

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110076.D
 Acq On : 23 Oct 2018 13:34
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 14:01:01 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 12:51:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	170784	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	721580	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	337537	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	633976	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	430822	20.00	ng	-0.01
87) Perylene-d12	15.67	264	347697	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1200669	111.44	ng	-0.01
7) Phenol-d6	6.59	99	1519365	113.57	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1413249	131.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	380015	130.04	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	2375023	112.28	ng	-0.01
79) Terphenyl-d14	13.09	244	2370154	115.53	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.82	88	324569	53.040	ng	92
3) Pyridine	3.59	79	755777	55.398	ng	88
4) n-Nitrosodimethylamine	3.57	42	314292	56.474	ng	95
6) Aniline	6.64	93	1026136	56.915	ng	# 54
8) 2-Chlorophenol	6.76	128	697852	57.824	ng	98
9) Benzaldehyde	6.52	77	394148	45.335	ng	96
10) Phenol	6.61	94	839671	58.131	ng	# 64
11) bis(2-Chloroethyl)ether	6.70	93	684723	56.695	ng	93
12) 1,3-Dichlorobenzene	6.91	146	760126	57.439	ng	98
13) 1,4-Dichlorobenzene	6.99	146	761967	57.172	ng	97
14) 1,2-Dichlorobenzene	7.14	146	699769	57.018	ng	98
15) Benzyl Alcohol	7.11	79	604190	58.701	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1085368	54.753	ng	68
17) 2-Methylphenol	7.21	107	560096	57.553	ng	# 81
18) Hexachloroethane	7.48	117	286016	60.727	ng	95
19) n-Nitroso-di-n-propylamine	7.39	70	486105	56.589	ng	95
20) 3+4-Methylphenols	7.37	107	696872	56.430	ng	98
22) Acetophenone	7.38	105	916600	54.775	ng	96
24) Nitrobenzene	7.56	77	724649	62.274	ng	95
25) Isophorone	7.79	82	1204095	57.209	ng	96
26) 2-Nitrophenol	7.87	139	369091	76.499	ng	92
27) 2,4-Dimethylphenol	7.90	122	571801	56.402	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	803183	55.604	ng	99
29) 2,4-Dichlorophenol	8.10	162	577515	58.723	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	634836	57.652	ng	95
31) Naphthalene	8.27	128	1853154	56.005	ng	99
32) Benzoic acid	8.04	122	484601	76.719	ng	94
33) 4-Chloroaniline	8.32	127	838463	56.370	ng	99
34) Hexachlorobutadiene	8.39	225	353672	58.245	ng	99
35) Caprolactam	8.72	113	179929	51.515	ng	88
36) 4-Chloro-3-methylphenol	8.80	107	618050	59.572	ng	93
37) 2-Methylnaphthalene	8.97	142	1225021	57.174	ng	98
38) 1-Methylnaphthalene	9.07	142	1171528	56.427	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	594261	57.160	ng	99

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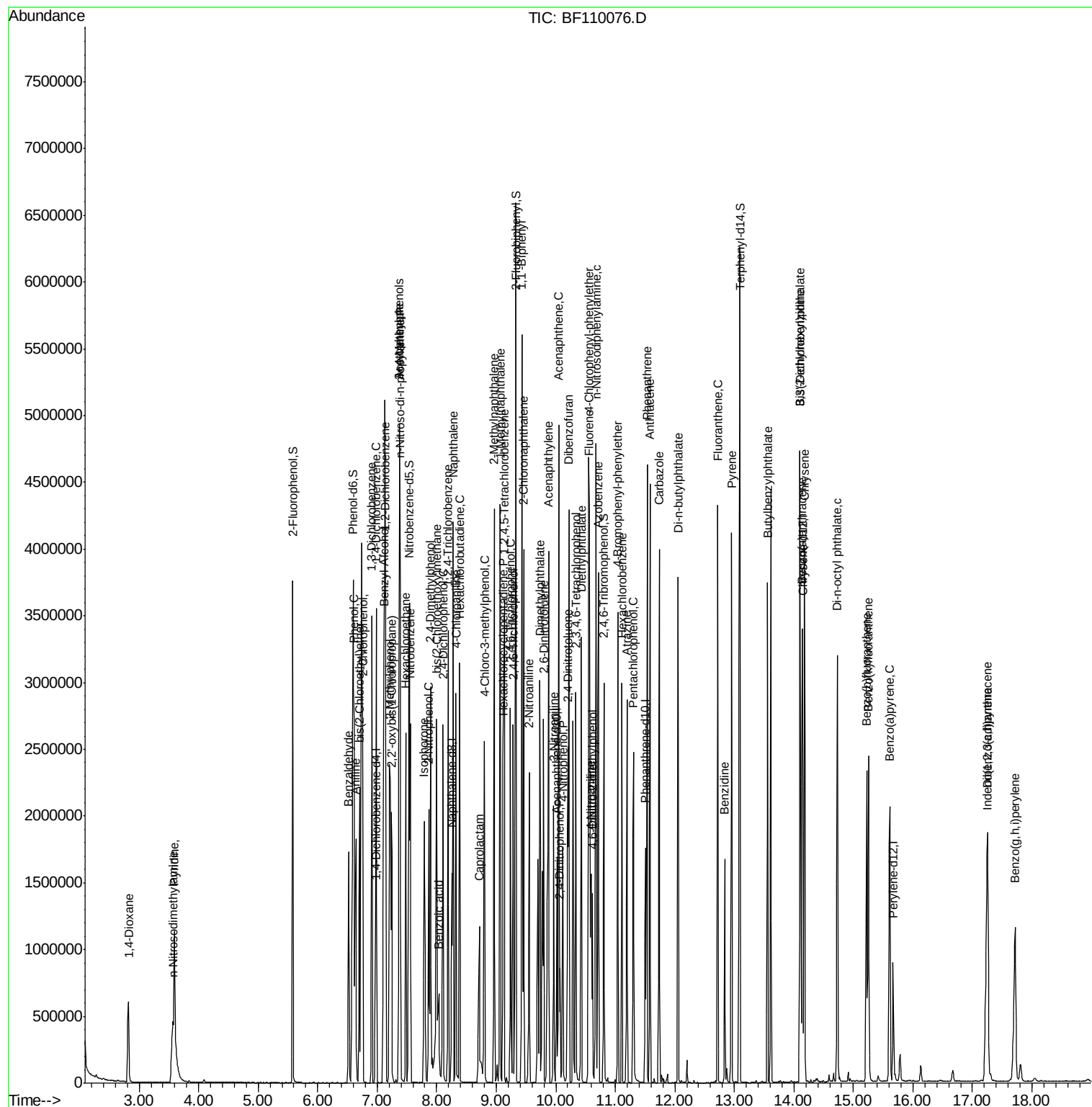
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	331918	66.146	nq	100
43) 2,4,6-Trichlorophenol	9.24	196	395562	60.848	nq	96
44) 2,4,5-Trichlorophenol	9.28	196	418064	61.962	nq	93
46) 1,1'-Biphenyl	9.43	154	1667997	55.465	nq	98
47) 2-Chloronaphthalene	9.46	162	1256984	56.744	nq	99
48) 2-Nitroaniline	9.56	65	405375	71.308	nq	94
49) Acenaphthylene	9.88	152	1793668	55.737	nq	97
50) Dimethylphthalate	9.73	163	1413732	59.150	nq	99
51) 2,6-Dinitrotoluene	9.80	165	319693	70.424	nq	93
52) Acenaphthene	10.05	154	1203504	58.742	nq	99
53) 3-Nitroaniline	9.97	138	373387	67.617	nq	87
54) 2,4-Dinitrophenol	10.07	184	124275	107.010	nq	# 82
55) Dibenzofuran	10.22	168	1641103	56.166	nq	100
56) 4-Nitrophenol	10.12	139	292051	69.313	nq	94
57) 2,4-Dinitrotoluene	10.20	165	417905	78.336	nq	# 87
58) Fluorene	10.56	166	1222078	57.456	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	342424	64.038	nq	94
60) Diethylphthalate	10.43	149	1368661	57.979	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	640267	57.788	nq	98
62) 4-Nitroaniline	10.59	138	370281	70.837	nq	92
63) Azobenzene	10.72	77	1342311	54.430	nq	95
65) 4,6-Dinitro-2-methylphenol	10.62	198	186980	92.023	nq	99
66) n-Nitrosodiphenylamine	10.67	169	1164282	55.139	nq	95
67) 4-Bromophenyl-phenylether	11.05	248	392514	57.129	nq	93
68) Hexachlorobenzene	11.12	284	412761	56.337	nq	100
69) Atrazine	11.20	200	358178	54.305	nq	99
70) Pentachlorophenol	11.30	266	271269	65.058	nq	97
71) Phenanthrene	11.53	178	1795254	54.698	nq	99
72) Anthracene	11.59	178	1797048	54.460	nq	100
73) Carbazole	11.74	167	1778013	54.827	nq	98
74) Di-n-butylphthalate	12.06	149	2026166	55.984	nq	100
75) Fluoranthene	12.72	202	1834673	55.956	nq	98
77) Benzidine	12.84	184	599371	36.285	nq	98
78) Pyrene	12.96	202	1848573	58.420	nq	99
80) Butylbenzylphthalate	13.56	149	831367	64.988	nq	98
81) Benzo(a)anthracene	14.14	228	1473981	58.084	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	467473	52.546	nq	99
83) Chrysene	14.18	228	1375467	56.944	nq	100
84) Bis(2-ethylhexyl)phthalate	14.11	149	1063346	63.170	nq	96
85) Di-n-octyl phthalate	14.73	149	1634596	68.877	nq	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	1178913	60.618	nq	# 95
88) Benzo(b)fluoranthene	15.22	252	1155386	57.638	nq	99
89) Benzo(k)fluoranthene	15.26	252	1161959	58.810	nq	99
90) Benzo(a)pyrene	15.61	252	1082580	58.720	nq	98
91) Dibenzo(a,h)anthracene	17.26	278	968502	59.277	nq	98
92) Benzo(g,h,i)perylene	17.72	276	977746	59.229	nq	# 95

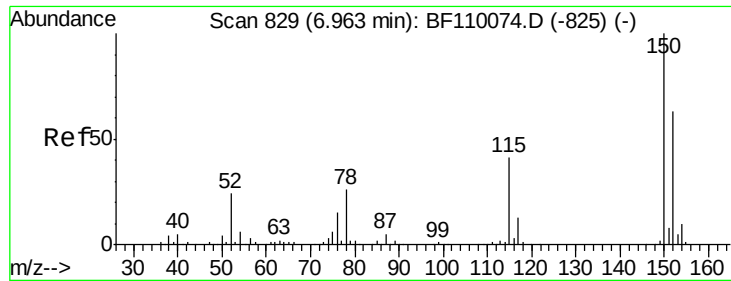
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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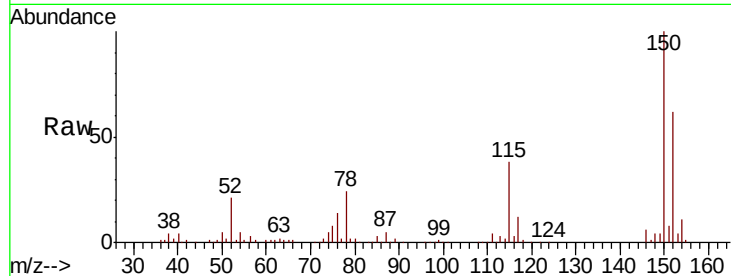


#1

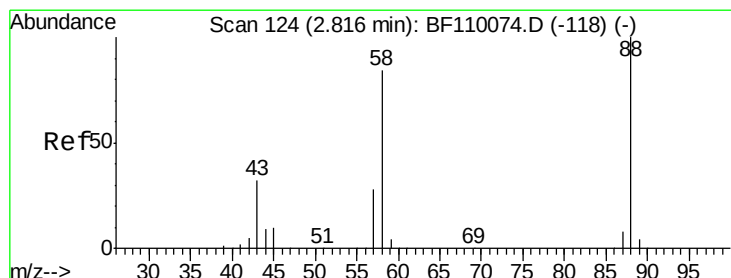
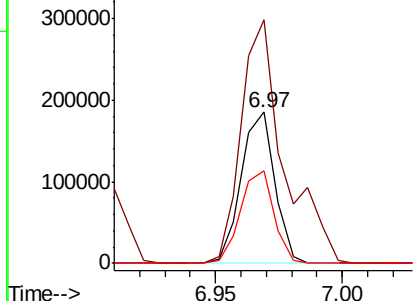
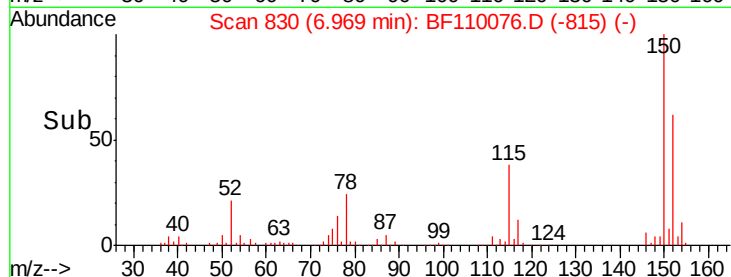
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 170784
Ion Ratio Lower Upper
152 100
150 161.0 122.7 184.1
115 61.1 49.1 73.7



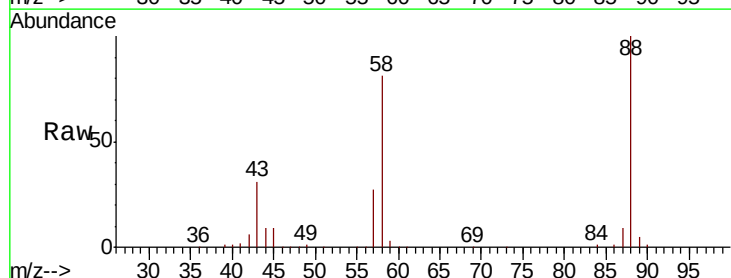
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



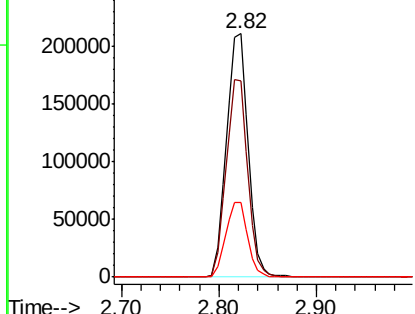
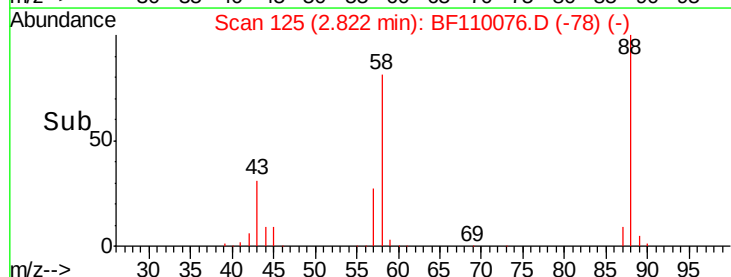
#2

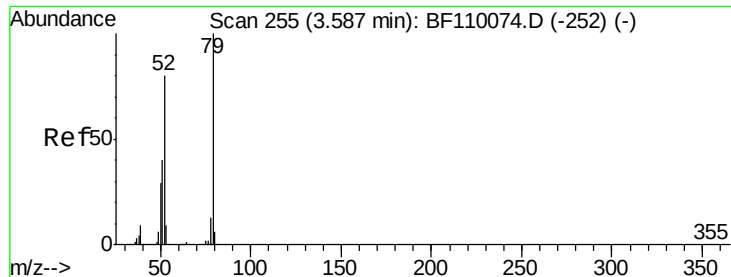
1,4-Dioxane
Concen: 53.040 ng
RT: 2.82 min Scan# 125
Delta R.T. -0.02 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion: 88 Resp: 324569
Ion Ratio Lower Upper
88 100
58 80.2 57.1 85.7
43 30.9 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: 55.398 ng

RT: 3.59 min Scan# 256

Delta R.T. -0.02 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

Instrument :

BNA_F

ClientSampled :

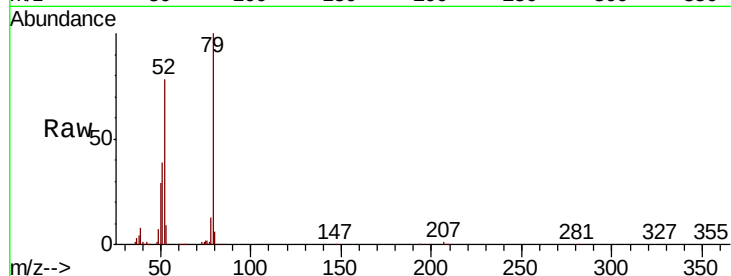
Tot Ion: 79 Resp: 755777

Ion Ratio Lower Upper

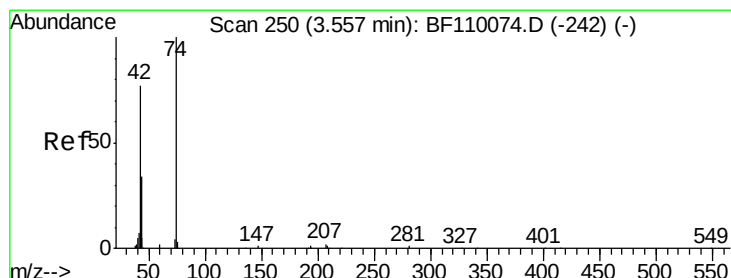
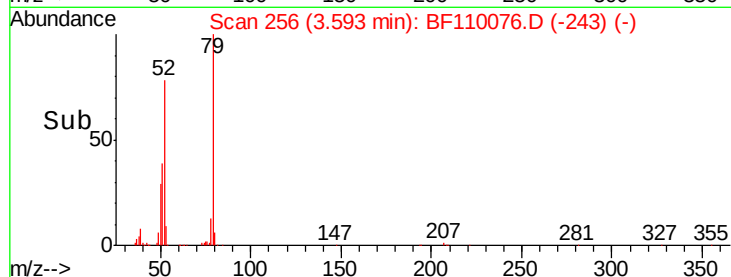
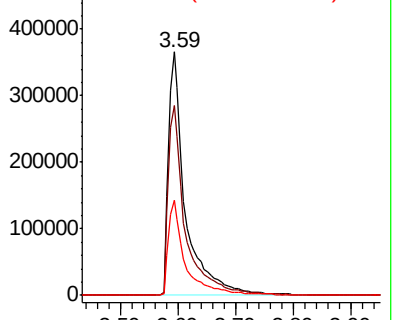
79 100

52 77.9 53.1 79.7

51 39.2 27.4 41.2



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



#4

n-Nitrosodimethylamine

Concen: 56.474 ng

RT: 3.57 min Scan# 252

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

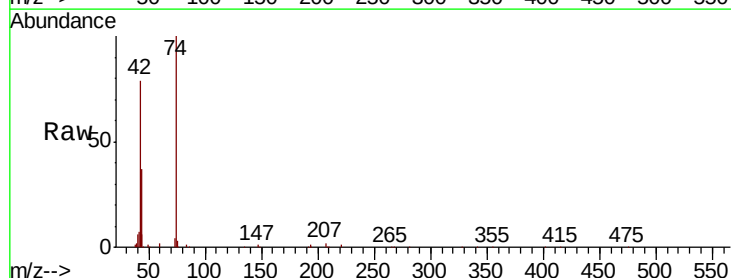
Tgt Ion: 42 Resp: 314292

Ion Ratio Lower Upper

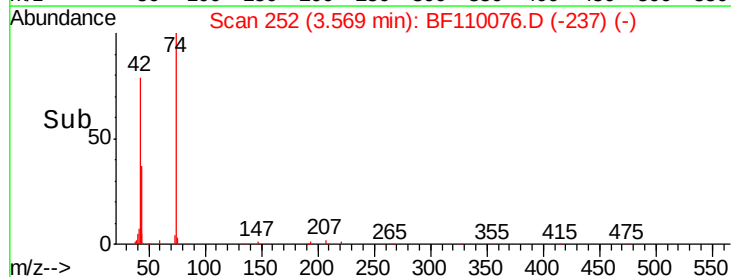
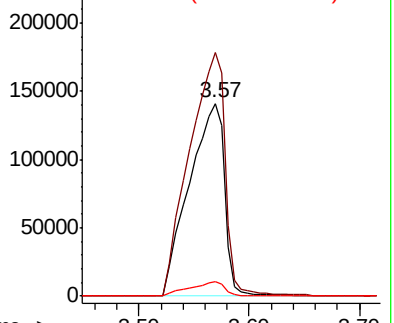
42 100

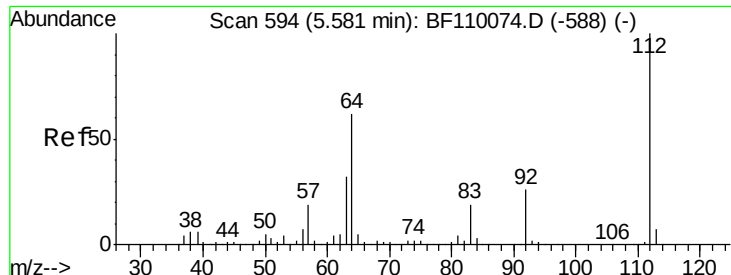
74 126.4 105.5 158.3

44 7.2 4.9 7.3



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





#5

2-Fluorophenol

Concen: 111.440 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

Instrument :

BNA_F

ClientSampled :

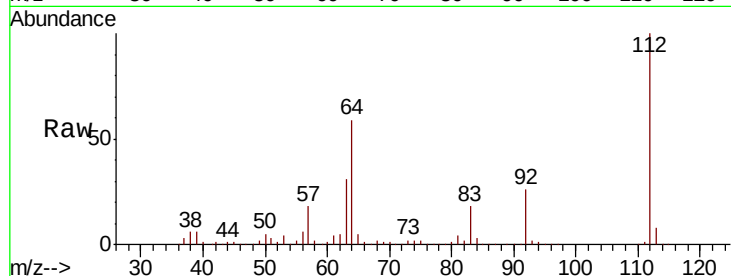
Tot Ion:112 Resp: 1200669

Ion Ratio Lower Upper

112 100

64 59.1 44.1 66.1

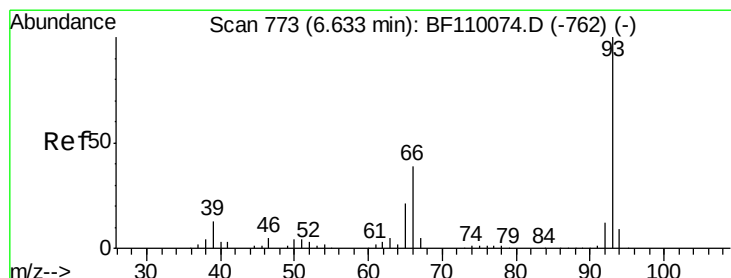
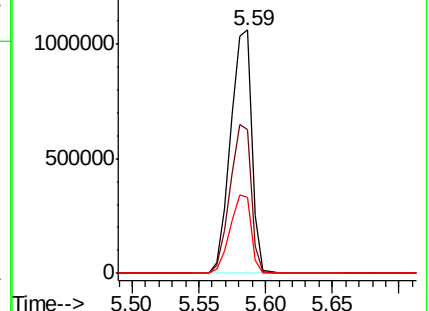
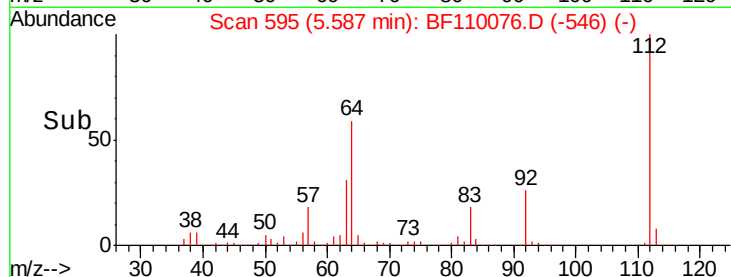
63 31.2 23.7 35.5



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: 56.915 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

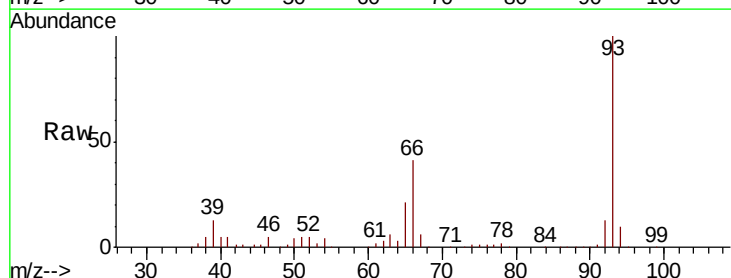
Tgt Ion: 93 Resp: 1026136

Ion Ratio Lower Upper

93 100

66 40.8 67.4 101.0#

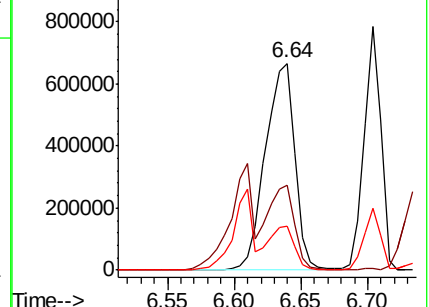
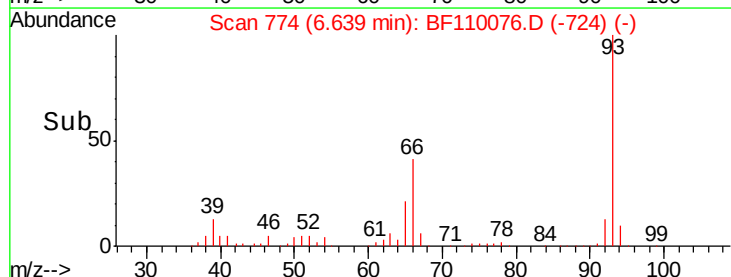
65 21.0 41.0 61.4#

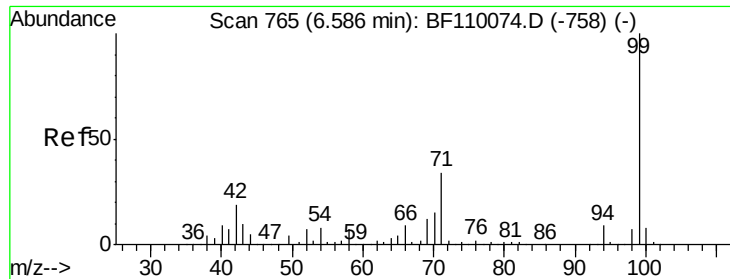


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.567 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

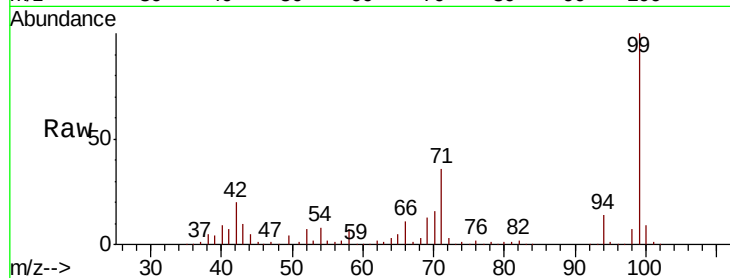
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1519365

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.8	23.6
71	35.6	28.0	42.0

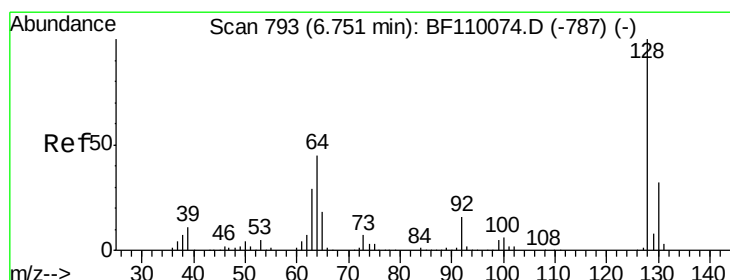
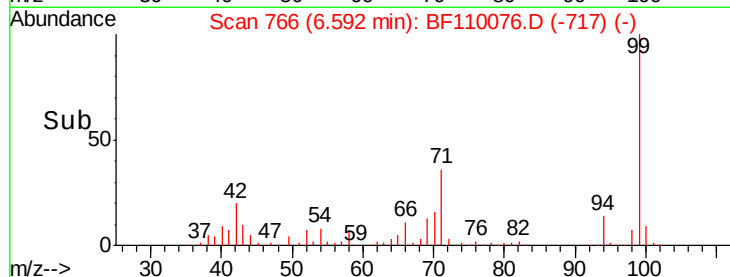
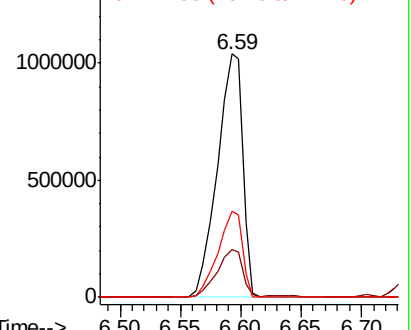


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 57.824 ng

RT: 6.76 min Scan# 794

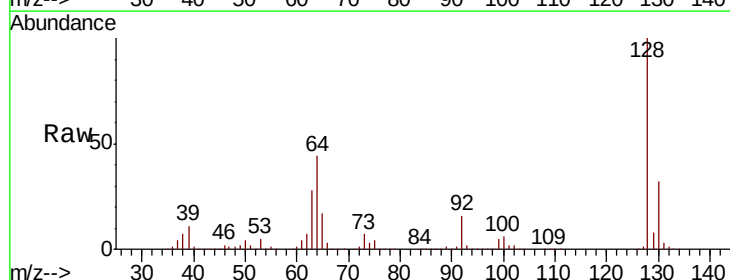
Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

Tgt Ion: 128 Resp: 697852

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.1	53.1
64	44.4	26.0	66.0

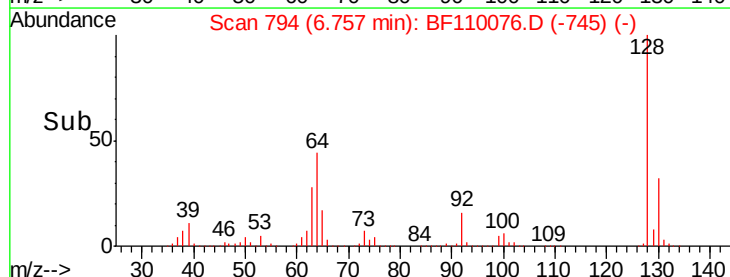
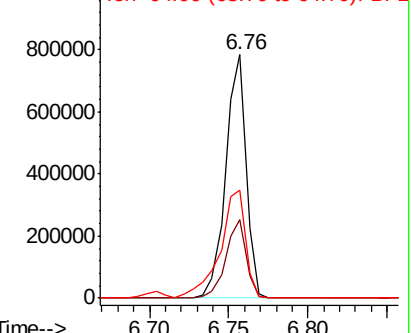


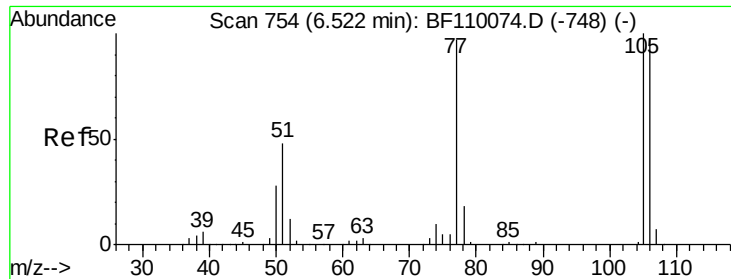
Abundance

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: 45.335 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

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Acq: 23 Oct 2018 13:34

Instrument :

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ClientSampled :

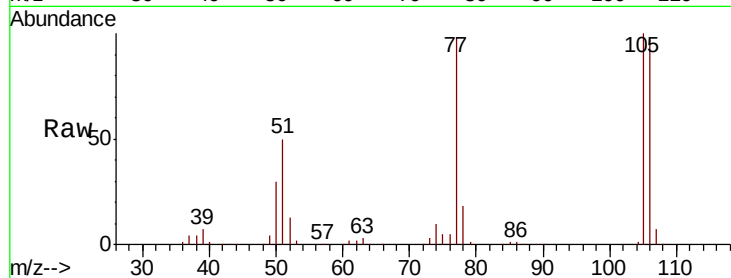
Tot Ion: 77 Resp: 394148

Ion Ratio Lower Upper

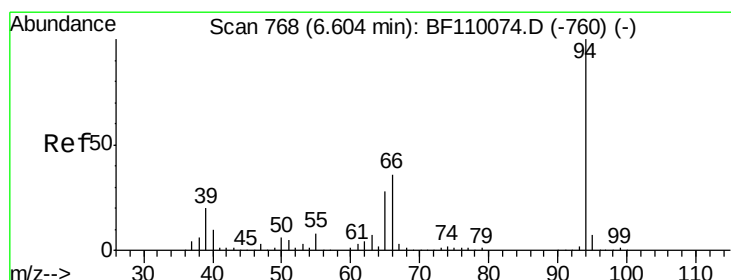
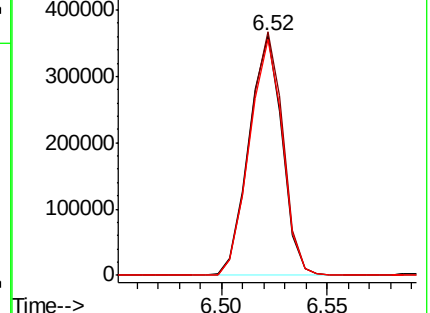
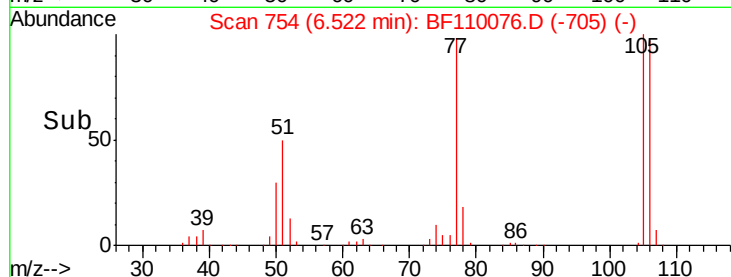
77 100

105 101.8 78.6 118.6

106 98.6 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 58.131 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

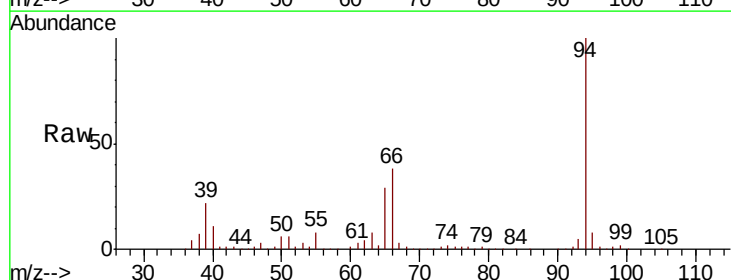
Tgt Ion: 94 Resp: 839671

Ion Ratio Lower Upper

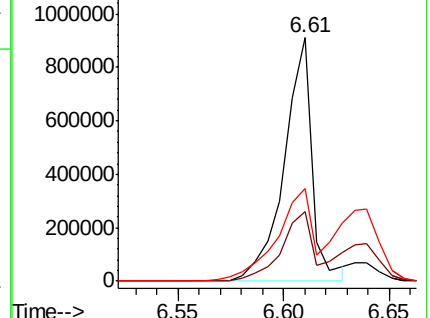
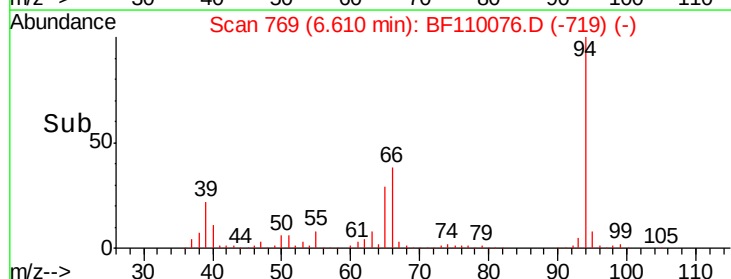
94 100

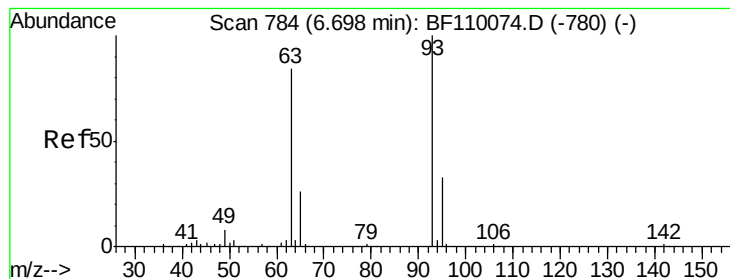
65 28.7 25.3 65.3

66 37.9 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 56.695 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

Instrument :

BNA_F

ClientSampled :

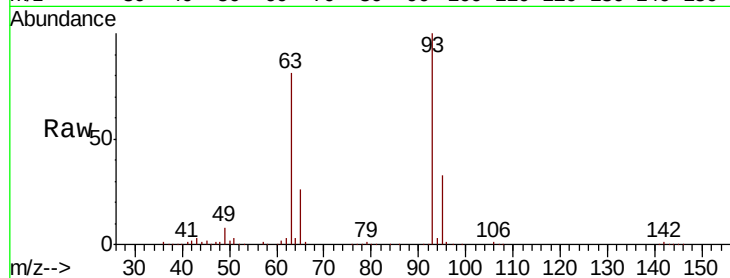
Tot Ion: 93 Resp: 684723

Ion Ratio Lower Upper

93 100

63 81.0 53.4 93.4

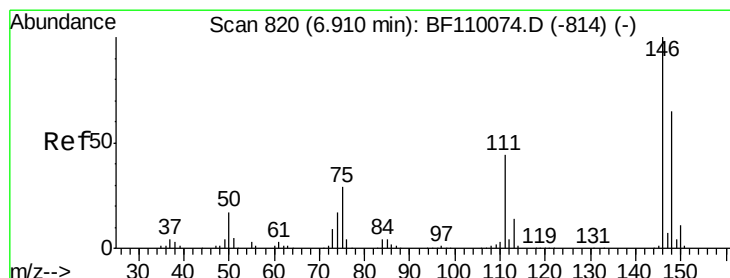
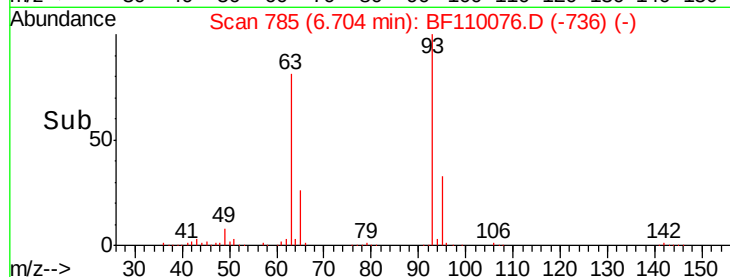
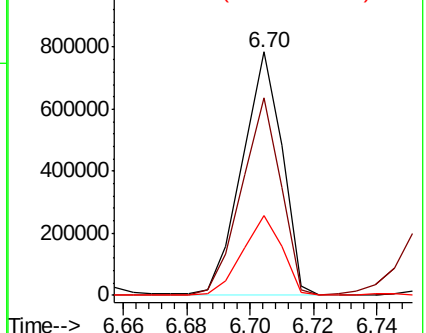
95 32.7 12.1 52.1



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: 57.439 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

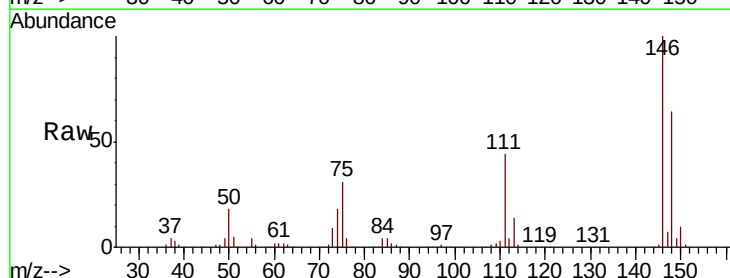
Tgt Ion: 146 Resp: 760126

Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

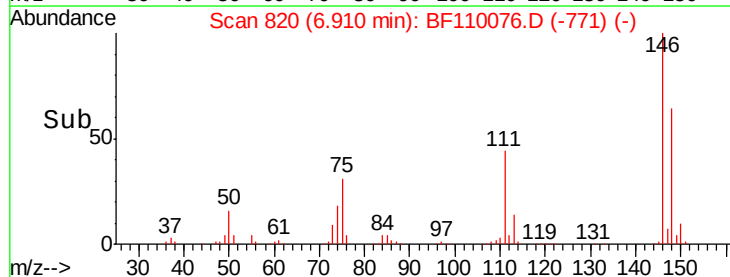
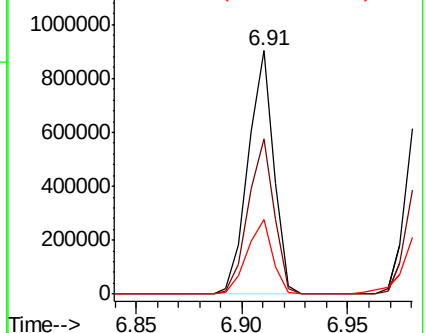
75 30.9 25.8 38.6

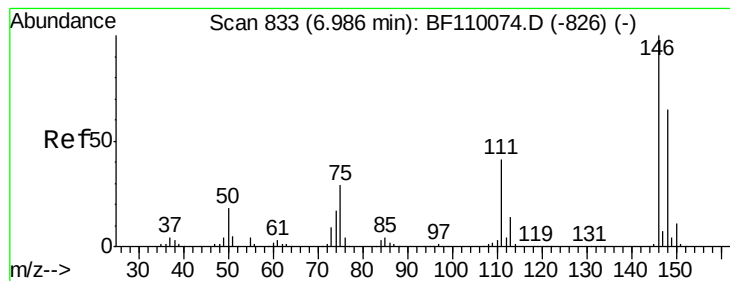


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

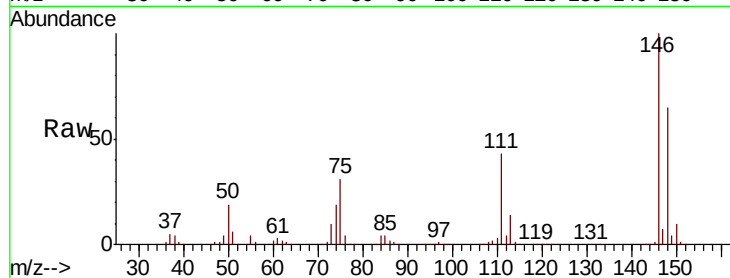




#13
 1,4-Dichlorobenzene
 Concen: 57.172 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110076.D
 Acq: 23 Oct 2018 13:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.3	75.5
111	43.1	32.7	49.1

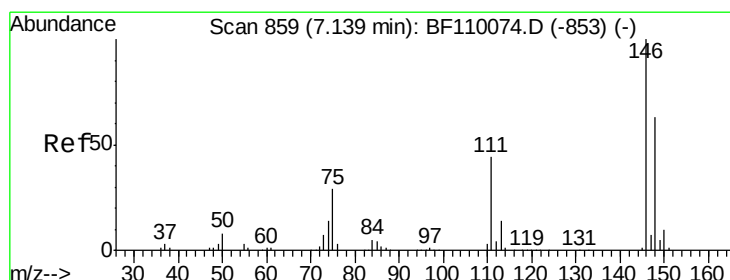
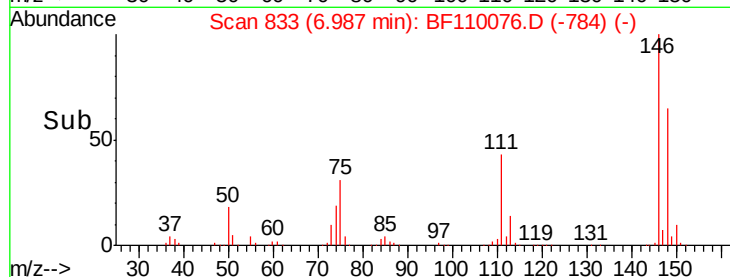
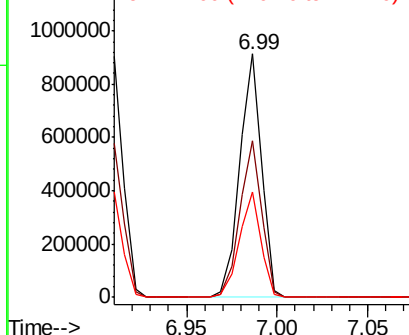


Abundance

Ion 146.00 (145.70 to 146.70): E

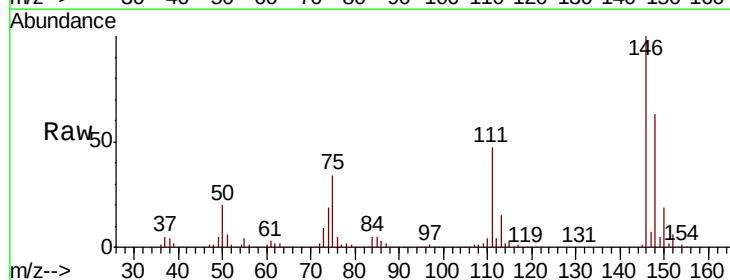
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 57.018 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110076.D
 Acq: 23 Oct 2018 13:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	46.6	35.8	53.6

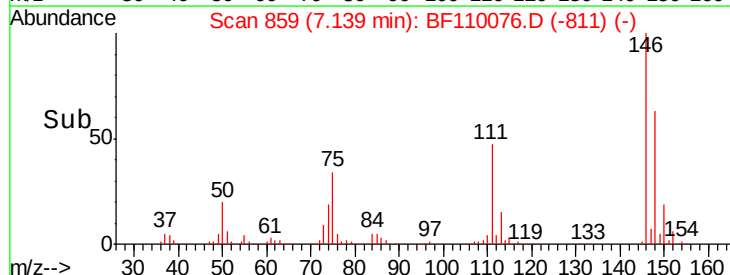
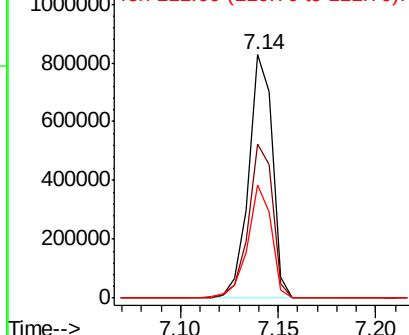


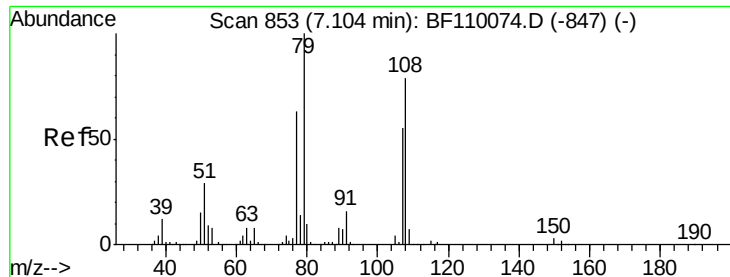
Abundance

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: 58.701 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

Instrument :

BNA_F

ClientSampleId :

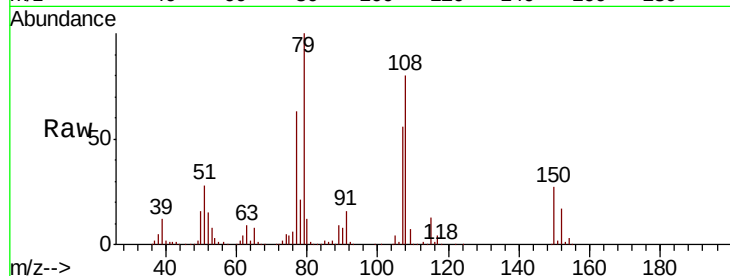
Tot Ion: 79 Resp: 604190

Ion Ratio Lower Upper

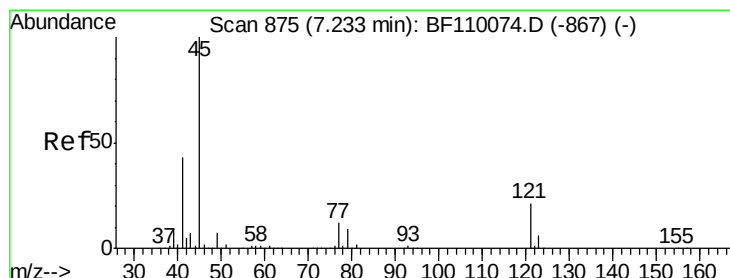
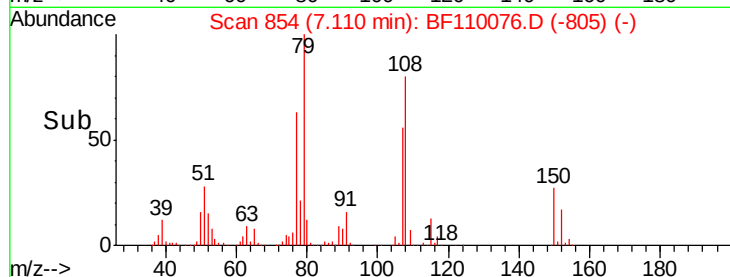
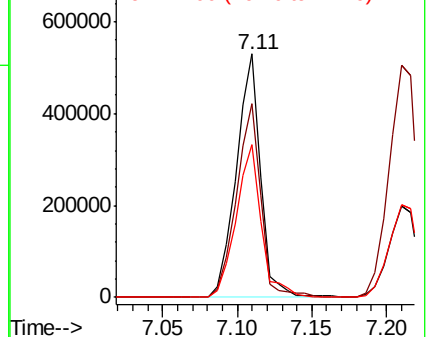
79 100

108 79.6 56.3 84.5

77 62.7 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: 54.753 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

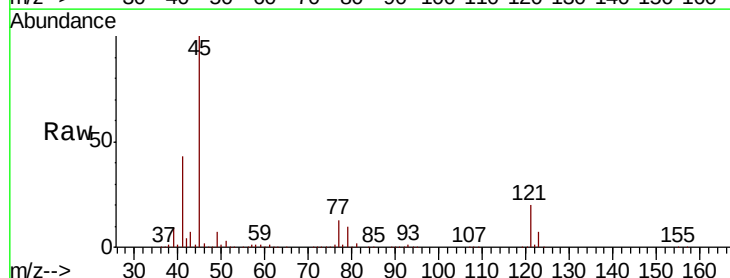
Tgt Ion: 45 Resp: 1085368

Ion Ratio Lower Upper

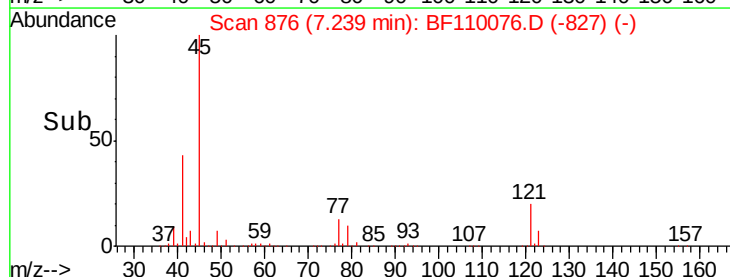
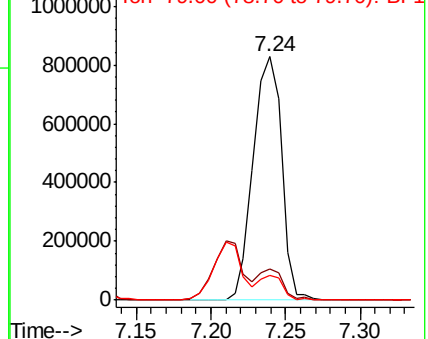
45 100

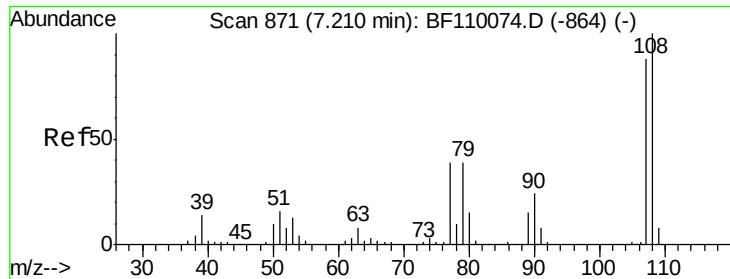
77 12.9 10.0 50.0

79 9.9 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

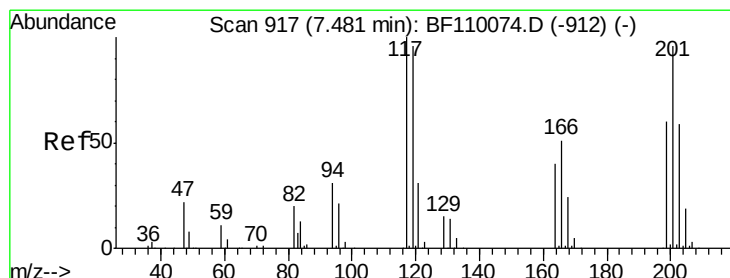
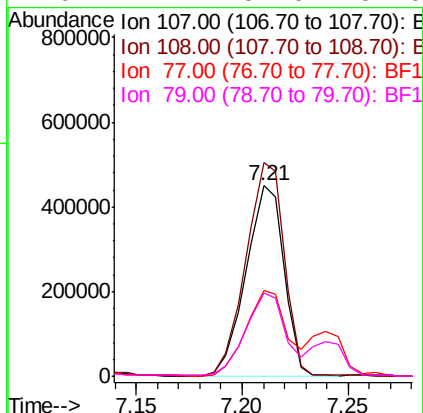
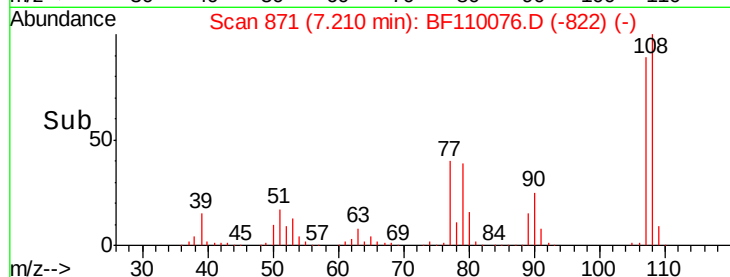
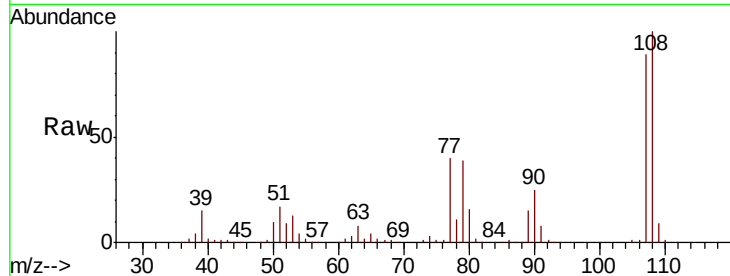




#17
2-Methylphenol
Concen: 57.553 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

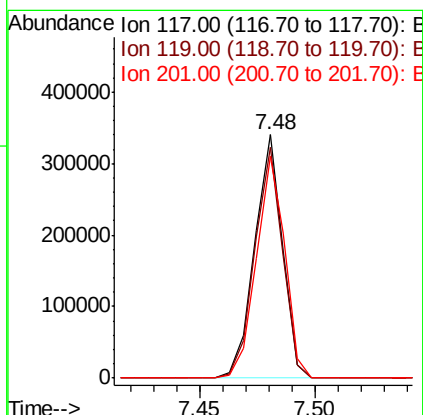
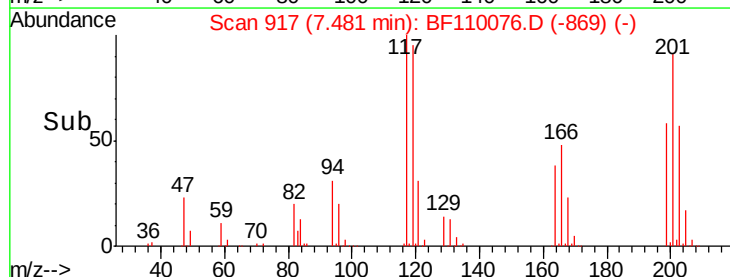
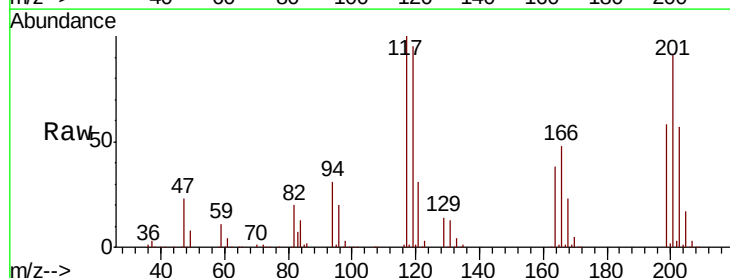
Instrument :
BNA_F
ClientSampleId :

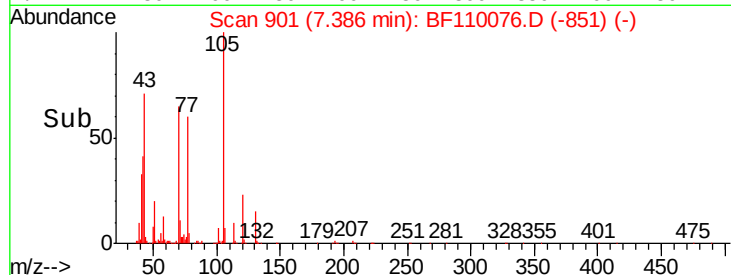
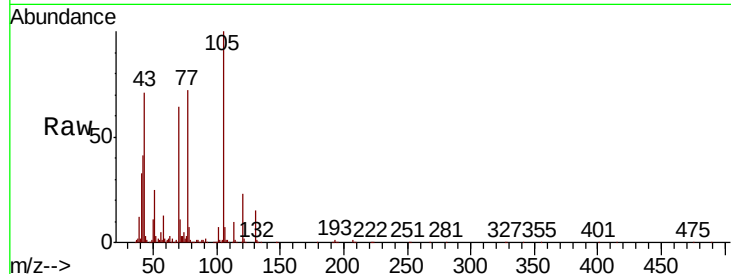
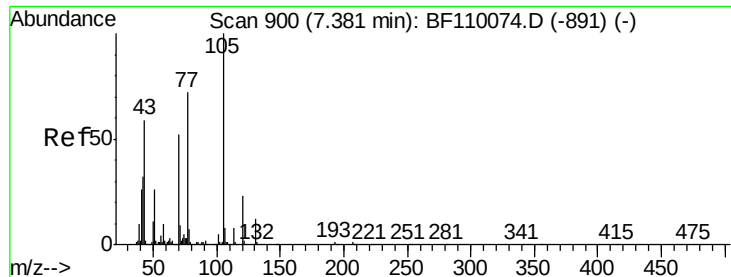
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	92.6	138.8
77	44.9	59.4	89.2
79	44.1	54.0	81.0



#18
Hexachloroethane
Concen: 60.727 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.0	112.6
201	91.1	79.2	118.8

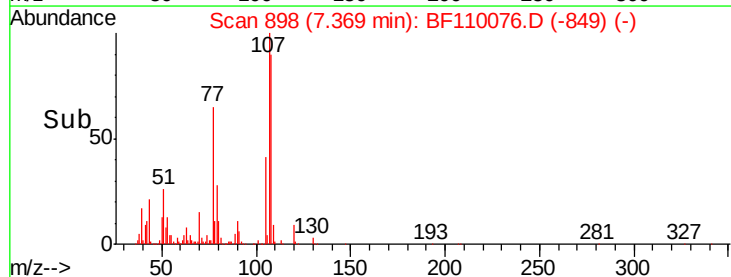
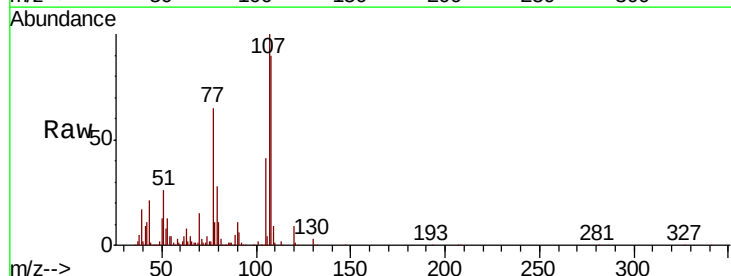
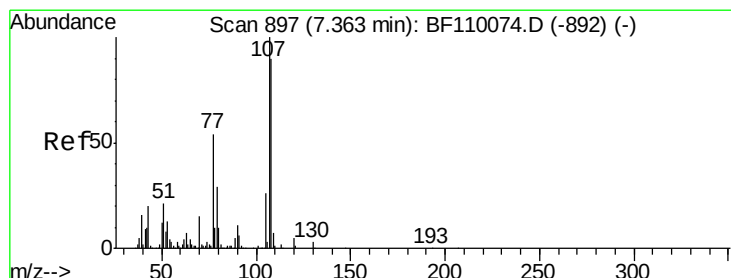
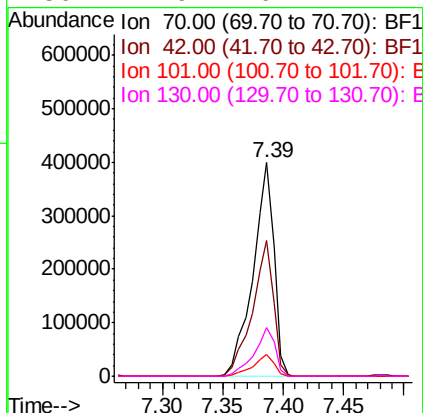




#19
n-Nitroso-di-n-propylamine
Concen: 56.589 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

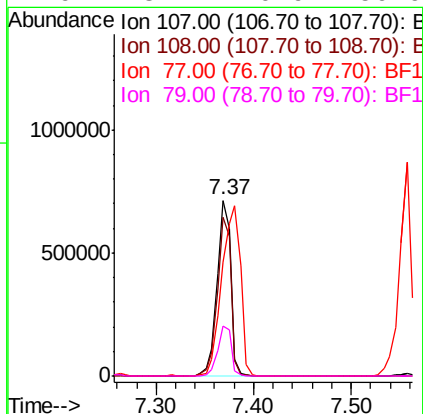
Instrument :
BNA_F
ClientSampleId :

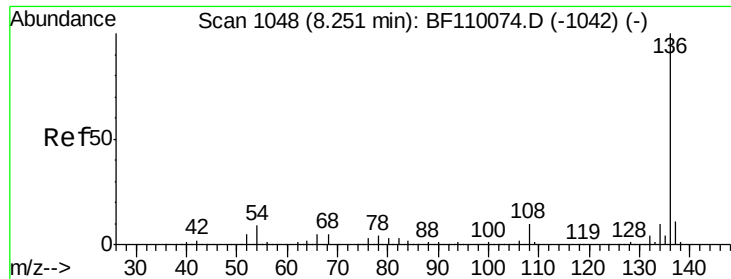
Tot Ion:	70	Resp:	486105
Ion	Ratio	Lower	Upper
70	100		
42	63.5	47.4	71.2
101	10.4	7.3	10.9
130	22.9	16.2	24.2



#20
3+4-Methylphenols
Concen: 56.430 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion:	107	Resp:	696872
Ion	Ratio	Lower	Upper
107	100		
108	90.5	71.4	111.4
77	64.8	47.3	87.3
79	28.4	10.9	50.9

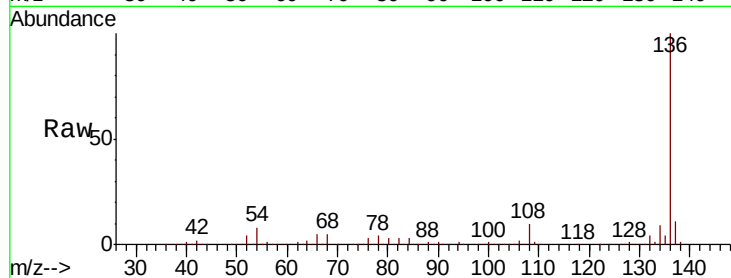




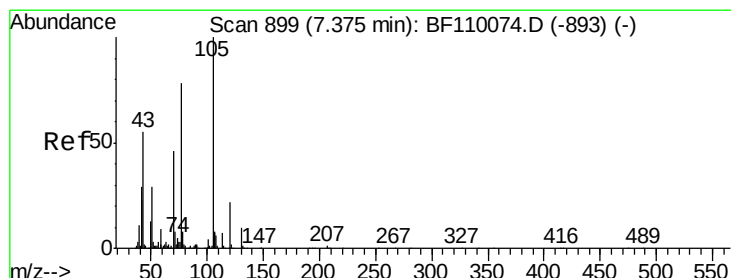
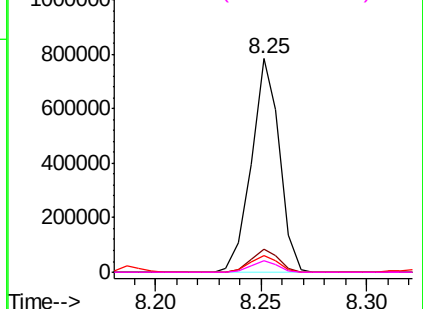
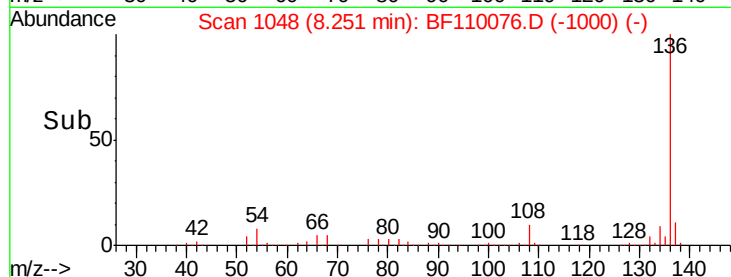
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	721580
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.8	13.2
54 8.1	5.4	8.2
68 5.4	4.2	6.2

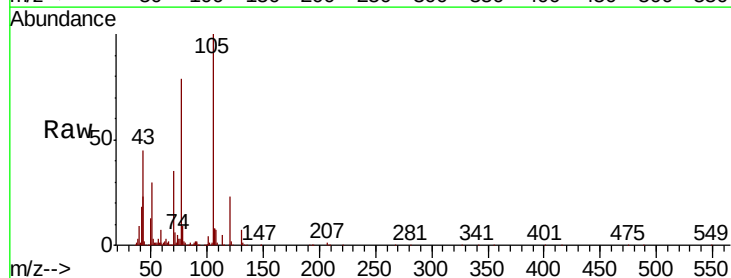


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

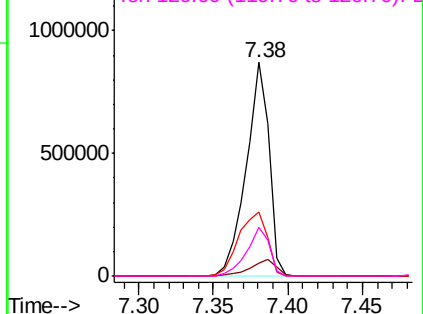
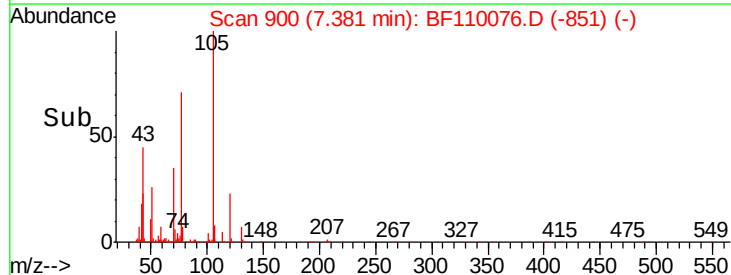


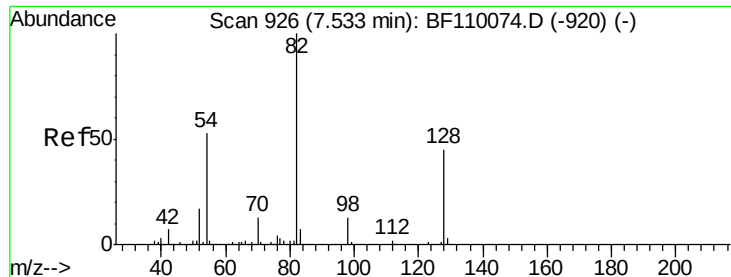
#22
Acetophenone
Concen: 54.775 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion:105	Resp:	916600
Ion Ratio	Lower	Upper
105 100		
71 5.8	5.2	7.8
51 29.7	21.8	32.8
120 22.6	17.0	25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E



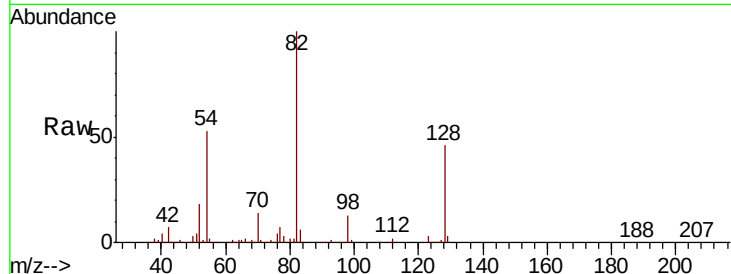


#23
 Nitrobenzene-d5
 Concen: 131.935 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110076.D
 Acq: 23 Oct 2018 13:34

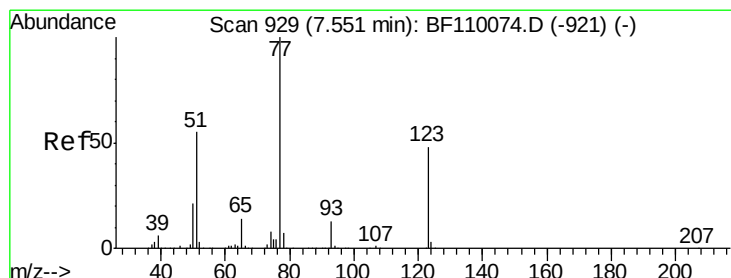
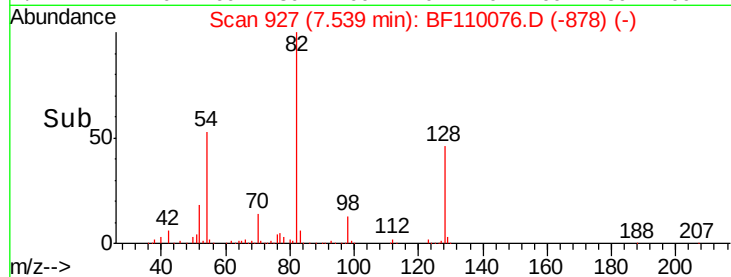
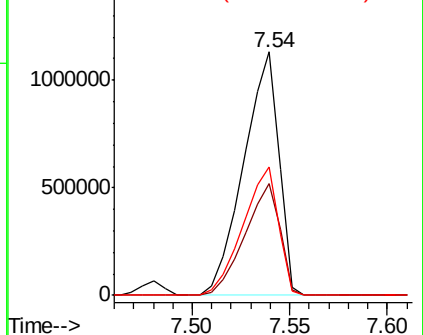
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1413249

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.2	51.2
54	52.6	38.6	58.0



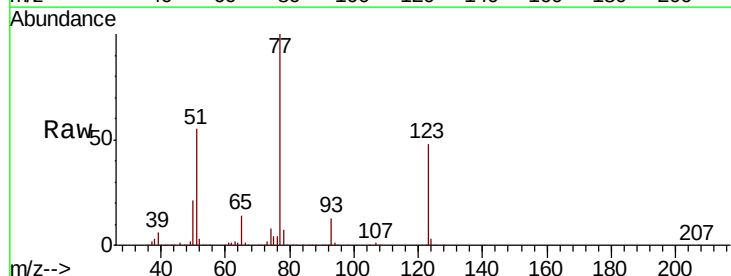
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



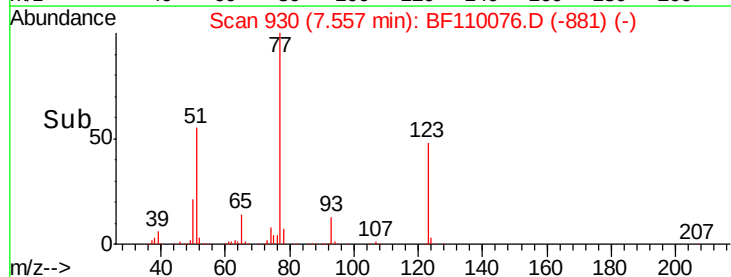
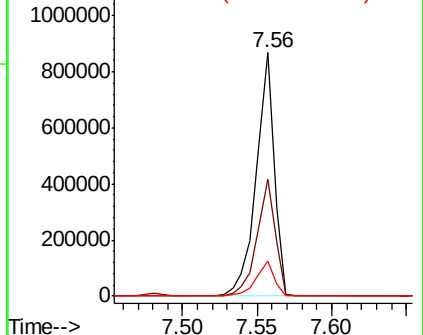
#24
 Nitrobenzene
 Concen: 62.274 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF110076.D
 Acq: 23 Oct 2018 13:34

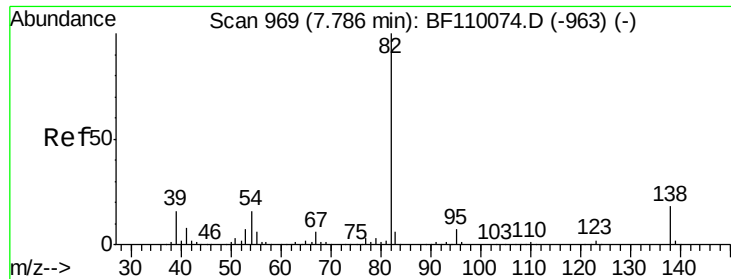
Tgt Ion: 77 Resp: 724649

Ion	Ratio	Lower	Upper
77	100		
123	48.0	35.7	53.5
65	14.4	10.7	16.1



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

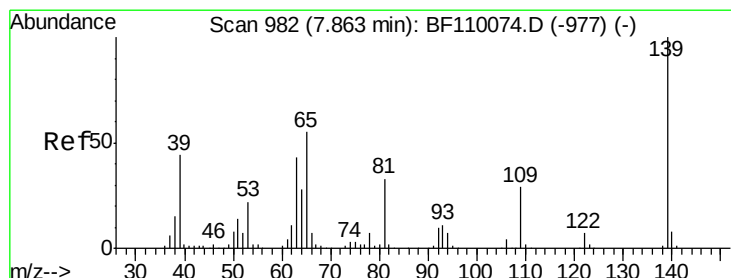
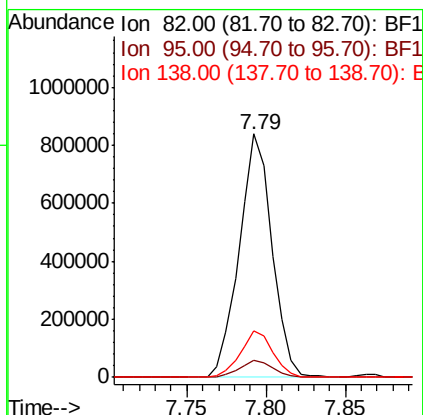
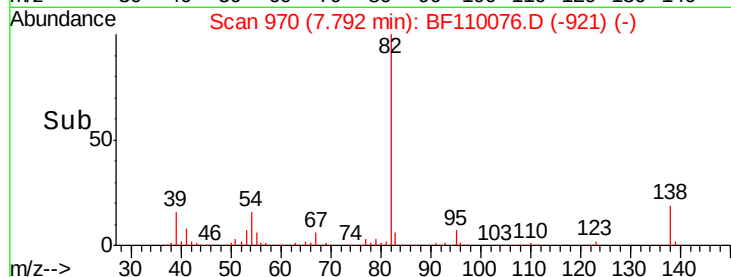
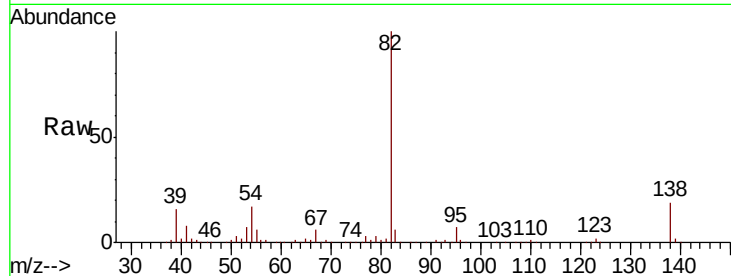




#25
Isophorone
Concen: 57.209 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

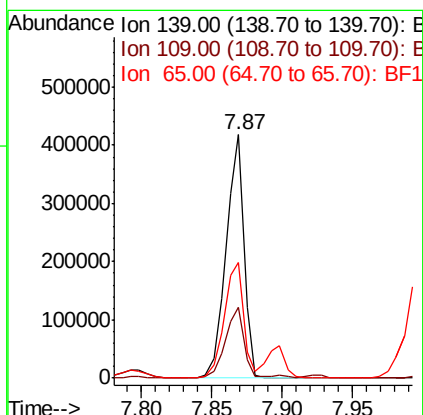
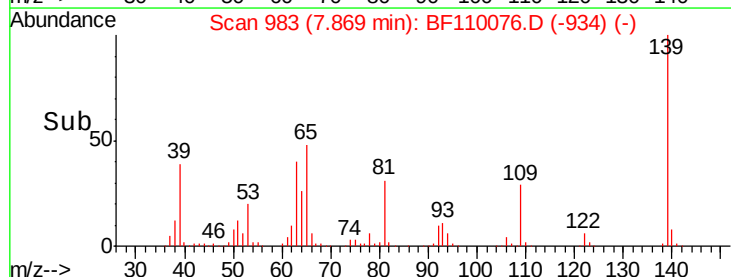
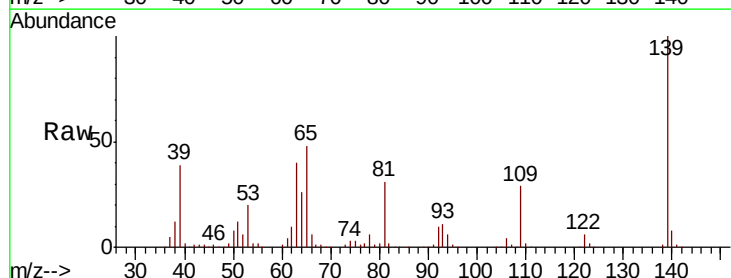
Instrument :
BNA_F
ClientSampled :

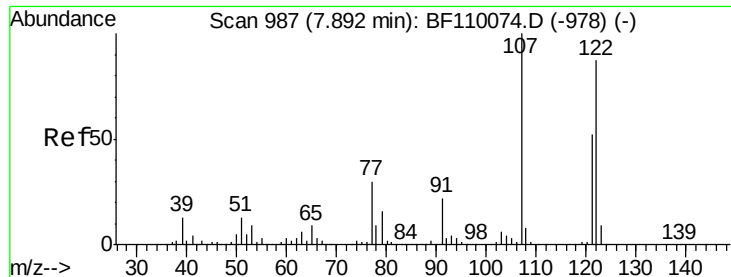
Tot Ion: 82 Resp: 1204095
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 18.9 13.2 19.8



#26
2-Nitrophenol
Concen: 76.499 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion: 139 Resp: 369091
Ion Ratio Lower Upper
139 100
109 29.0 25.0 37.6
65 47.7 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 56.402 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

Instrument :

BNA_F

ClientSampleId :

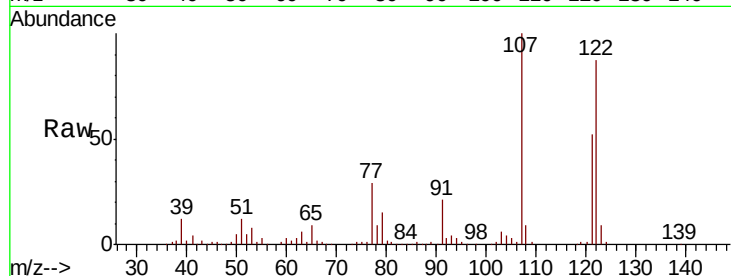
Tot Ion:122 Resp: 571801

Ion Ratio Lower Upper

122 100

107 114.7 92.5 138.7

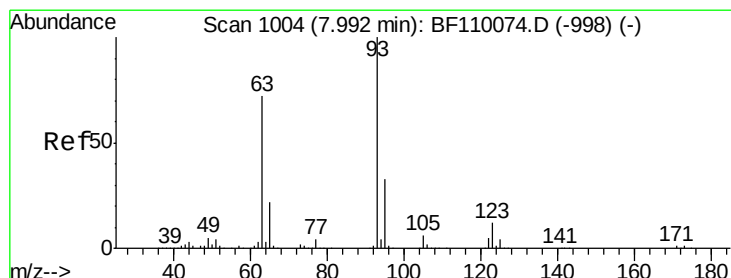
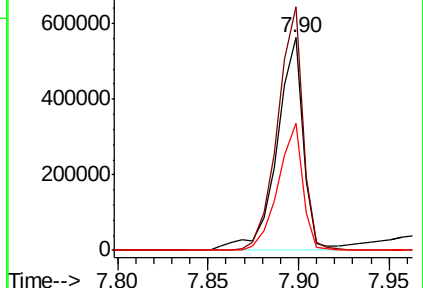
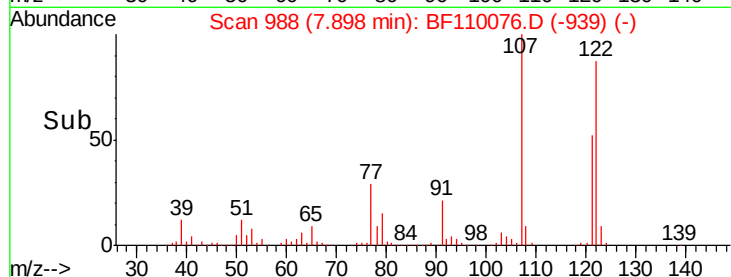
121 59.7 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 55.604 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

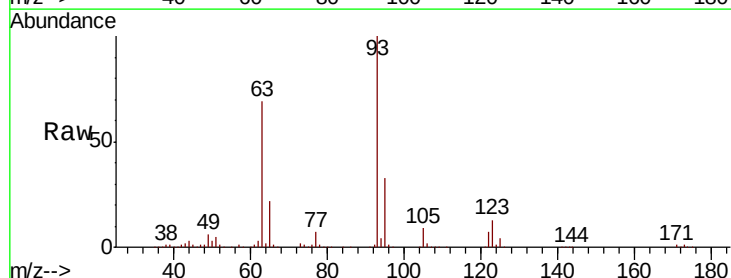
Tgt Ion: 93 Resp: 803183

Ion Ratio Lower Upper

93 100

95 33.4 26.4 39.6

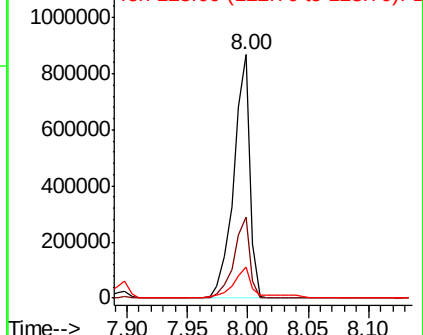
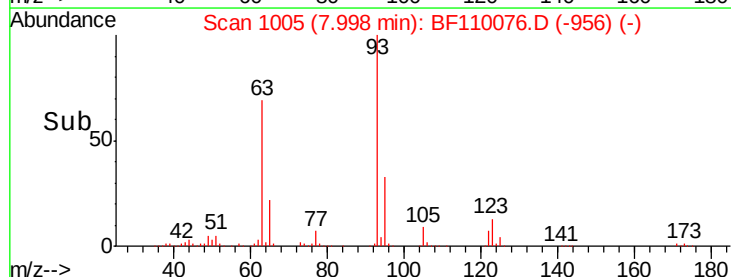
123 12.7 9.0 13.6

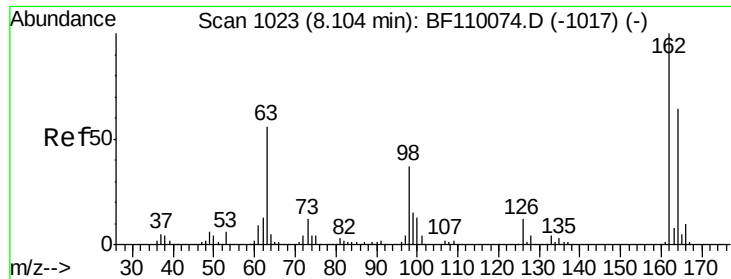


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

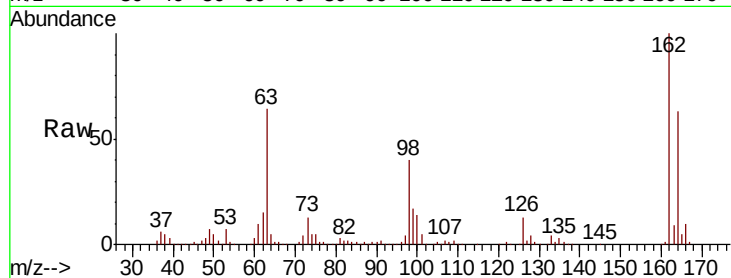




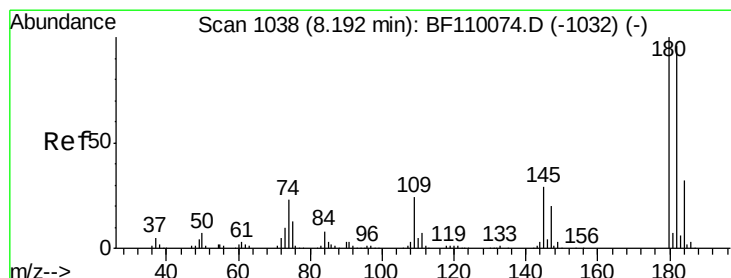
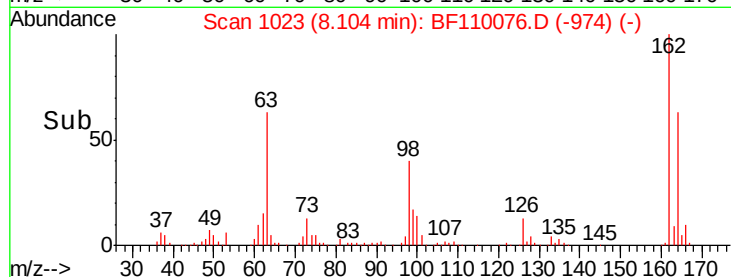
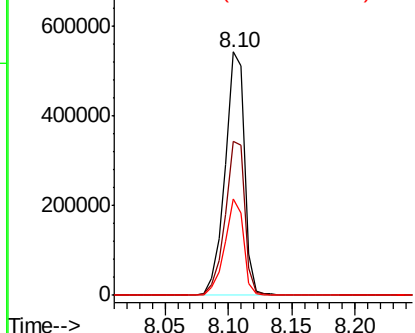
#29
 2,4-Dichlorophenol
 Concen: 58.723 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF110076.D
 Acq: 23 Oct 2018 13:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	39.6	17.4	57.4

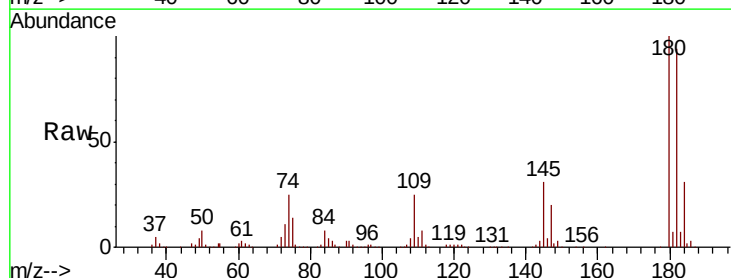


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

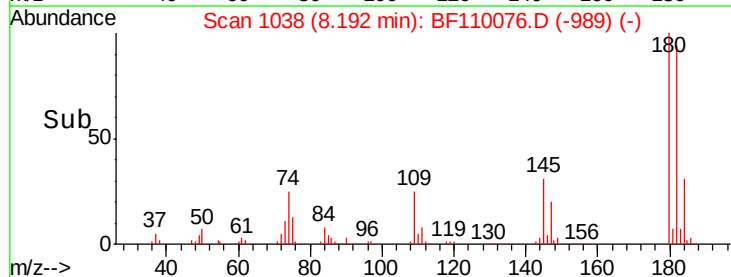
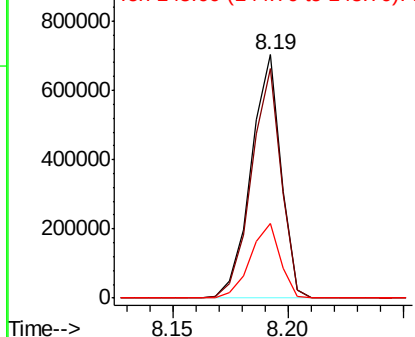


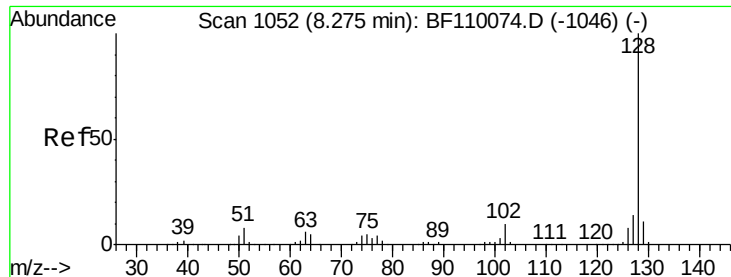
#30
 1,2,4-Trichlorobenzene
 Concen: 57.652 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF110076.D
 Acq: 23 Oct 2018 13:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	80.3	120.5
145	30.7	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

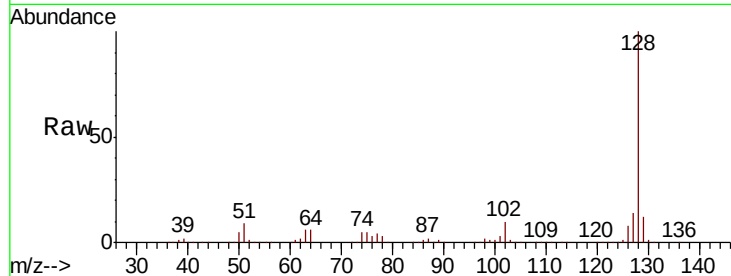




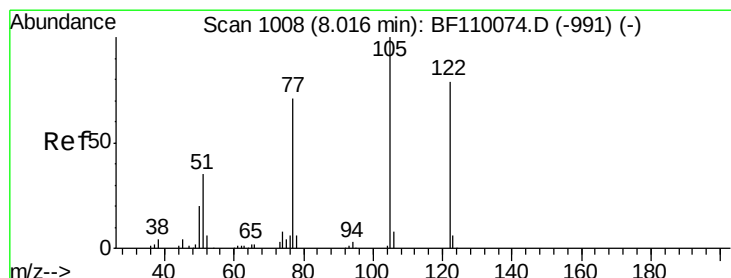
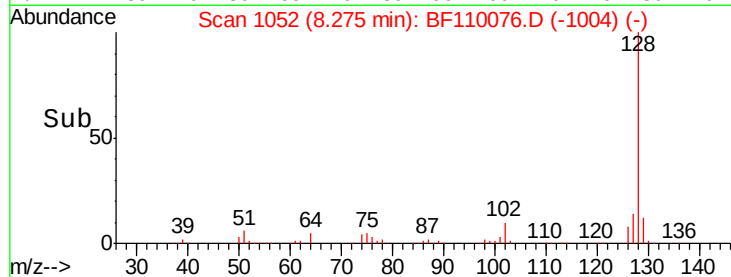
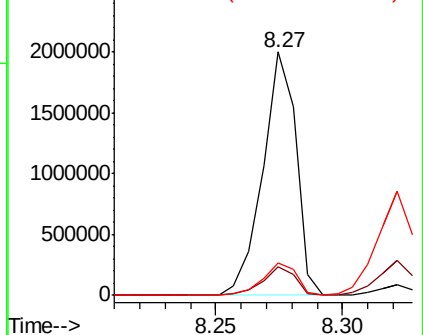
#31
Naphthalene
Concen: 56.005 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1853154
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.5 10.8 16.2

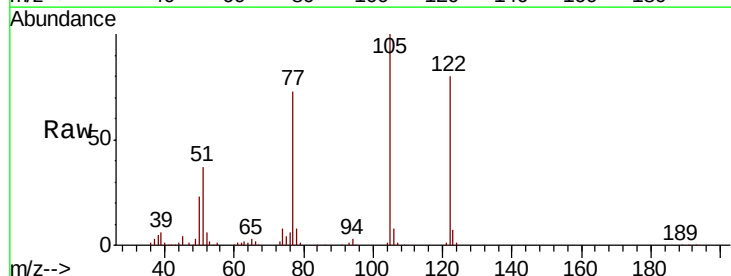


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

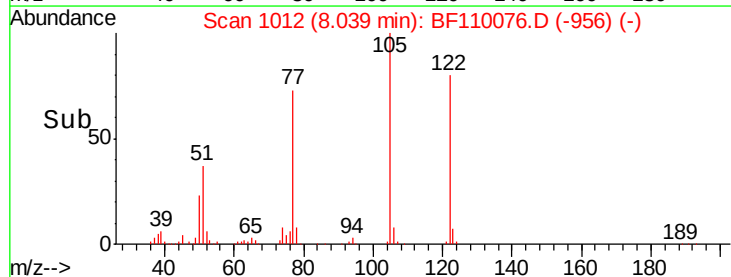
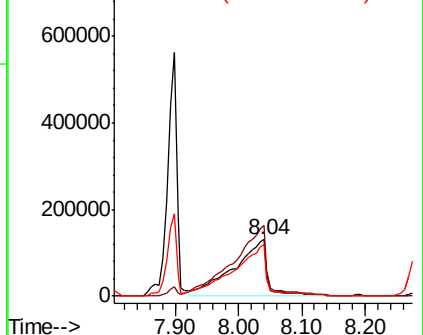


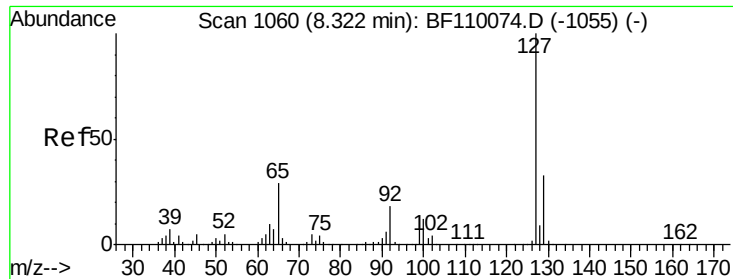
#32
Benzoic acid
Concen: 76.719 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.03 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion:122 Resp: 484601
Ion Ratio Lower Upper
122 100
105 124.3 109.0 149.0
77 90.8 79.0 119.0



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

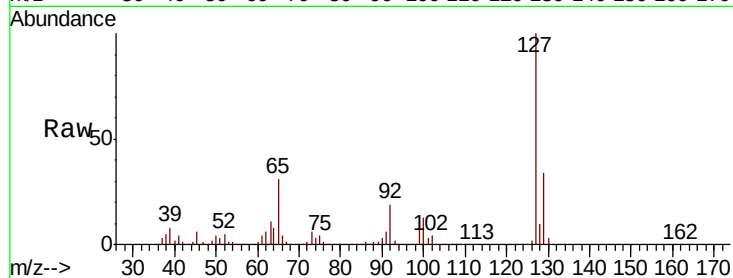




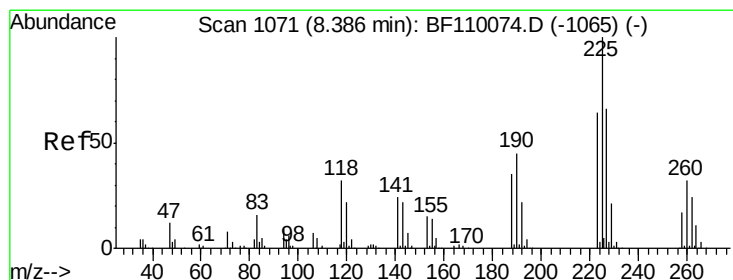
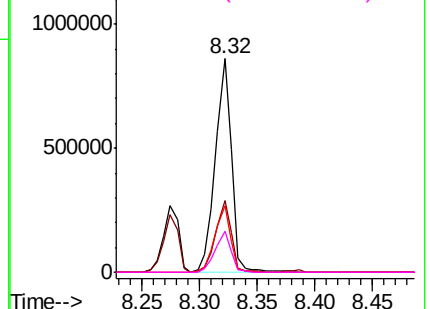
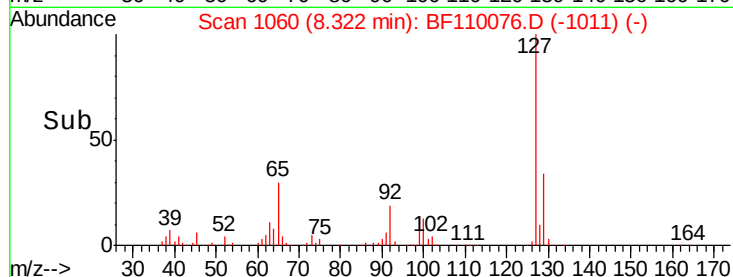
#33
4-Chloroaniline
Concen: 56.370 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	838463
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.0	39.0
65	30.9	25.1	37.7
92	19.2	15.0	22.6

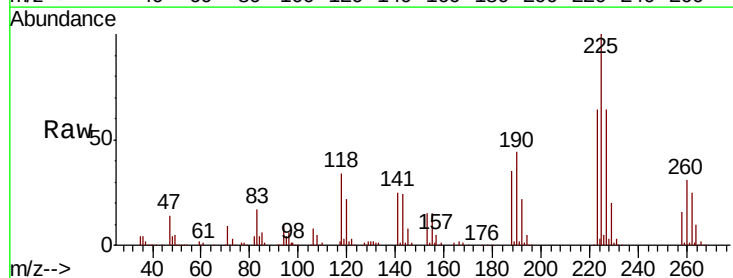


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

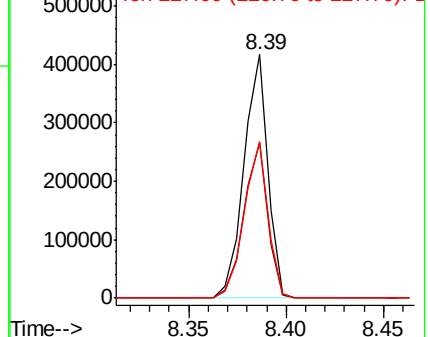
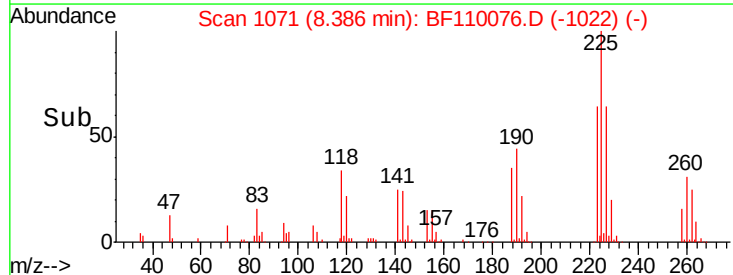


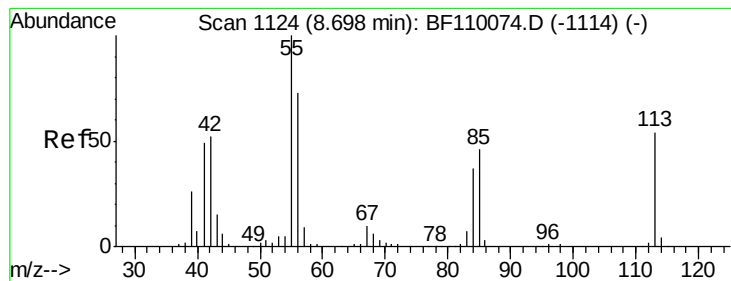
#34
Hexachlorobutadiene
Concen: 58.245 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion:	225	Resp:	353672
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.4	77.2
227	64.1	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: 51.515 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

Instrument :

BNA_F

ClientSampled :

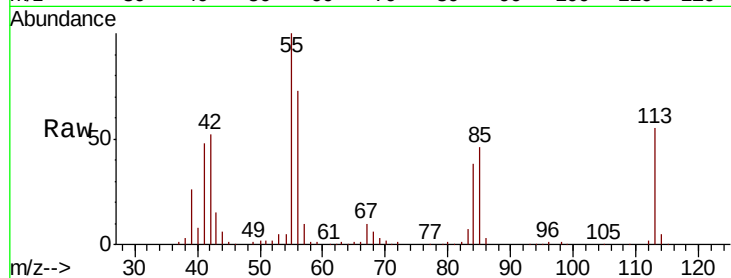
Tot Ion:113 Resp: 179929

Ion Ratio Lower Upper

113 100

55 182.8 142.8 182.8

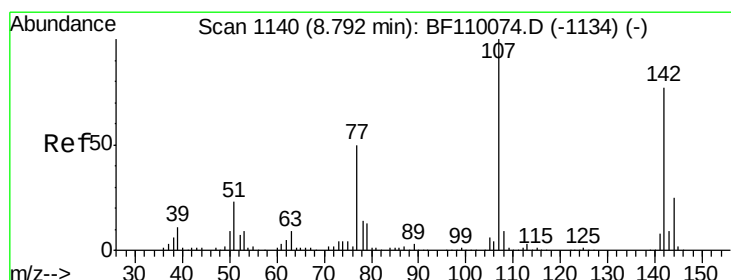
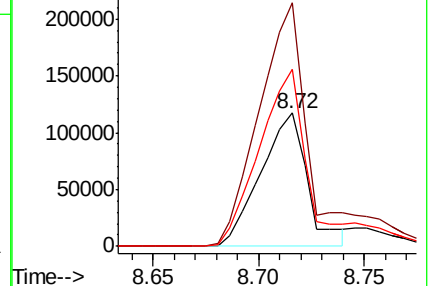
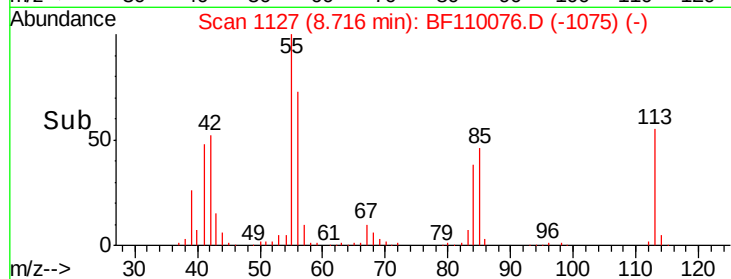
56 133.1 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 59.572 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

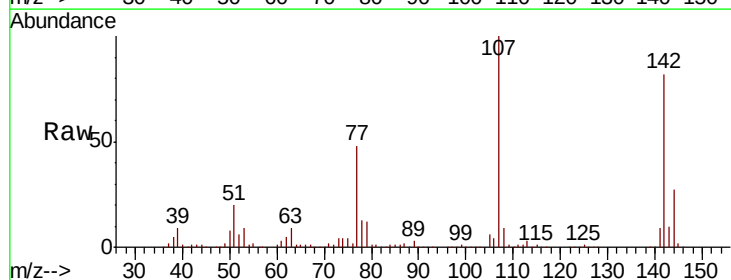
Tgt Ion:107 Resp: 618050

Ion Ratio Lower Upper

107 100

144 26.8 20.0 30.0

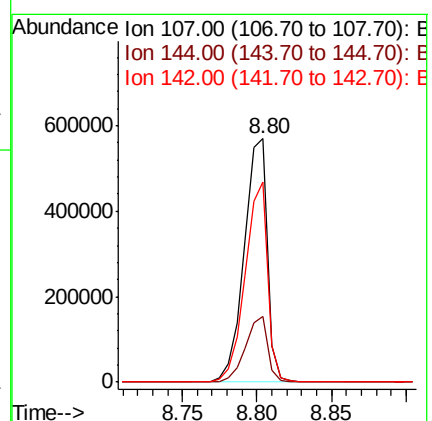
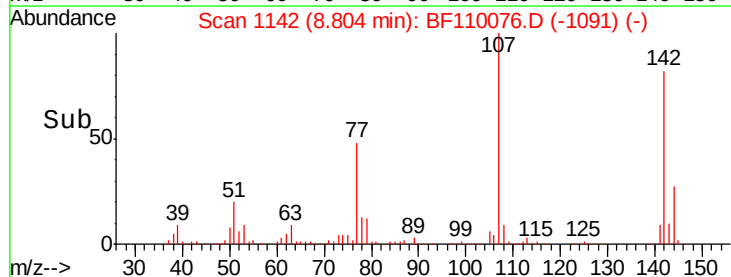
142 82.0 59.7 89.5

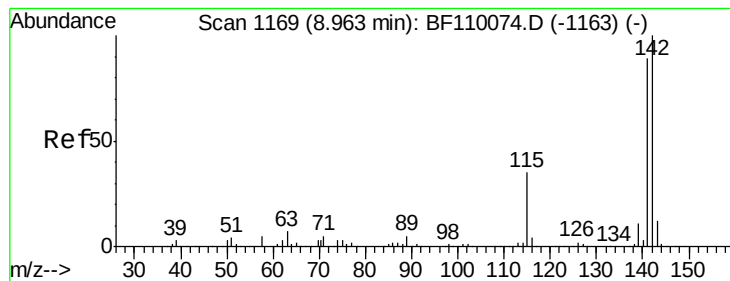


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 57.174 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

Instrument :

BNA_F

ClientSampleId :

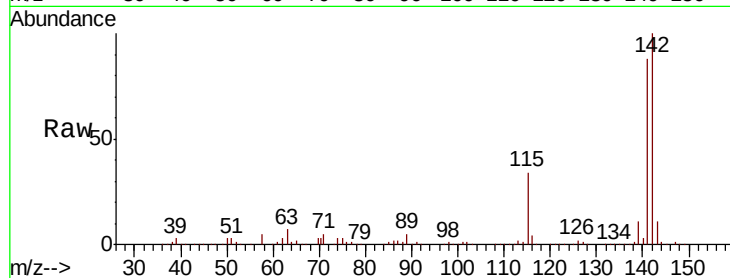
Tot Ion:142 Resp: 1225021

Ion Ratio Lower Upper

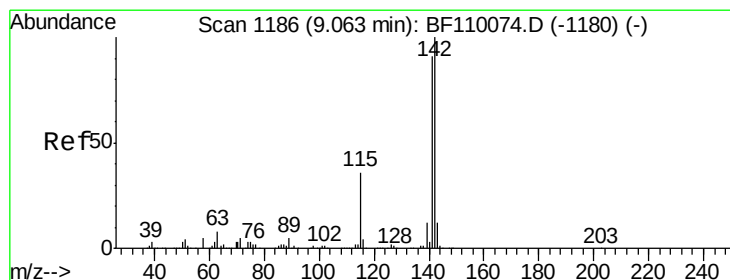
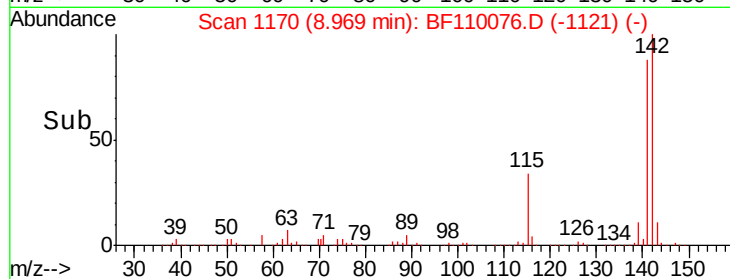
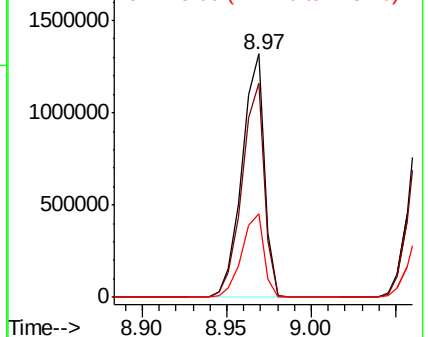
142 100

141 87.9 71.4 107.2

115 34.2 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: 56.427 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

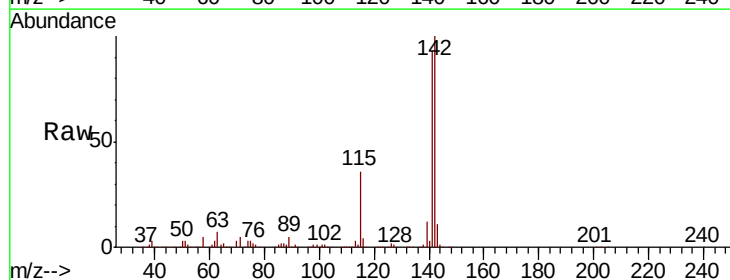
Tgt Ion:142 Resp: 1171528

Ion Ratio Lower Upper

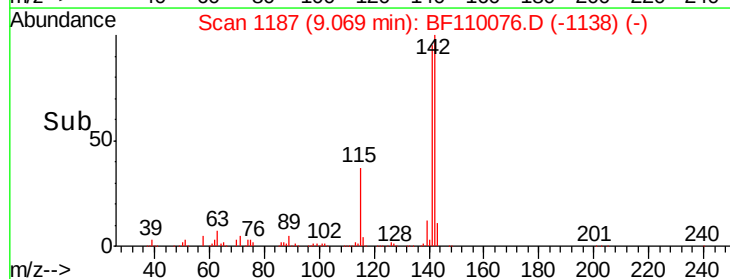
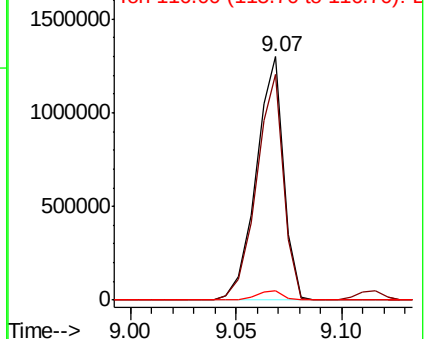
142 100

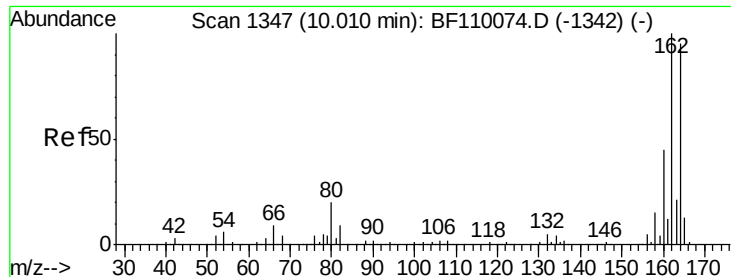
141 92.7 74.2 111.4

116 3.6 2.6 4.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

Instrument :

BNA_F

ClientSampled :

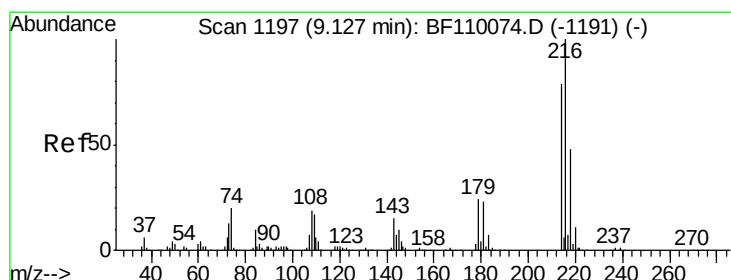
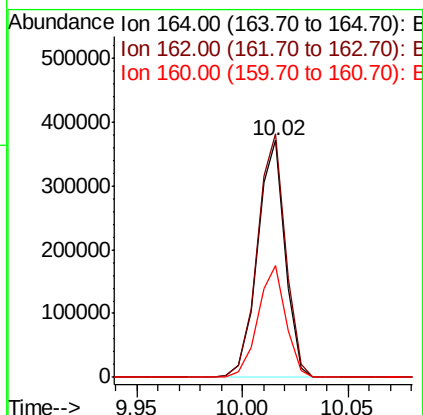
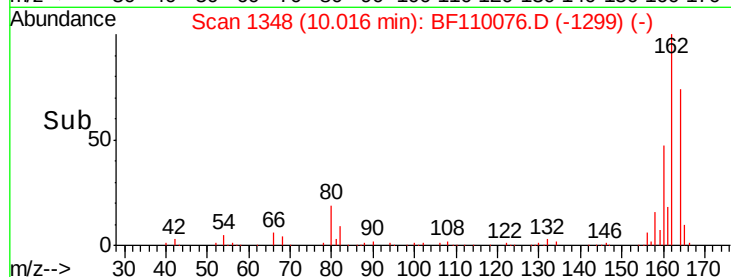
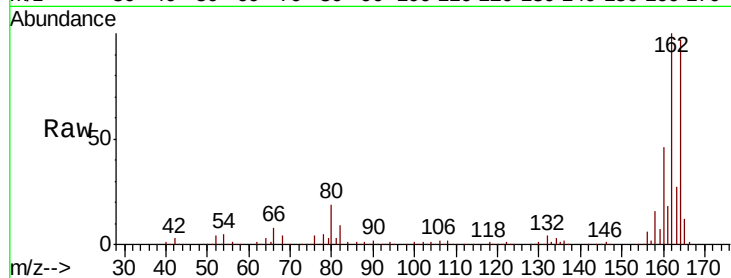
Tot Ion:164 Resp: 337537

Ion Ratio Lower Upper

164 100

162 102.7 83.0 124.6

160 47.0 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.160 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

Tgt Ion:216 Resp: 594261

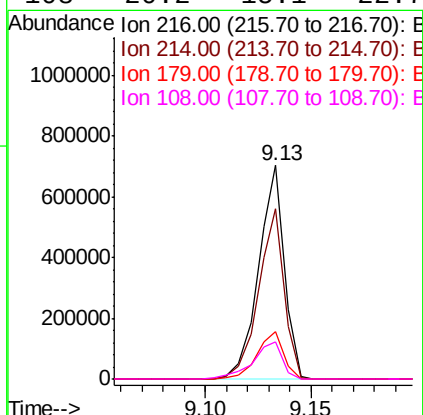
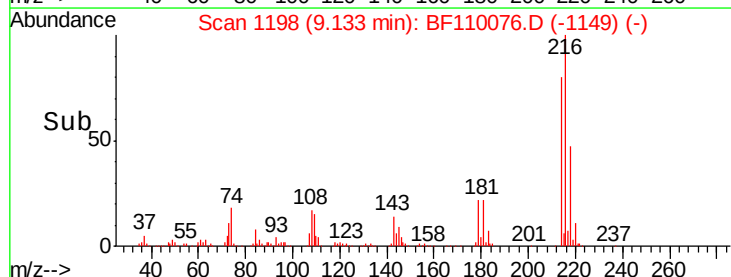
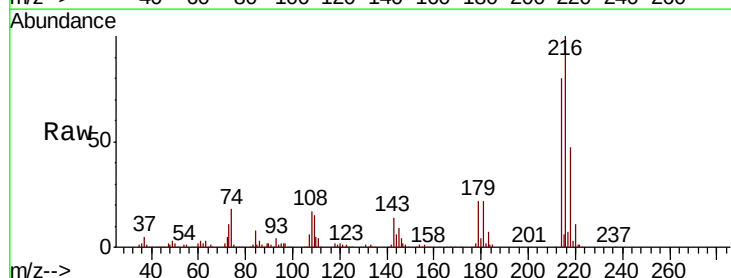
Ion Ratio Lower Upper

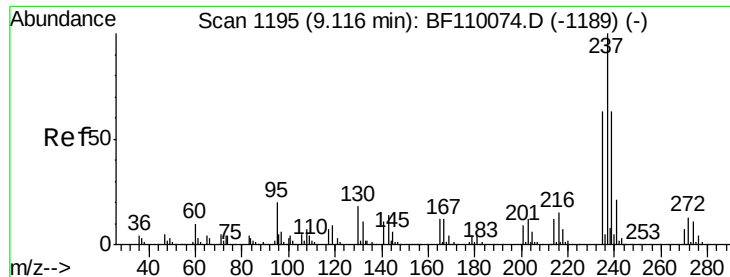
216 100

214 79.6 63.8 95.6

179 22.9 16.6 25.0

108 20.2 15.1 22.7

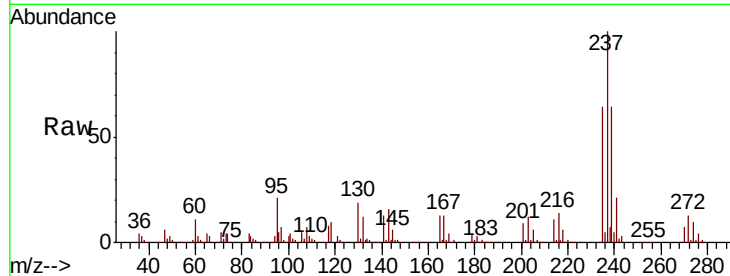




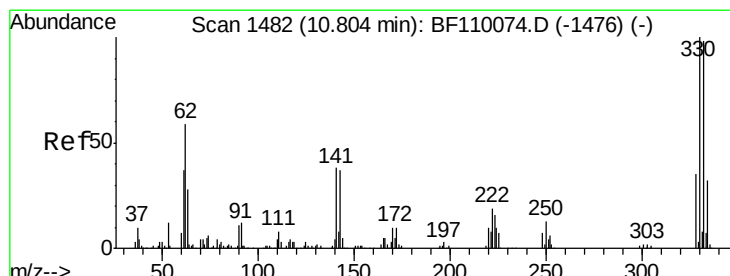
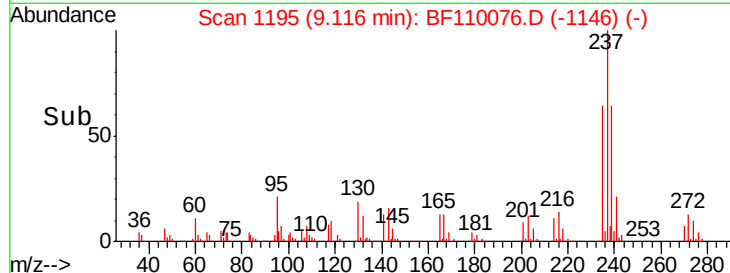
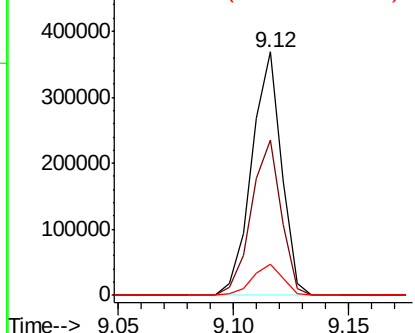
#41
Hexachlorocyclopentadiene
Concen: 66.146 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.1	83.1
272	12.6	0.0	32.6

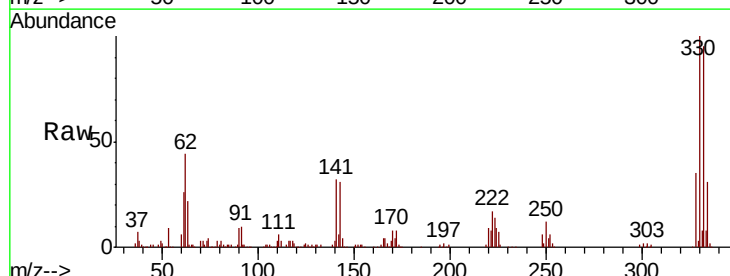


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

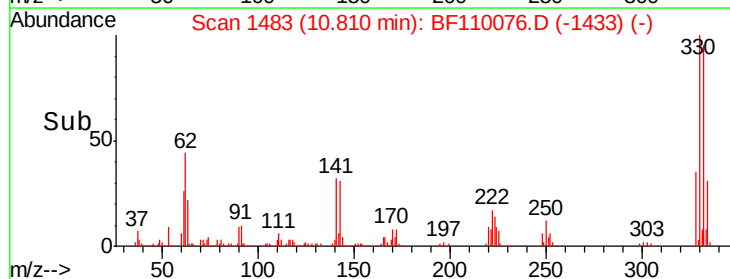
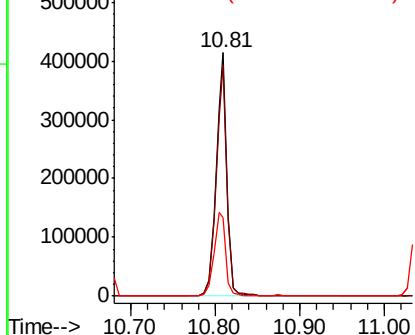


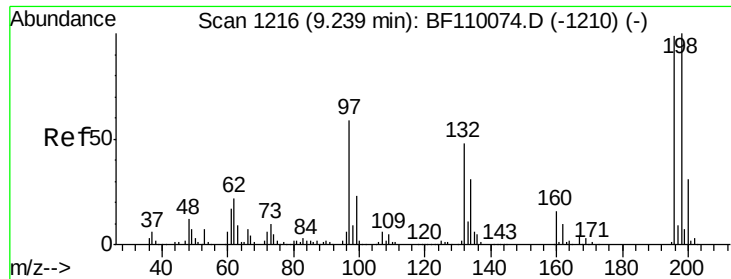
#42
2,4,6-Tribromophenol
Concen: 130.039 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.1	115.7
141	37.5	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

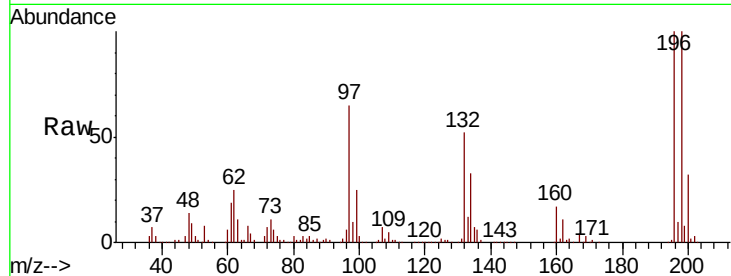




#43
 2,4,6-Trichlorophenol
 Concen: 60.848 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110076.D
 Acq: 23 Oct 2018 13:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.0	76.2	114.4
200	31.8	24.4	36.6

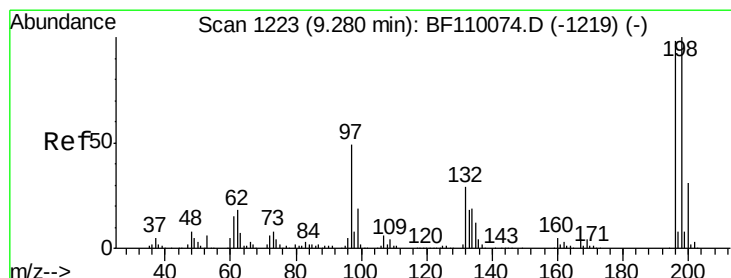
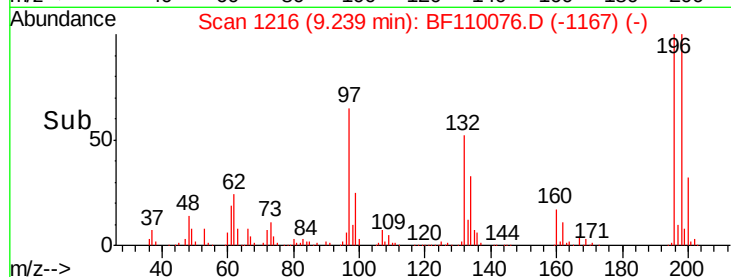
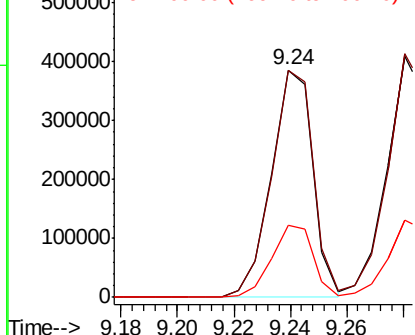


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 61.962 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110076.D
 Acq: 23 Oct 2018 13:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.0	75.8	113.6
97	58.3	42.4	63.6
132	32.9	22.8	34.2

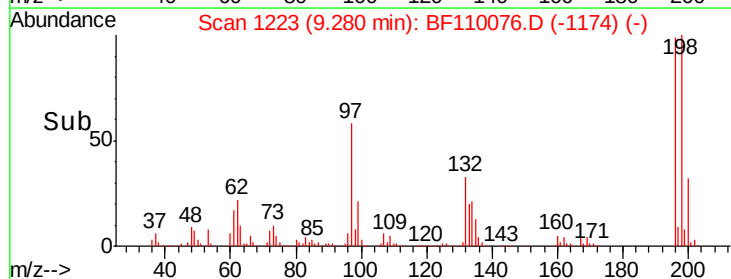
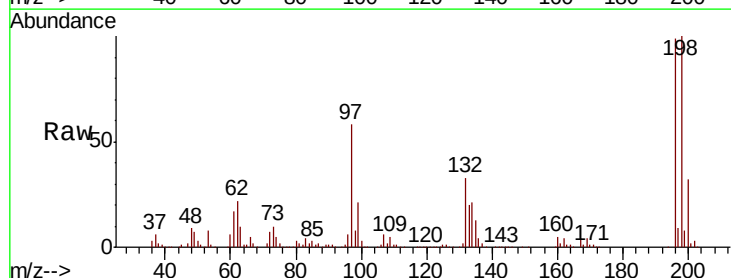
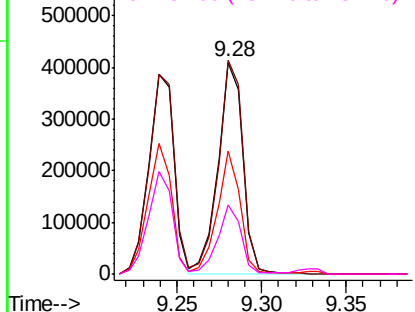
Abundance

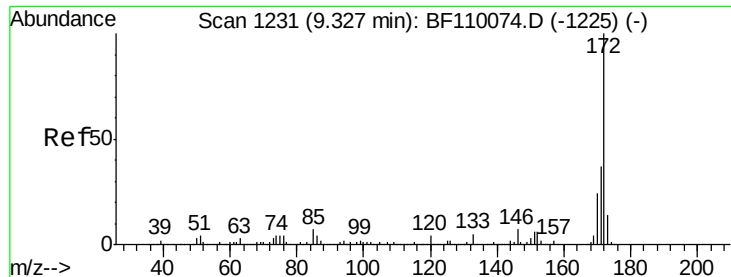
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



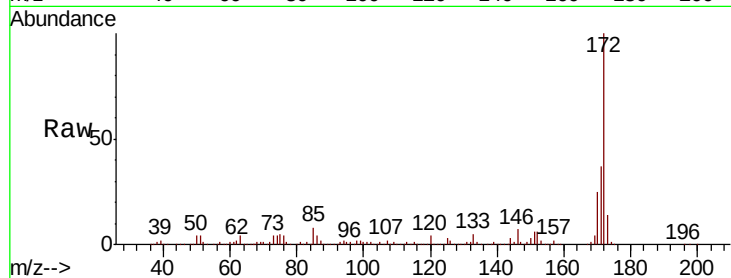


#45
 2-Fluorobiphenyl
 Concen: 112.276 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110076.D
 Acq: 23 Oct 2018 13:34

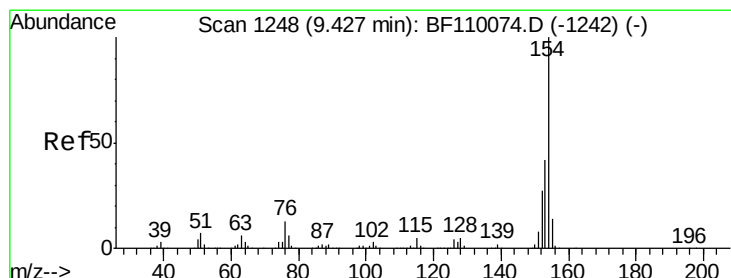
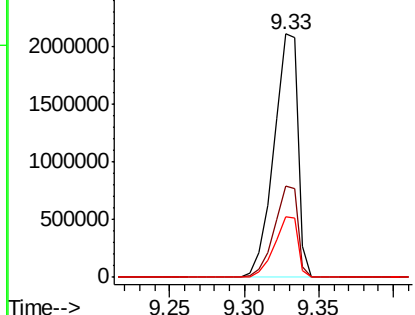
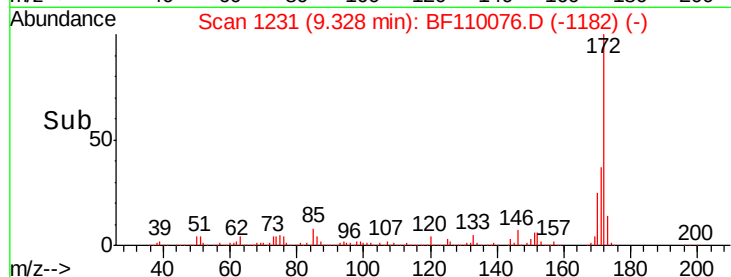
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 2375023

Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.6	43.0
170	24.8	19.7	29.5



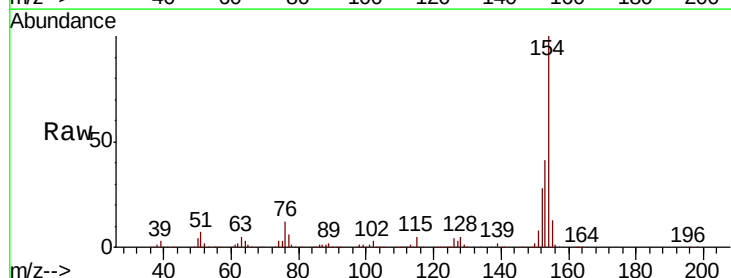
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



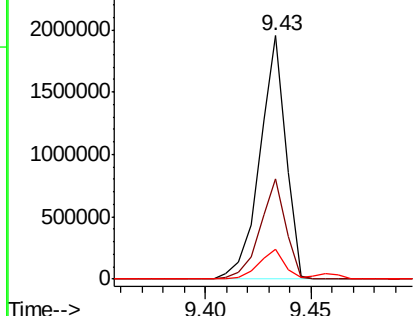
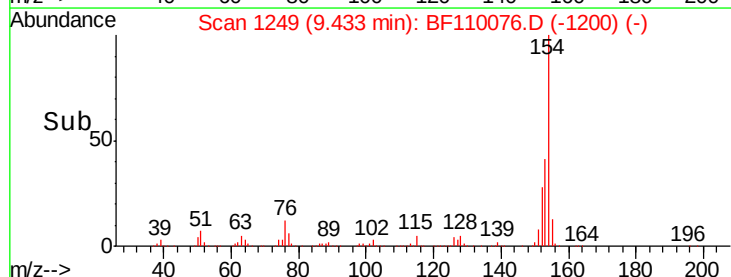
#46
 1,1'-Biphenyl
 Concen: 55.465 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110076.D
 Acq: 23 Oct 2018 13:34

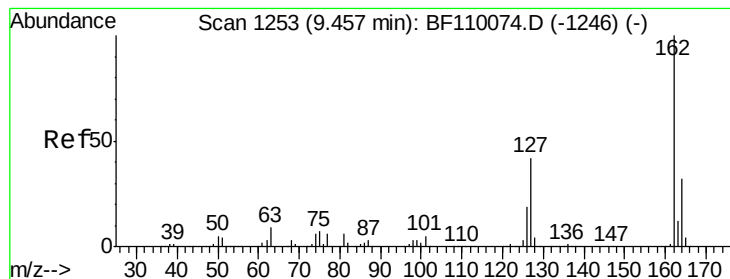
Tgt Ion:154 Resp: 1667997

Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.4	60.4
76	12.4	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: 56.744 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

Instrument :

BNA_F

ClientSampleId :

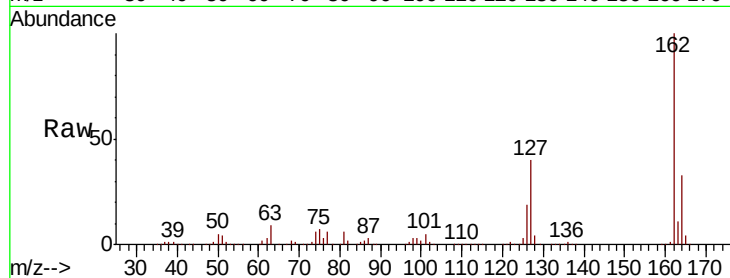
Tot Ion:162 Resp: 1256984

Ion Ratio Lower Upper

162 100

127 40.2 32.6 48.8

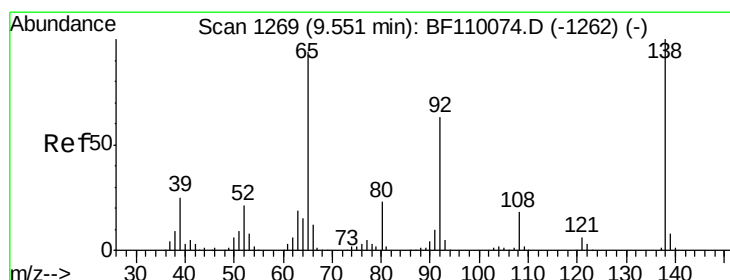
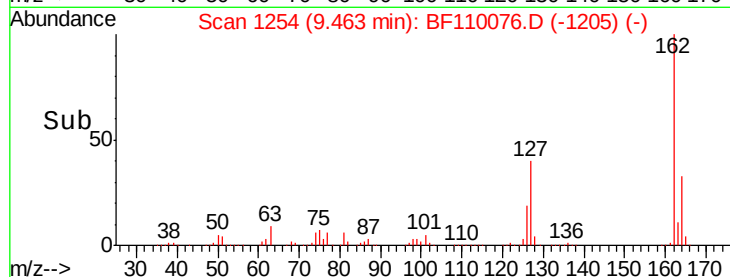
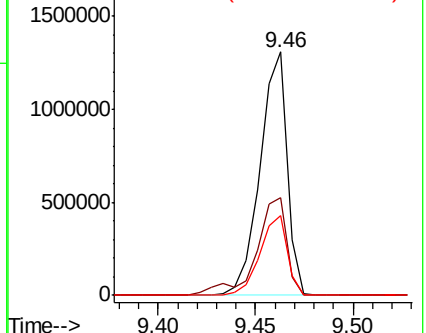
164 32.8 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 71.308 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

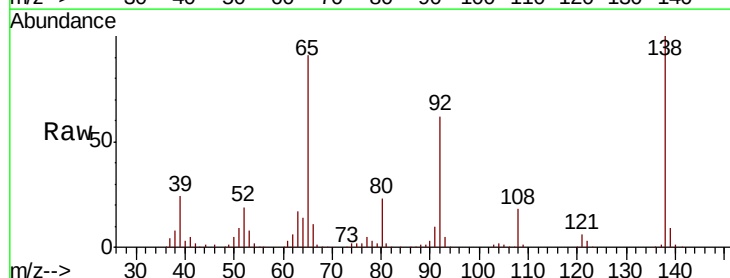
Tgt Ion: 65 Resp: 405375

Ion Ratio Lower Upper

65 100

92 67.9 54.6 81.8

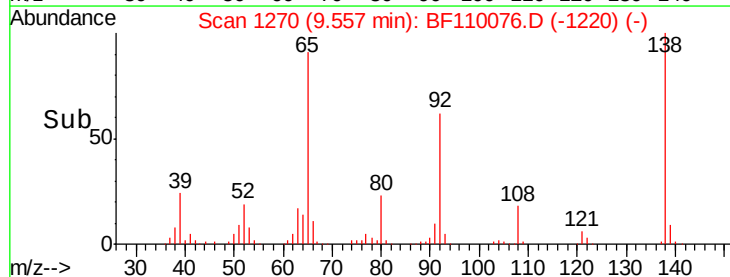
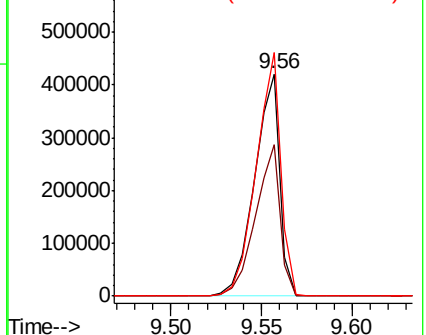
138 109.6 80.3 120.5

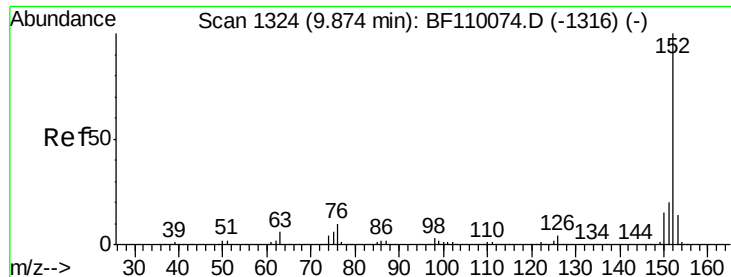


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 55.737 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

Instrument :

BNA_F

ClientSampleId :

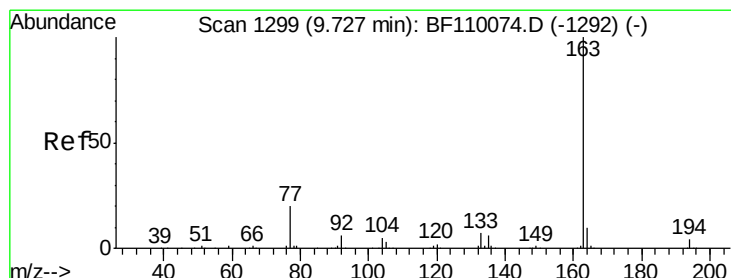
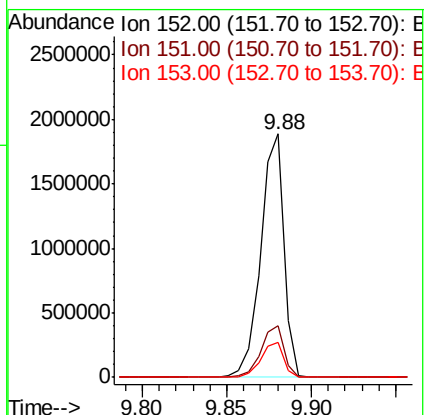
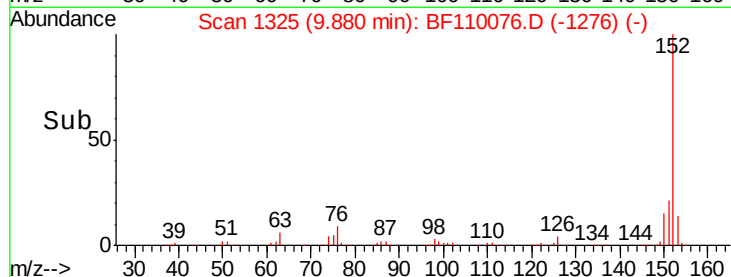
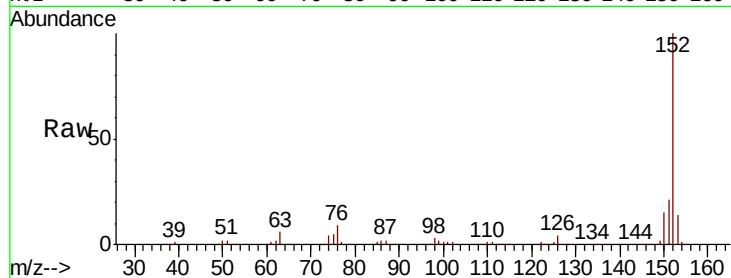
Tot Ion:152 Resp: 1793668

Ion Ratio Lower Upper

152 100

151 21.1 15.8 23.8

153 14.4 10.4 15.6



#50

Dimethylphthalate

Concen: 59.150 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

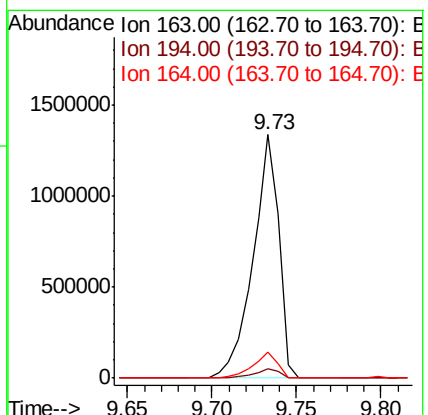
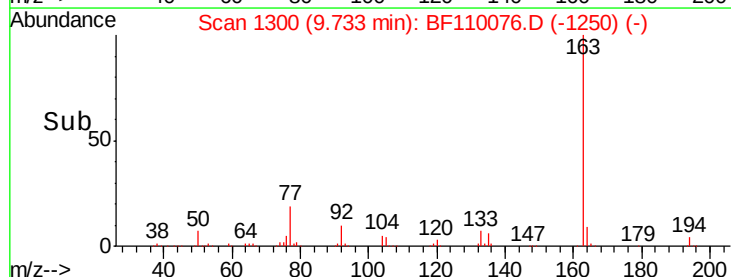
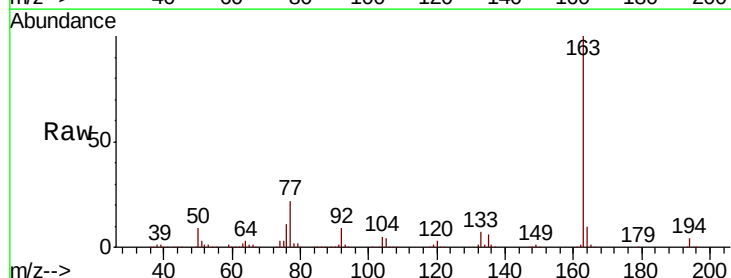
Tgt Ion:163 Resp: 1413732

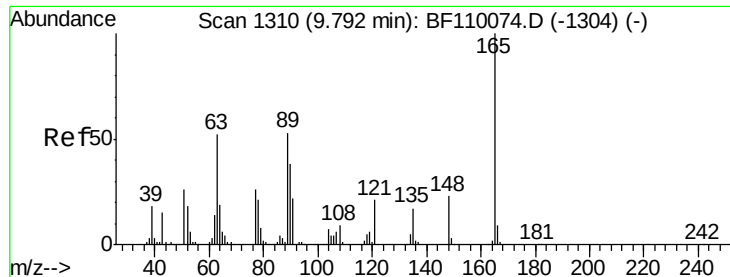
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.5 8.1 12.1

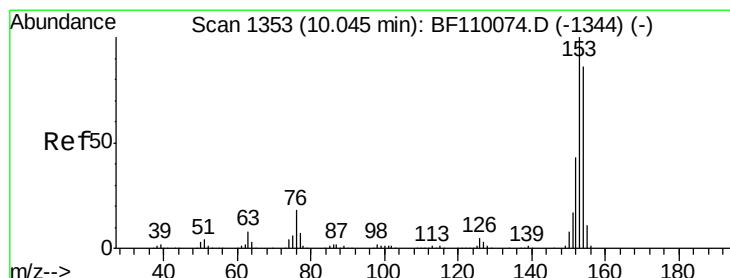
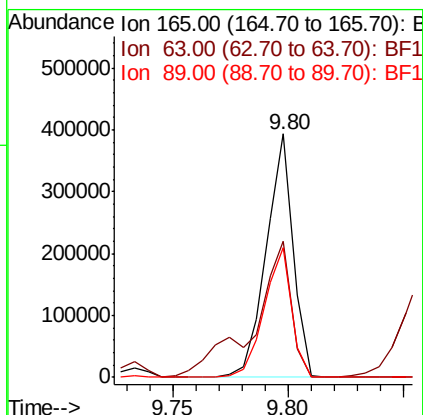
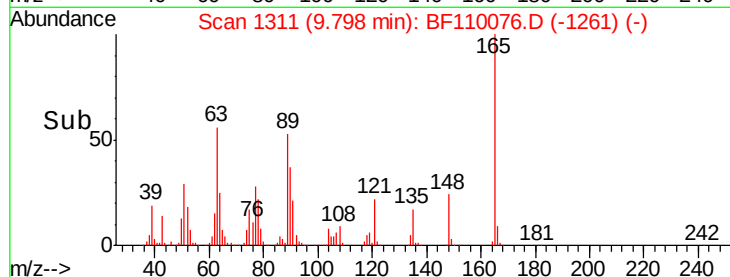
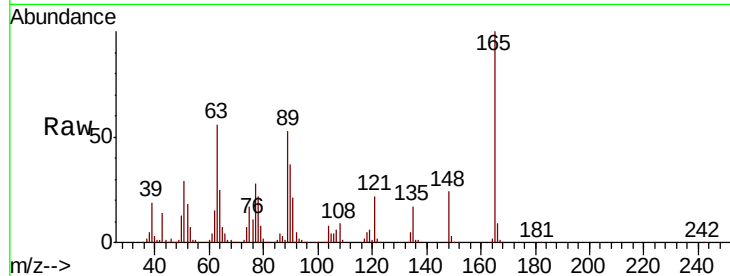




#51
2,6-Dinitrotoluene
Concen: 70.424 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

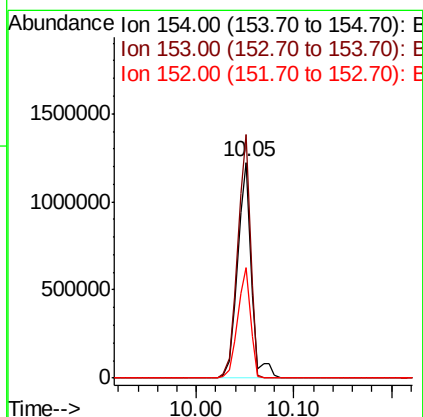
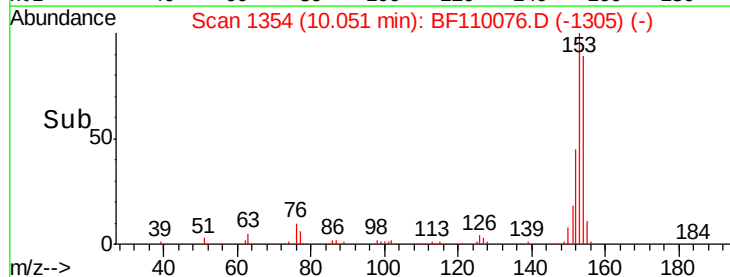
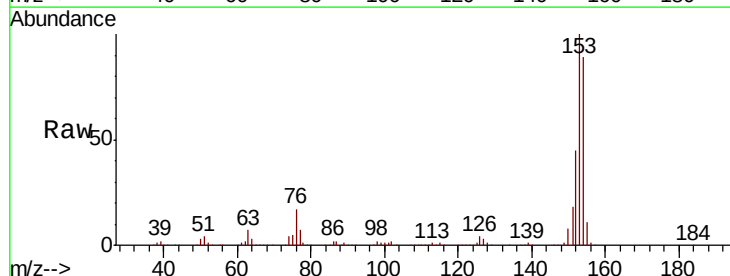
Instrument :
BNA_F
ClientSampleId :

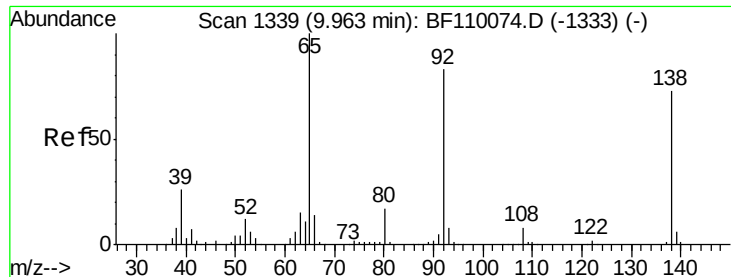
Tot Ion:165 Resp: 319693
Ion Ratio Lower Upper
165 100
63 56.1 48.9 73.3
89 53.3 46.6 69.8



#52
Acenaphthene
Concen: 58.742 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion:154 Resp: 1203504
Ion Ratio Lower Upper
154 100
153 112.7 90.1 135.1
152 51.3 43.4 65.2

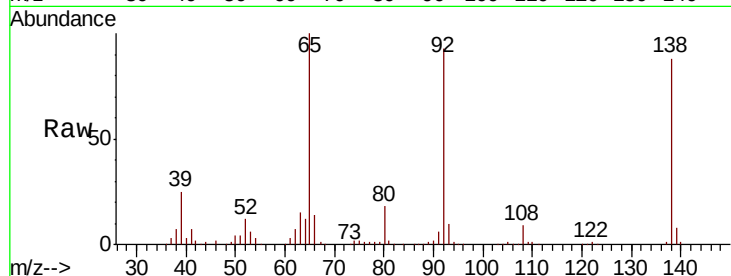




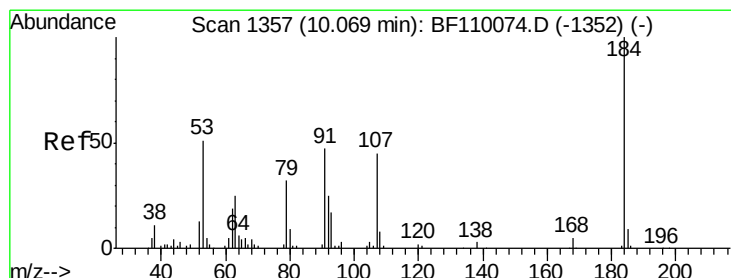
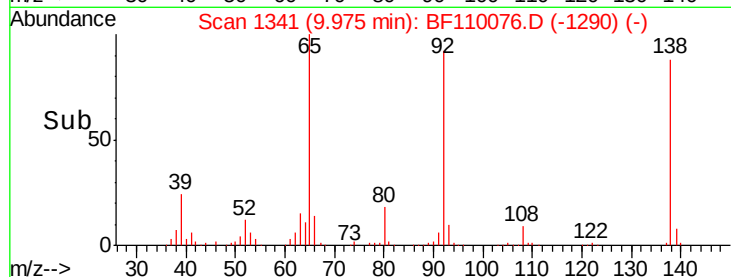
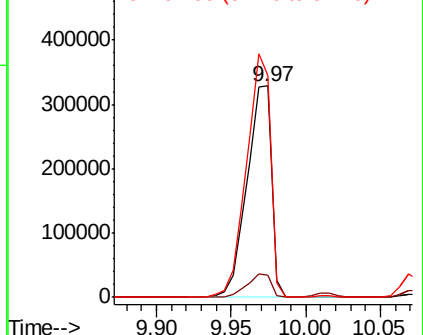
#53
3-Nitroaniline
Concen: 67.617 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 373387
Ion Ratio Lower Upper
138 100
108 10.4 8.7 13.1
92 105.1 97.0 145.4

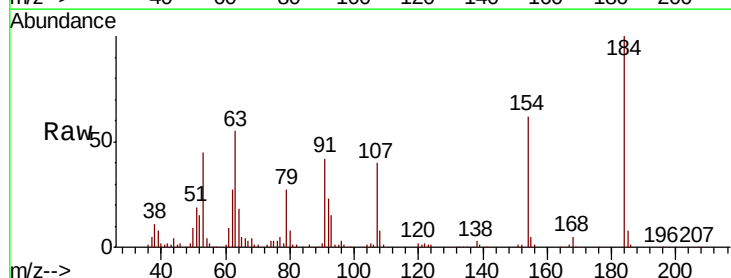


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

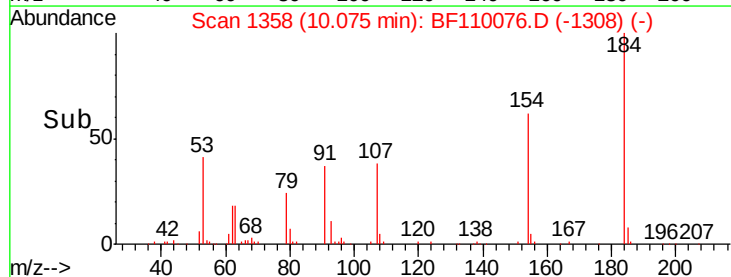
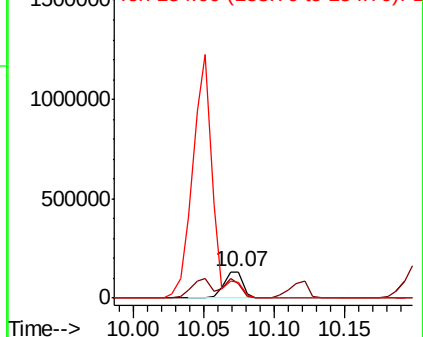


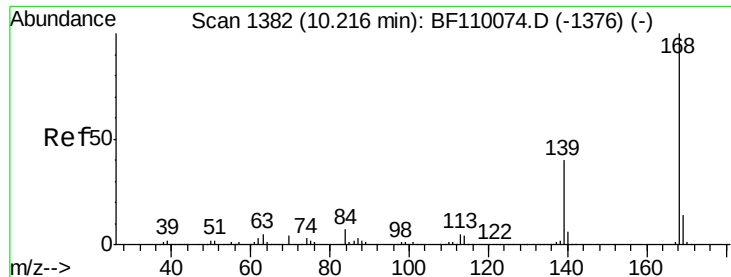
#54
2,4-Dinitrophenol
Concen: 107.010 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion:184 Resp: 124275
Ion Ratio Lower Upper
184 100
63 55.0 55.8 83.6#
154 62.4 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

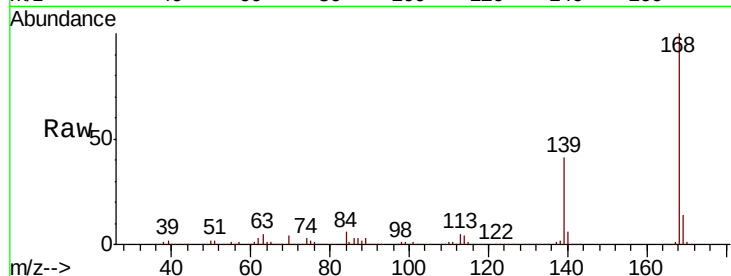




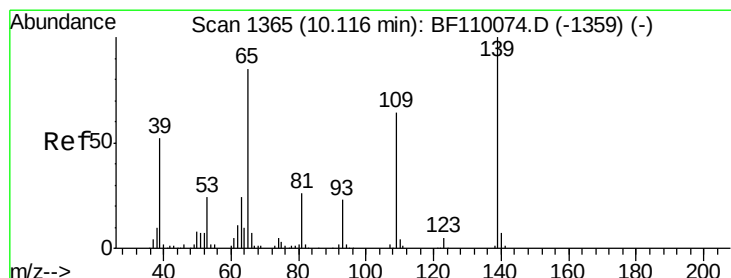
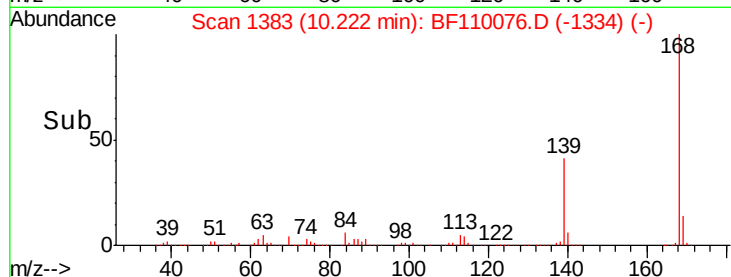
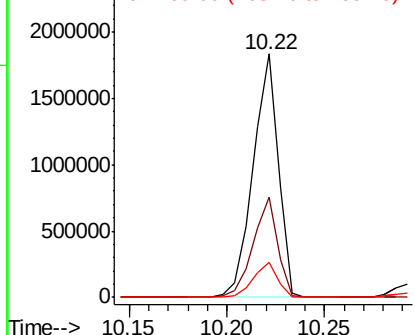
#55
Dibenzofuran
Concen: 56.166 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1641103
Ion Ratio Lower Upper
168 100
139 41.1 33.0 49.6
169 14.1 11.3 16.9

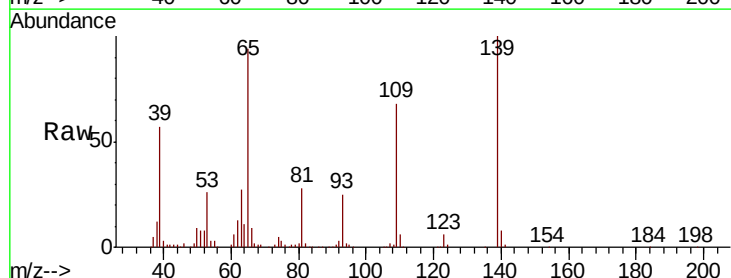


Abundance Ion 168.00 (167.70 to 168.70): E
2500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

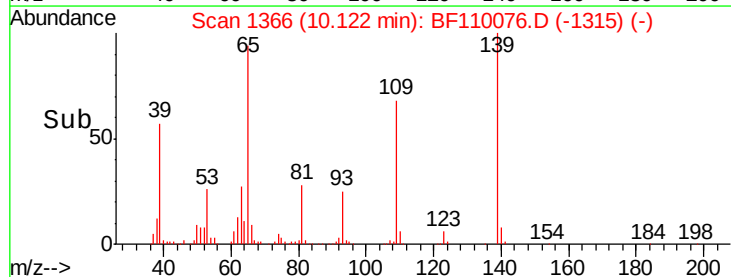
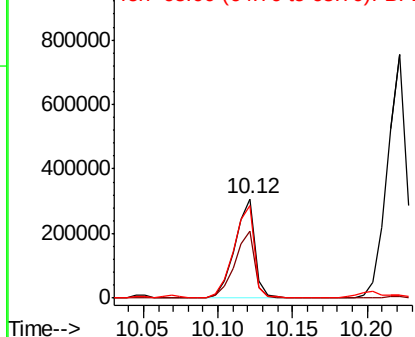


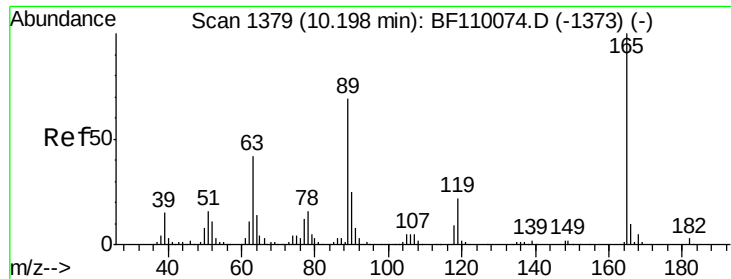
#56
4-Nitrophenol
Concen: 69.313 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion:139 Resp: 292051
Ion Ratio Lower Upper
139 100
109 67.9 55.8 95.8
65 94.2 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E
1000000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

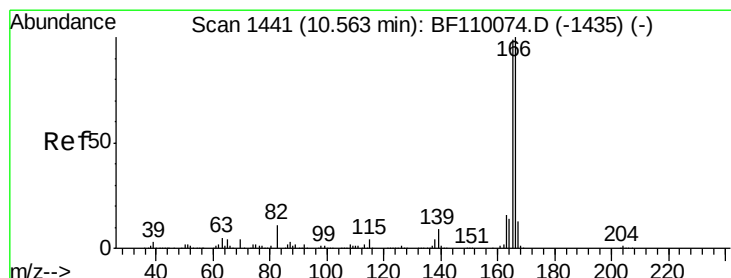
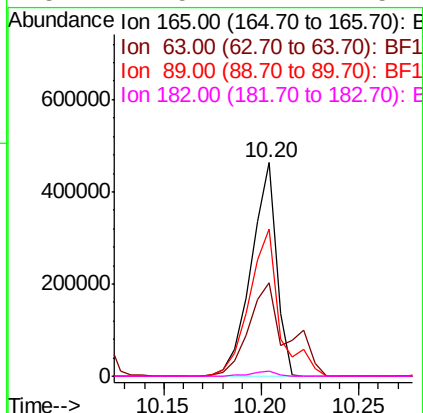
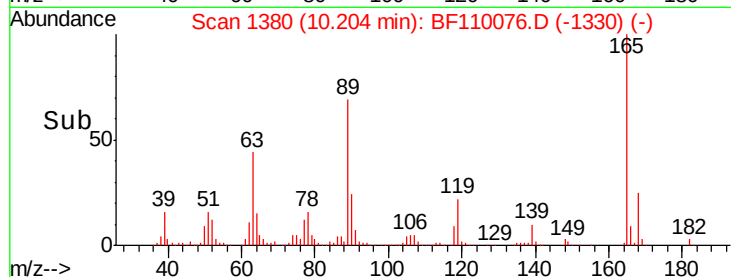
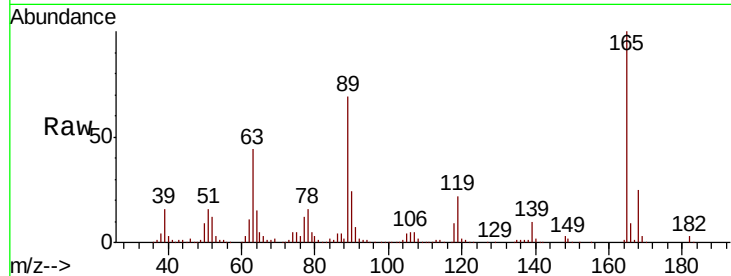




#57
2,4-Dinitrotoluene
Concen: 78.336 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

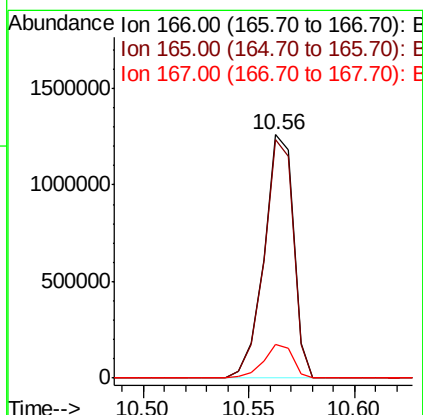
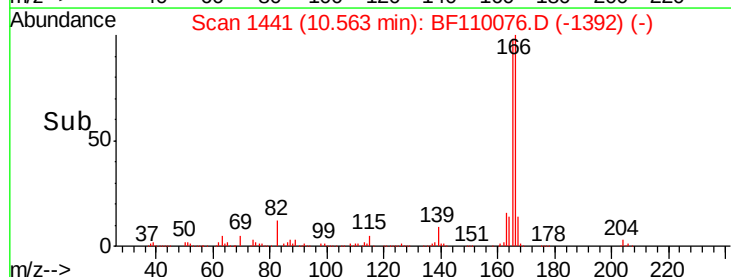
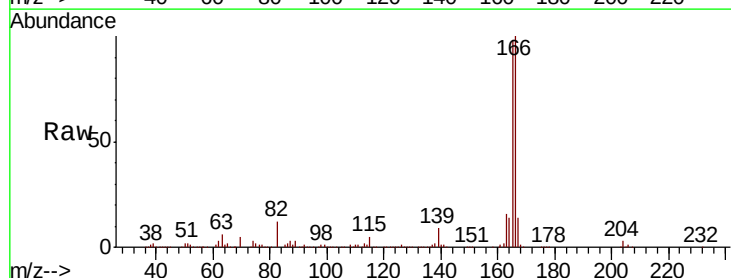
Instrument :
BNA_F
ClientSampleId :

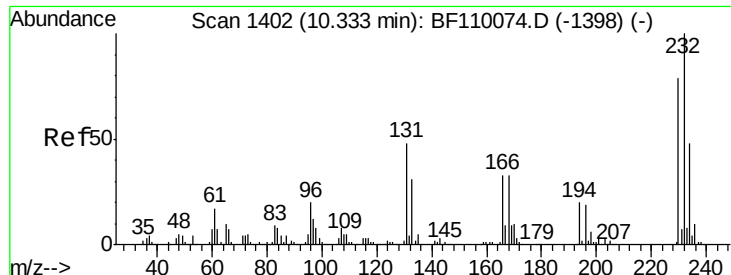
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.8	44.8	67.2#
89	69.1	62.2	93.4
182	2.5	2.1	3.1



#58
Fluorene
Concen: 57.456 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	117.8
167	13.6	10.8	16.2

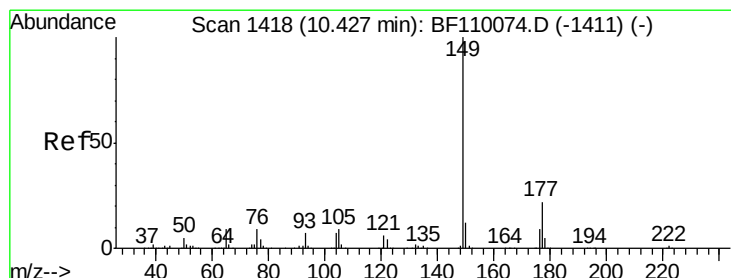
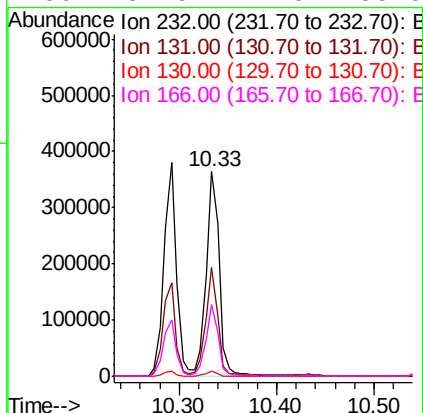
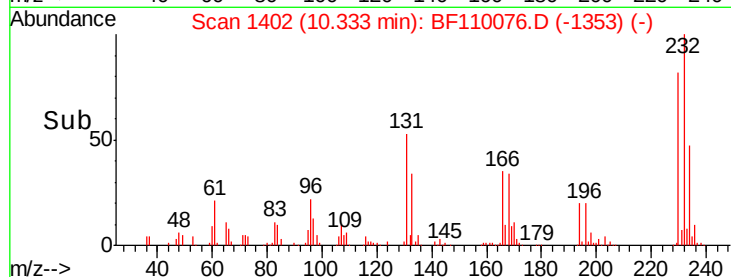
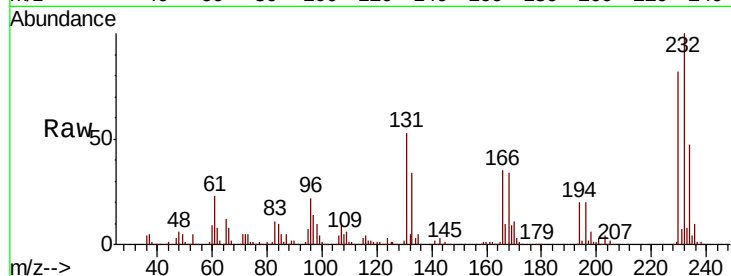




#59
2,3,4,6-Tetrachlorophenol
Concen: 64.038 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

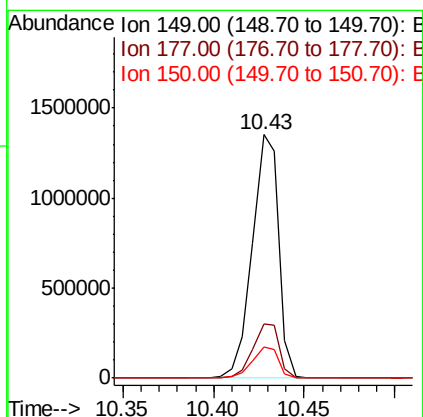
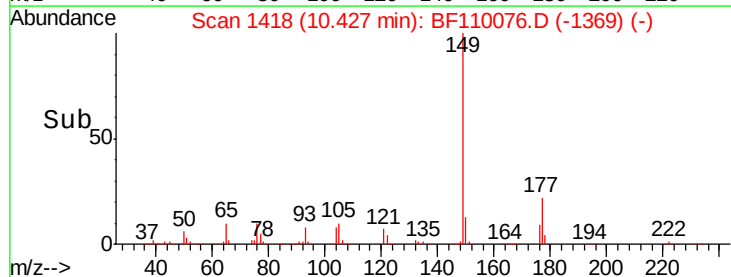
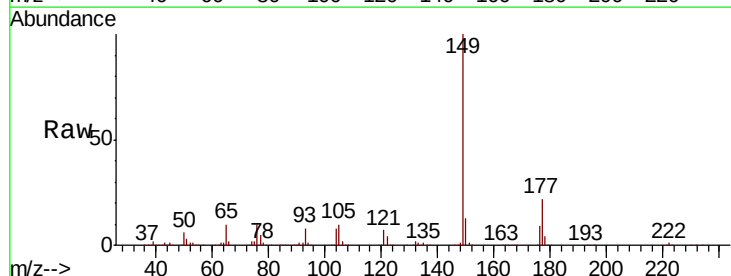
Instrument :
BNA_F
ClientSampled :

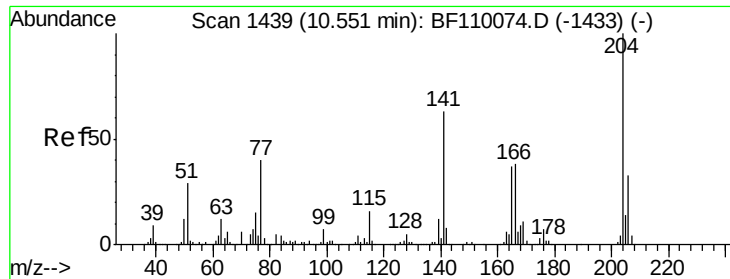
Tot Ion	Ratio	Lower	Upper
232	100		
131	48.6	37.0	55.4
130	2.3	1.8	2.6
166	32.5	22.0	33.0



#60
Diethylphthalate
Concen: 57.979 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.4	26.2
150	12.9	9.8	14.8

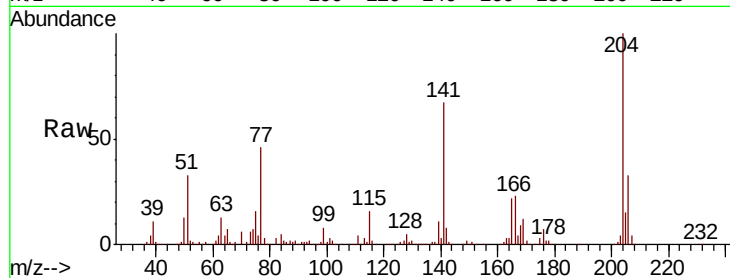




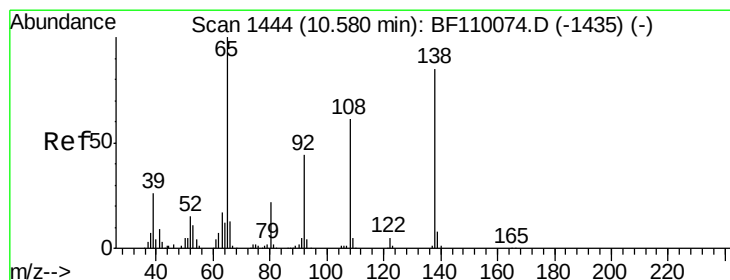
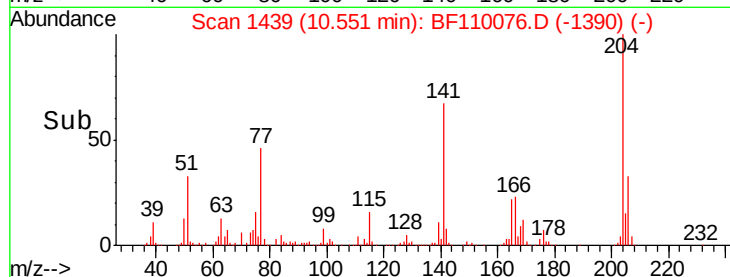
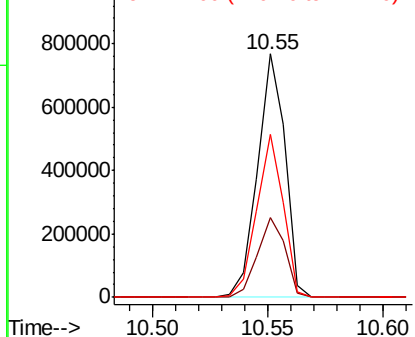
#61
4-Chlorophenyl-phenylether
Concen: 57.788 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 640267
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 67.0 51.8 77.8

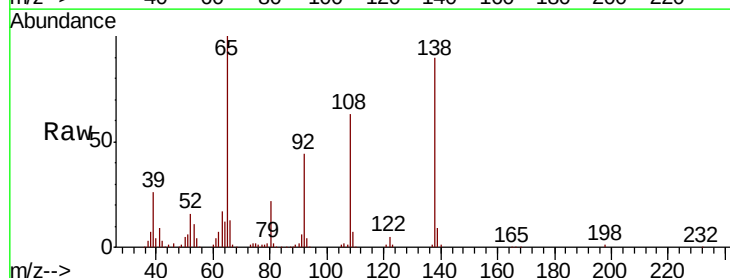


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

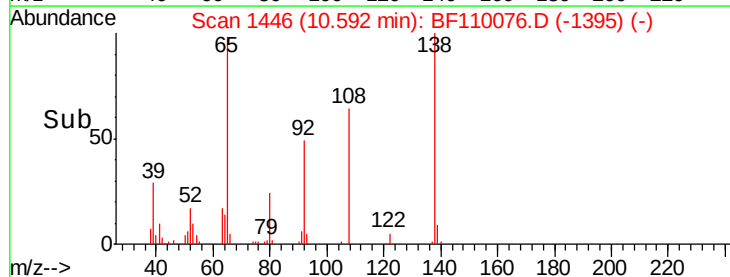
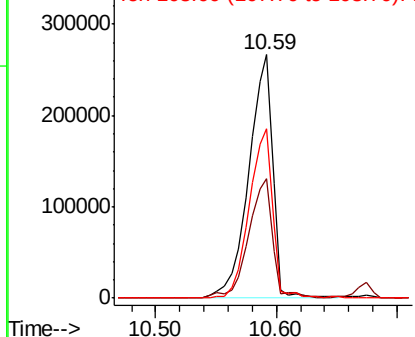


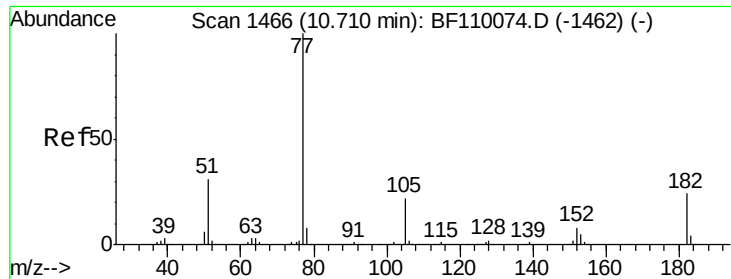
#62
4-Nitroaniline
Concen: 70.837 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion:138 Resp: 370281
Ion Ratio Lower Upper
138 100
92 49.3 31.7 71.7
108 69.7 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: 54.430 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1342311

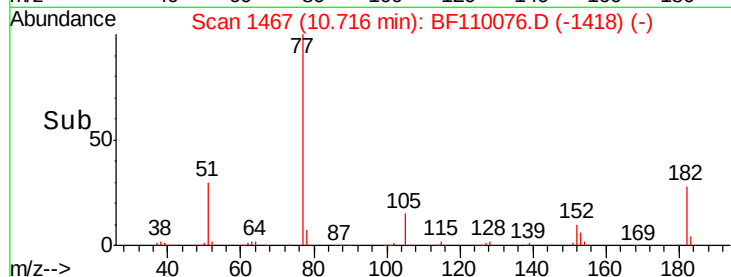
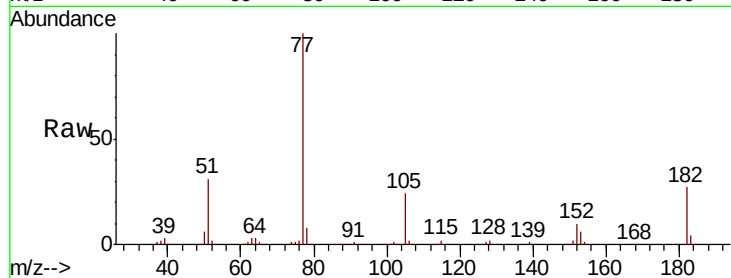
Ion Ratio Lower Upper

77 100

182 27.2 4.3 44.3

105 23.5 1.3 41.3

51 31.0 9.0 49.0

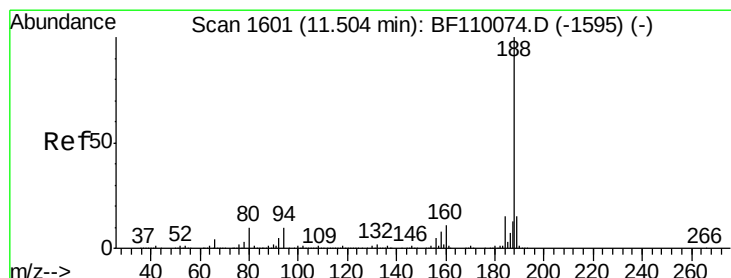
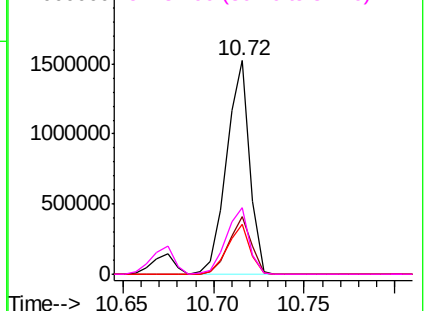


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

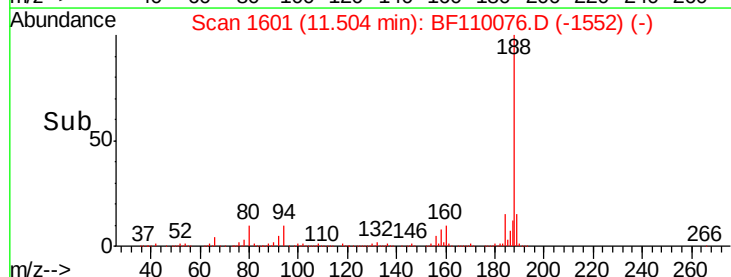
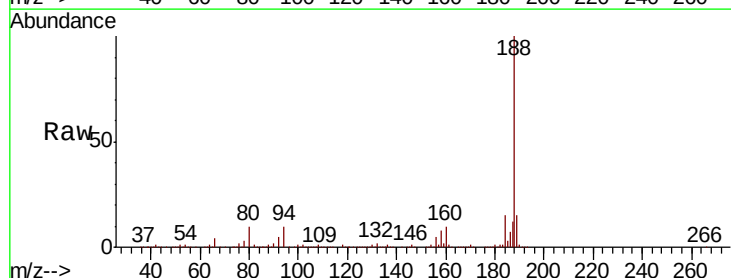
Tgt Ion: 188 Resp: 633976

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

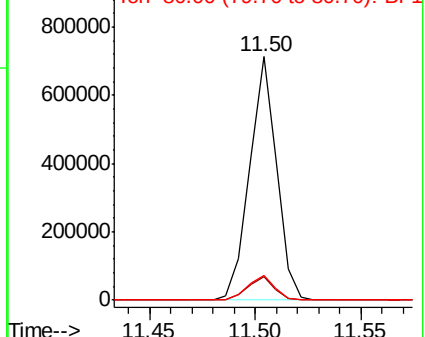
80 10.4 7.9 11.9

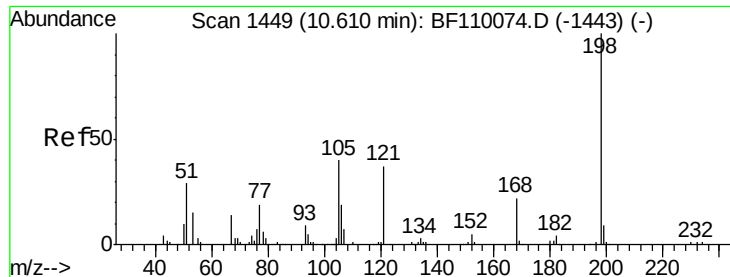


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

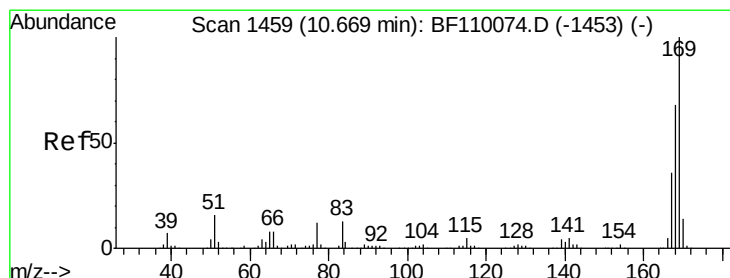
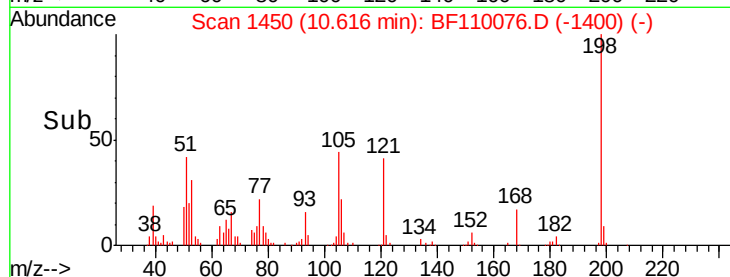
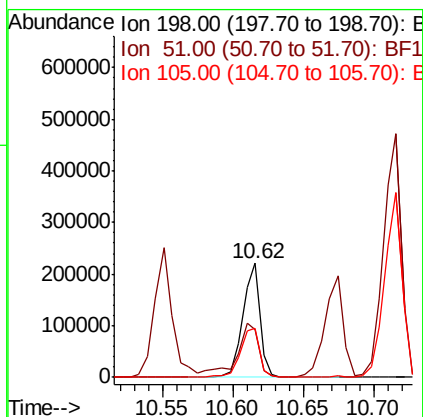
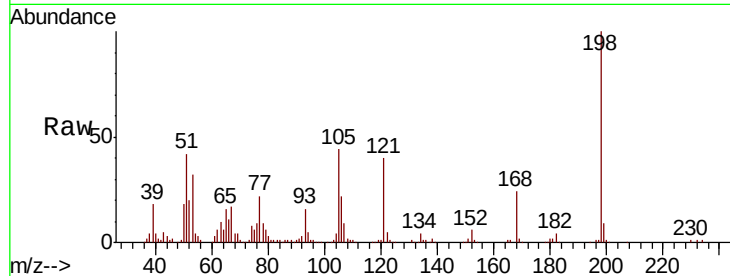




#65
4,6-Dinitro-2-methylphenol
Concen: 92.023 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

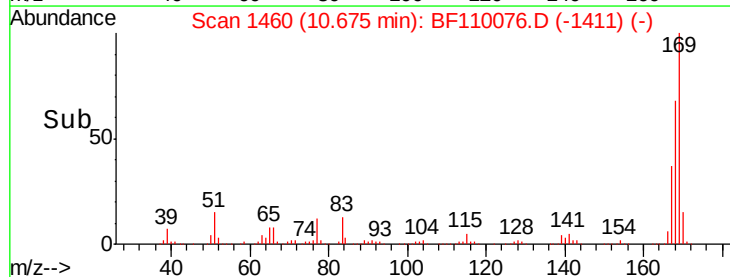
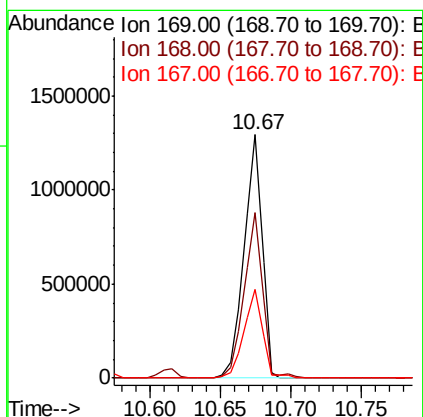
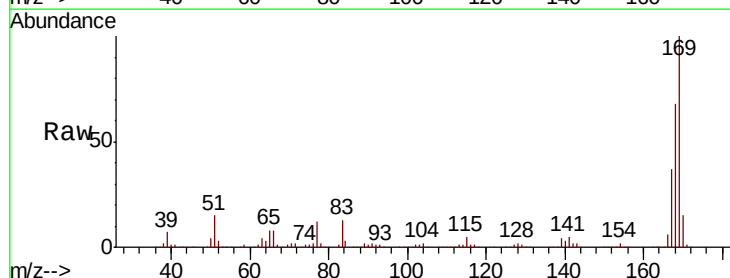
Instrument :
BNA_F
ClientSampled :

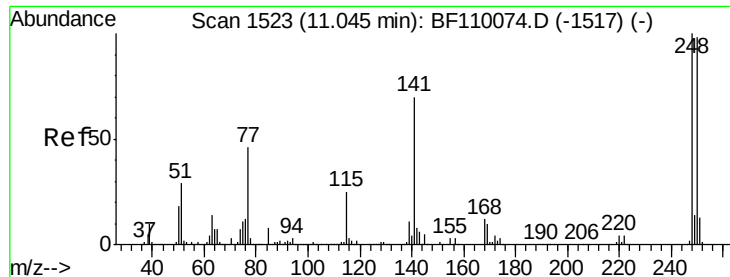
Tot Ion:198 Resp: 186980
Ion Ratio Lower Upper
198 100
51 42.1 22.8 62.8
105 43.5 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 55.139 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion:169 Resp: 1164282
Ion Ratio Lower Upper
169 100
168 68.1 51.2 76.8
167 36.7 27.8 41.6

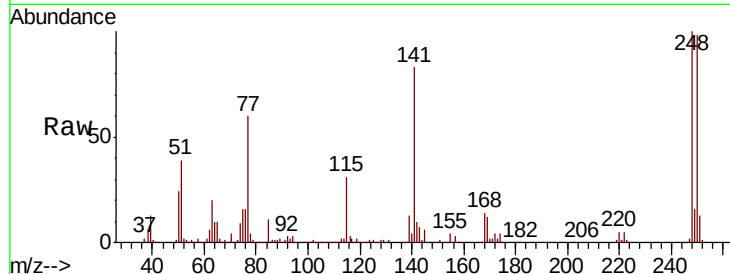




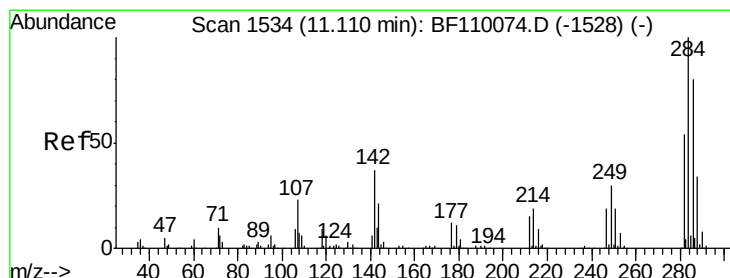
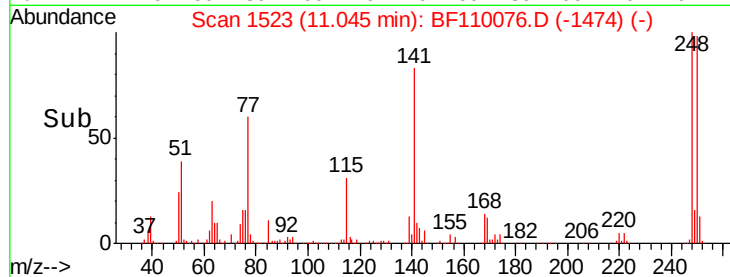
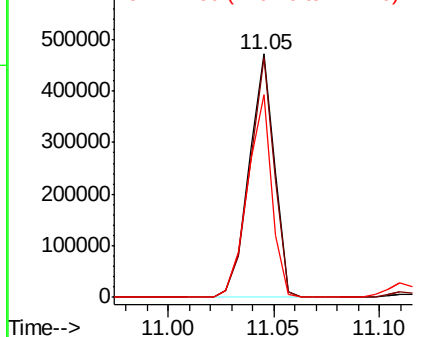
#67
 4-Bromophenyl-phenylether
 Concen: 57.129 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF110076.D
 Acq: 23 Oct 2018 13:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 392514
 Ion Ratio Lower Upper
 248 100
 250 98.4 79.4 119.2
 141 83.0 55.9 83.9

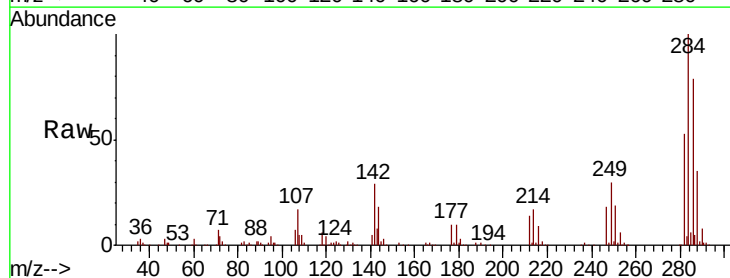


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

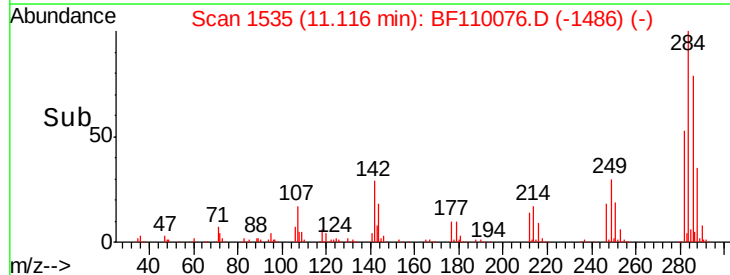
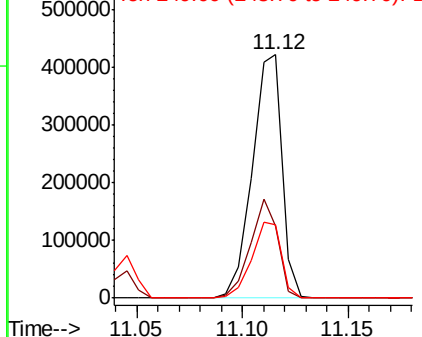


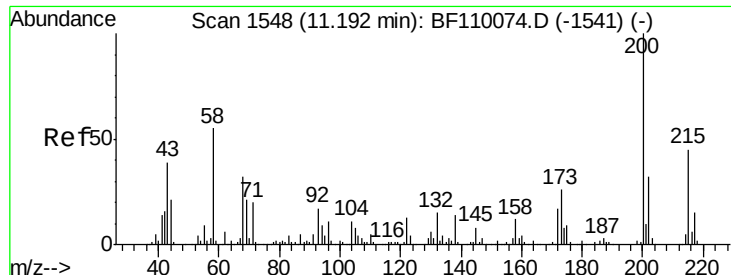
#68
 Hexachlorobenzene
 Concen: 56.337 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BF110076.D
 Acq: 23 Oct 2018 13:34

Tgt Ion:284 Resp: 412761
 Ion Ratio Lower Upper
 284 100
 142 29.5 23.9 35.9
 249 30.3 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

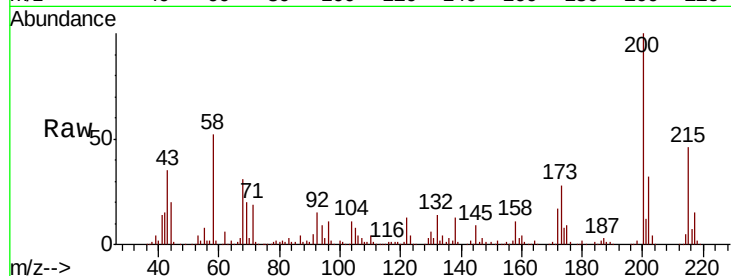




#69
 Atrazine
 Concen: 54.305 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF110076.D
 Acq: 23 Oct 2018 13:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	6.6	46.6
215	46.0	26.3	66.3

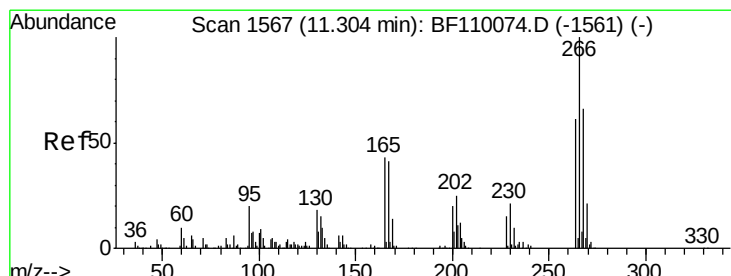
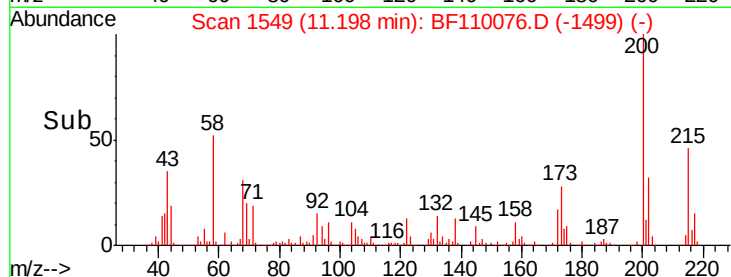
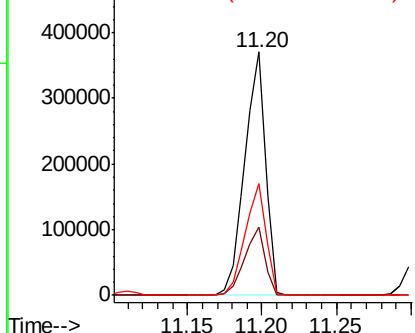


Abundance

Ion 200.00 (199.70 to 200.70): E

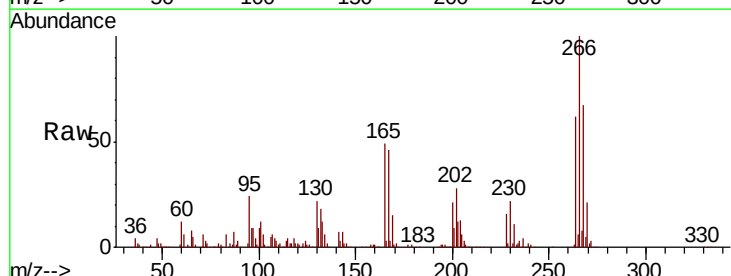
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 65.058 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF110076.D
 Acq: 23 Oct 2018 13:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	50.6	75.8
264	61.9	50.6	75.8

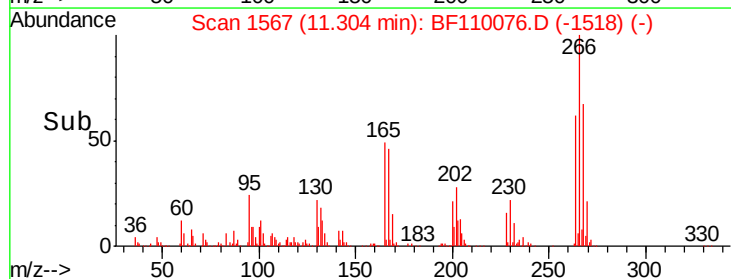
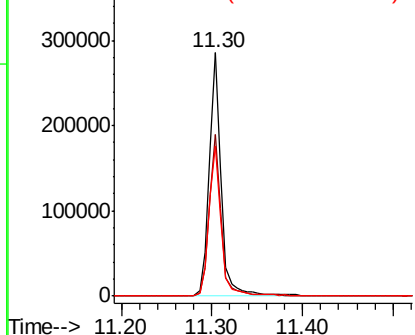


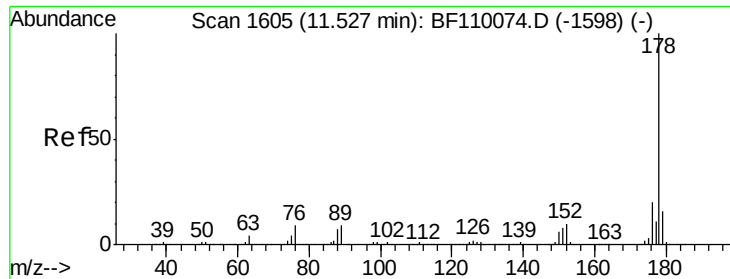
Abundance

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

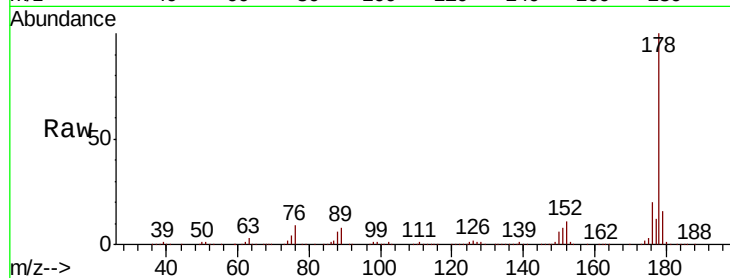




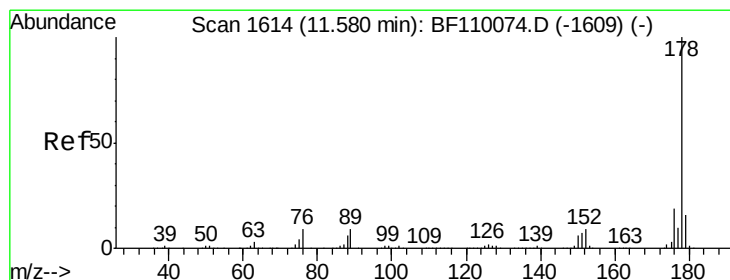
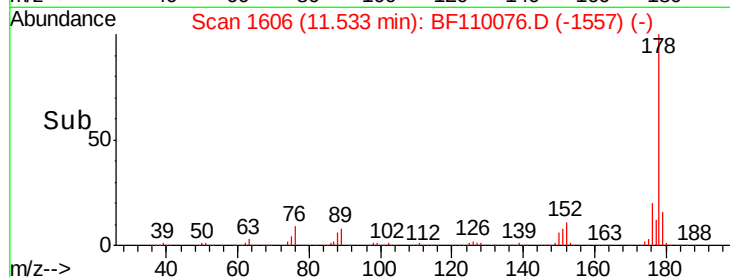
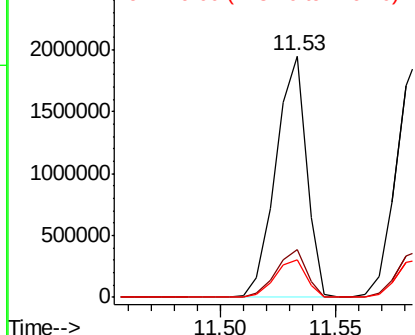
#71
Phenanthrene
Concen: 54.698 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1795254
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.7 12.5 18.7

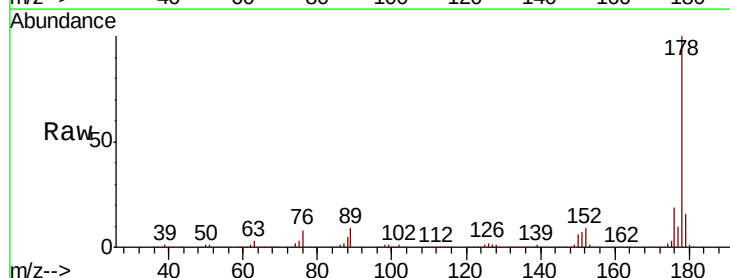


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

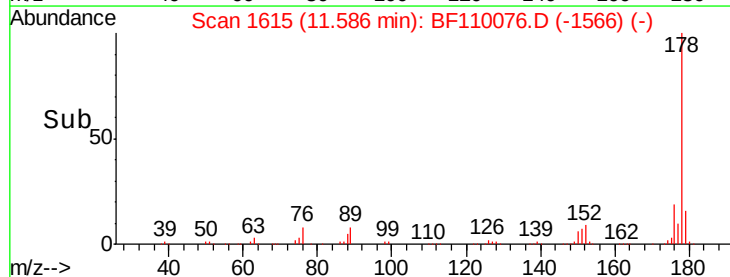
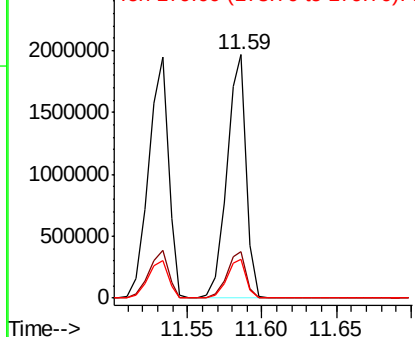


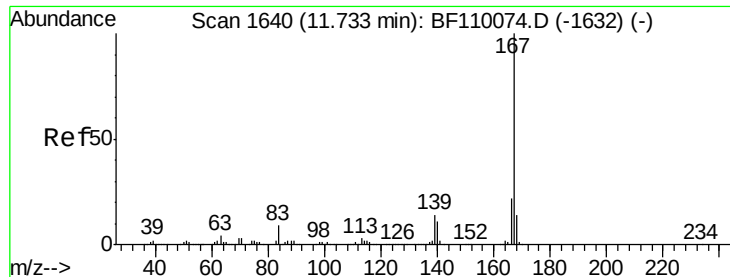
#72
Anthracene
Concen: 54.460 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion:178 Resp: 1797048
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 16.0 12.6 18.8



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



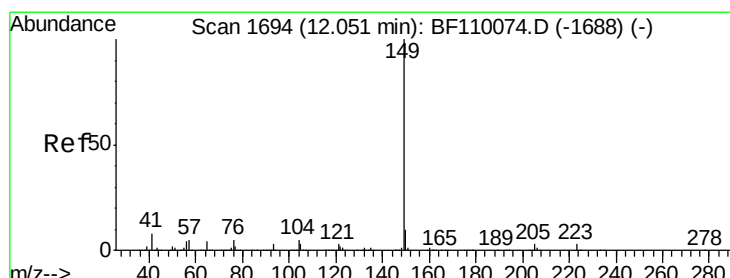
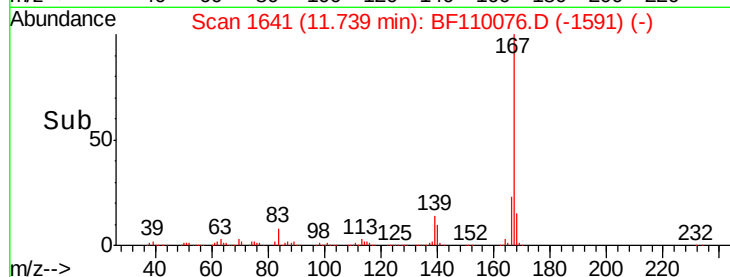
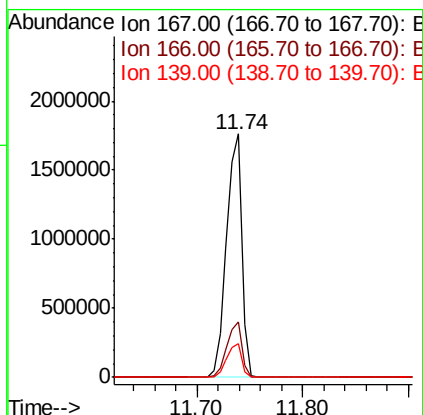
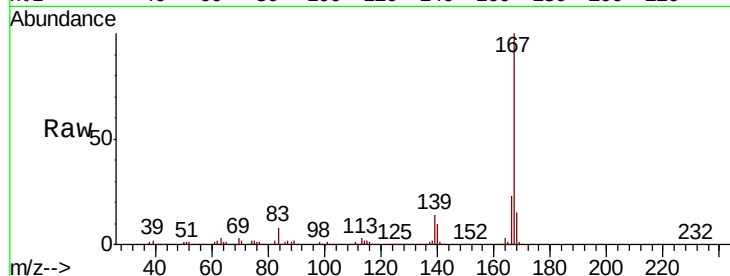


#73
 Carbazole
 Concen: 54.827 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF110076.D
 Acq: 23 Oct 2018 13:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1778013

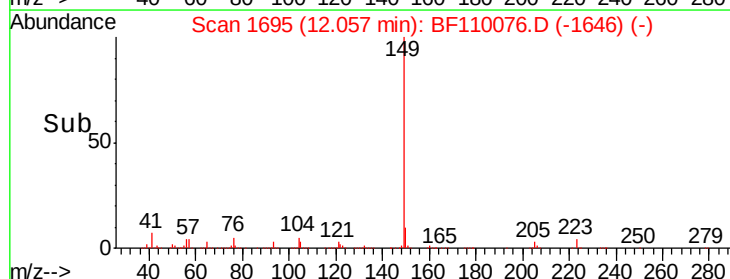
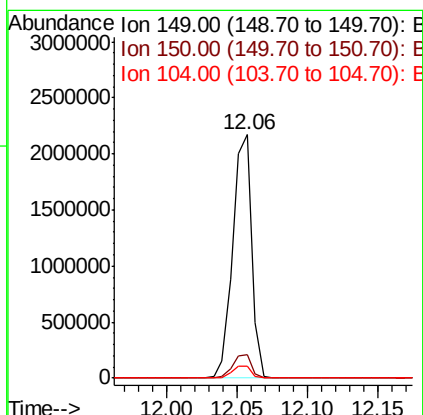
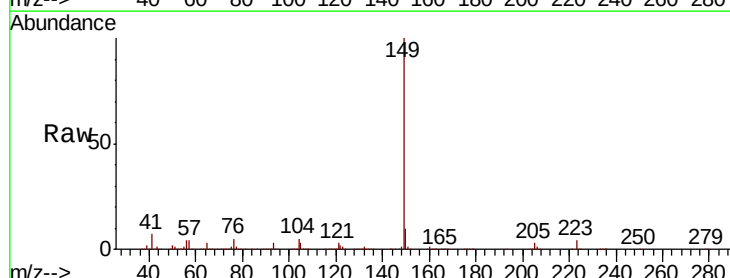
Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.4	26.0
139	13.7	10.9	16.3

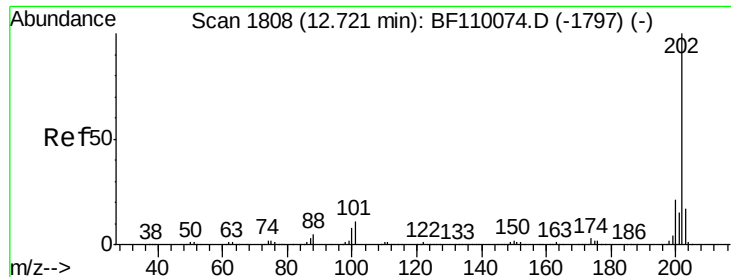


#74
 Di-n-butylphthalate
 Concen: 55.984 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BF110076.D
 Acq: 23 Oct 2018 13:34

Tgt Ion:149 Resp: 2026166

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.0	4.2	6.4



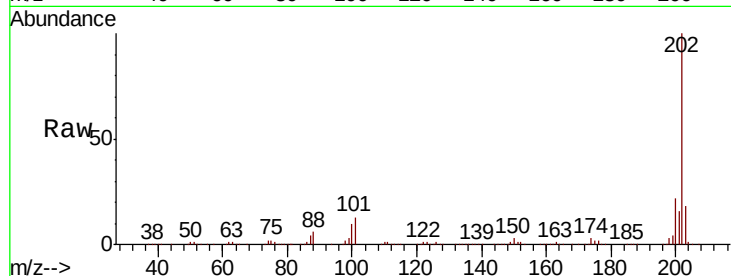


#75
 Fluoranthene
 Concen: 55.956 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF110076.D
 Acq: 23 Oct 2018 13:34

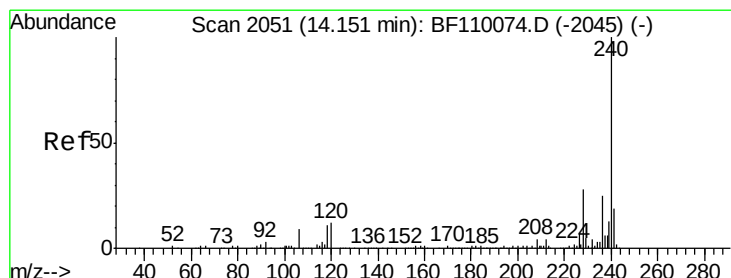
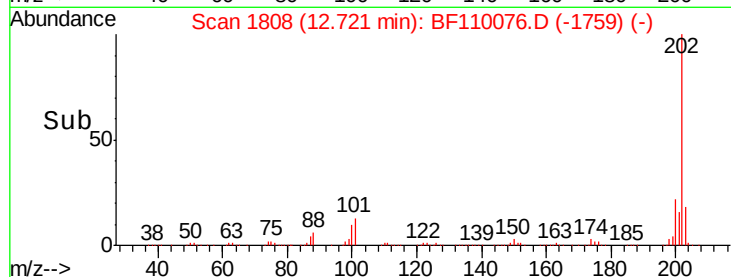
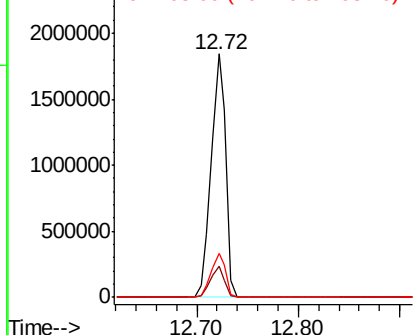
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1834673

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.4
203	18.1	0.0	37.7



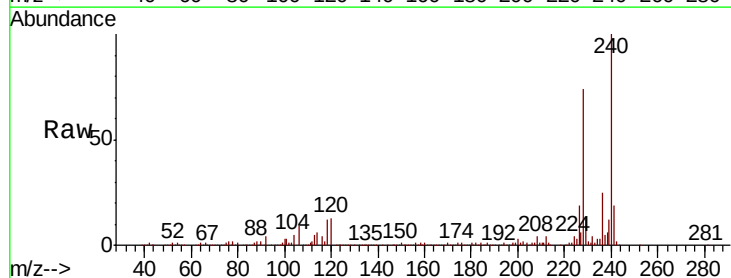
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



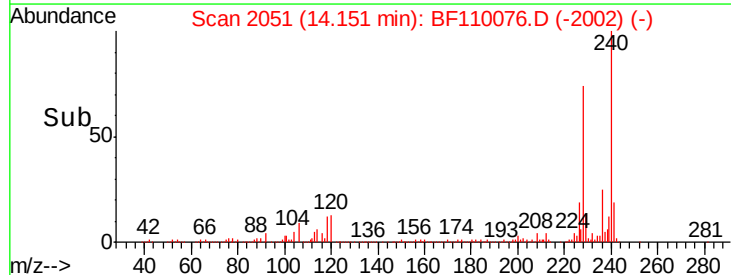
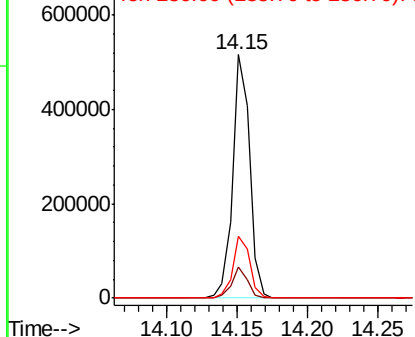
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110076.D
 Acq: 23 Oct 2018 13:34

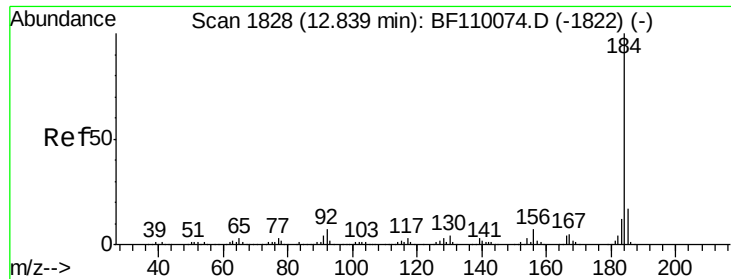
Tgt Ion:240 Resp: 430822

Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.3	12.5#
236	25.4	21.2	31.8



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





#77

Benzidine

Concen: 36.285 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

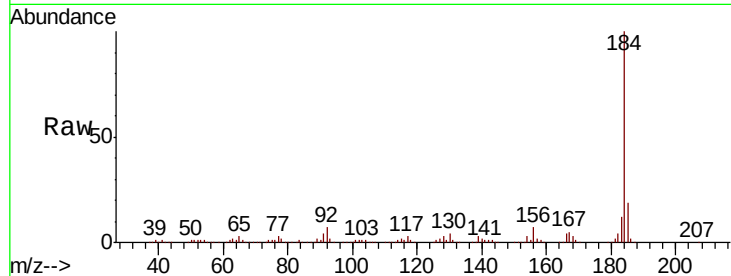
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 599371

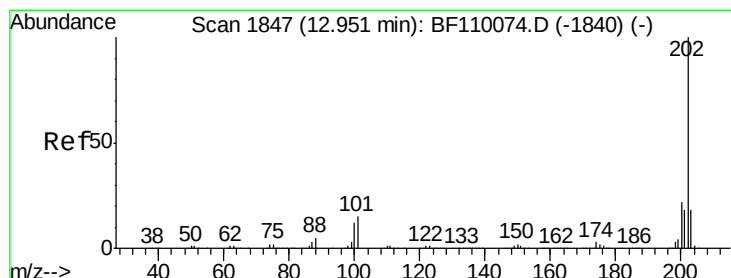
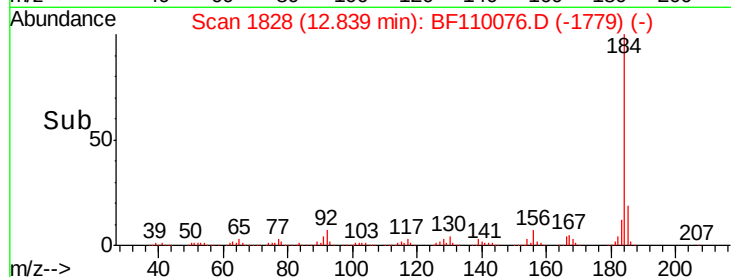
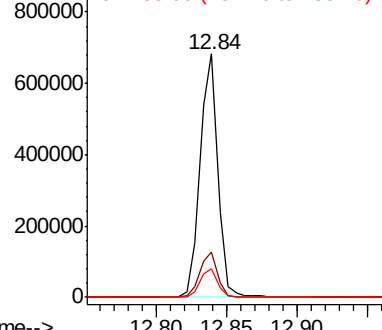
Ion	Ratio	Lower	Upper
184	100		
185	18.5	13.4	20.2
183	11.9	9.4	14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 58.420 ng

RT: 12.96 min Scan# 1848

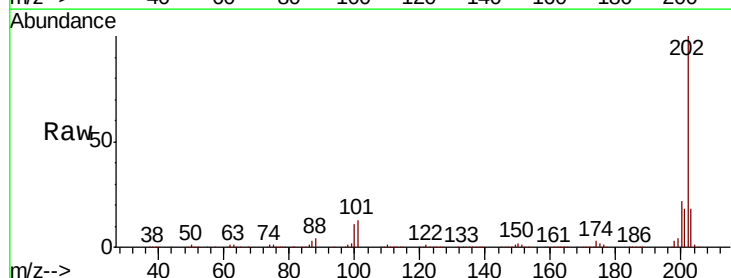
Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

Tgt Ion:202 Resp: 1848573

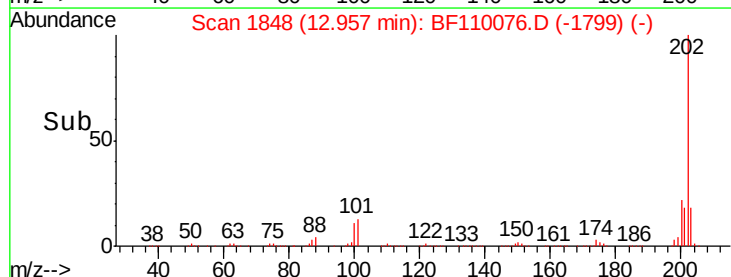
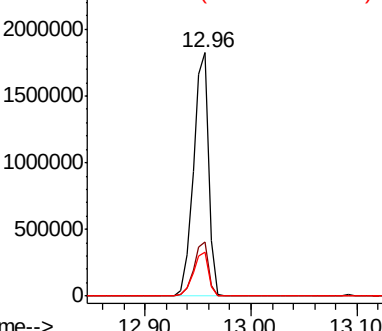
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.8	26.6
203	18.2	14.2	21.4

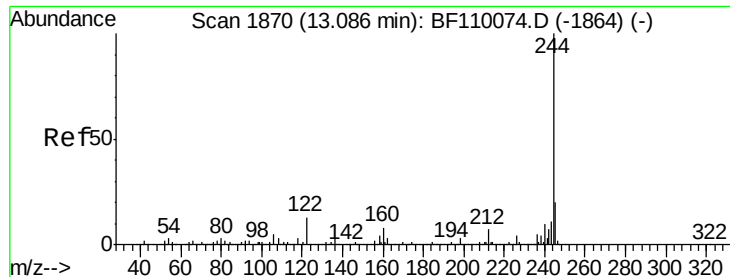


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 115.527 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

Instrument :

BNA_F

ClientSampleId :

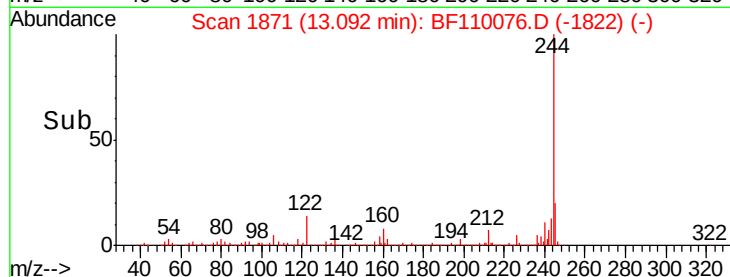
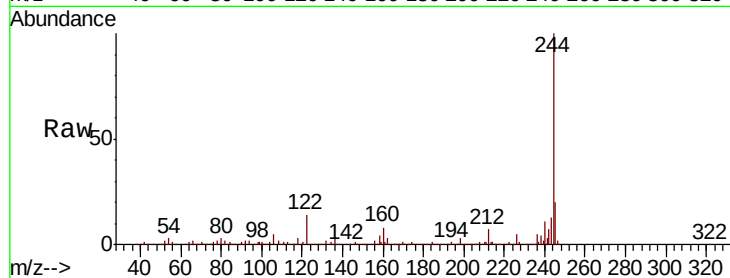
Tot Ion:244 Resp: 2370154

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

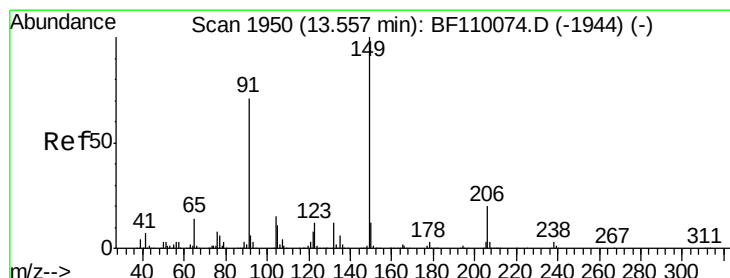
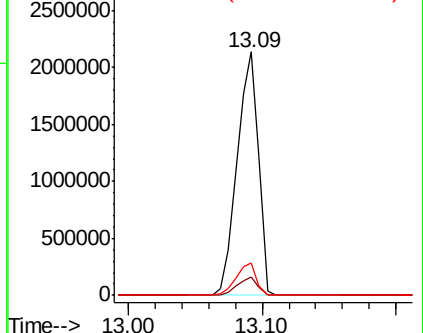
122 13.6 8.7 13.1#



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: 64.988 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

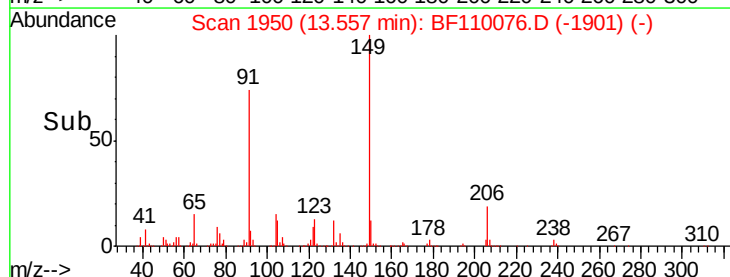
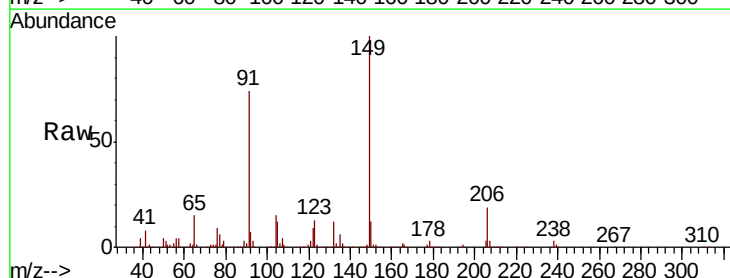
Tgt Ion:149 Resp: 831367

Ion Ratio Lower Upper

149 100

91 73.5 57.2 85.8

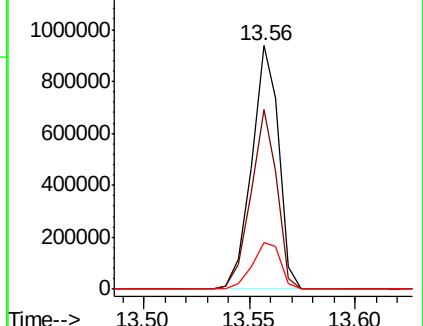
206 19.3 15.7 23.5

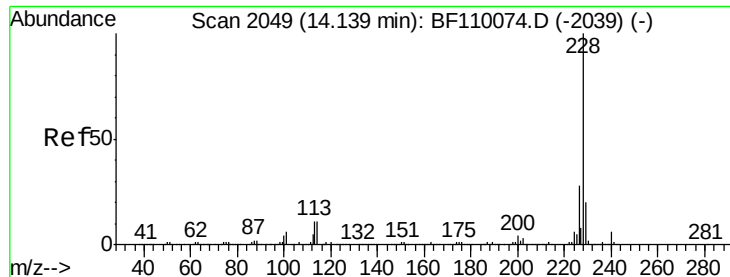


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

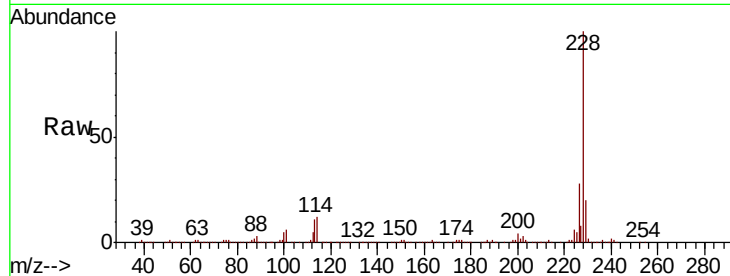




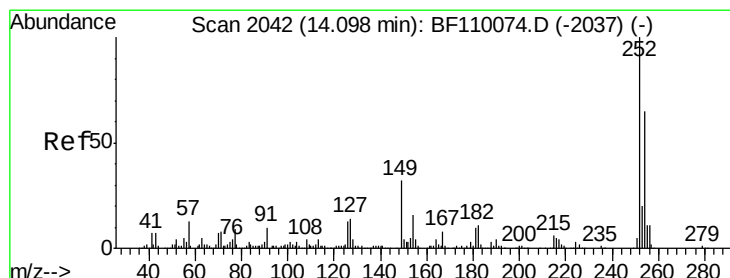
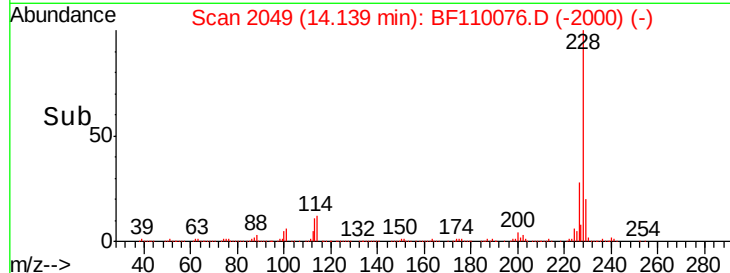
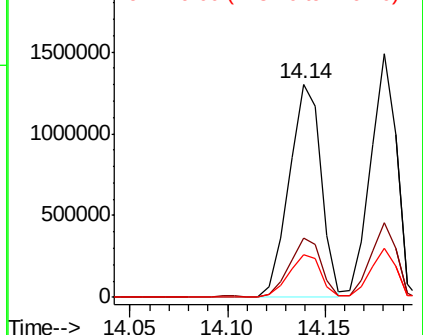
#81
Benzo(a)anthracene
Concen: 58.084 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1473981
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 20.1 15.6 23.4

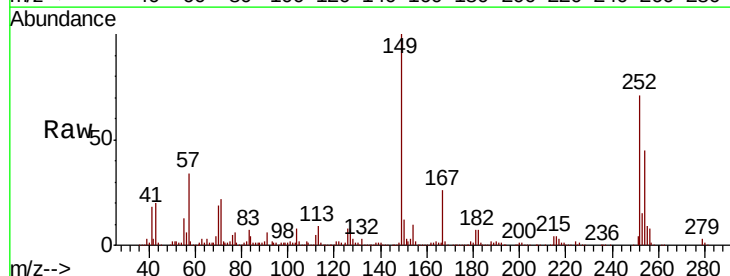


Abundance Ion 228.00 (227.70 to 228.70): E
2000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

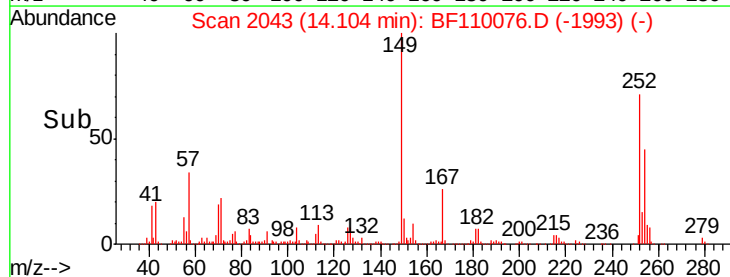
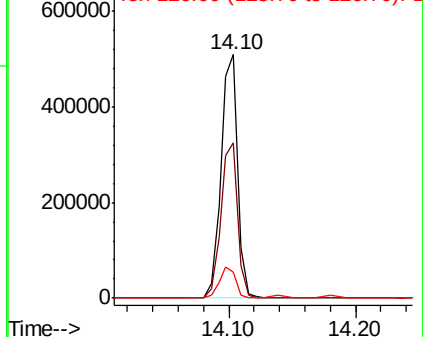


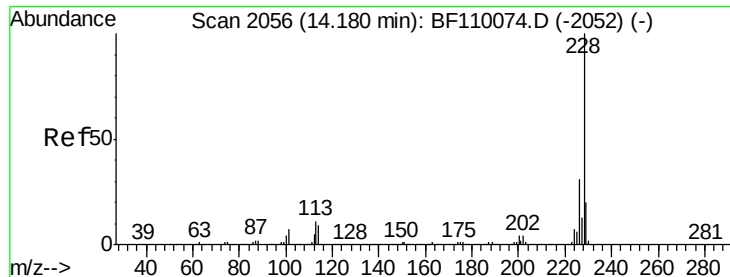
#82
3,3'-Dichlorobenzidine
Concen: 52.546 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion:252 Resp: 467473
Ion Ratio Lower Upper
252 100
254 64.0 51.3 76.9
126 10.6 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
600000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 56.944 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

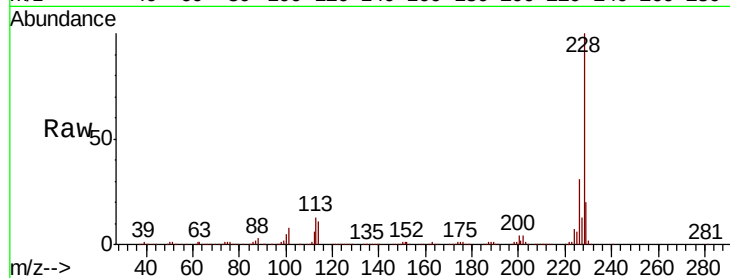
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1375467

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	20.4	15.9	23.9

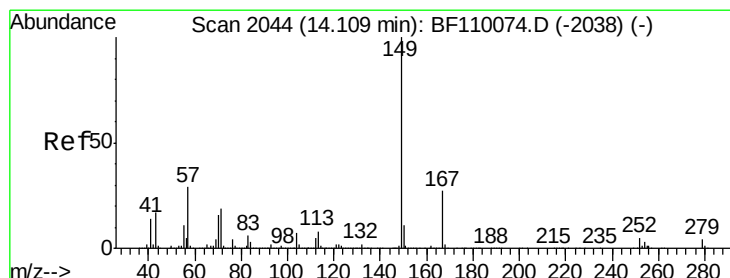
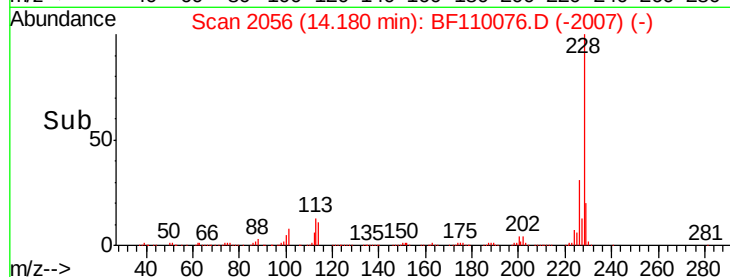
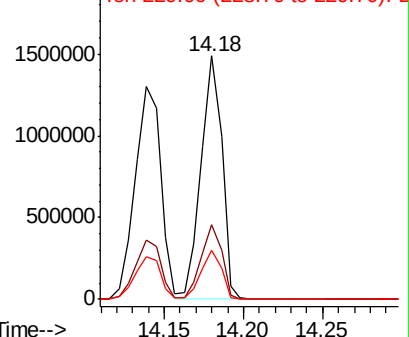


Abundance

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: 63.170 ng

RT: 14.11 min Scan# 2044

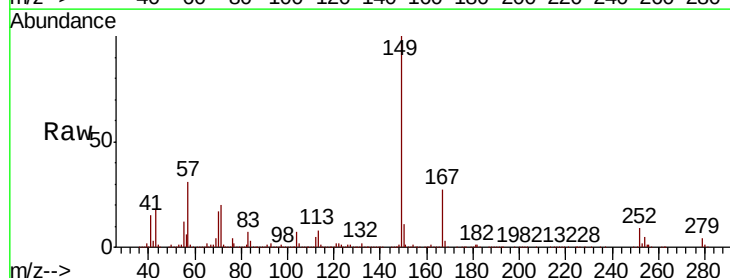
Delta R.T. -0.02 min

Lab File: BF110076.D

Acq: 23 Oct 2018 13:34

Tgt Ion:149 Resp: 1063346

Ion	Ratio	Lower	Upper
149	100		
167	27.3	19.8	29.8
279	3.6	2.7	4.1

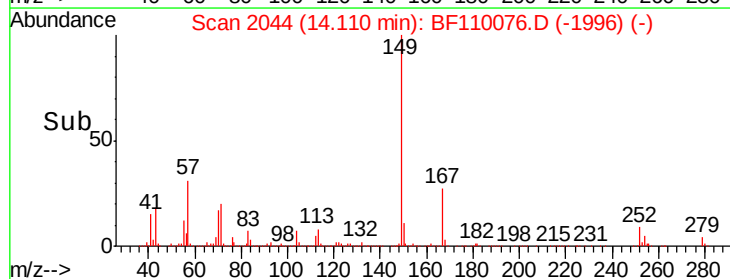
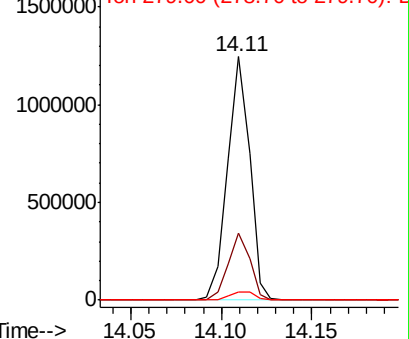


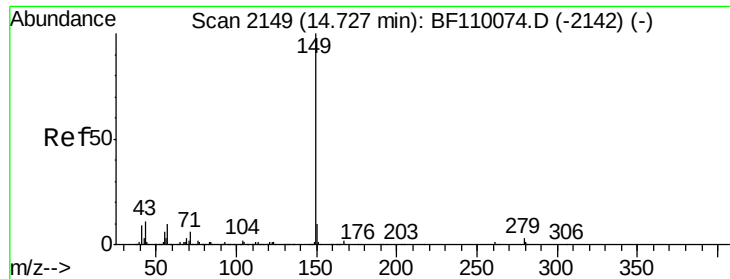
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

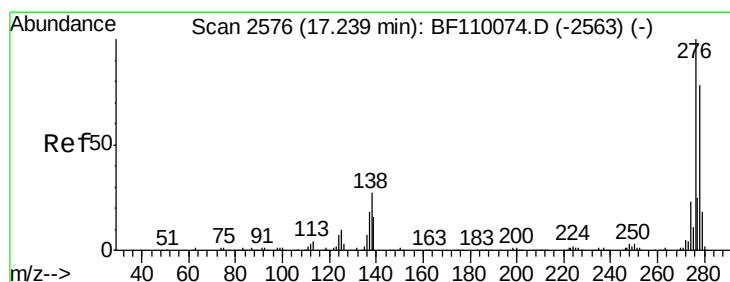
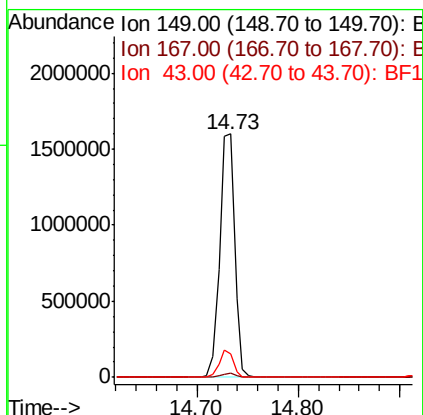
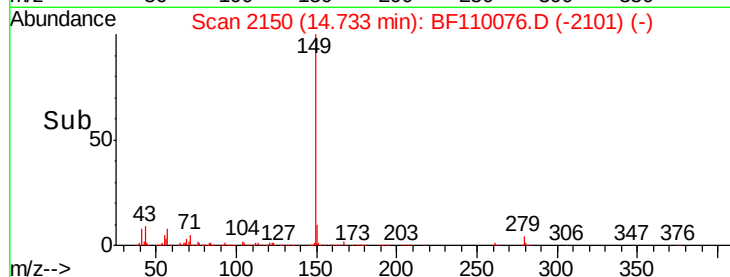
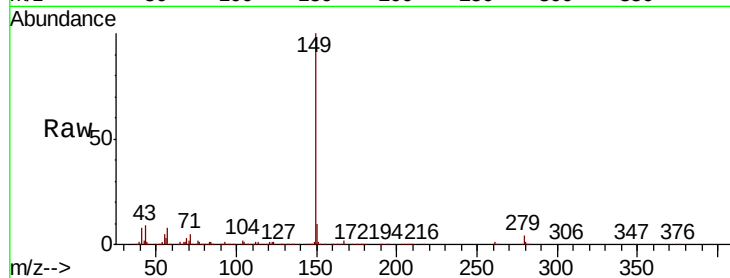




#85
Di-n-octyl phthalate
Concen: 68.877 ng
RT: 14.73 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

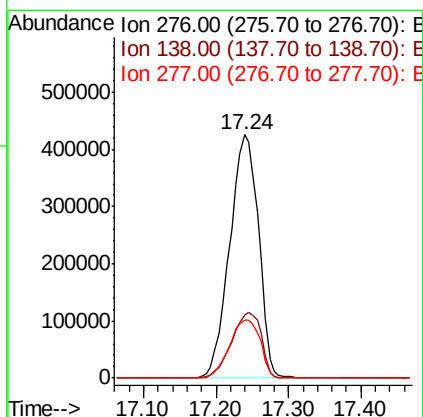
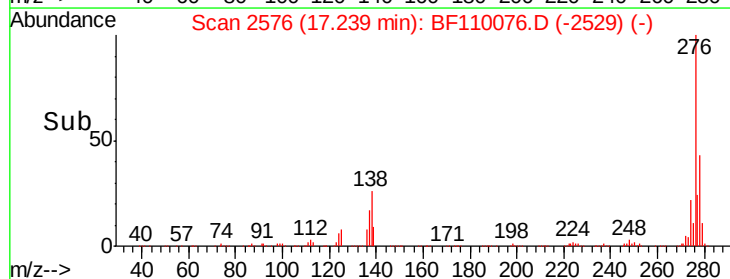
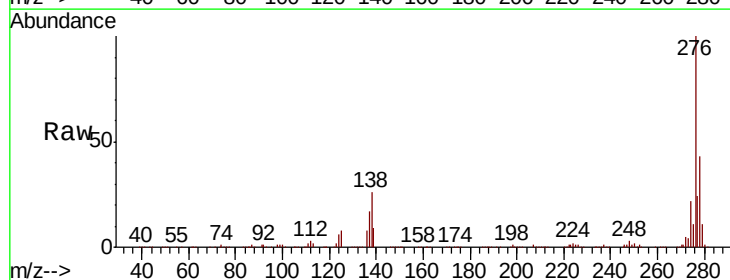
Instrument :
BNA_F
ClientSampleId :

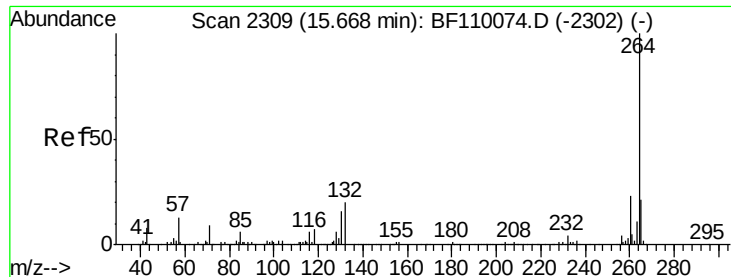
Tot Ion:149 Resp: 1634596
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.4 7.8 11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 60.618 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion:276 Resp: 1178913
Ion Ratio Lower Upper
276 100
138 27.9 18.5 27.7#
277 25.4 20.0 30.0

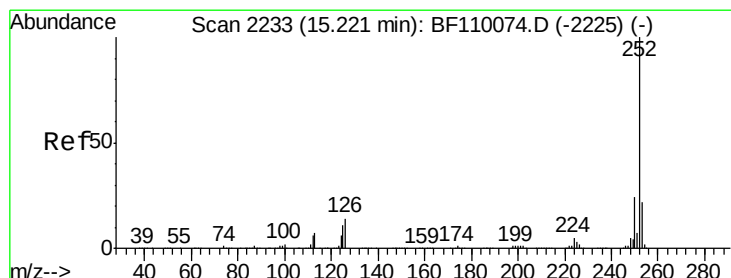
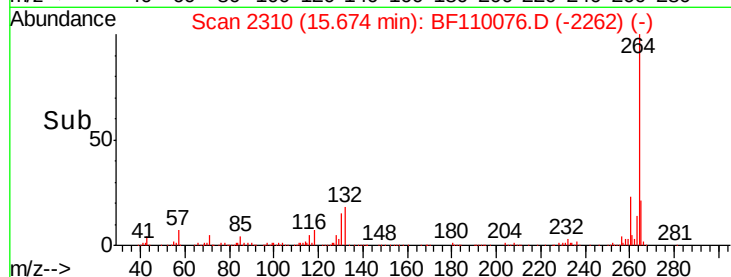
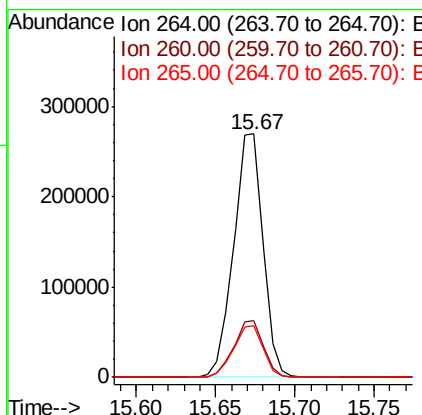
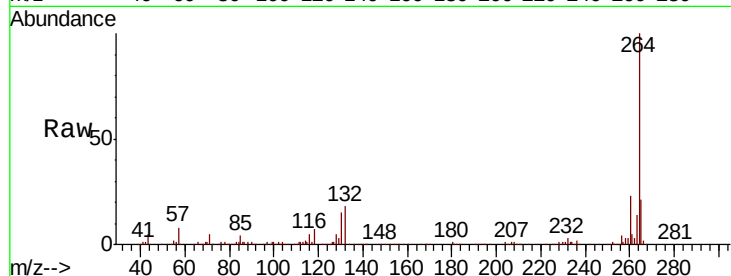




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

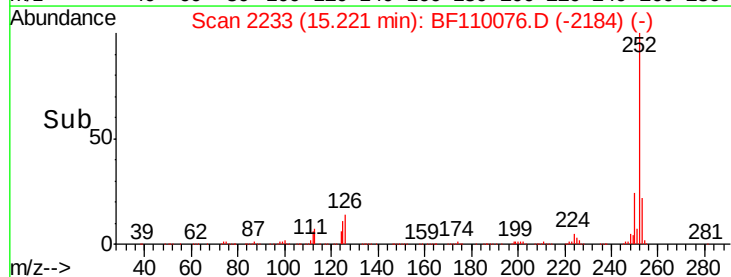
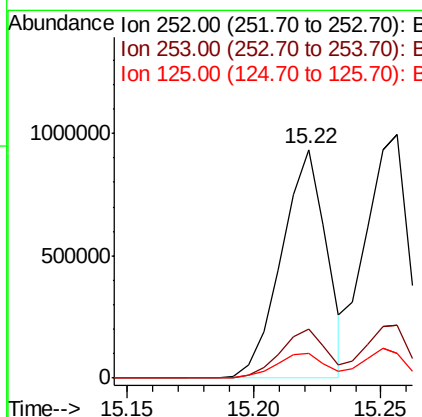
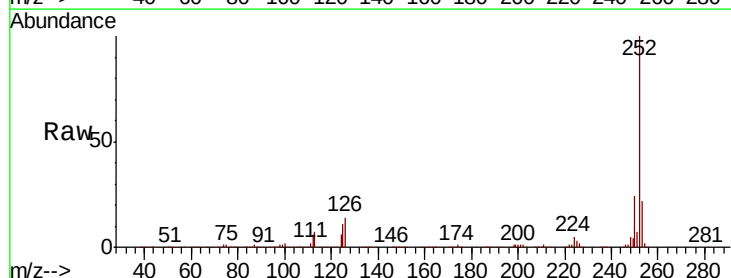
Instrument :
BNA_F
ClientSampleId :

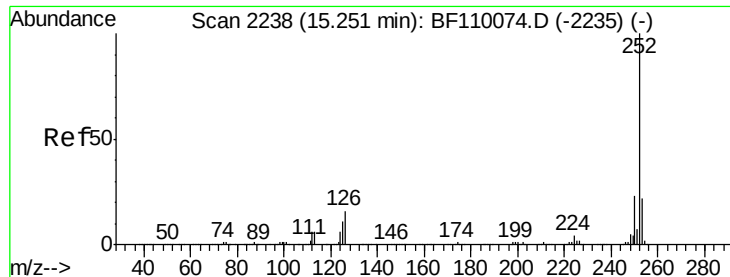
Tot Ion:264 Resp: 347697
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.2 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 57.638 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion:252 Resp: 1155386
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 11.0 8.2 12.4

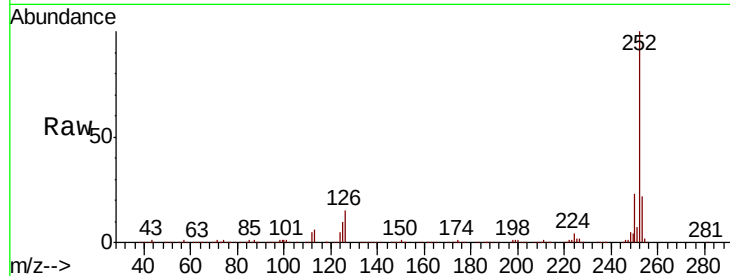




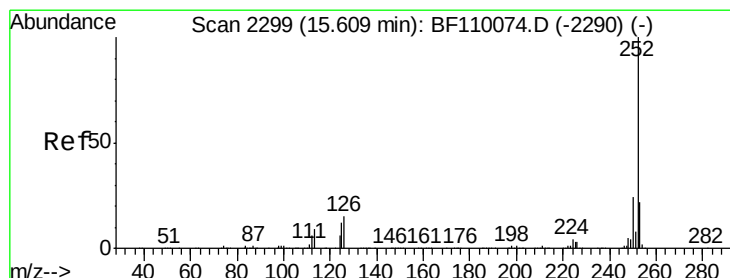
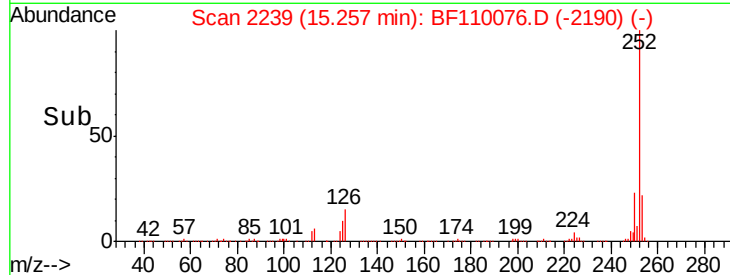
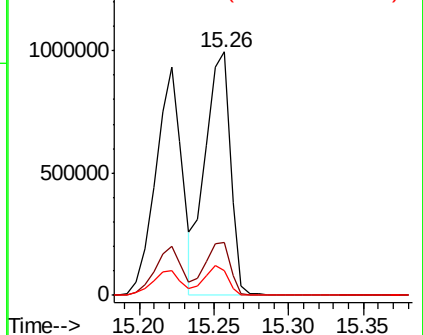
#89
Benzo(k)fluoranthene
Concen: 58.810 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1161959
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 10.2 7.4 11.0

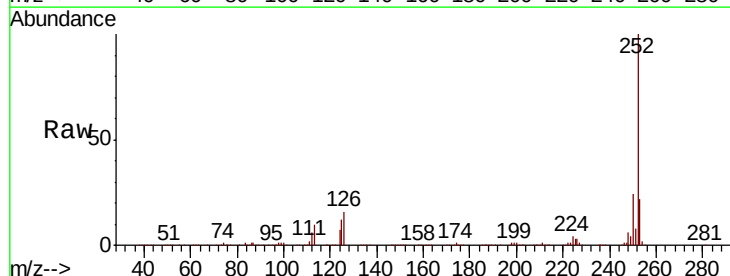


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

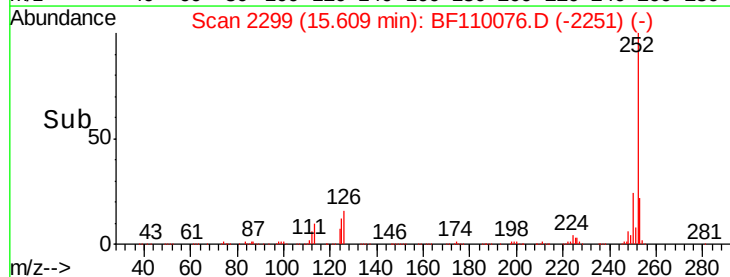
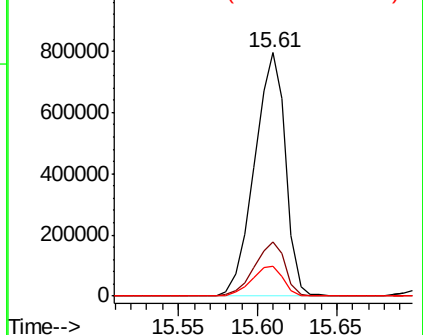


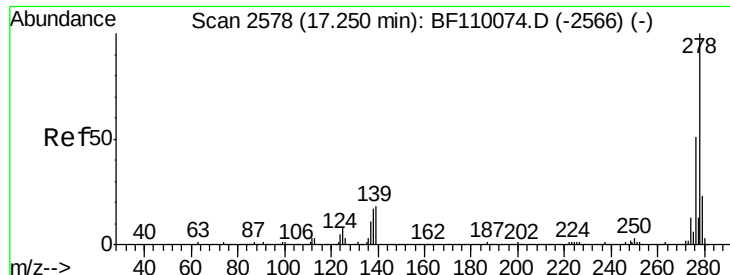
#90
Benzo(a)pyrene
Concen: 58.720 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion:252 Resp: 1082580
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 12.4 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

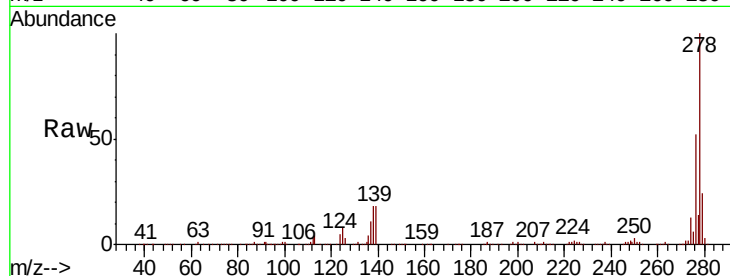




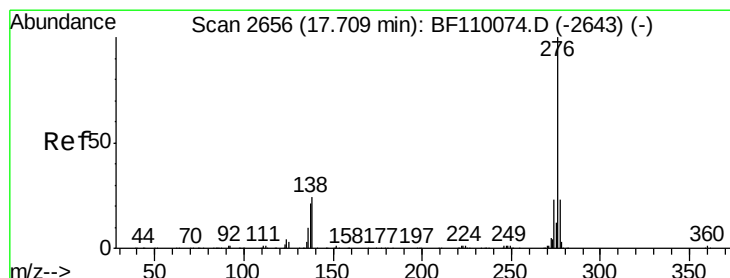
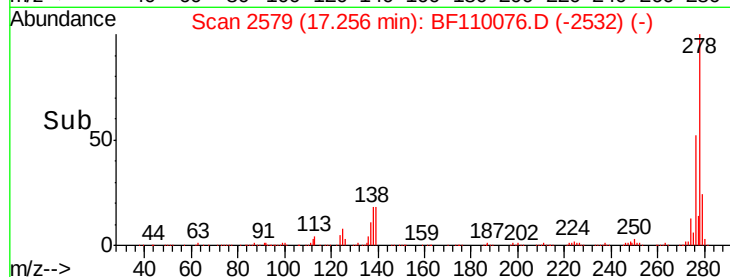
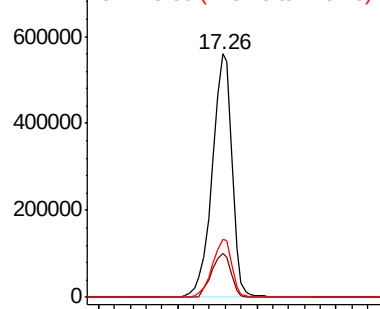
#91
Dibenzo(a,h)anthracene
Concen: 59.277 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.02 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 968502
Ion Ratio Lower Upper
278 100
139 18.1 12.7 19.1
279 23.6 19.0 28.4

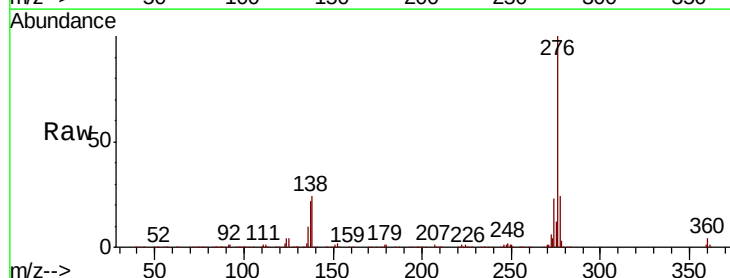


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 59.229 ng
RT: 17.72 min Scan# 2657
Delta R.T. -0.02 min
Lab File: BF110076.D
Acq: 23 Oct 2018 13:34

Tgt Ion:276 Resp: 977746
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 24.3 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

