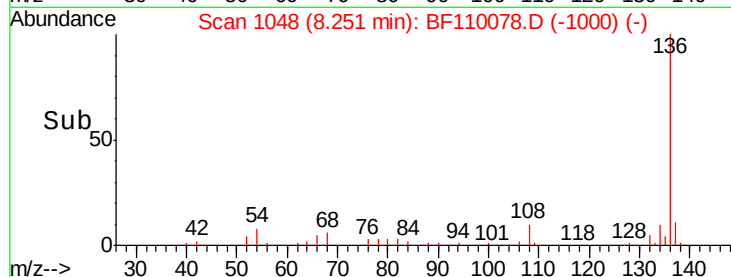
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

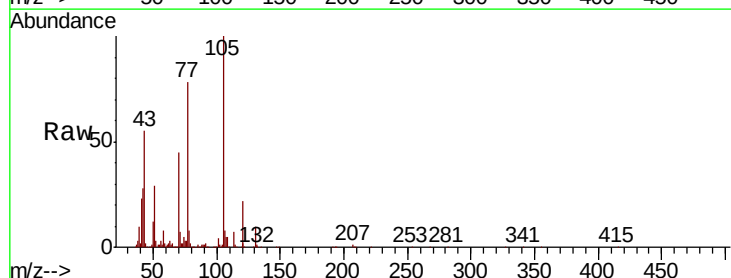
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.385 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Tgt Ion:105	Resp:	631942
Ion Ratio	Lower	Upper
105	100	
71	7.2	5.2 7.8
51	29.4	21.8 32.8
120	22.1	17.0 25.4



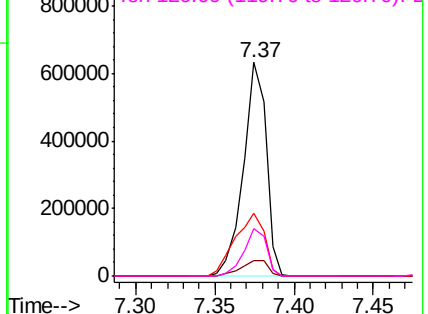
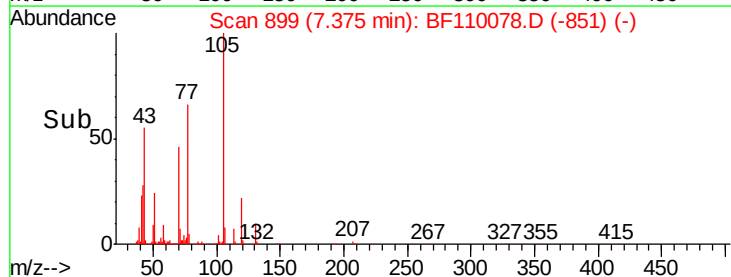
Abundance

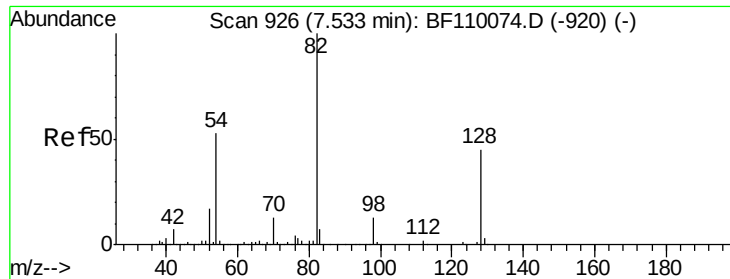
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

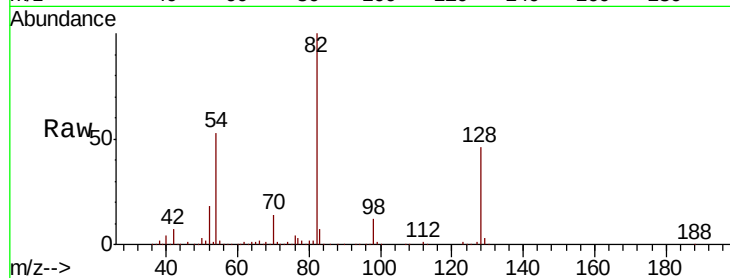




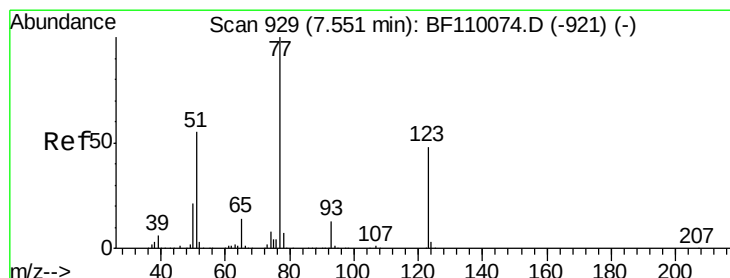
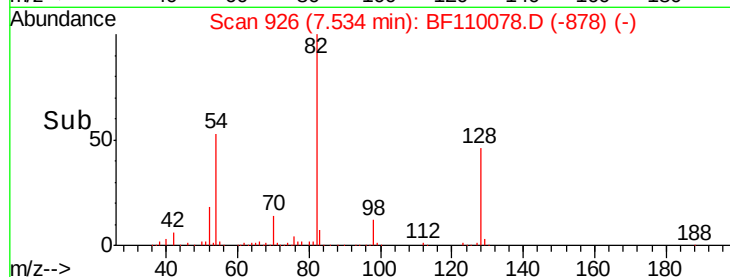
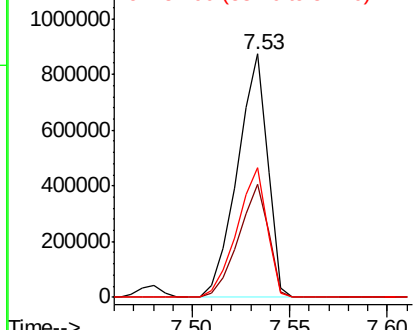
#23
 Nitrobenzene-d5
 Concen: 39.852 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110078.D
 Acq: 23 Oct 2018 14:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	935733
Ion Ratio	Lower	Upper	
82	100		
128	46.3	34.2	51.2
54	53.5	38.6	58.0

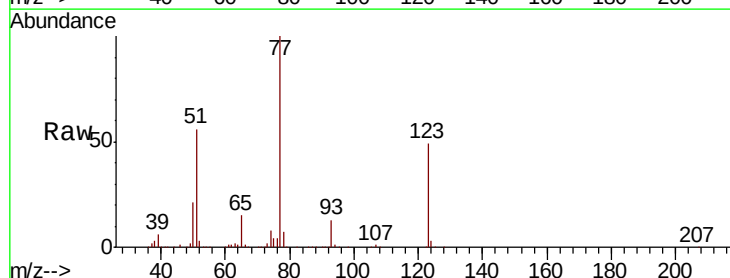


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

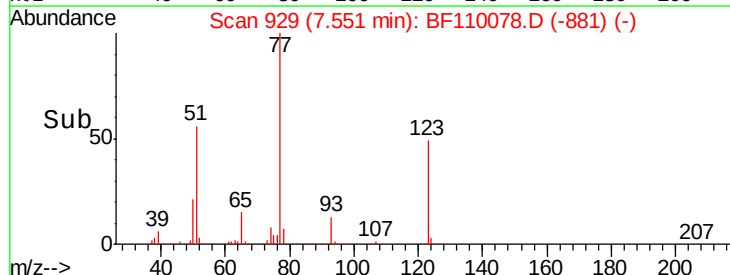
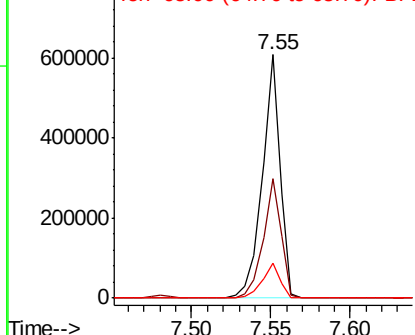


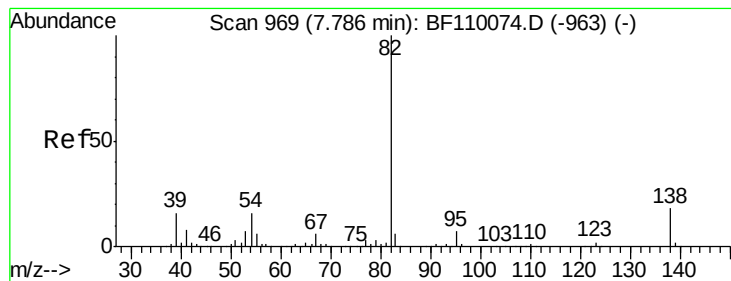
#24
 Nitrobenzene
 Concen: 39.682 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF110078.D
 Acq: 23 Oct 2018 14:49

Tgt Ion	77	Resp	480983
Ion Ratio	Lower	Upper	
77	100		
123	48.9	35.7	53.5
65	14.6	10.7	16.1



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





#25

Isophorone

Concen: 39.543 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Instrument :

BNA_F

ClientSampleId :

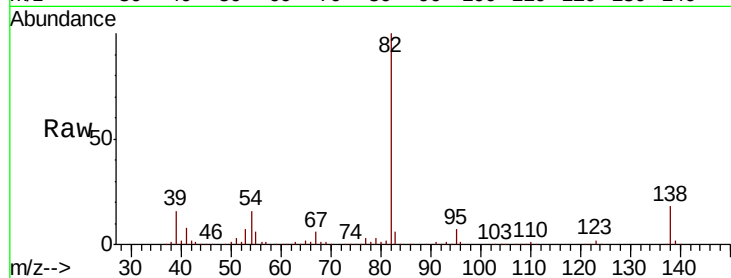
Tot Ion: 82 Resp: 791353

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

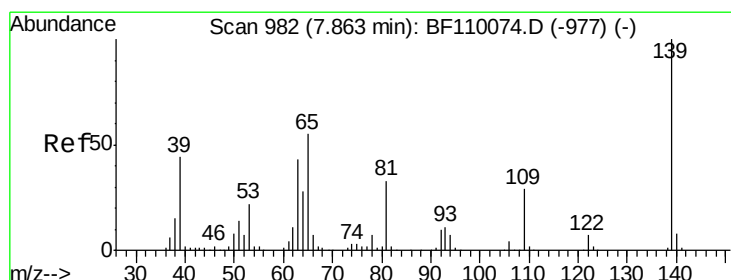
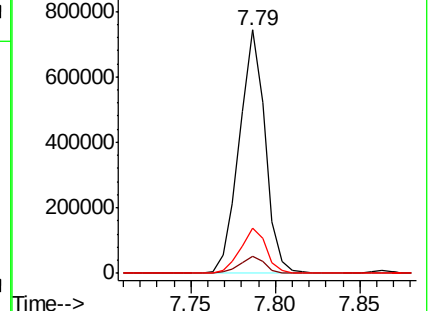
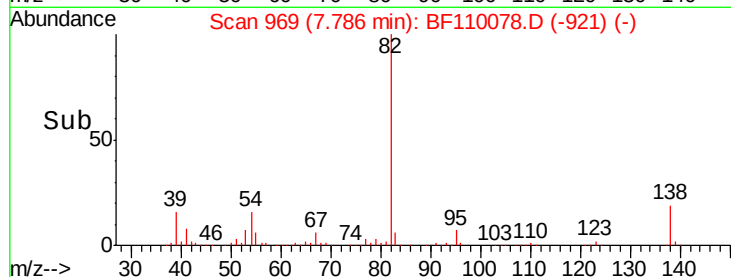
138 18.4 13.2 19.8



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: 42.019 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

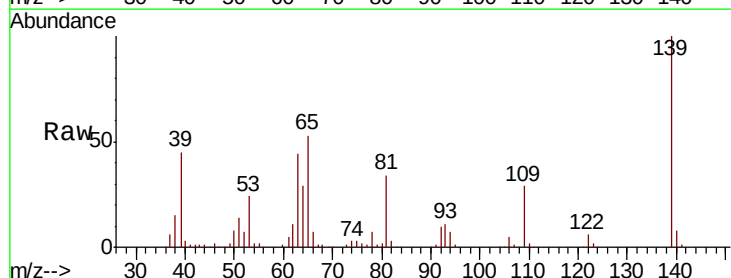
Tgt Ion: 139 Resp: 242364

Ion Ratio Lower Upper

139 100

109 29.0 25.0 37.6

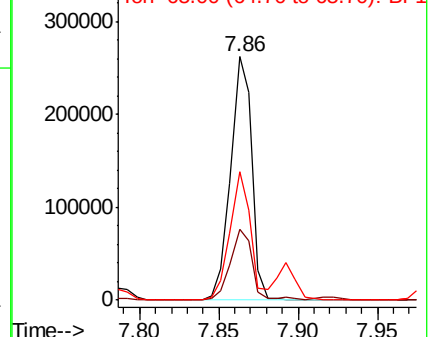
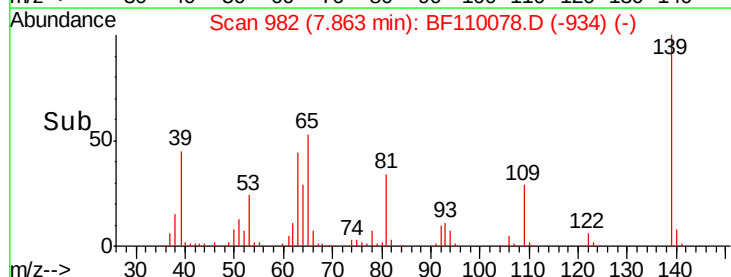
65 52.9 44.0 66.0

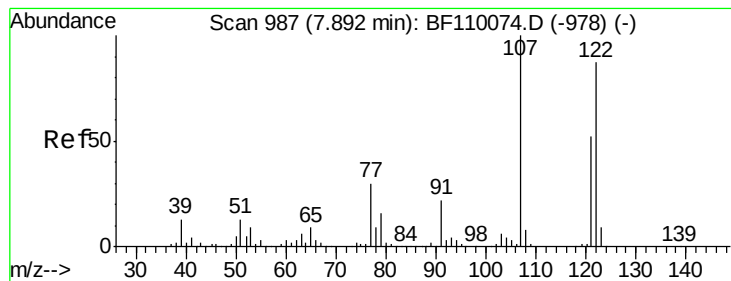


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.028 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Instrument :

BNA_F

ClientSampleId :

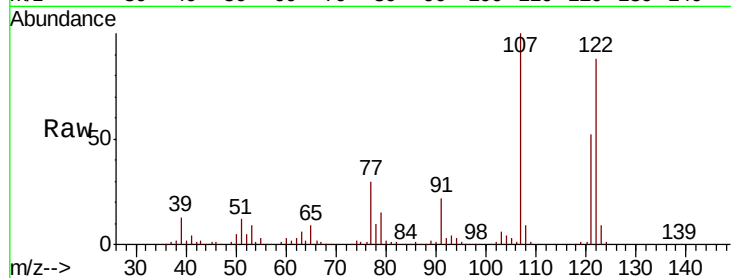
Tot Ion:122 Resp: 382785

Ion Ratio Lower Upper

122 100

107 113.7 92.5 138.7

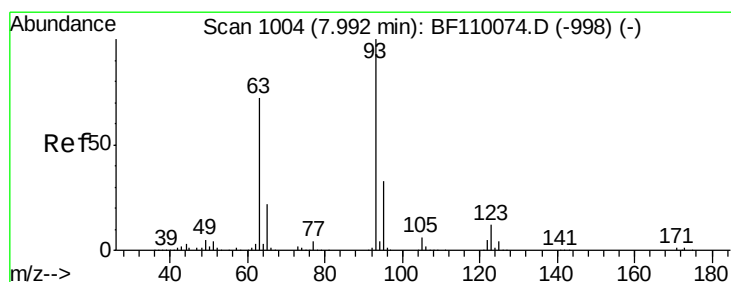
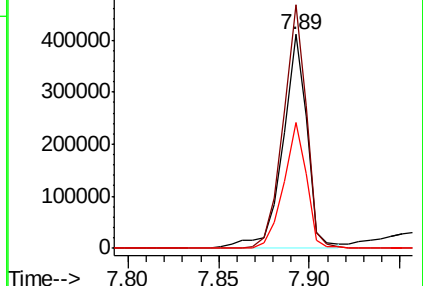
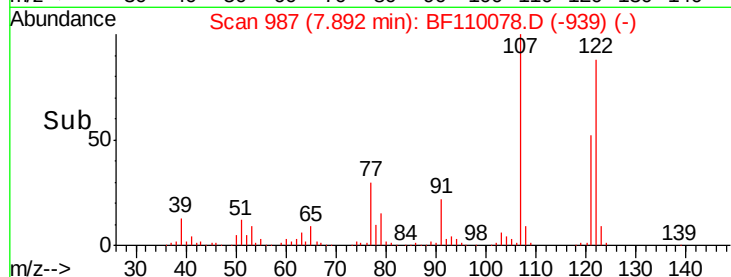
121 58.8 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.450 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

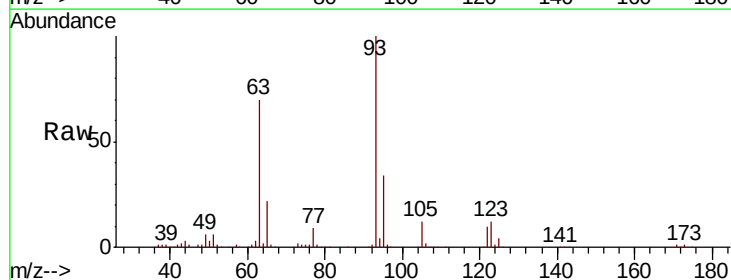
Tgt Ion: 93 Resp: 536331

Ion Ratio Lower Upper

93 100

95 33.6 26.4 39.6

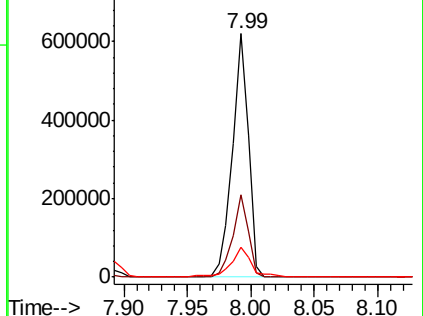
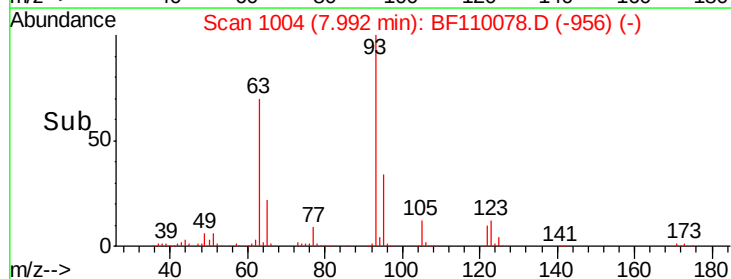
123 12.1 9.0 13.6

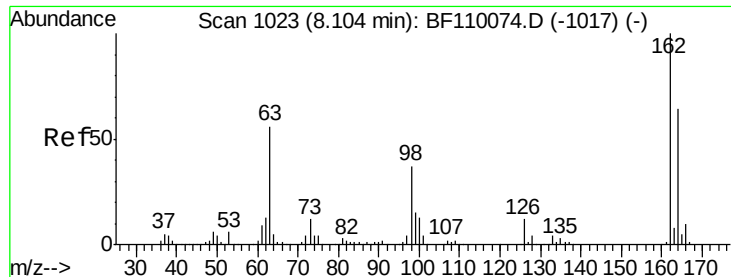


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

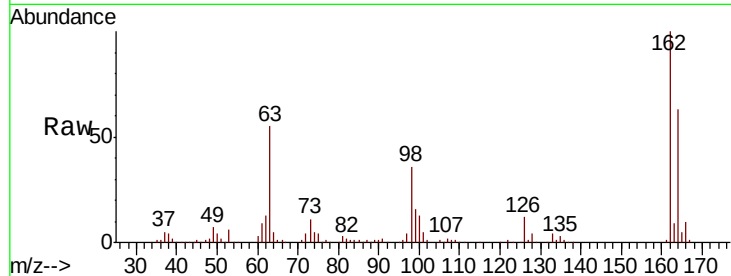




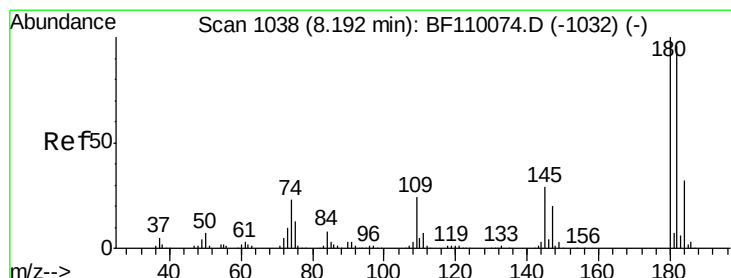
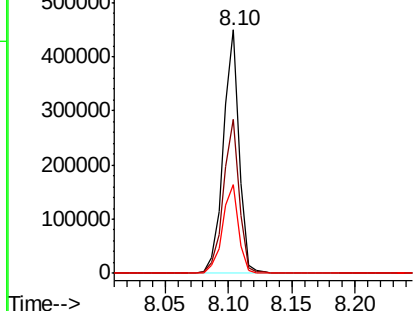
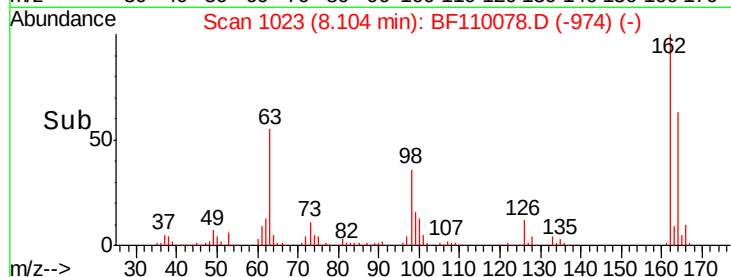
#29
 2,4-Dichlorophenol
 Concen: 40.435 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF110078.D
 Acq: 23 Oct 2018 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.6	84.6
98	36.4	17.4	57.4

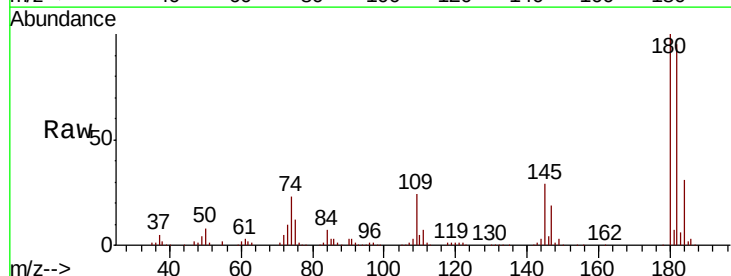


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

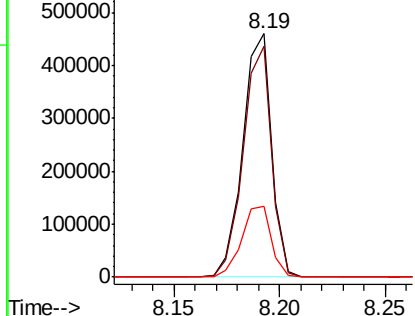
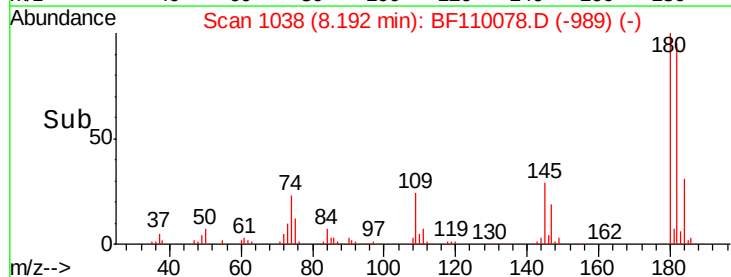


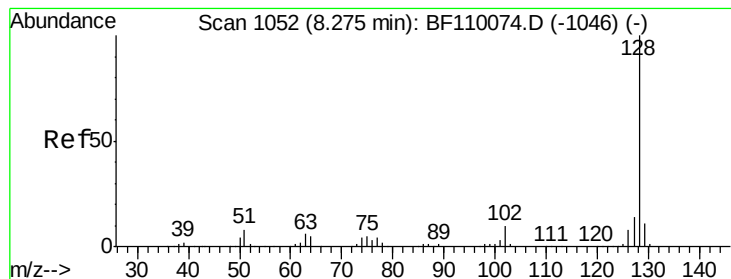
#30
 1,2,4-Trichlorobenzene
 Concen: 40.096 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF110078.D
 Acq: 23 Oct 2018 14:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	80.3	120.5
145	29.1	25.4	38.0



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





#31

Naphthalene

Concen: 39.289 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Instrument :

BNA_F

ClientSampleId :

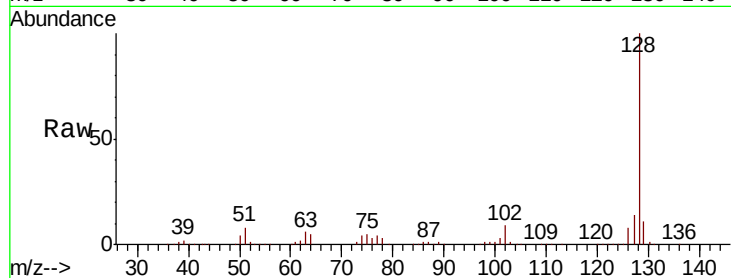
Tot Ion:128 Resp: 1260941

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

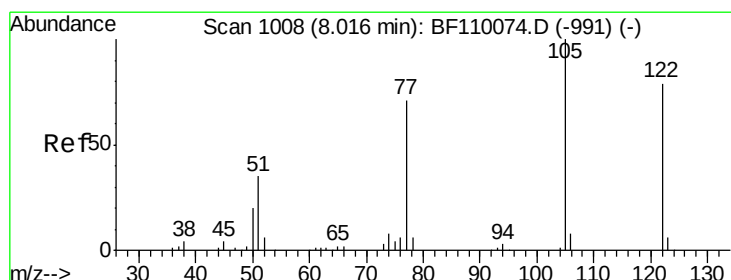
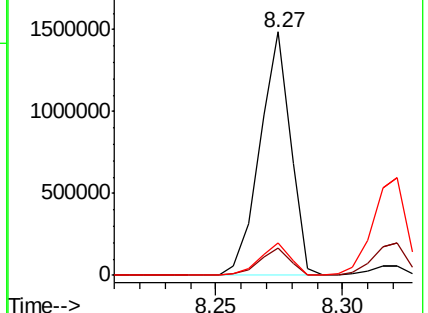
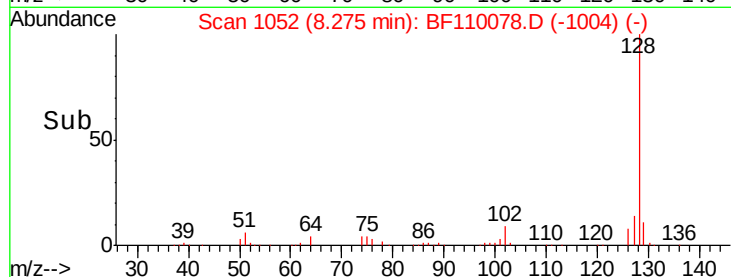
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.031 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

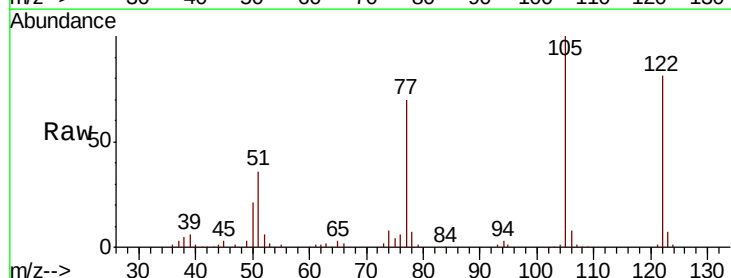
Tgt Ion:122 Resp: 303260

Ion Ratio Lower Upper

122 100

105 123.8 109.0 149.0

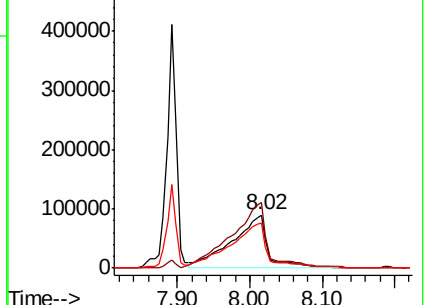
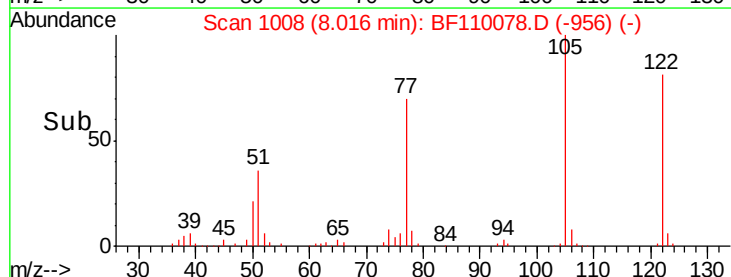
77 86.5 79.0 119.0

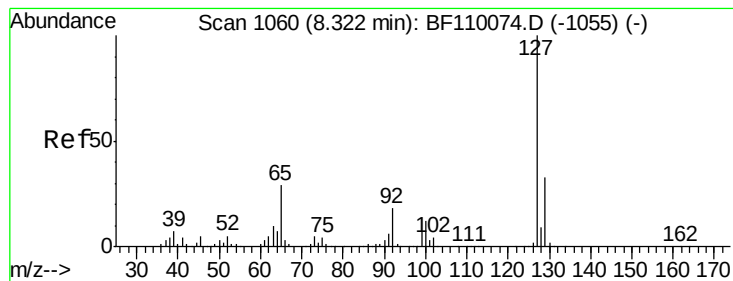


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 39.045 ng

RT: 8.32 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 563965

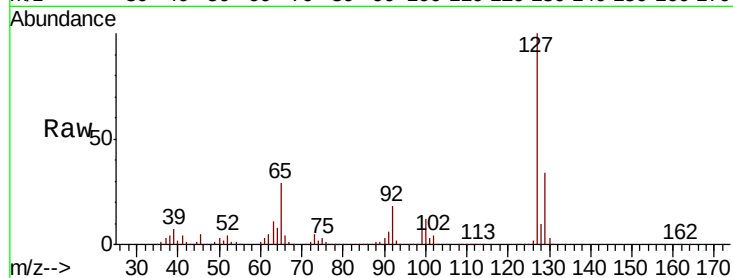
Ion Ratio Lower Upper

127 100

129 33.6 26.0 39.0

65 29.1 25.1 37.7

92 18.3 15.0 22.6

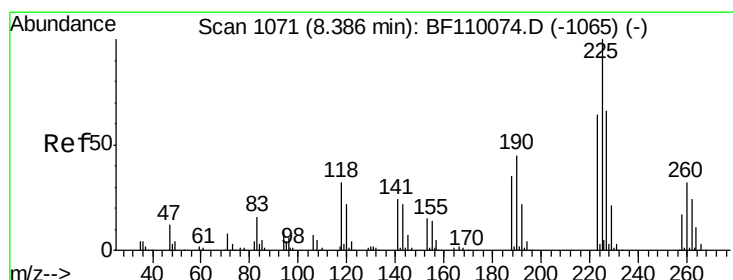
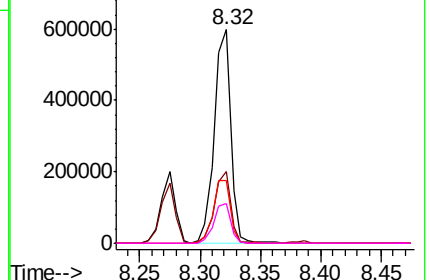
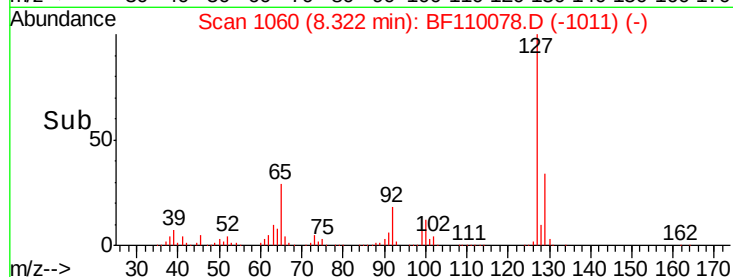


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.709 ng

RT: 8.39 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

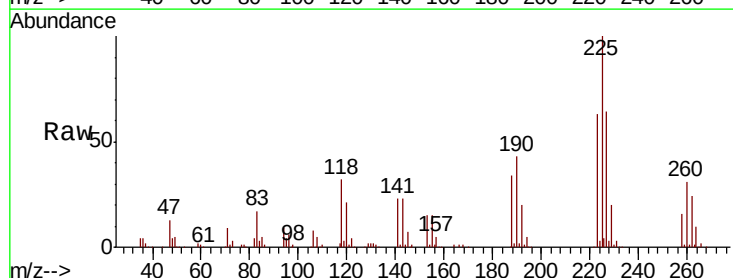
Tgt Ion:225 Resp: 238598

Ion Ratio Lower Upper

225 100

223 62.8 51.4 77.2

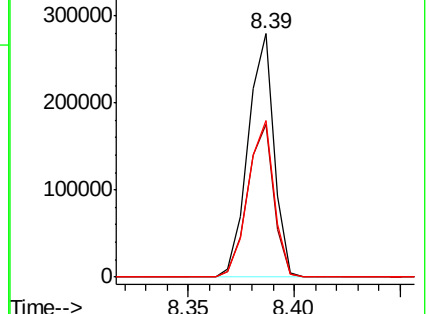
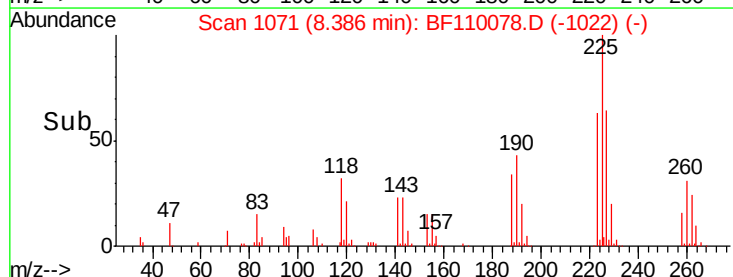
227 64.5 51.0 76.6

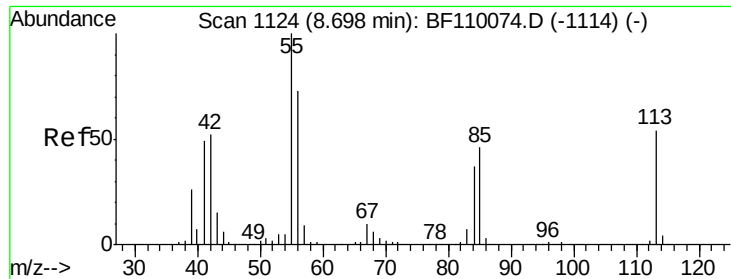


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

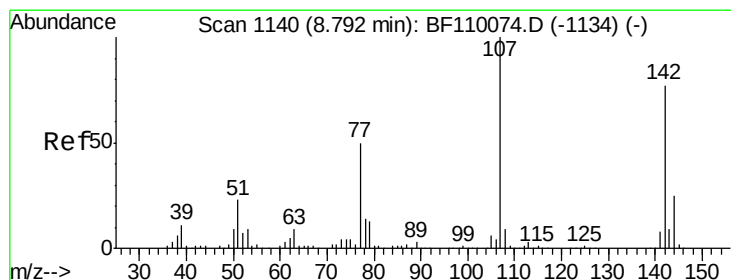
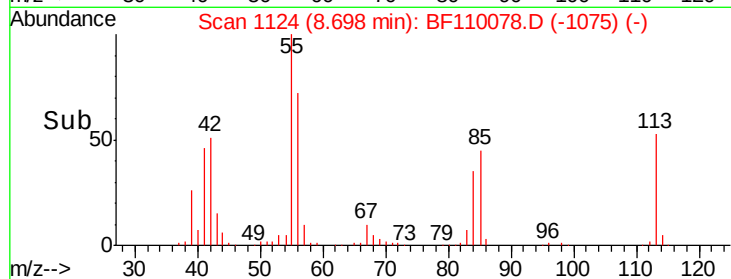
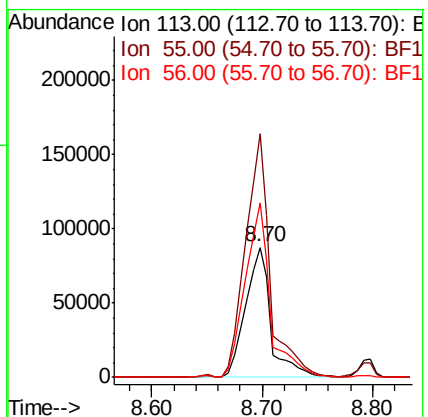
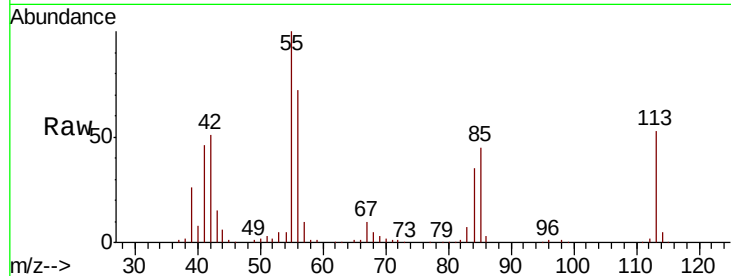




#35
 Caprolactam
 Concen: 41.847 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF110078.D
 Acq: 23 Oct 2018 14:49

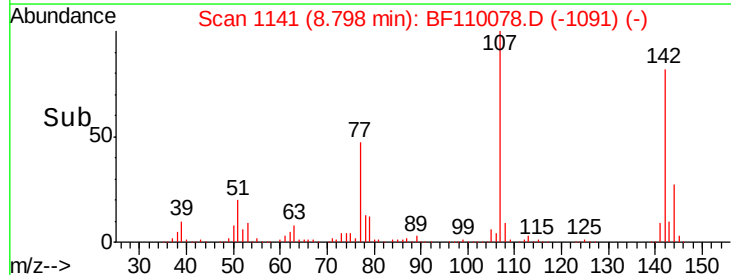
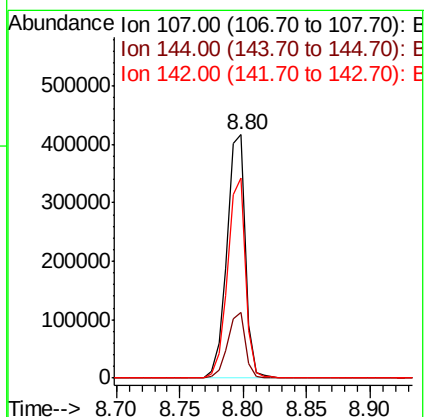
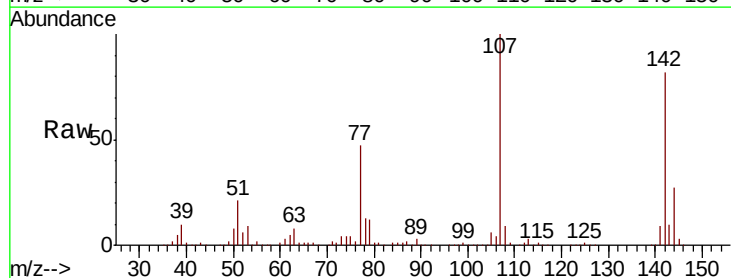
Instrument :
 BNA_F
 ClientSampled :

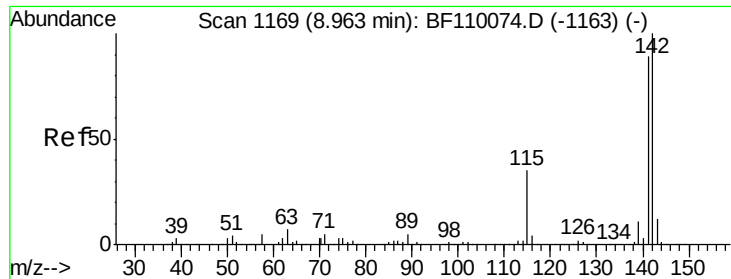
Tot Ion:113 Resp: 140915
 Ion Ratio Lower Upper
 113 100
 55 187.8 142.8 182.8#
 56 134.5 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.132 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF110078.D
 Acq: 23 Oct 2018 14:49

Tgt Ion:107 Resp: 419273
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.0 30.0
 142 82.3 59.7 89.5

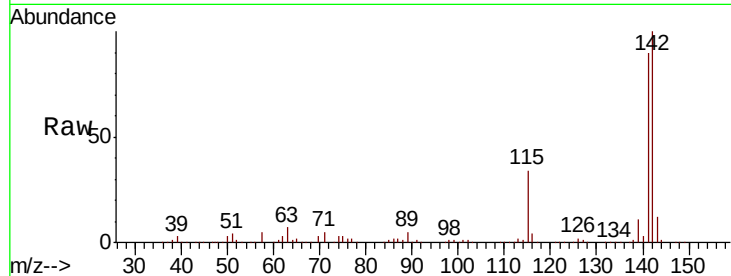




#37
2-Methylnaphthalene
Concen: 39.545 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2
115	34.4	28.7	43.1

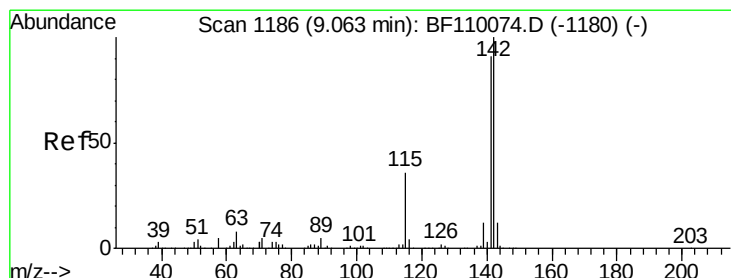
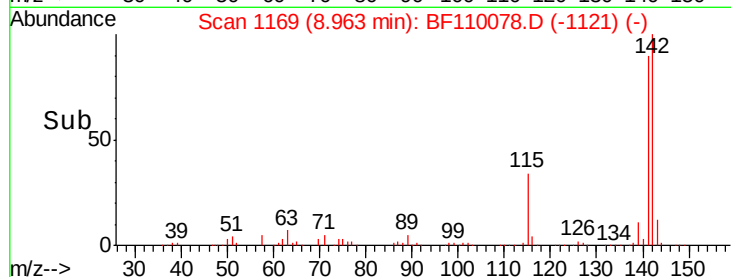
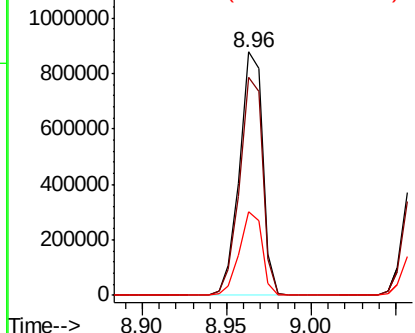


Abundance

Ion 142.00 (141.70 to 142.70): E

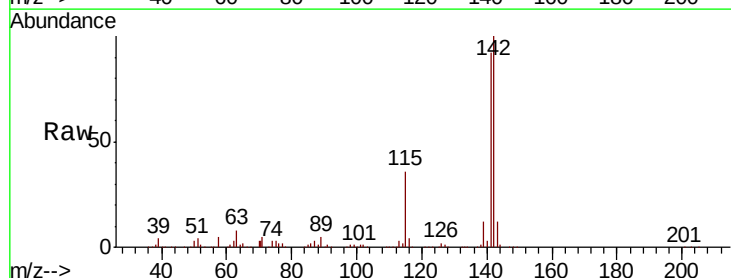
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.257 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4
116	3.8	2.6	4.0

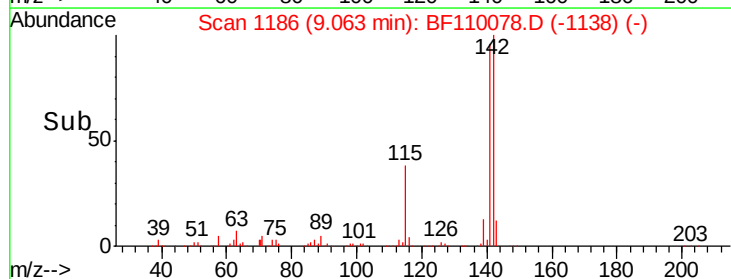
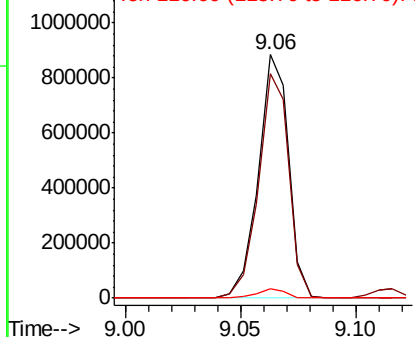


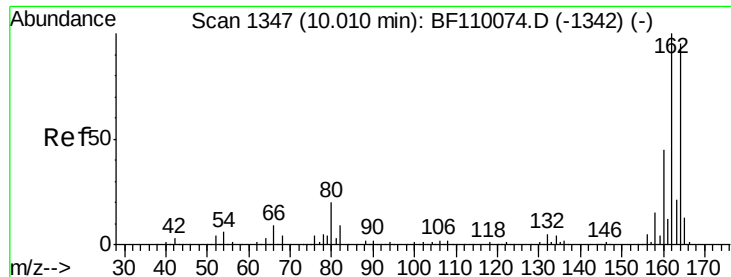
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Instrument :

BNA_F

ClientSampled :

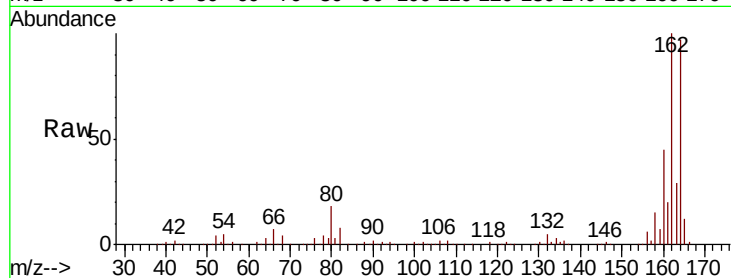
Tot Ion:164 Resp: 336797

Ion Ratio Lower Upper

164 100

162 103.5 83.0 124.6

160 47.1 37.0 55.6

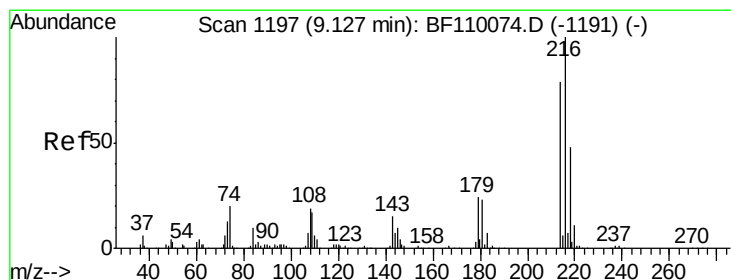
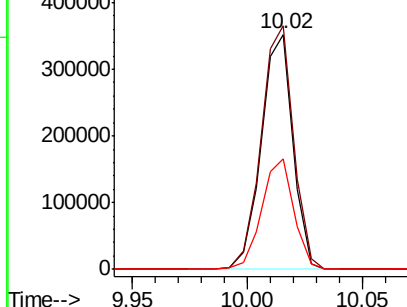
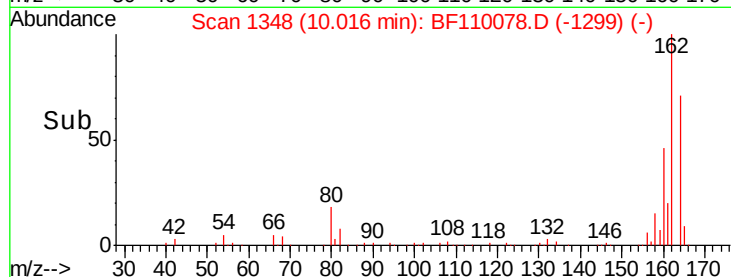


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.312 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Tgt Ion:216 Resp: 412540

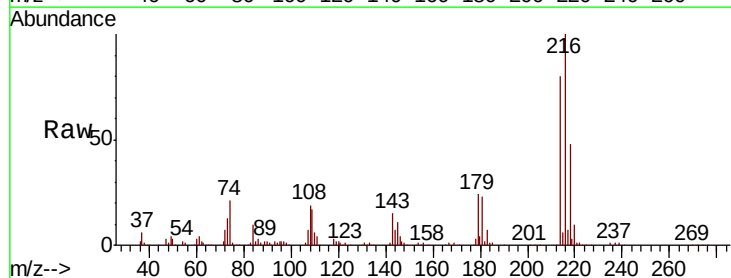
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 23.0 16.6 25.0

108 19.3 15.1 22.7



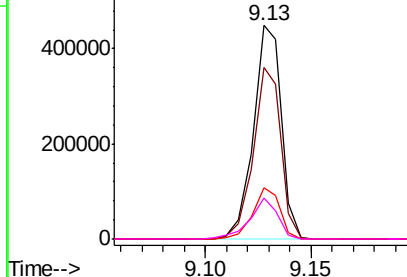
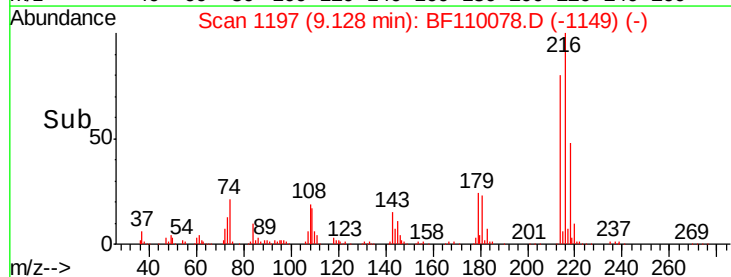
Abundance

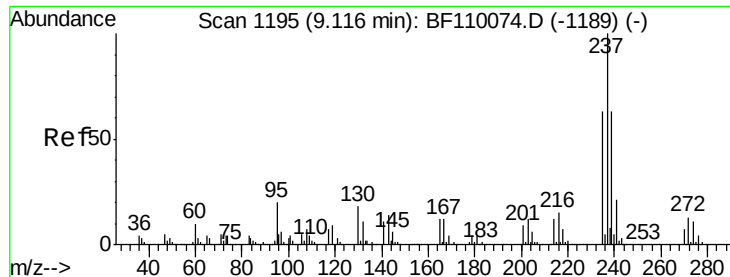
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

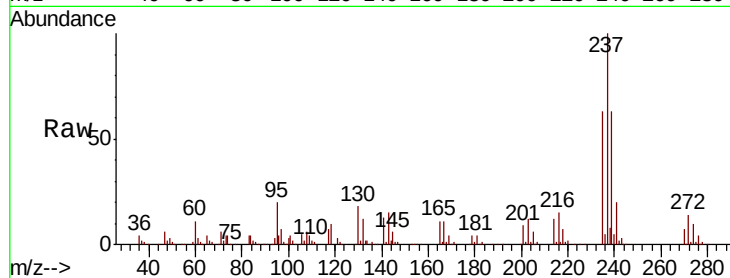




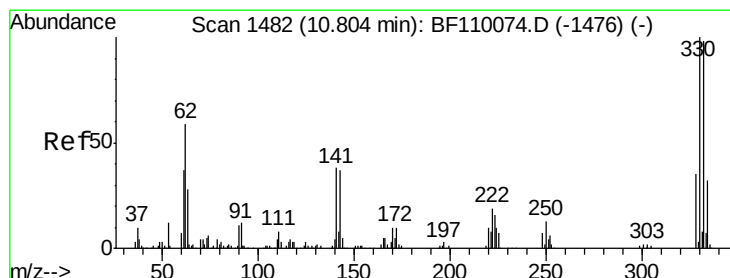
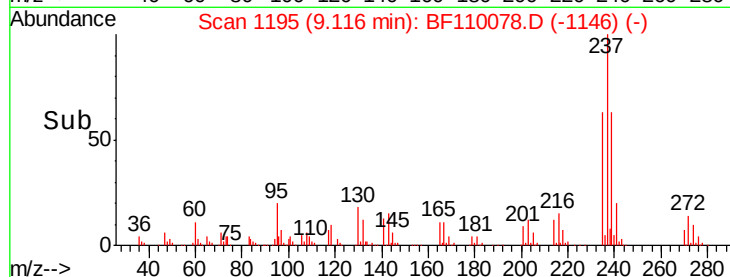
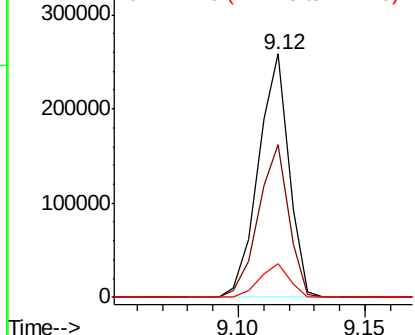
#41
Hexachlorocyclopentadiene
Concen: 40.586 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.1	83.1
272	13.9	0.0	32.6

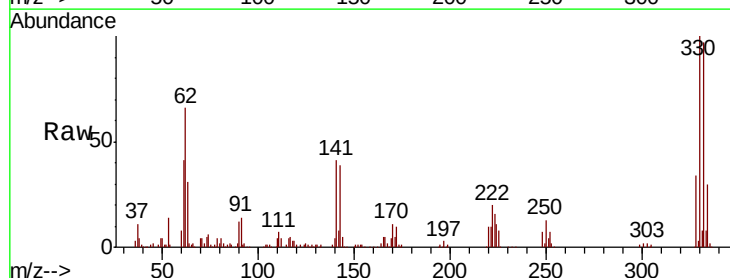


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

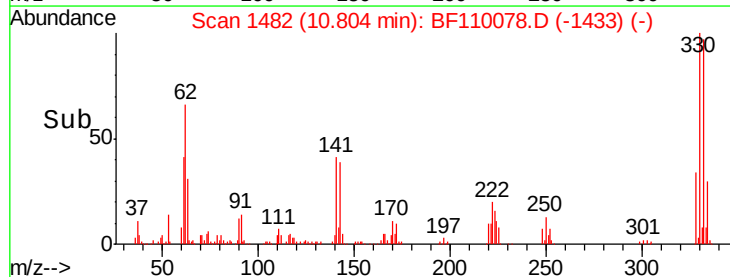
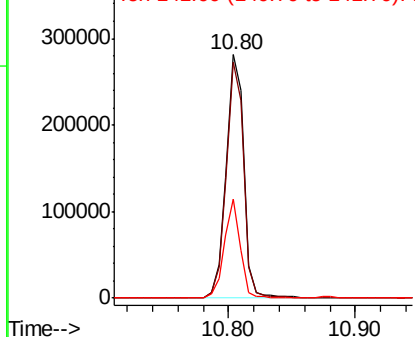


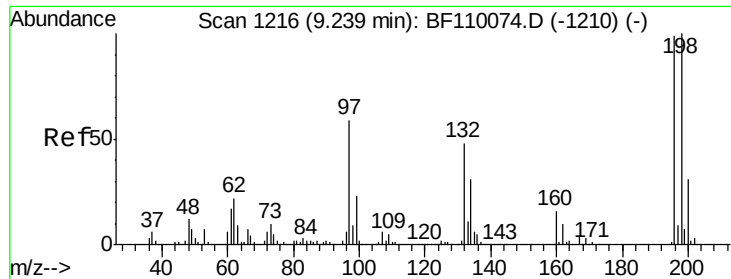
#42
2,4,6-Tribromophenol
Concen: 40.664 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	37.1	27.0	40.4



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

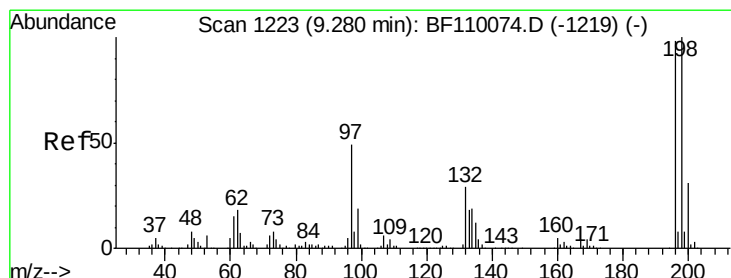
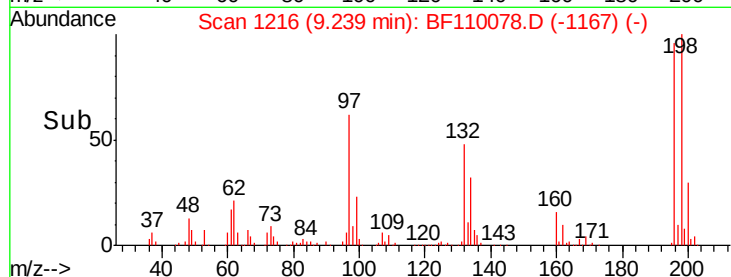
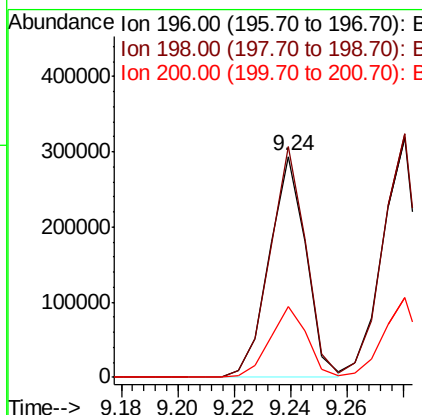
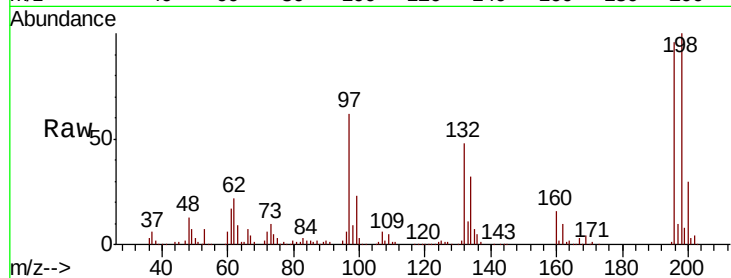




#43
 2,4,6-Trichlorophenol
 Concen: 39.272 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110078.D
 Acq: 23 Oct 2018 14:49

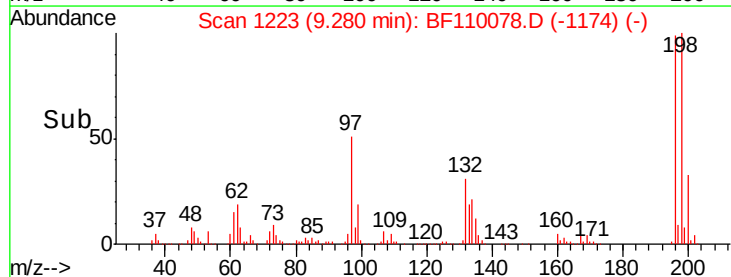
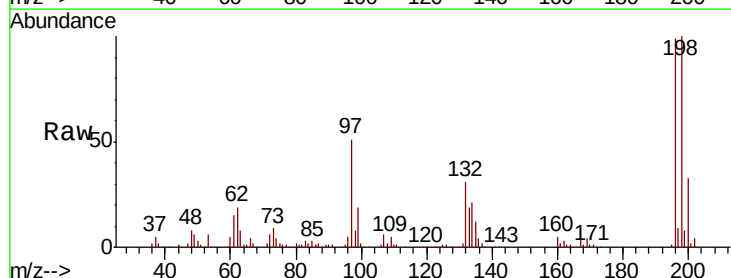
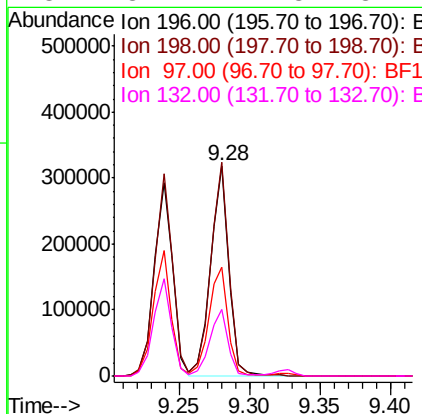
Instrument :
 BNA_F
 ClientSampleId :

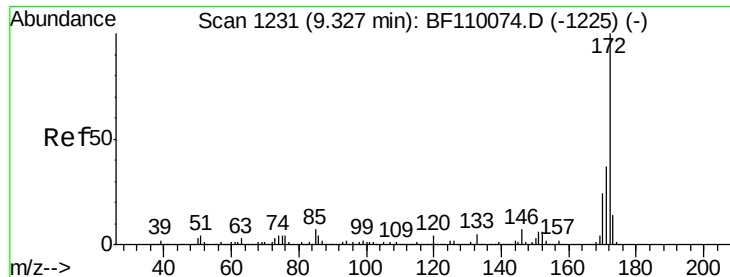
Tot Ion	Ratio	Lower	Upper
196	100		
198	104.6	76.2	114.4
200	31.8	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.501 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110078.D
 Acq: 23 Oct 2018 14:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.4	75.8	113.6
97	51.9	42.4	63.6
132	31.4	22.8	34.2

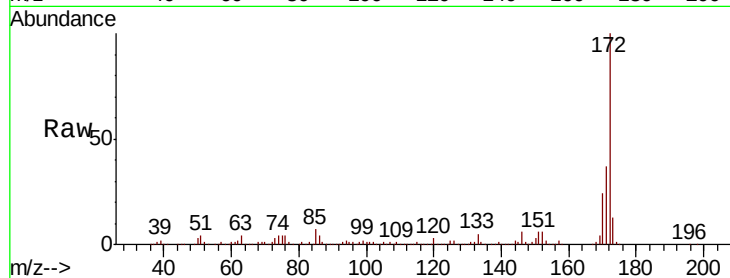




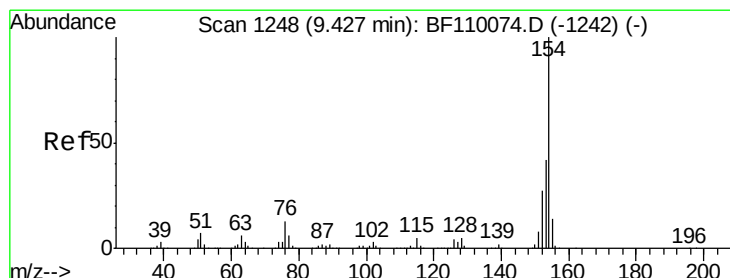
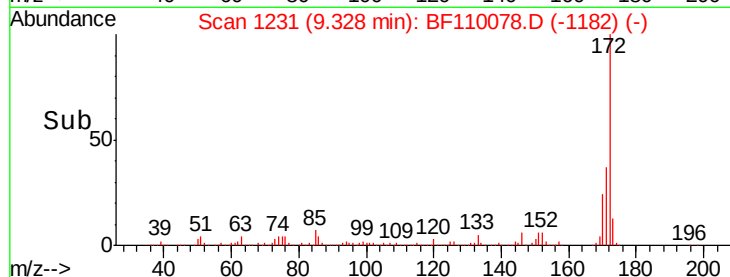
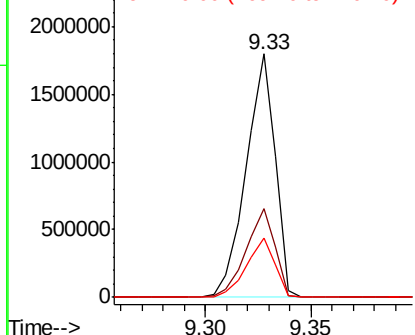
#45
2-Fluorobiphenyl
Concen: 40.066 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1718712
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.2 19.7 29.5

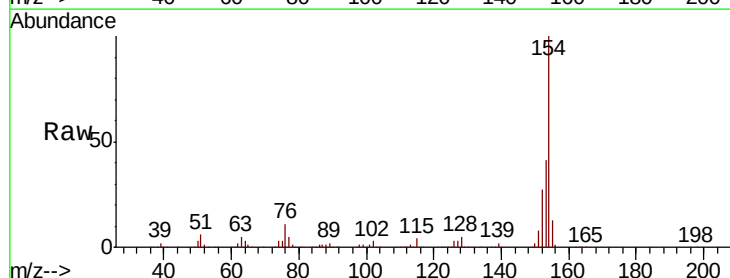


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

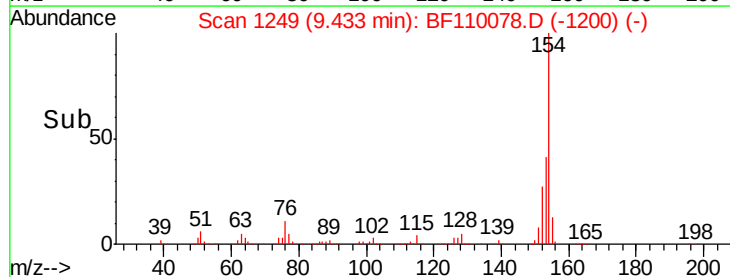
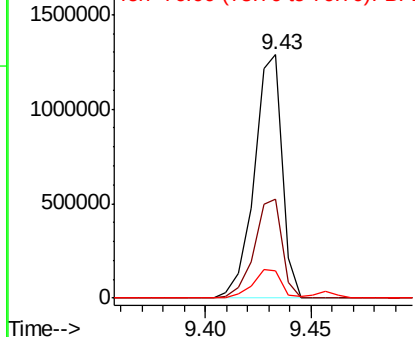


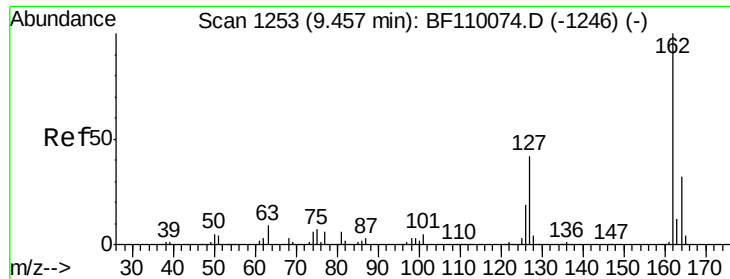
#46
1,1'-Biphenyl
Concen: 38.919 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Tgt Ion:154 Resp: 1185339
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 11.0 0.0 31.9



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

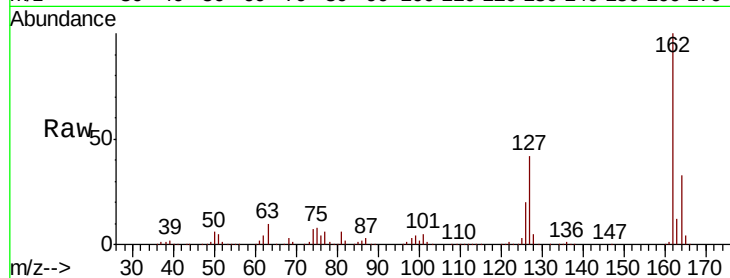




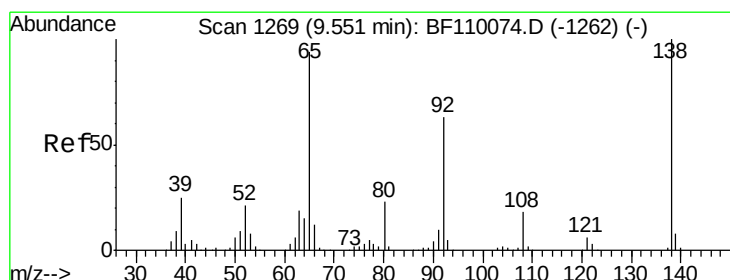
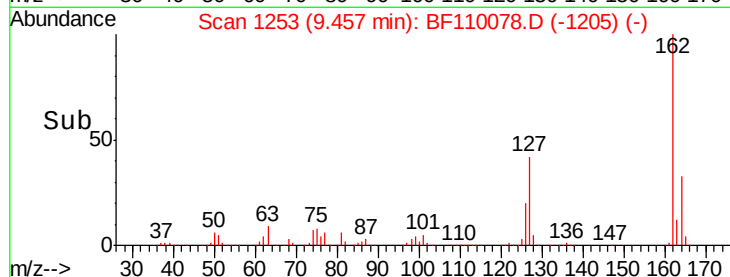
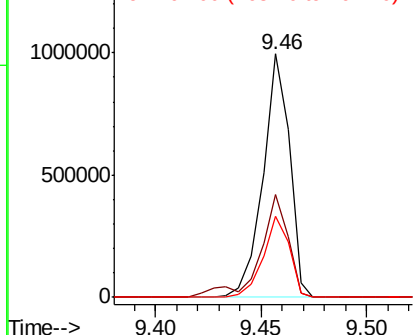
#47
 2-Chloronaphthalene
 Concen: 39.081 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110078.D
 Acq: 23 Oct 2018 14:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	32.6	48.8
164	33.1	25.9	38.9

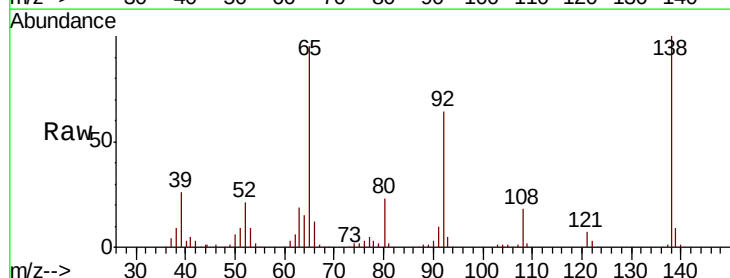


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

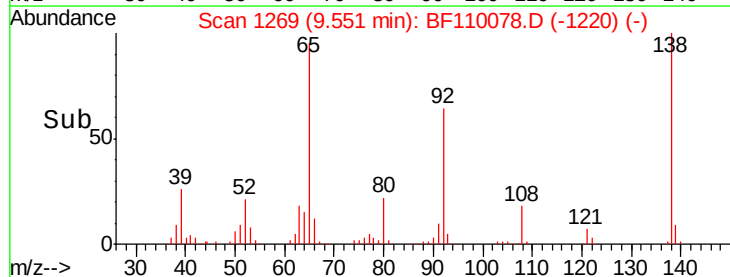
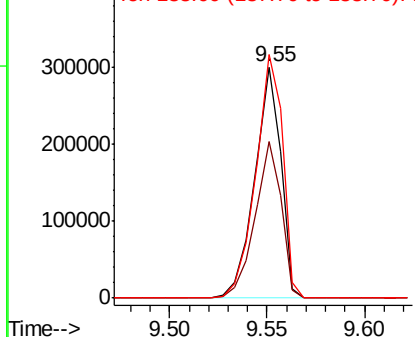


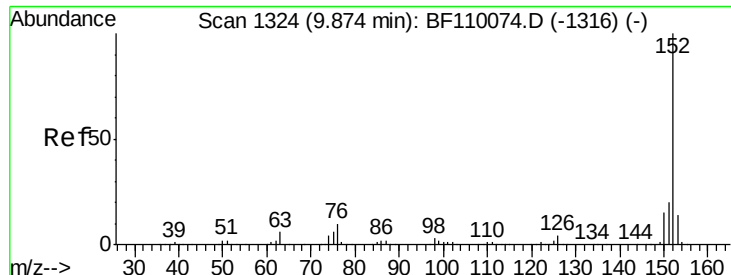
#48
 2-Nitroaniline
 Concen: 41.022 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF110078.D
 Acq: 23 Oct 2018 14:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.9	54.6	81.8
138	105.3	80.3	120.5



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





#49

Acenaphthylene

Concen: 39.487 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Instrument :

BNA_F

ClientSampleId :

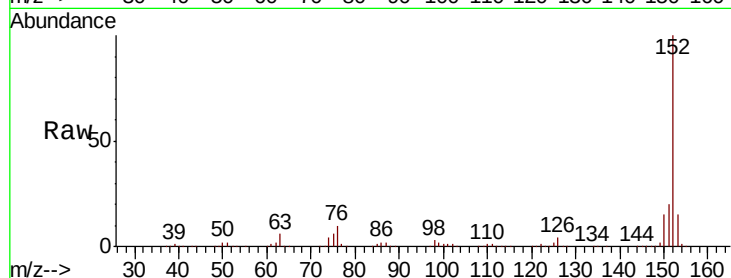
Tot Ion:152 Resp: 1274157

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

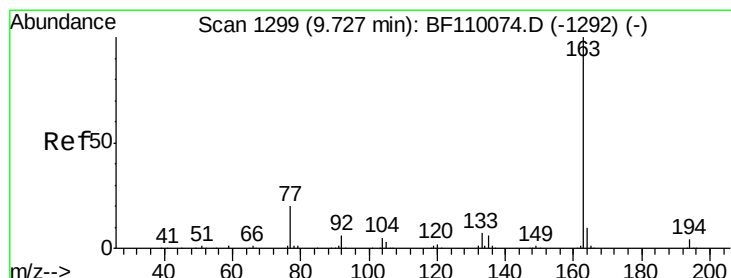
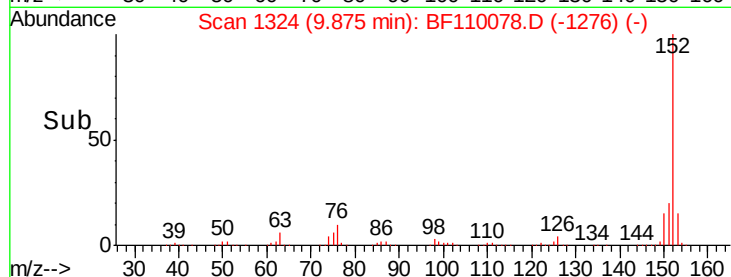
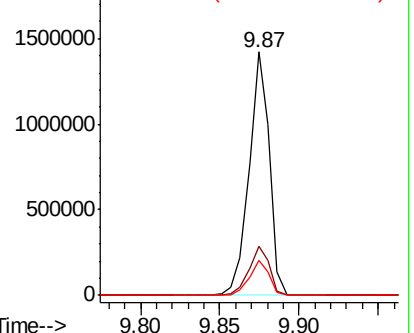
153 14.6 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.770 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

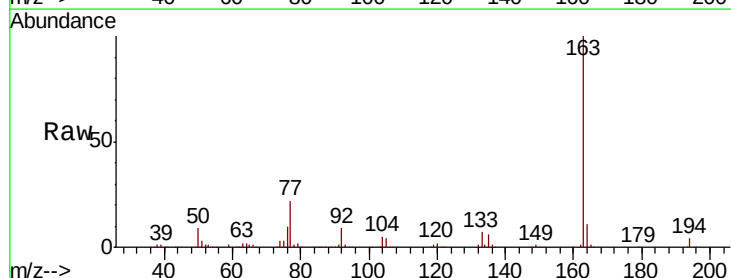
Tgt Ion:163 Resp: 988743

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

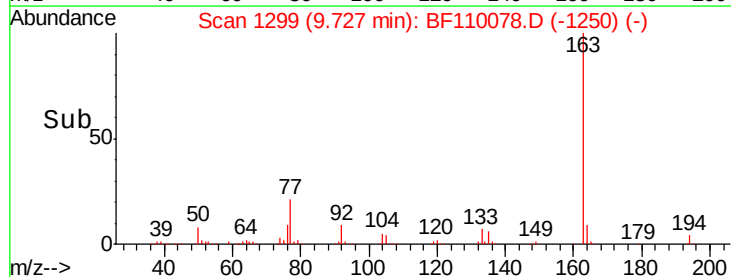
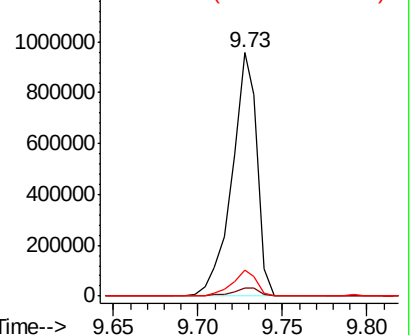
164 10.6 8.1 12.1

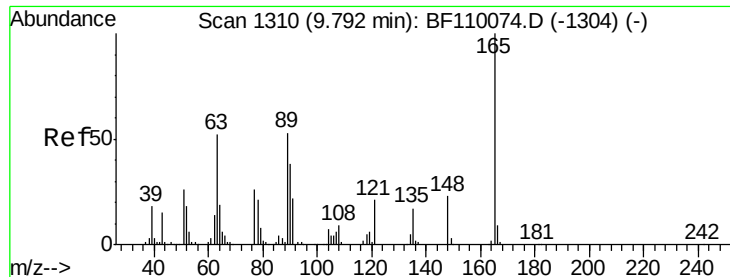


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

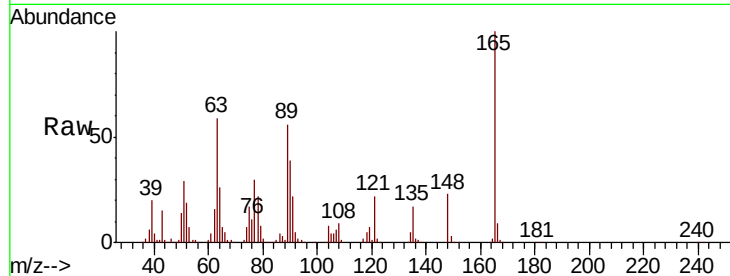




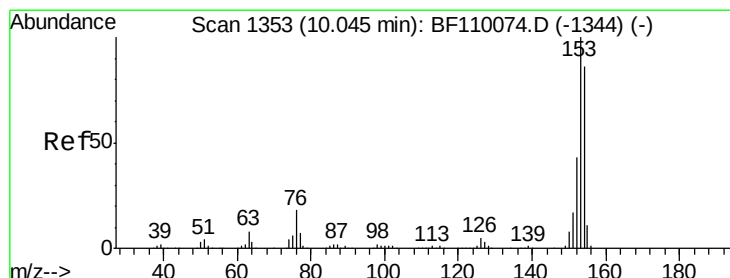
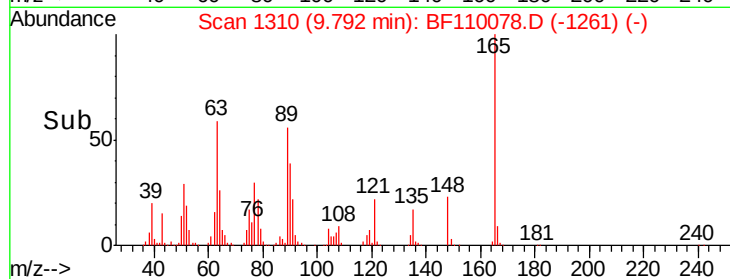
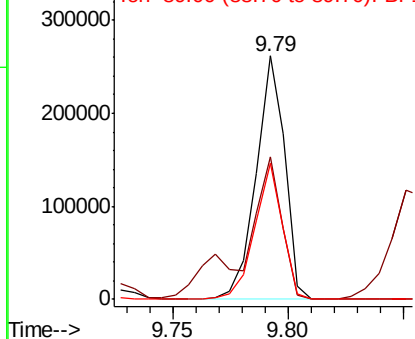
#51
 2,6-Dinitrotoluene
 Concen: 42.396 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF110078.D
 Acq: 23 Oct 2018 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 227044
 Ion Ratio Lower Upper
 165 100
 63 58.7 48.9 73.3
 89 56.0 46.6 69.8

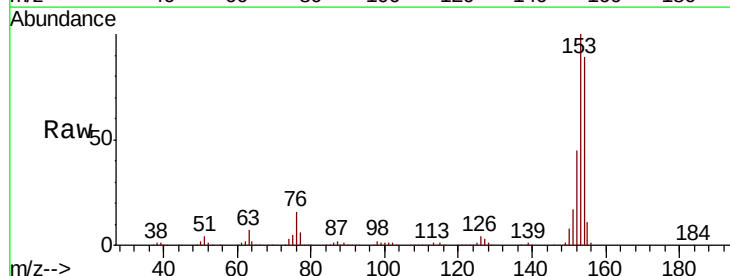


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

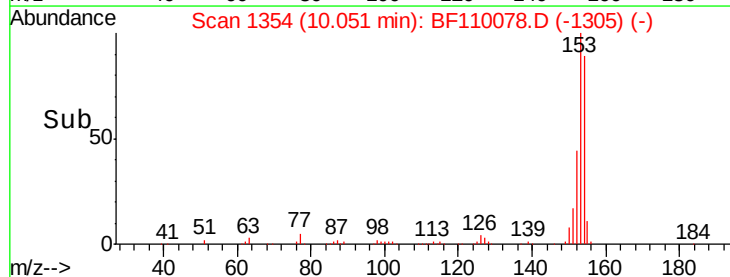
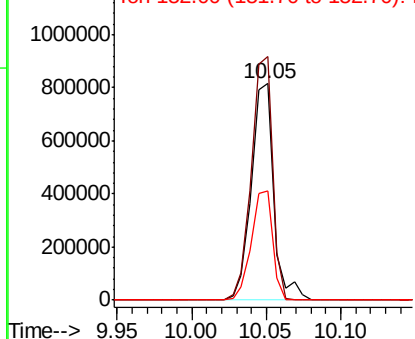


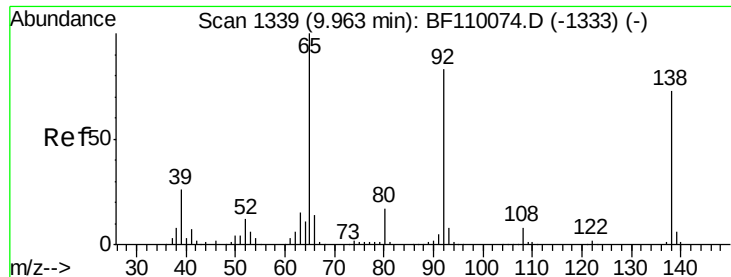
#52
 Acenaphthene
 Concen: 39.610 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF110078.D
 Acq: 23 Oct 2018 14:49

Tgt Ion:154 Resp: 845533
 Ion Ratio Lower Upper
 154 100
 153 112.5 90.1 135.1
 152 50.4 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

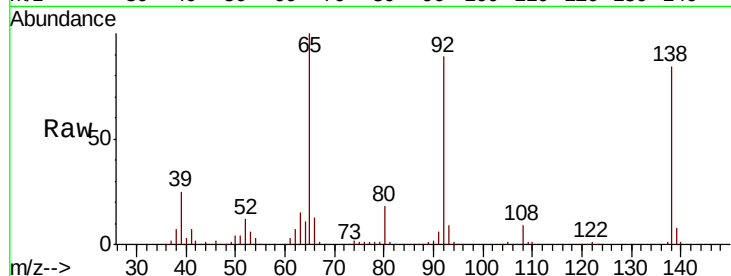




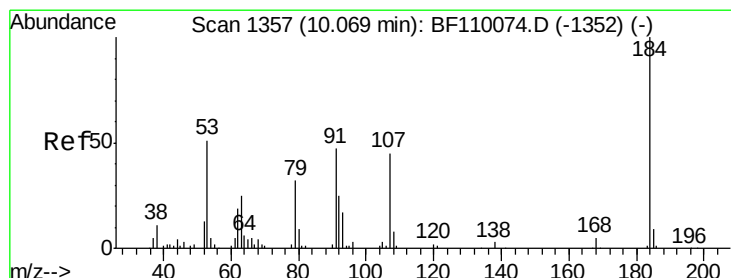
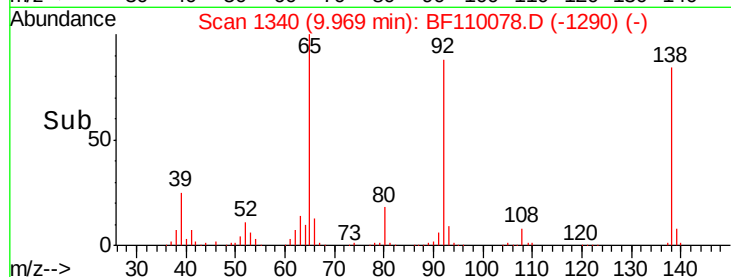
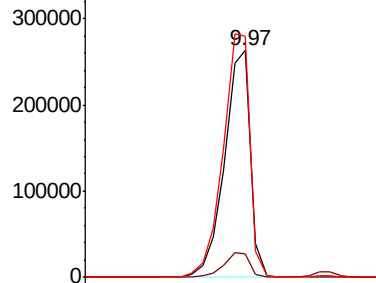
#53
3-Nitroaniline
Concen: 41.071 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 261557
Ion Ratio Lower Upper
138 100
108 10.2 8.7 13.1
92 106.2 97.0 145.4

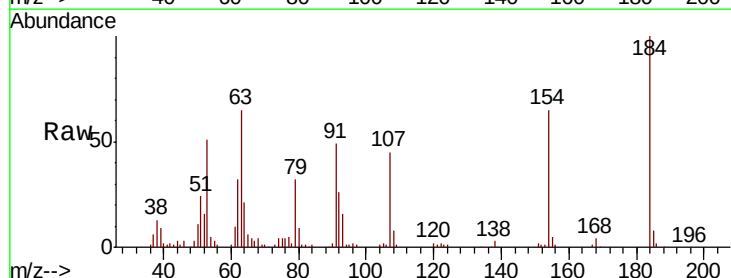


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

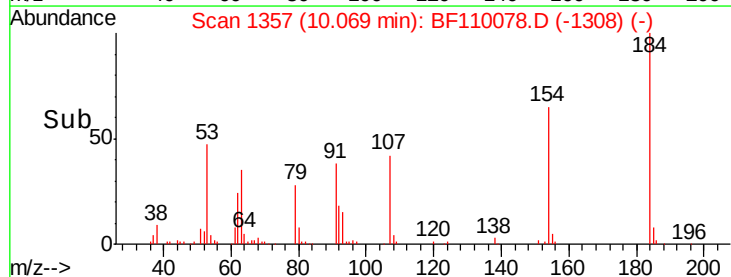
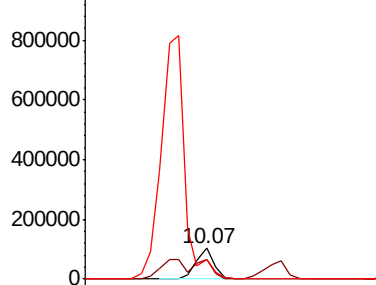


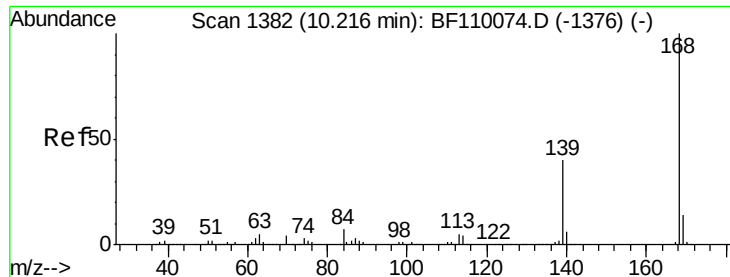
#54
2,4-Dinitrophenol
Concen: 41.224 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Tgt Ion:184 Resp: 81917
Ion Ratio Lower Upper
184 100
63 65.0 55.8 83.6
154 65.1 63.2 94.8



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

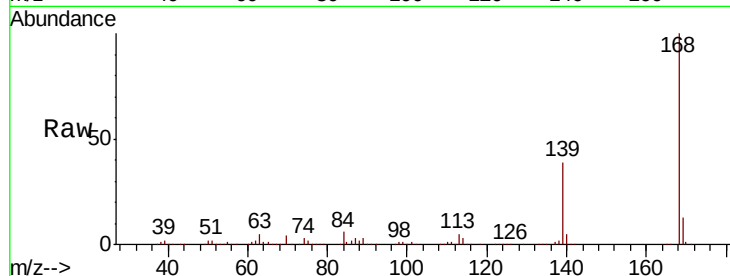




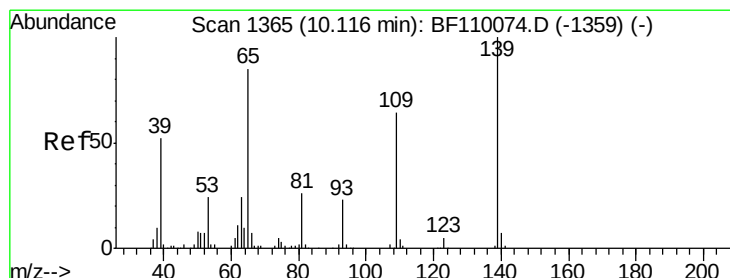
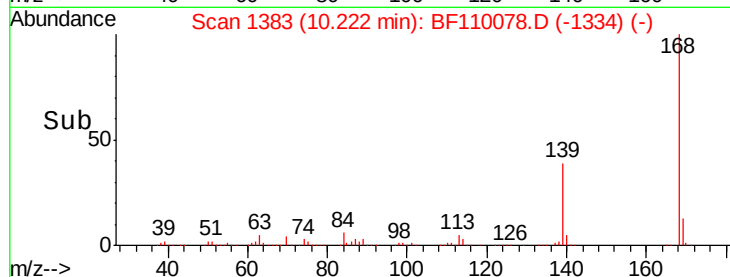
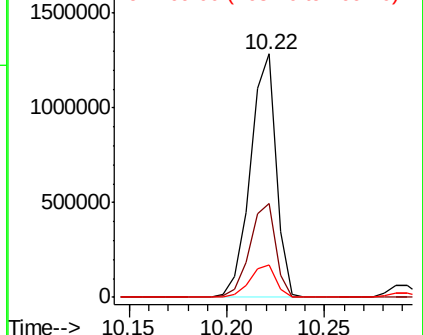
#55
Dibenzofuran
Concen: 39.356 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1176230
Ion Ratio Lower Upper
168 100
139 38.5 33.0 49.6
169 13.3 11.3 16.9

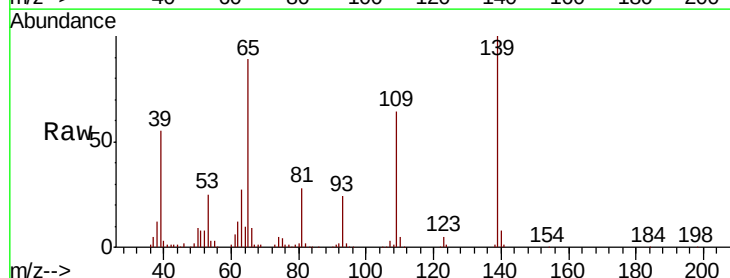


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

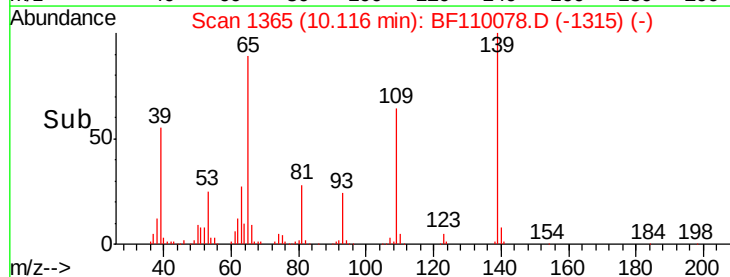
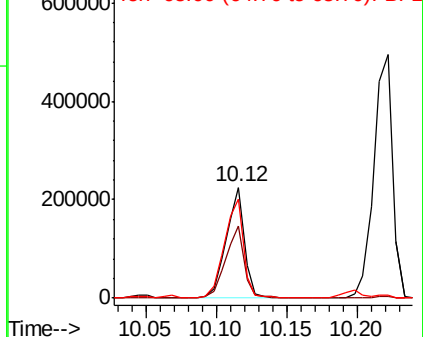


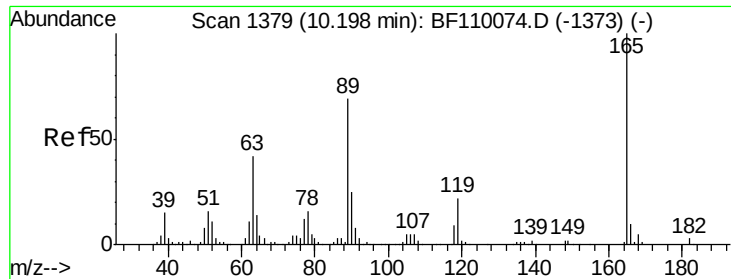
#56
4-Nitrophenol
Concen: 43.305 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Tgt Ion:139 Resp: 204114
Ion Ratio Lower Upper
139 100
109 64.3 55.8 95.8
65 89.5 77.9 117.9



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

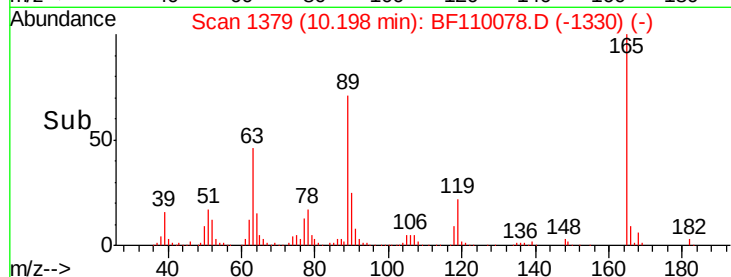
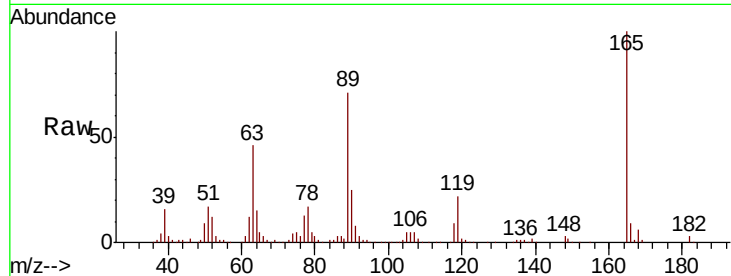




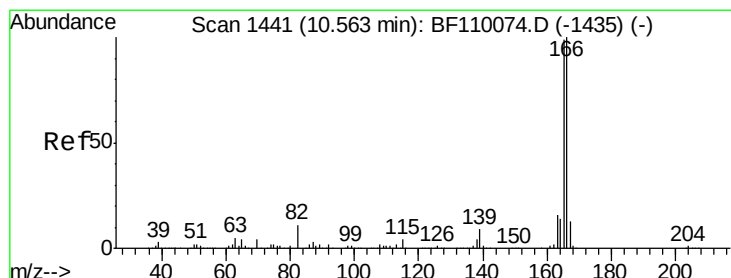
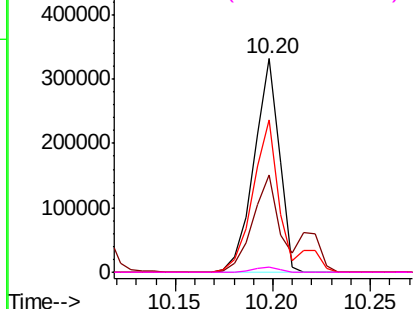
#57
2,4-Dinitrotoluene
Concen: 43.574 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:	165	Resp:	296397
Ion	Ratio	Lower	Upper
165	100		
63	45.9	44.8	67.2
89	71.4	62.2	93.4
182	2.6	2.1	3.1

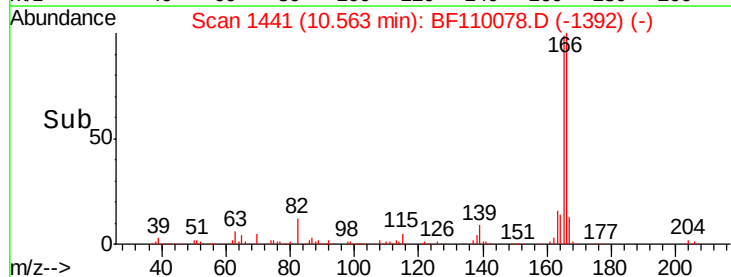
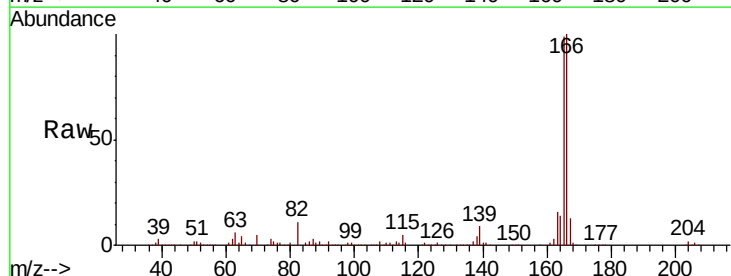


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

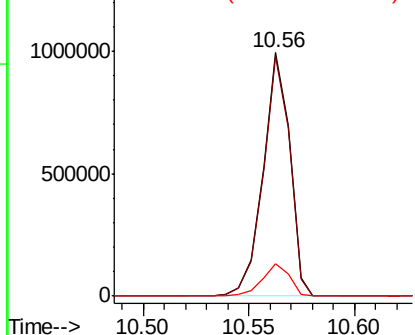


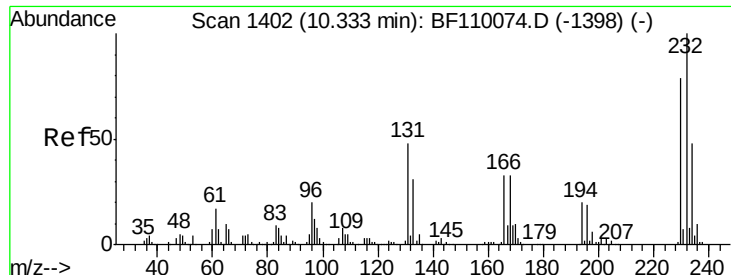
#58
Fluorene
Concen: 39.422 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Tgt Ion:	166	Resp:	876886
Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	13.3	10.8	16.2



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

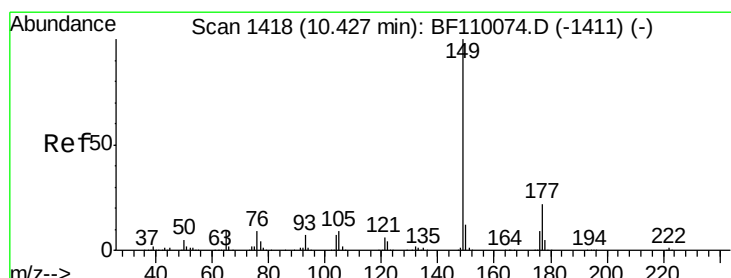
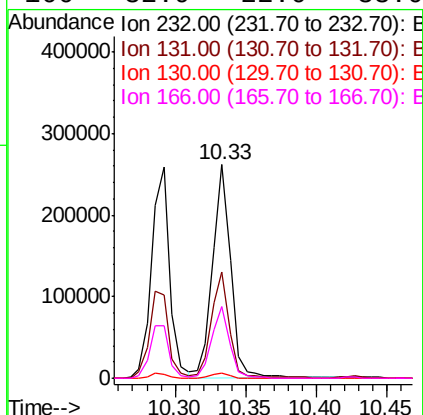
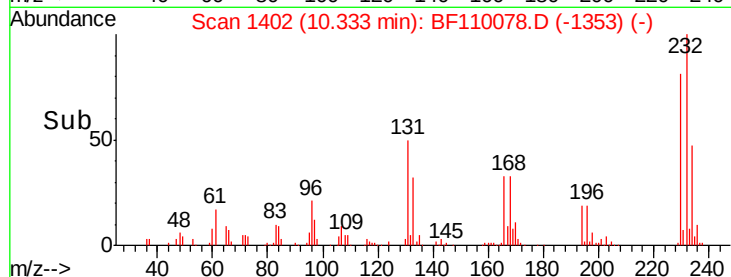
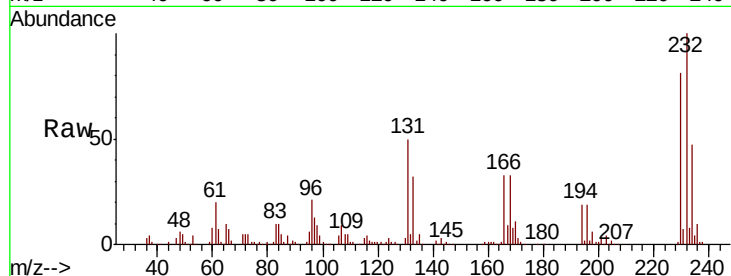




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.374 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF110078.D
 Acq: 23 Oct 2018 14:49

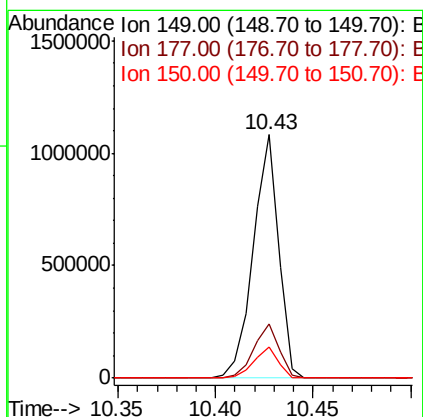
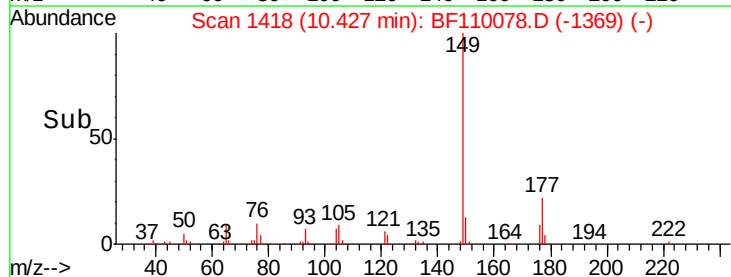
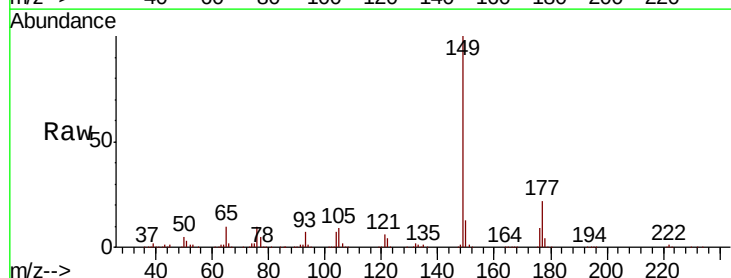
Instrument :
 BNA_F
 ClientSampleId :

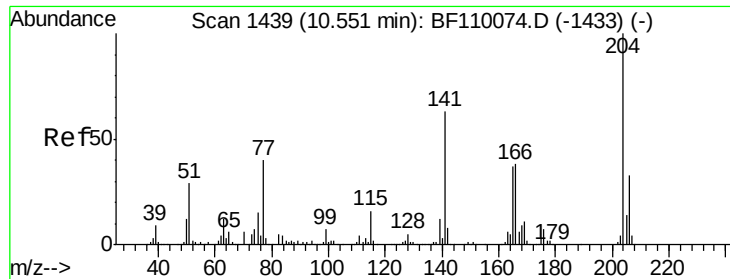
Tot Ion	Ratio	Lower	Upper
232	100		
131	48.5	37.0	55.4
130	2.3	1.8	2.6
166	32.9	22.0	33.0



#60
 Diethylphthalate
 Concen: 40.244 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF110078.D
 Acq: 23 Oct 2018 14:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.2
150	12.7	9.8	14.8

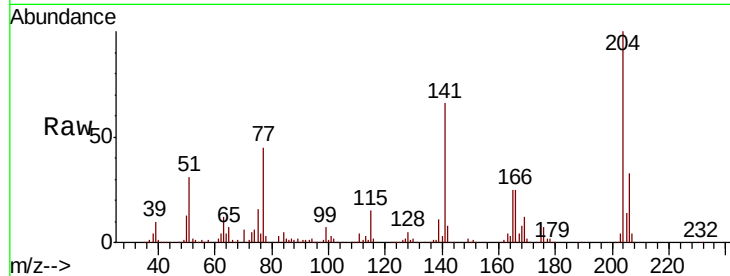




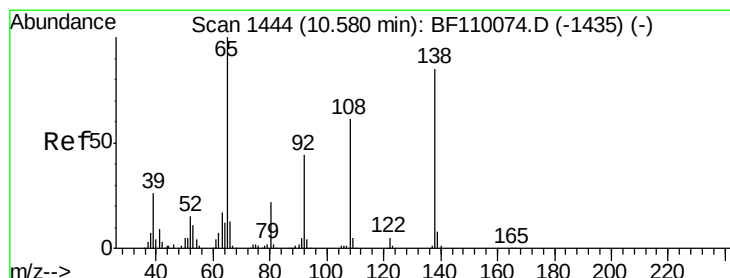
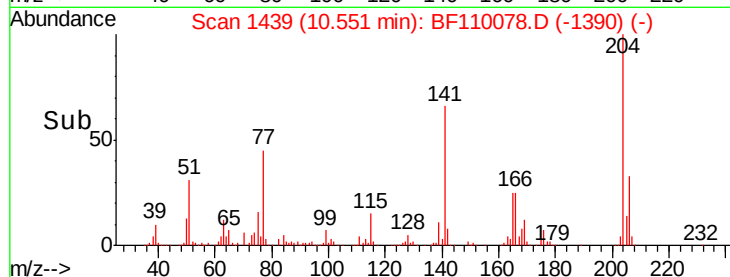
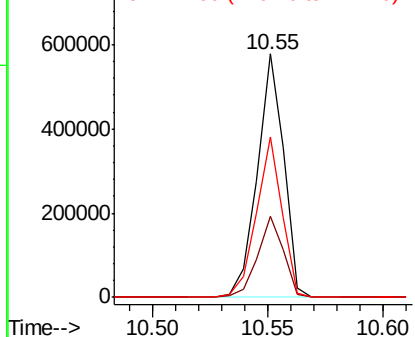
#61
4-Chlorophenyl-phenylether
Concen: 39.306 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	66.1	51.8	77.8

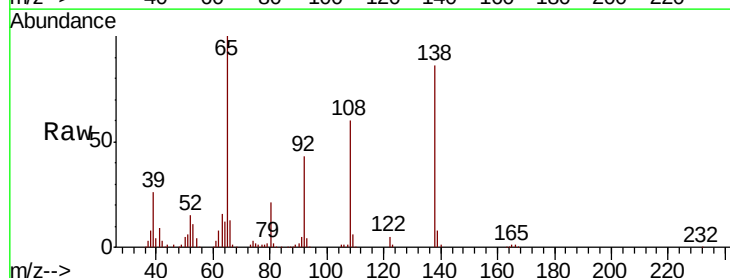


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

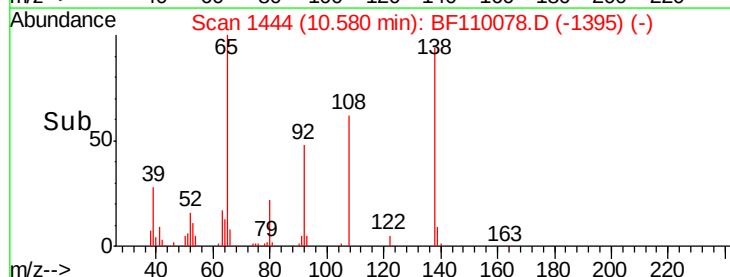
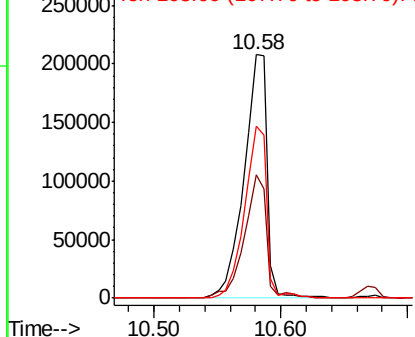


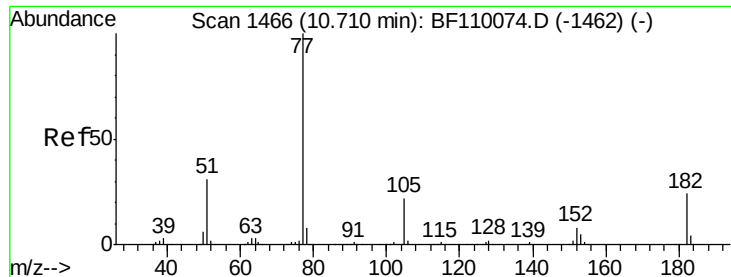
#62
4-Nitroaniline
Concen: 41.575 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.8	31.7	71.7
108	70.5	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: 39.956 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 962509

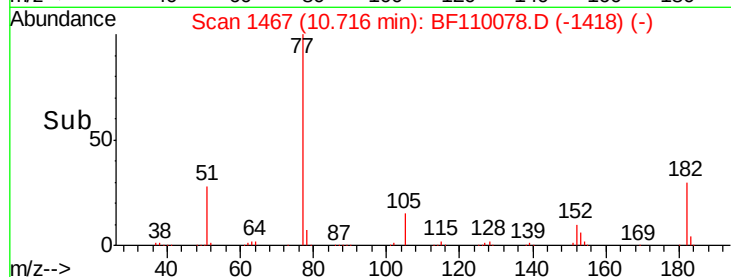
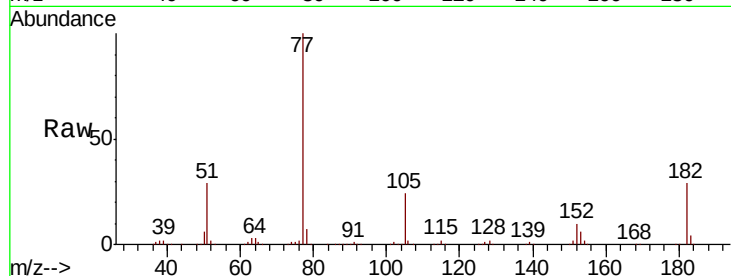
Ion Ratio Lower Upper

77 100

182 28.9 4.3 44.3

105 23.7 1.3 41.3

51 29.5 9.0 49.0

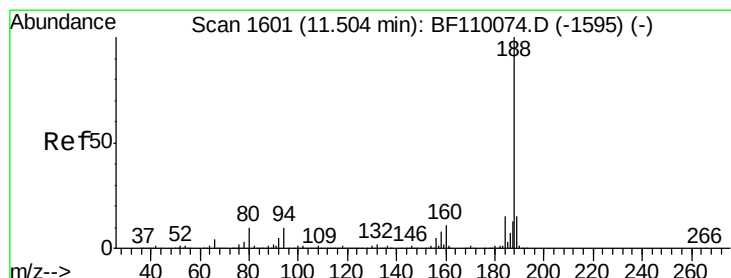
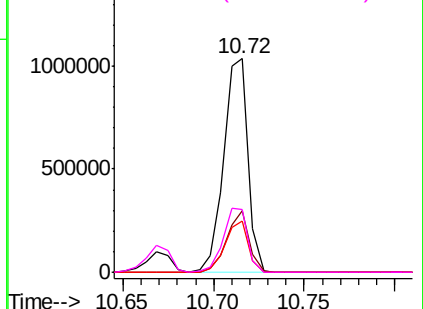


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

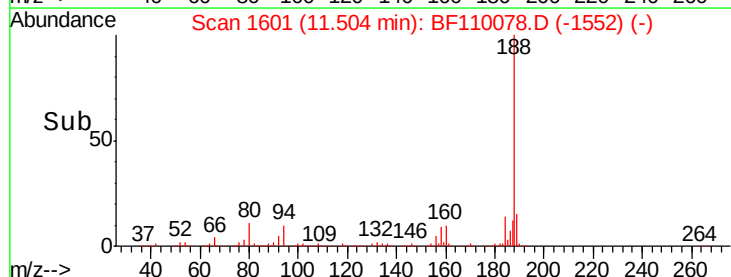
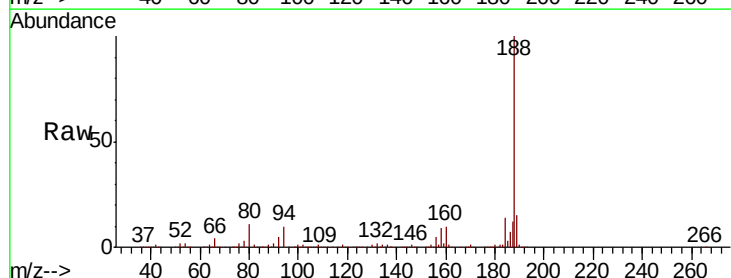
Tgt Ion: 188 Resp: 648487

Ion Ratio Lower Upper

188 100

94 9.9 7.2 10.8

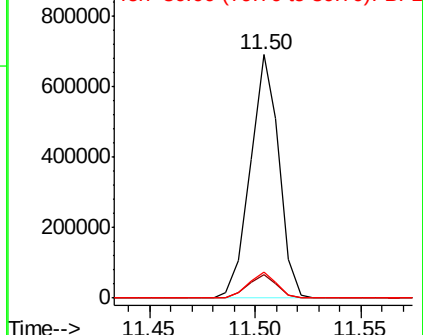
80 10.6 7.9 11.9

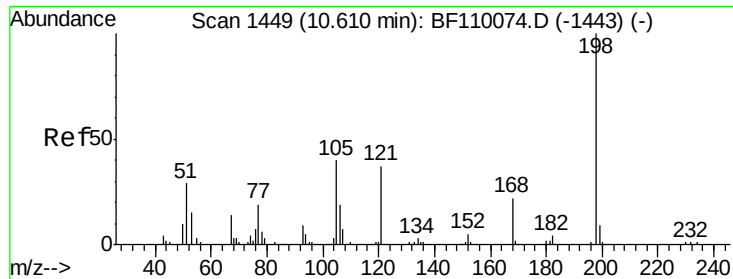


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

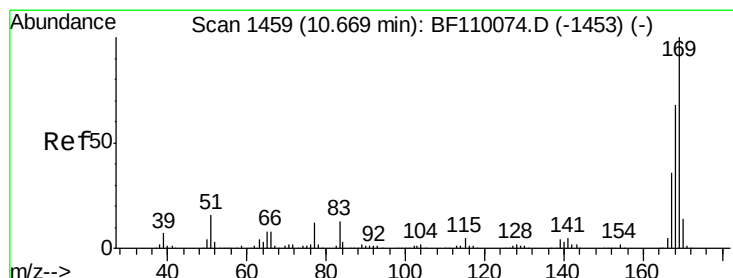
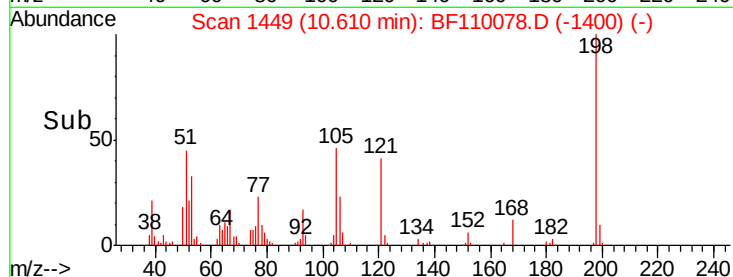
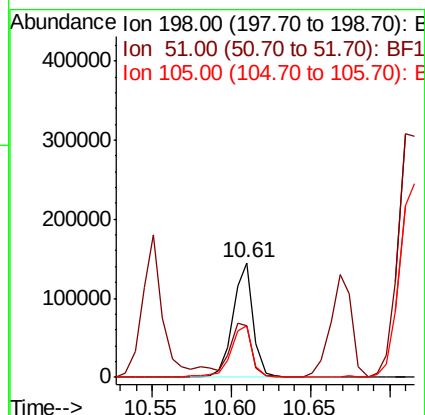
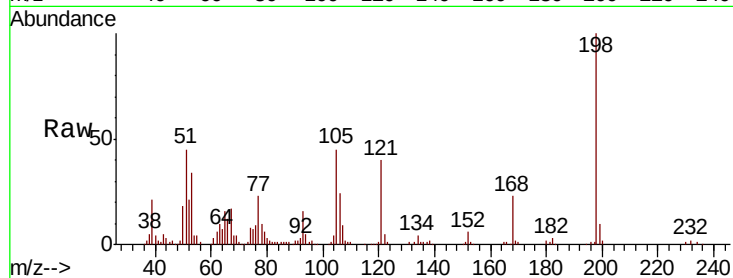




#65
4,6-Dinitro-2-methylphenol
Concen: 42.787 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

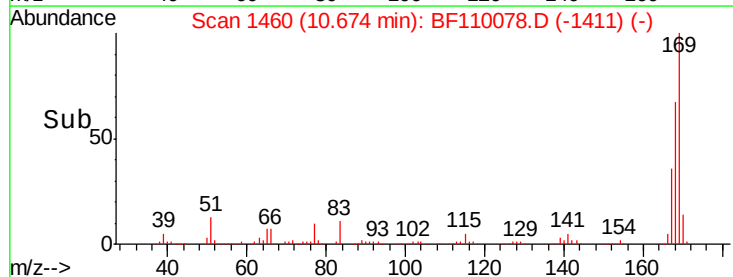
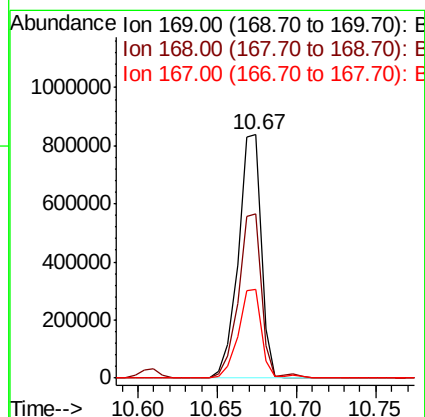
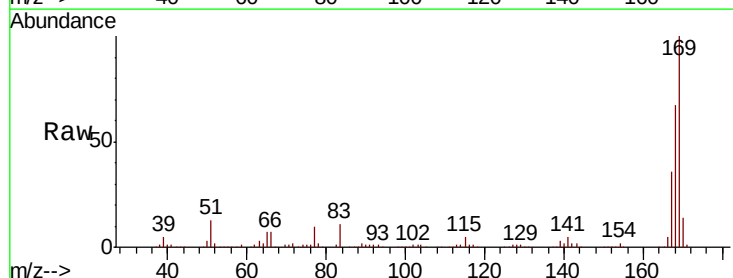
Instrument :
BNA_F
ClientSampleId :

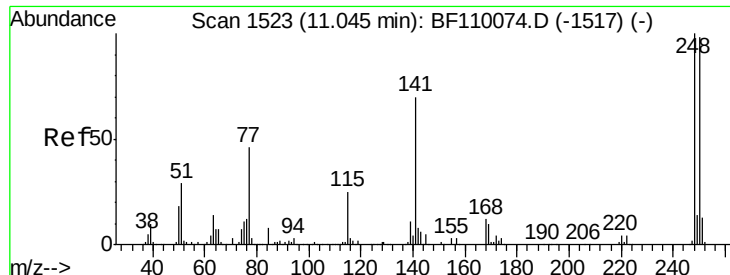
Tot Ion:198 Resp: 126768
Ion Ratio Lower Upper
198 100
51 45.0 22.8 62.8
105 45.0 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 39.557 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Tgt Ion:169 Resp: 841400
Ion Ratio Lower Upper
169 100
168 67.2 51.2 76.8
167 36.2 27.8 41.6

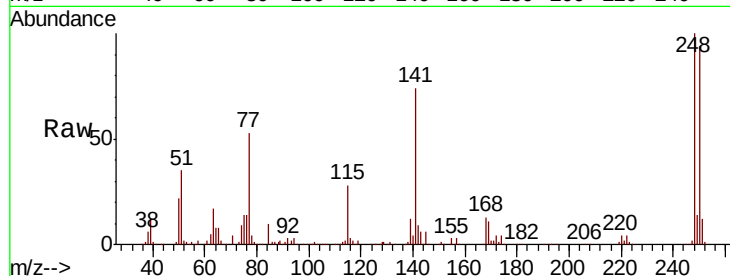




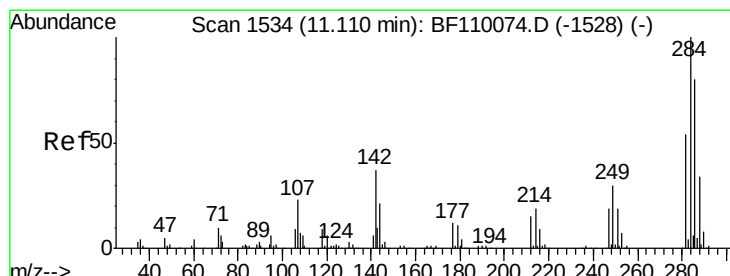
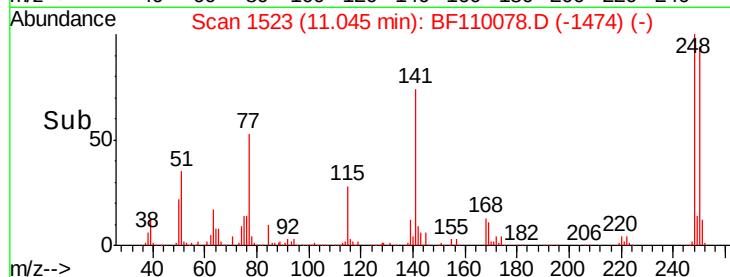
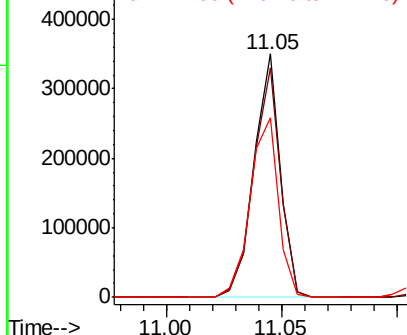
#67
4-Bromophenyl-phenylether
Concen: 39.785 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 279854
Ion Ratio Lower Upper
248 100
250 94.4 79.4 119.2
141 73.8 55.9 83.9

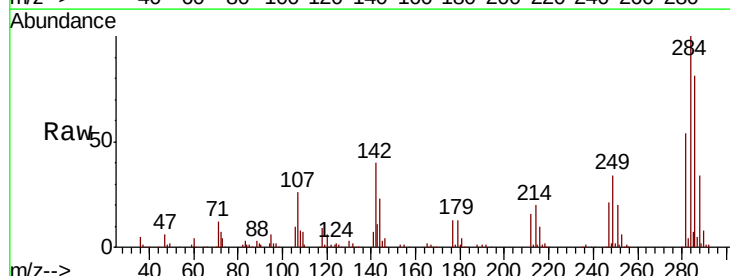


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

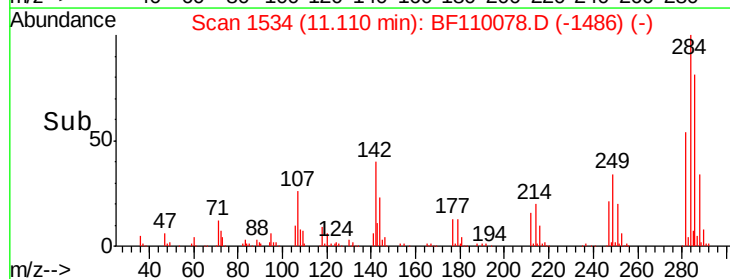
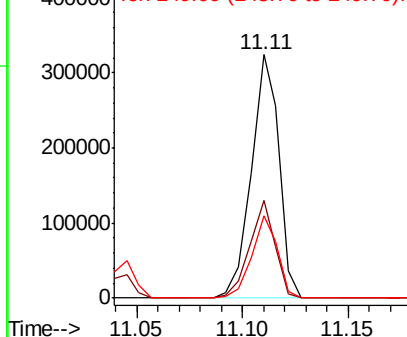


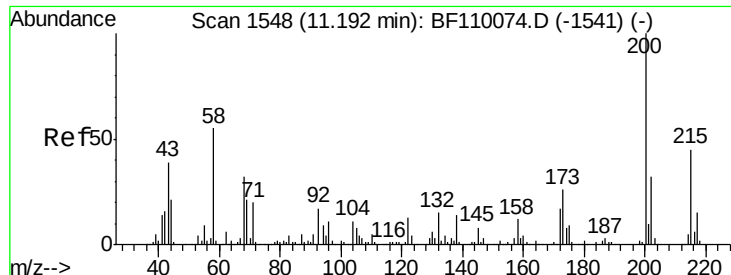
#68
Hexachlorobenzene
Concen: 39.436 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Tgt Ion:284 Resp: 294333
Ion Ratio Lower Upper
284 100
142 40.1 23.9 35.9#
249 33.8 24.2 36.2



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

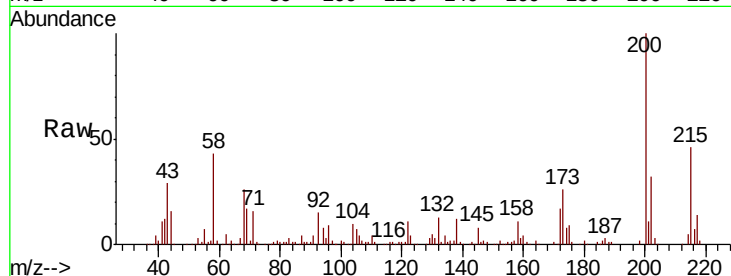




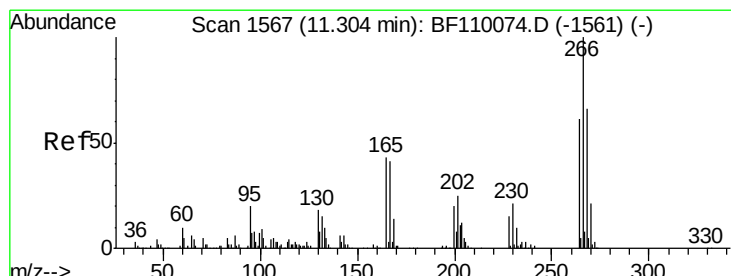
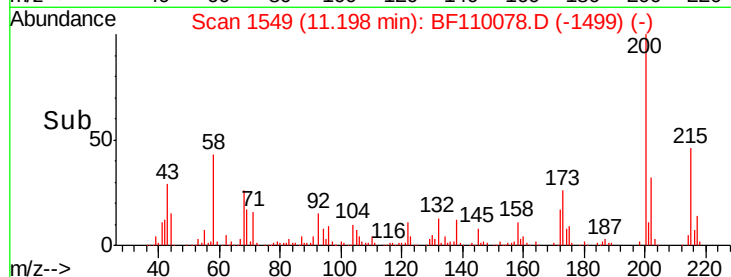
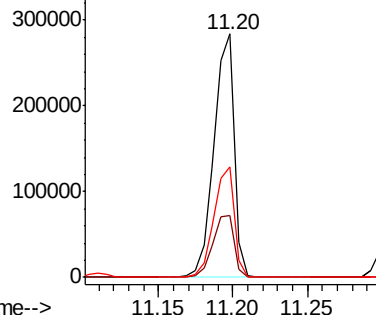
#69
 Atrazine
 Concen: 39.676 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF110078.D
 Acq: 23 Oct 2018 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.6	46.6
215	45.6	26.3	66.3

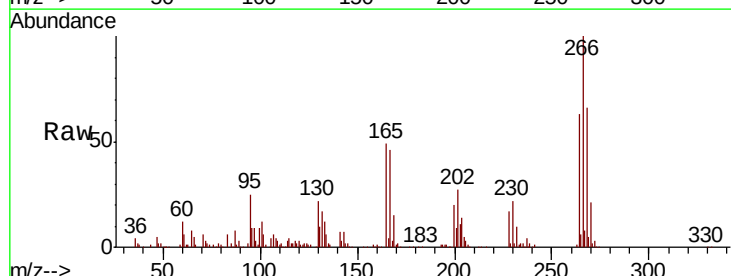


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

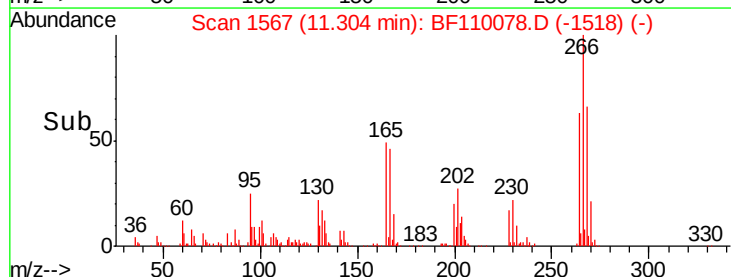
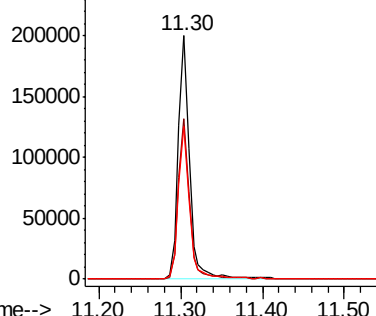


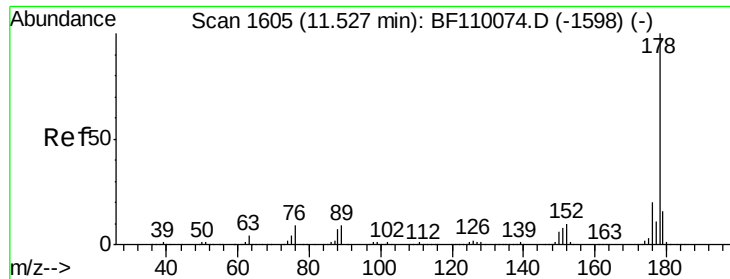
#70
 Pentachlorophenol
 Concen: 44.615 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF110078.D
 Acq: 23 Oct 2018 14:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	50.6	75.8
264	62.8	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

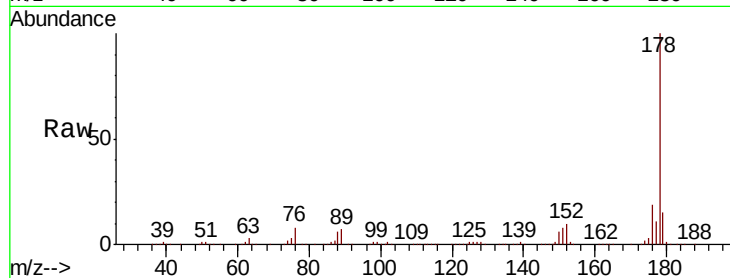




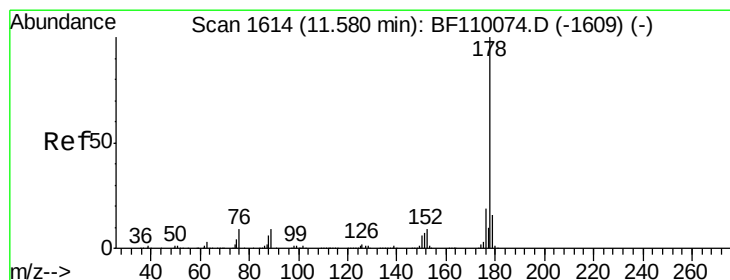
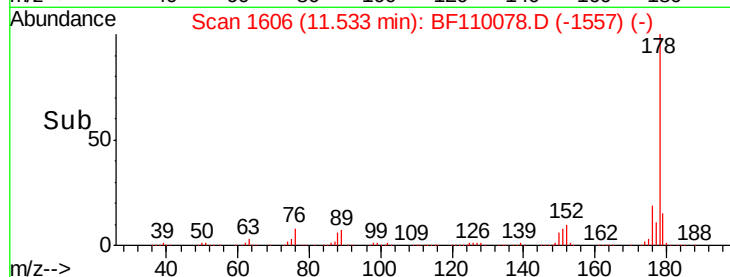
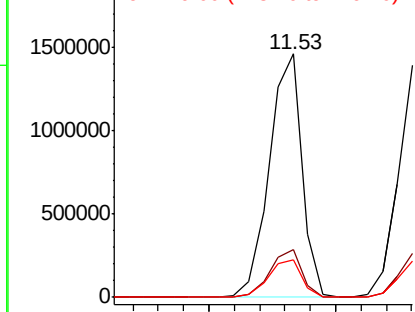
#71
Phenanthrene
Concen: 38.982 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1322719
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.5 12.5 18.7

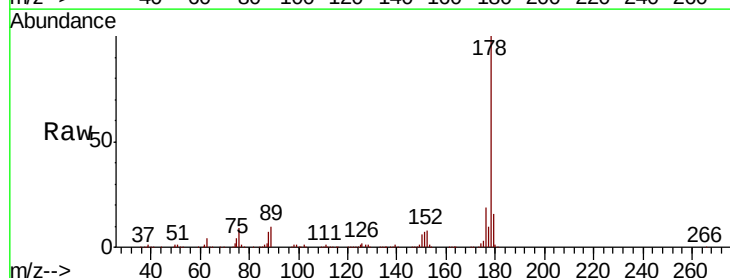


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

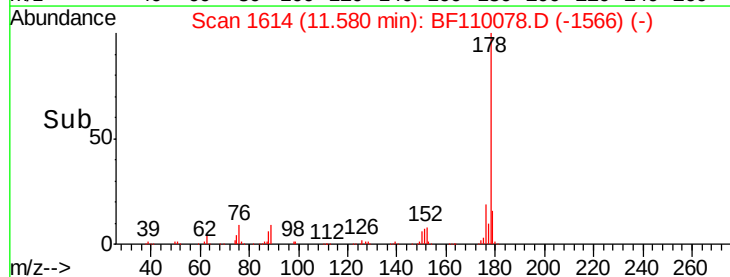
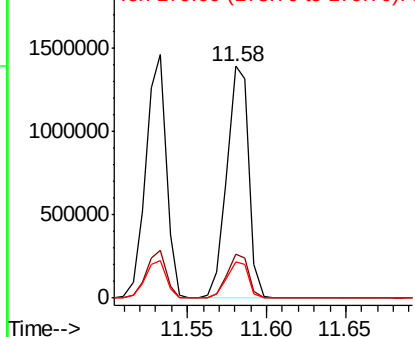


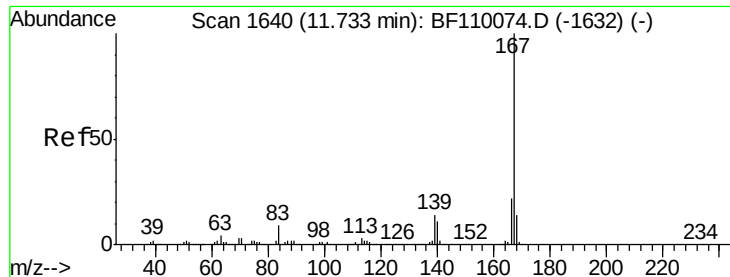
#72
Anthracene
Concen: 39.376 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Tgt Ion:178 Resp: 1339229
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.7 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.507 ng

RT: 11.74 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Instrument :

BNA_F

ClientSampleId :

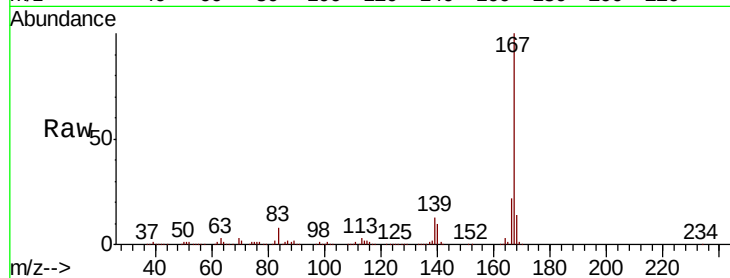
Tot Ion:167 Resp: 1311958

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

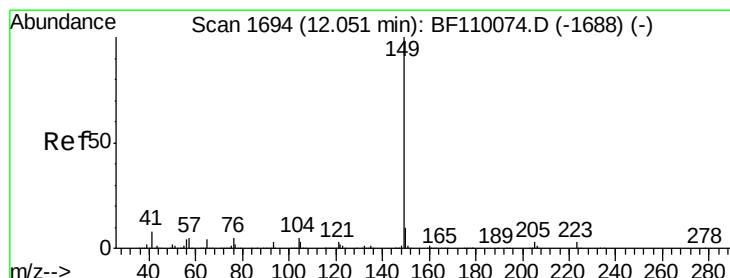
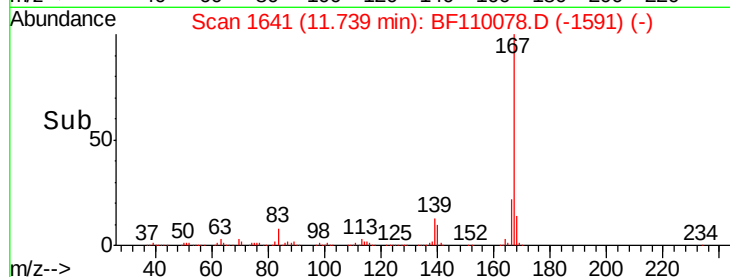
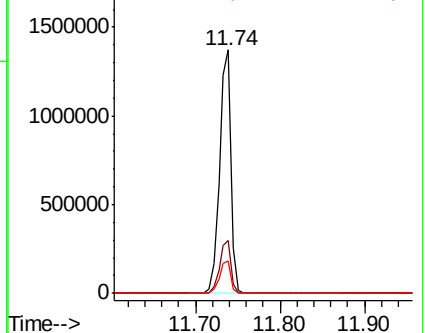
139 13.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.662 ng

RT: 12.06 min Scan# 1695

Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

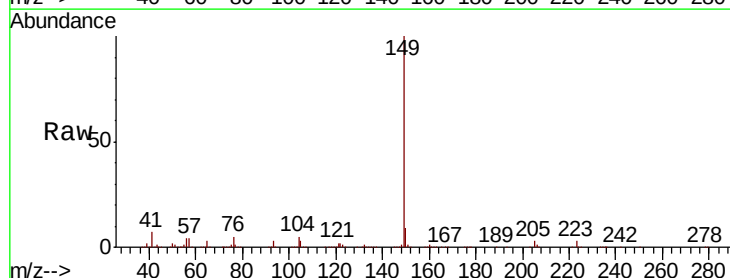
Tgt Ion:149 Resp: 1525061

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

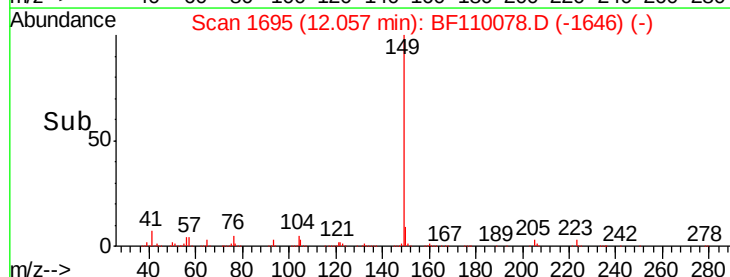
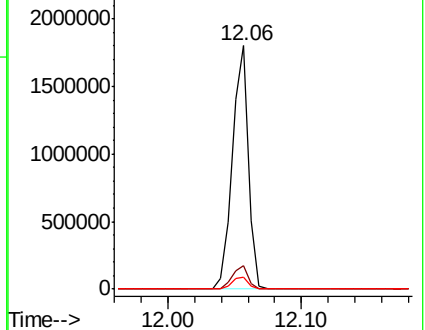
104 4.9 4.2 6.4

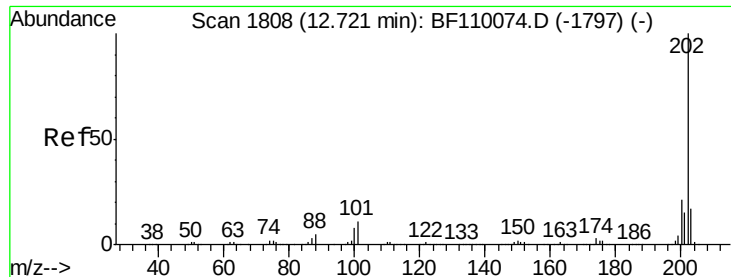


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

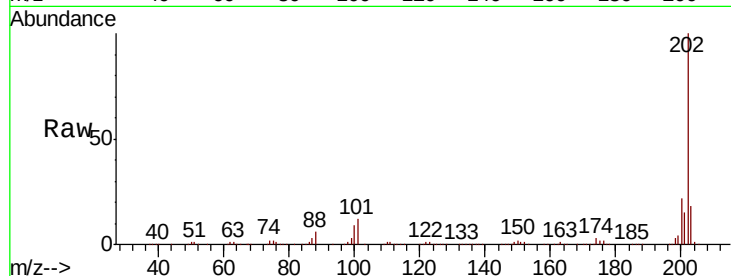




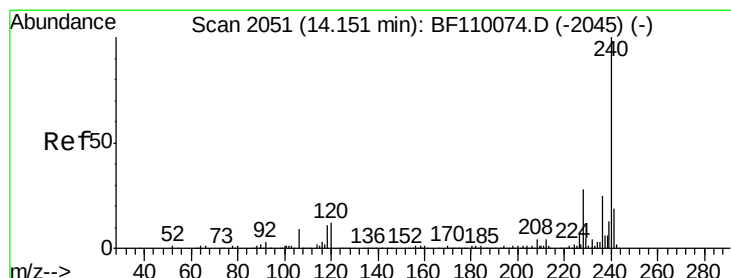
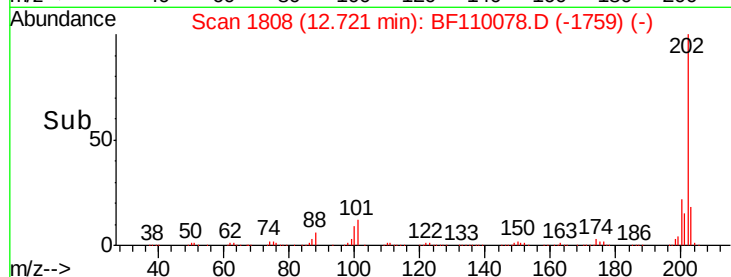
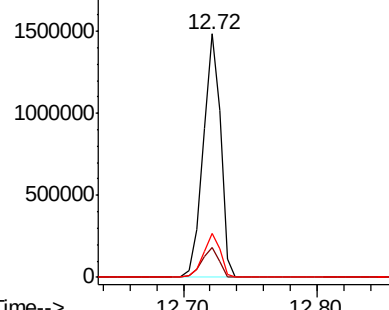
#75
 Fluoranthene
 Concen: 39.641 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF110078.D
 Acq: 23 Oct 2018 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1365103
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 31.4
 203 18.3 0.0 37.7

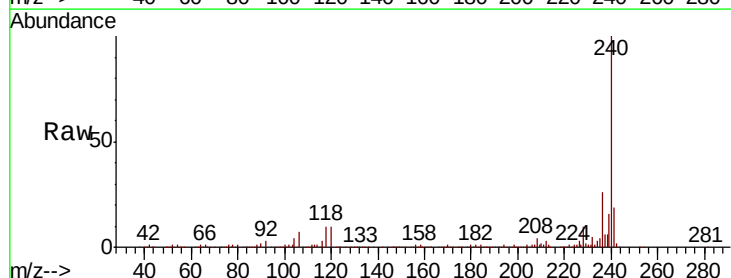


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

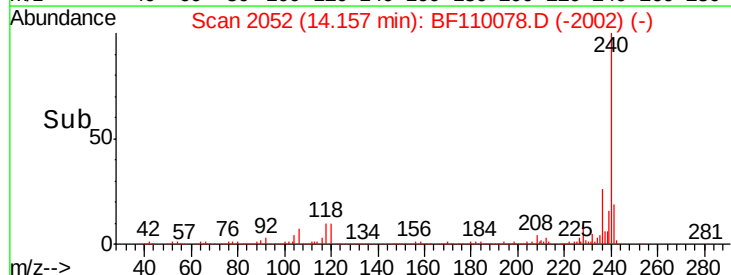
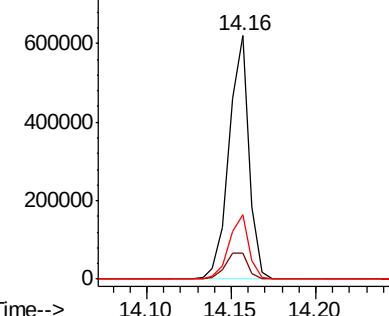


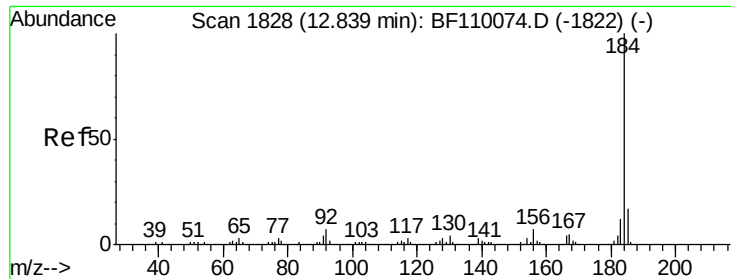
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF110078.D
 Acq: 23 Oct 2018 14:49

Tgt Ion:240 Resp: 511829
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.3 12.5
 236 26.3 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.208 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Instrument :

BNA_F

ClientSampled :

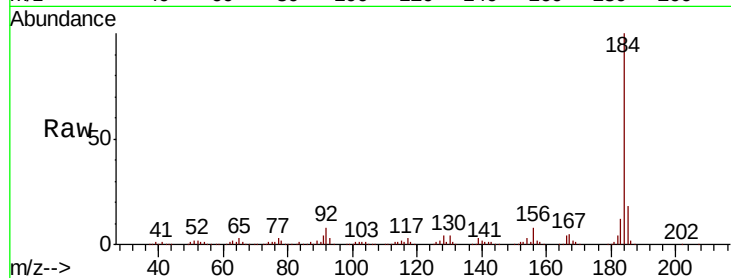
Tot Ion:184 Resp: 582409

Ion	Ratio	Lower	Upper
184	100		
185	18.4	13.4	20.2
183	12.3	9.4	14.2

184 100

185 18.4 13.4 20.2

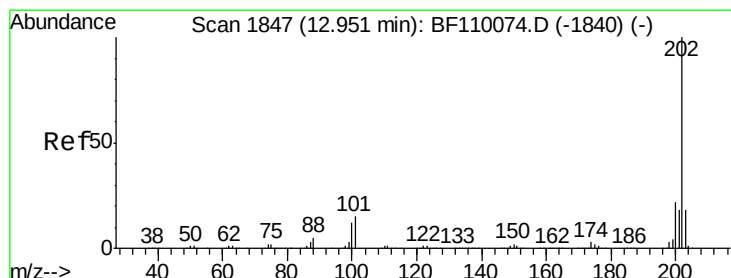
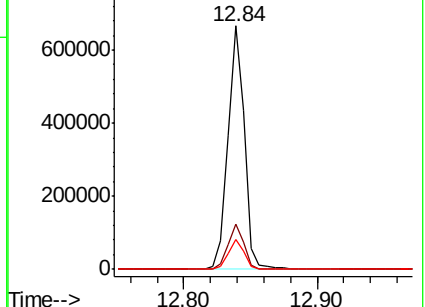
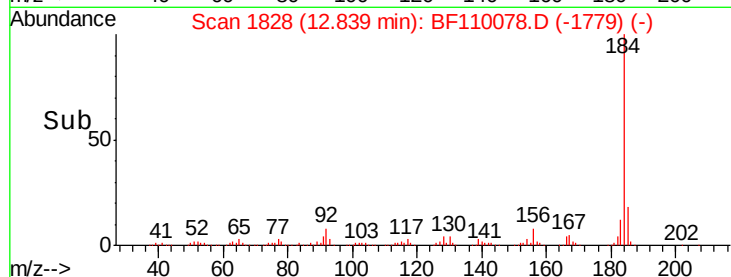
183 12.3 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.619 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

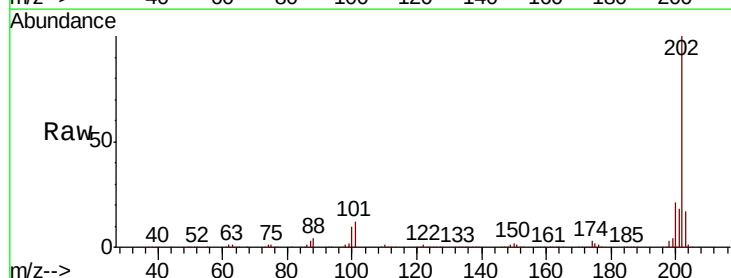
Tgt Ion:202 Resp: 1417070

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.6
203	17.2	14.2	21.4

202 100

200 21.4 17.8 26.6

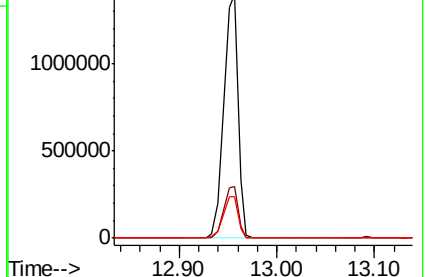
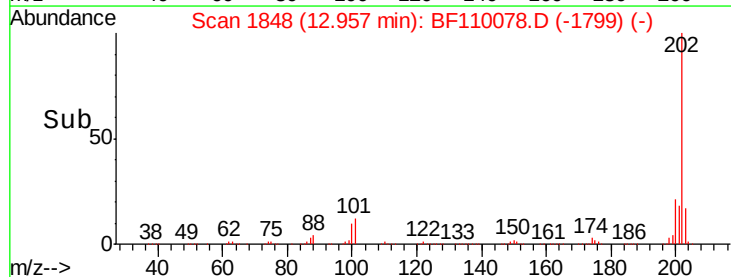
203 17.2 14.2 21.4

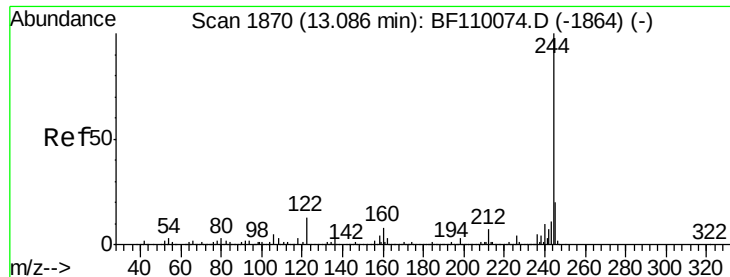


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 37.453 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Instrument :

BNA_F

ClientSampled :

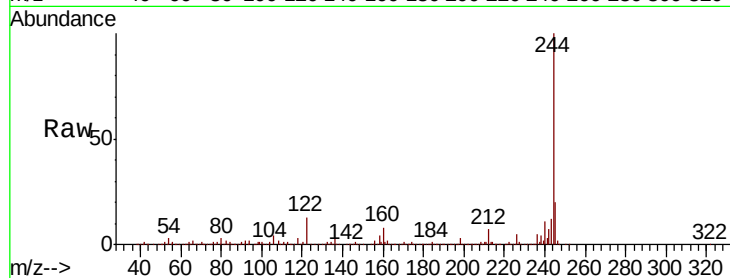
Tot Ion:244 Resp: 1843457

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

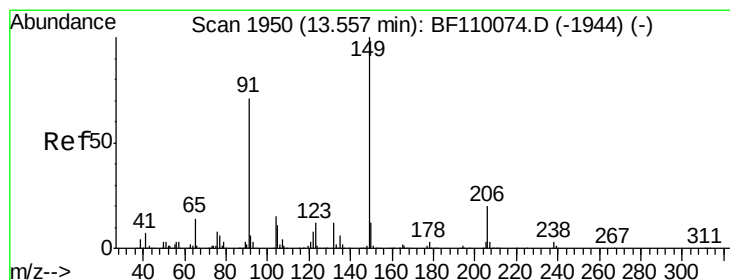
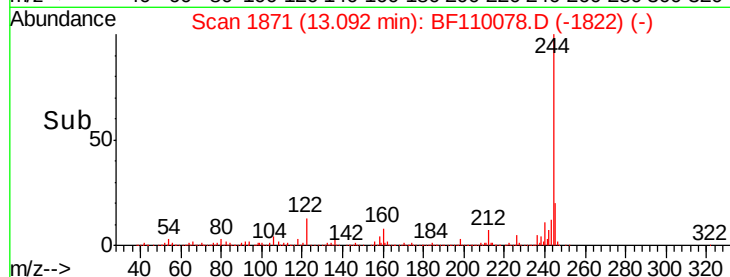
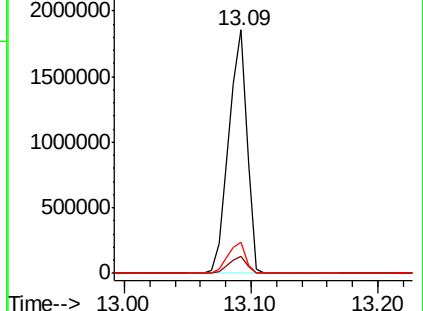
122 12.6 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.358 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

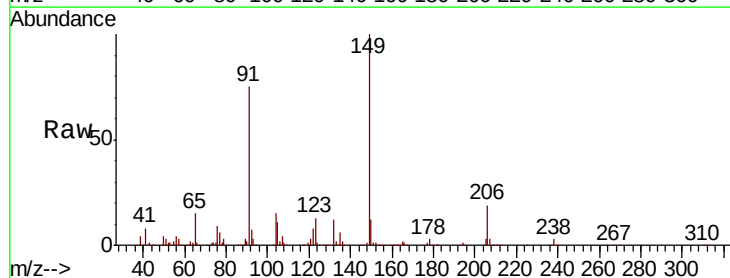
Tgt Ion:149 Resp: 642761

Ion Ratio Lower Upper

149 100

91 74.6 57.2 85.8

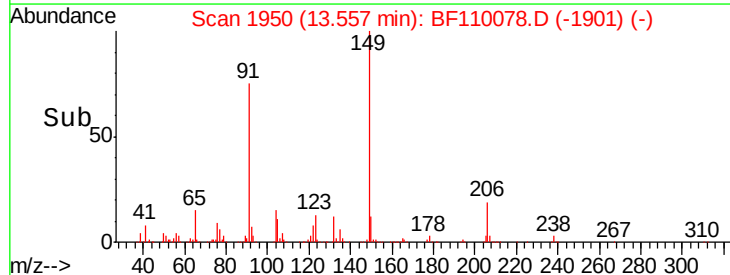
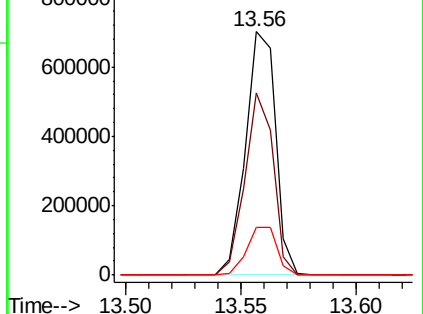
206 19.4 15.7 23.5

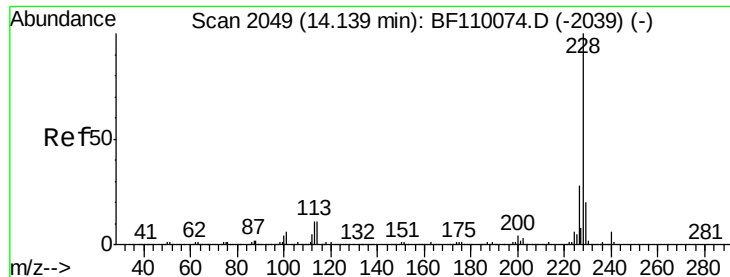


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.067 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

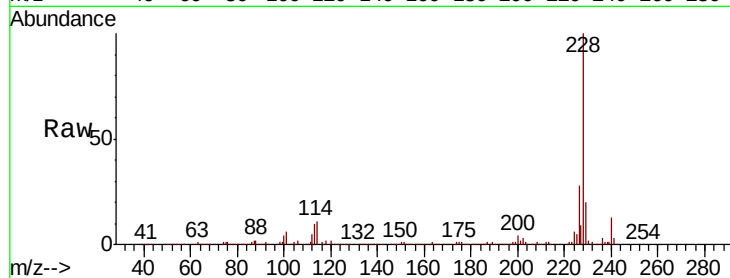
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1216148

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	20.4	15.6	23.4

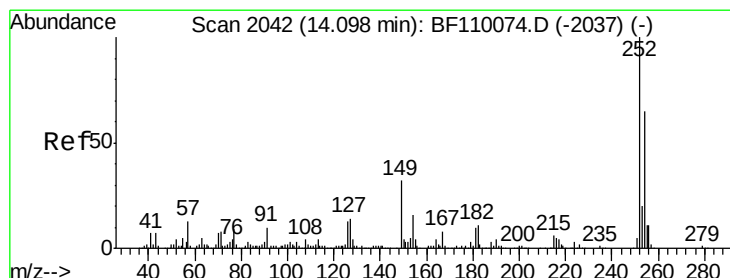
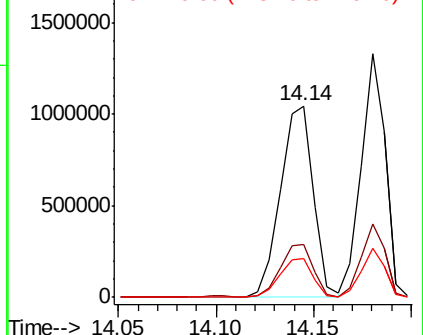
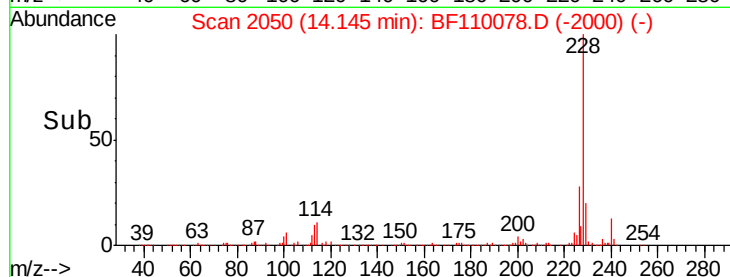


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.715 ng

RT: 14.10 min Scan# 2043

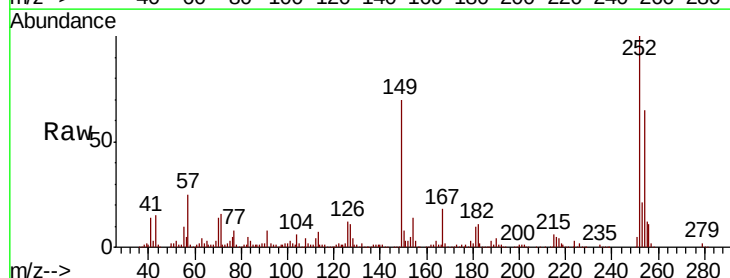
Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Tgt Ion:252 Resp: 419755

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.3	76.9
126	11.7	9.4	14.2

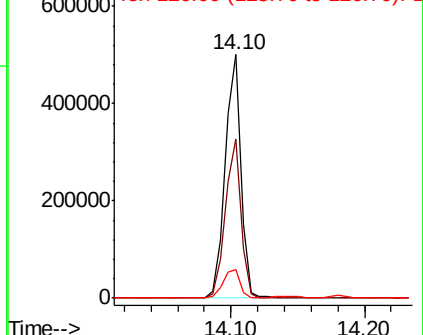
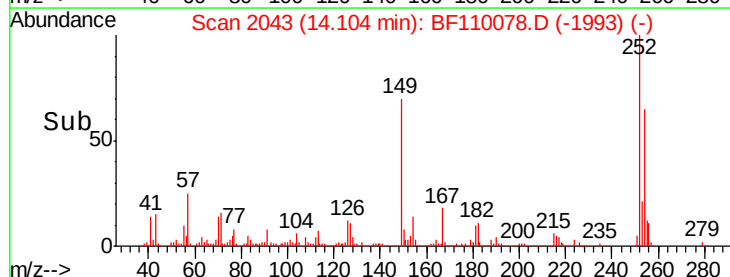


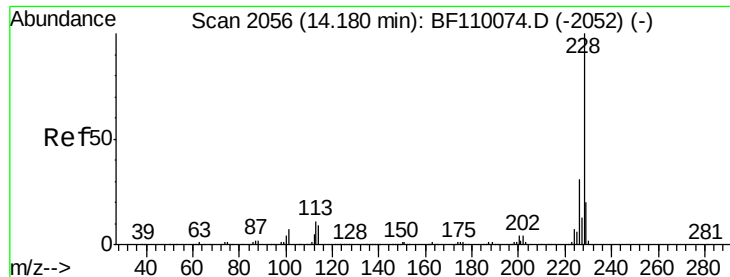
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.355 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Instrument :

BNA_F

ClientSampleId :

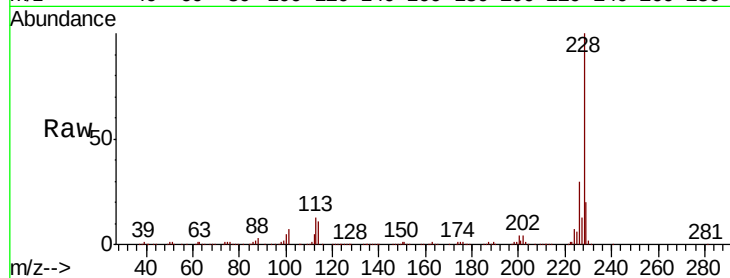
Tot Ion:228 Resp: 1134569

Ion Ratio Lower Upper

228 100

226 30.3 24.7 37.1

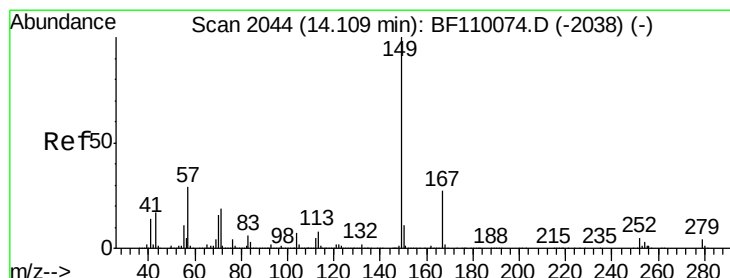
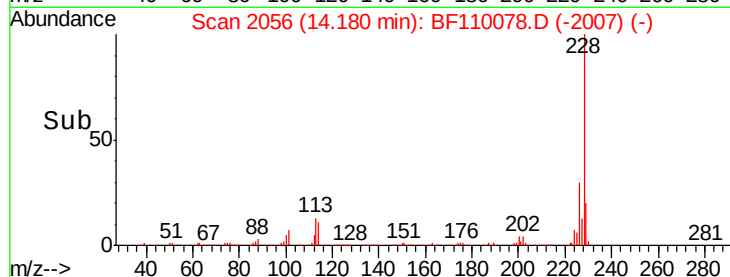
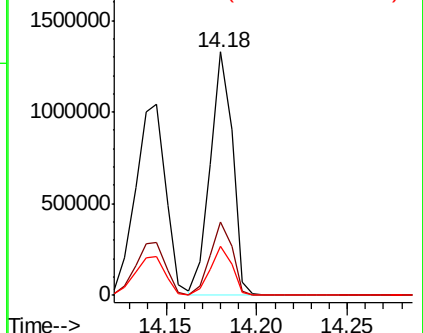
229 20.4 15.9 23.9



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: 40.661 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

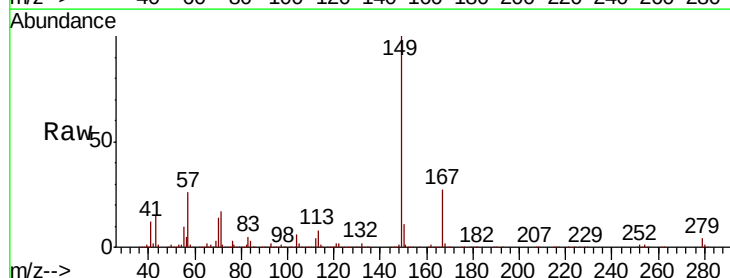
Tgt Ion:149 Resp: 875406

Ion Ratio Lower Upper

149 100

167 27.3 19.8 29.8

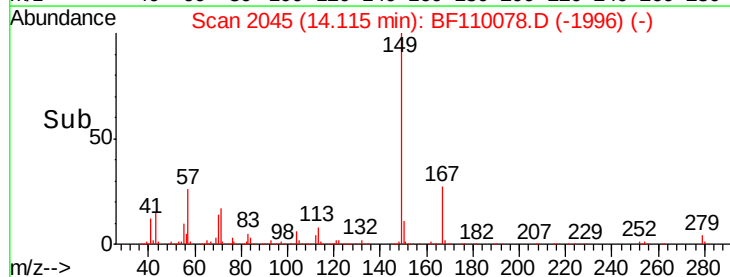
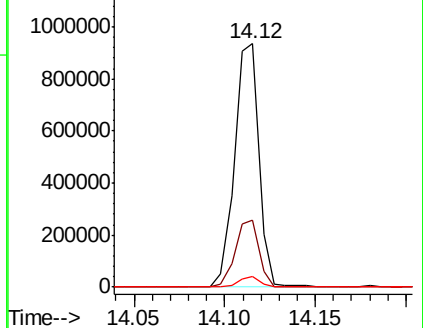
279 4.3 2.7 4.1#

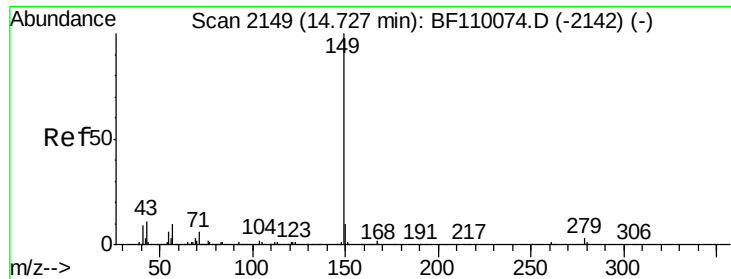


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

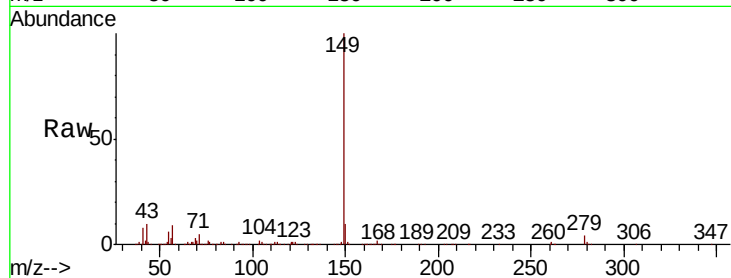




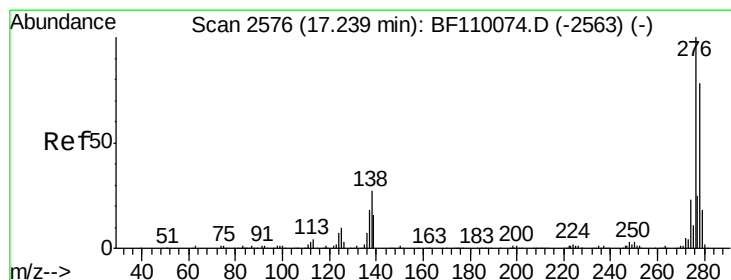
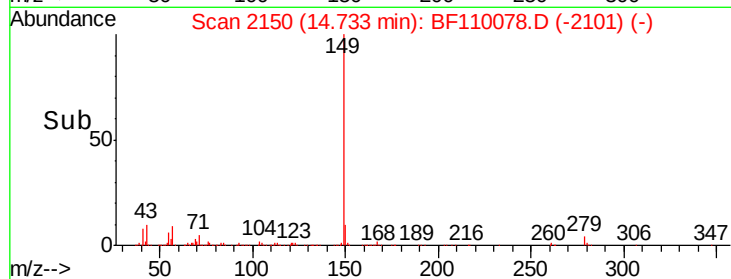
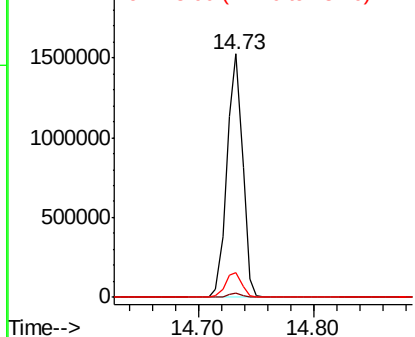
#85
Di-n-octyl phthalate
Concen: 42.596 ng
RT: 14.73 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1425997
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.5 7.8 11.8

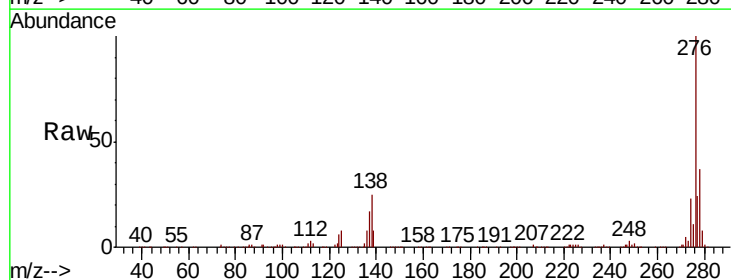


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

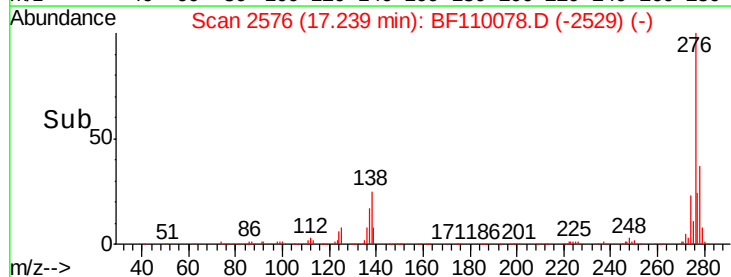
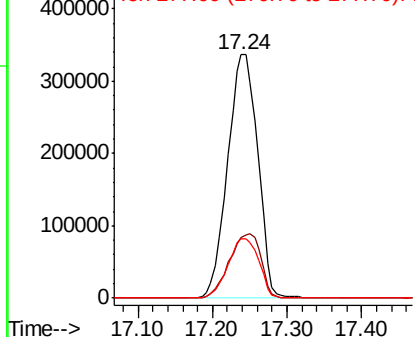


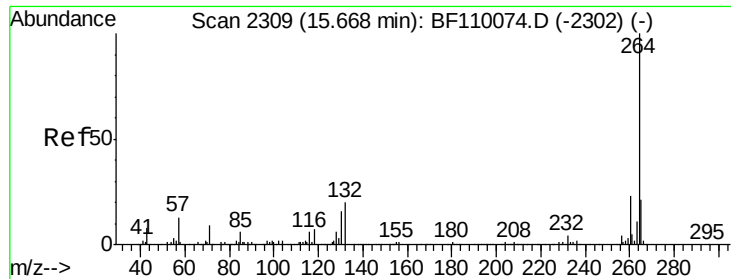
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.492 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Tgt Ion:276 Resp: 944508
Ion Ratio Lower Upper
276 100
138 27.6 18.5 27.7
277 25.0 20.0 30.0



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

Instrument :

BNA_F

ClientSampleId :

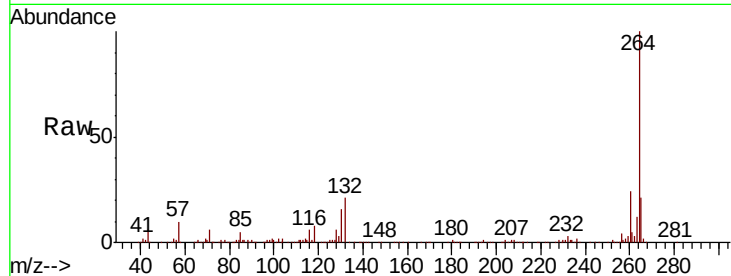
Tot Ion:264 Resp: 431099

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

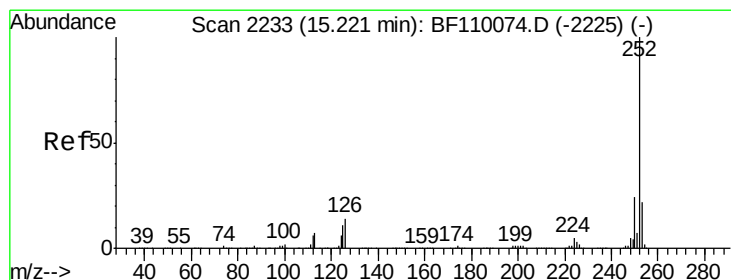
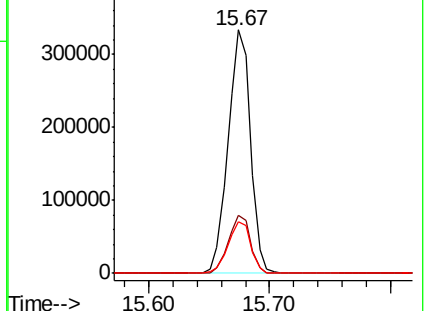
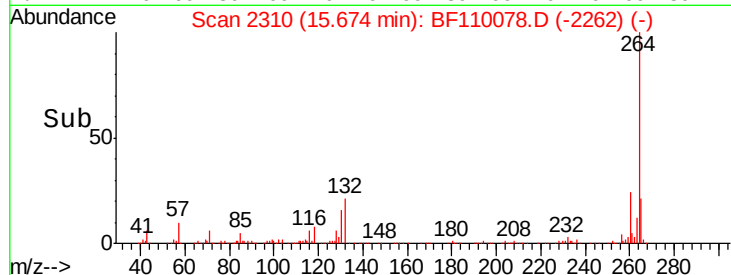
265 21.0 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.982 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF110078.D

Acq: 23 Oct 2018 14:49

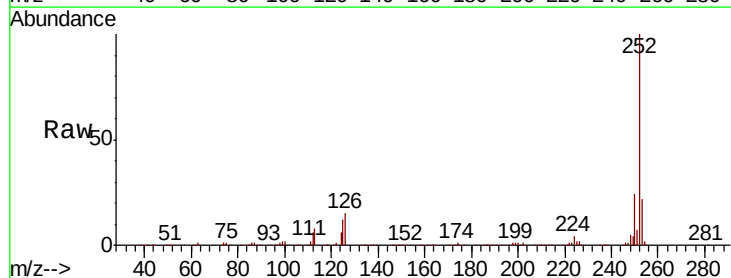
Tgt Ion:252 Resp: 1045117

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

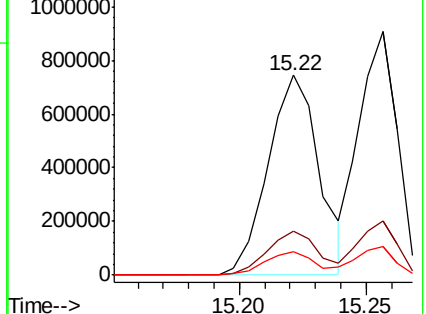
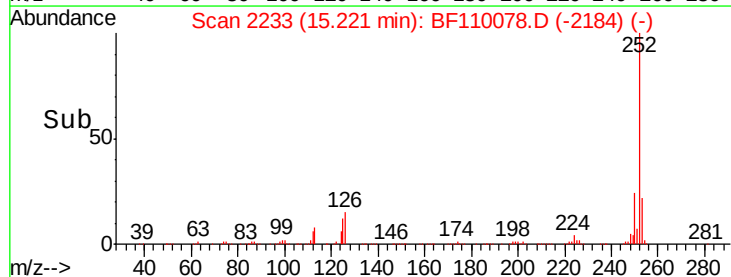
125 11.8 8.2 12.4

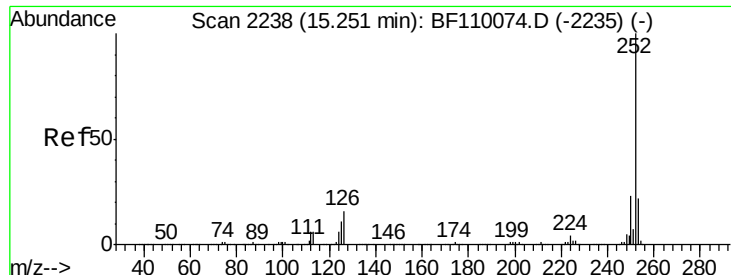


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

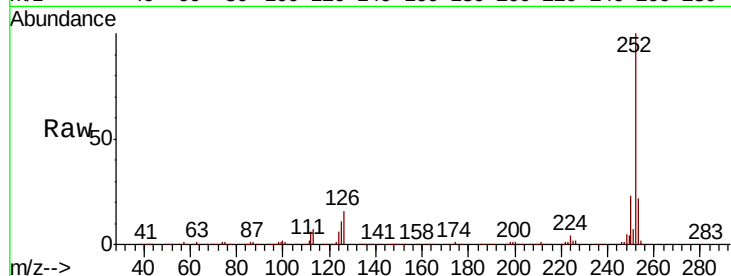




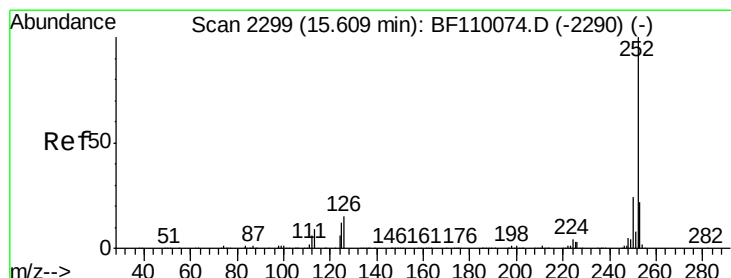
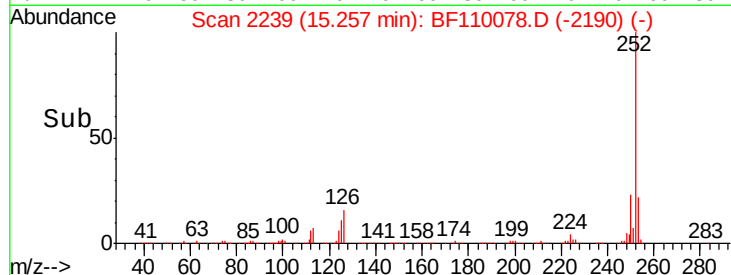
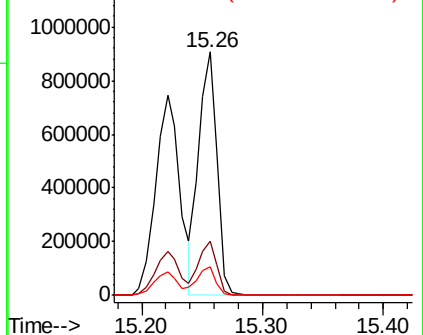
#89
Benzo(k)fluoranthene
Concen: 39.095 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 956805
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 11.5 7.4 11.0#

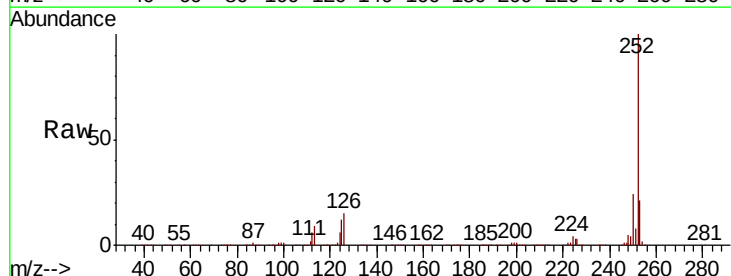


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

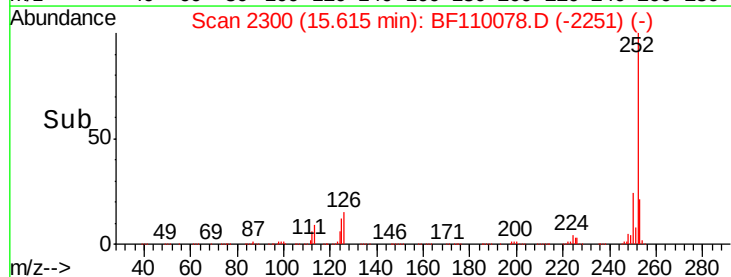
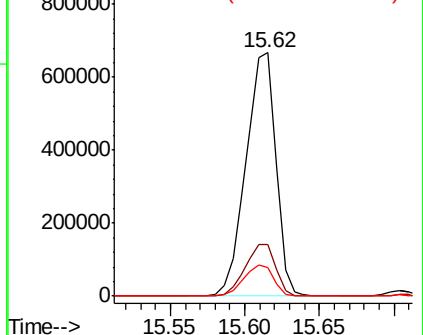


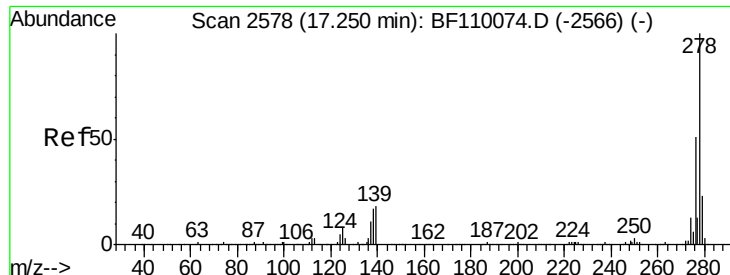
#90
Benzo(a)pyrene
Concen: 40.398 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Tgt Ion:252 Resp: 925385
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.4
125 11.7 9.0 13.6



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



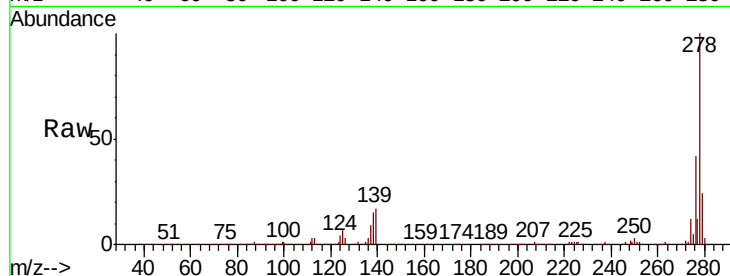


#91
Dibenzo(a,h)anthracene
Concen: 39.699 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.02 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

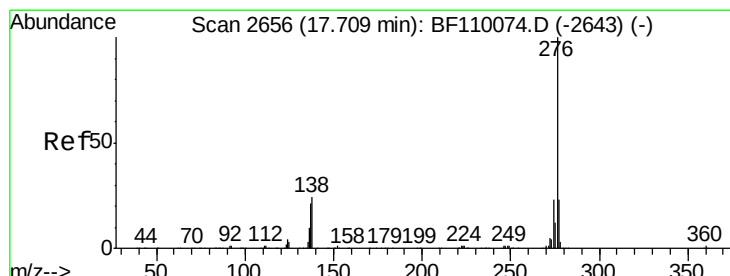
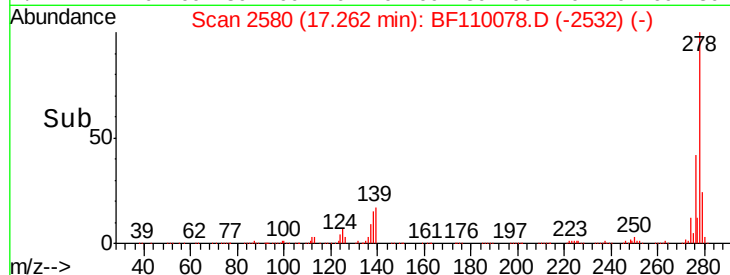
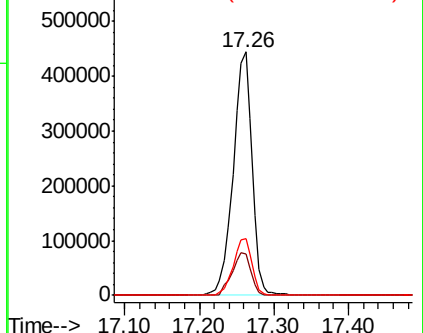
Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 784661

Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.7	19.1
279	23.5	19.0	28.4



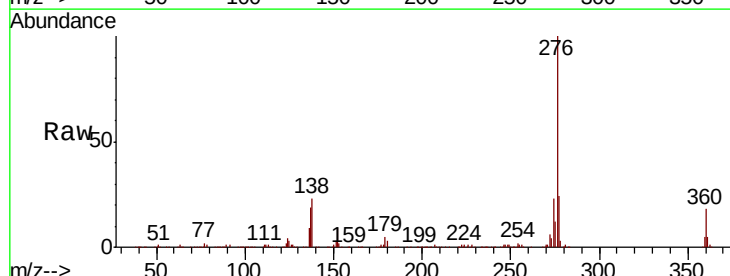
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.812 ng
RT: 17.72 min Scan# 2658
Delta R.T. -0.02 min
Lab File: BF110078.D
Acq: 23 Oct 2018 14:49

Tgt Ion:276 Resp: 755933

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	22.9	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

