

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103989.D
 Acq On : 27 Mar 2018 23:51
 Operator : JU/SJ
 Sample : J2075-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 04:00:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	136055	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	544304	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	240587	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	377089	20.00	ng	0.00
75) Chrysene-d12	14.16	240	247435	20.00	ng	0.00
86) Perylene-d12	15.70	264	220078	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1040077	116.27	ng	0.02
7) Phenol-d6	6.62	99	1233734	112.73	ng	0.02
23) Nitrobenzene-d5	7.54	82	740105	94.82	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	269740	130.40	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1287809	85.38	ng	0.00
78) Terphenyl-d14	13.09	244	987342	92.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	117131	26.593	ng	# 88
3) Pyridine	3.68	79	293625	24.237	ng	87
4) n-Nitrosodimethylamine	3.63	42	114430	25.617	ng	# 74
6) Aniline	6.65	93	388131	24.838	ng	95
8) 2-Chlorophenol	6.76	128	347478	37.082	ng	96
9) Benzaldehyde	6.53	77	73405	10.210	ng	95
10) Phenol	6.63	94	444064	38.186	ng	97
11) bis(2-Chloroethyl)ether	6.71	93	342657	35.694	ng	92
12) 1,3-Dichlorobenzene	6.92	146	364386	34.142	ng	98
13) 1,4-Dichlorobenzene	6.99	146	374869	34.955	ng	99
14) 1,2-Dichlorobenzene	7.15	146	344463	34.614	ng	98
15) Benzyl Alcohol	7.12	79	274286	32.348	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	399035	29.225	ng	73
17) 2-Methylphenol	7.23	107	283927	34.025	ng	95
18) Hexachloroethane	7.48	117	104926	27.814	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	222836	31.772	ng	92
20) 3+4-Methylphenols	7.37	107	351230	33.166	ng	# 80
22) Acetophenone	7.39	105	457636	32.714	ng	96
24) Nitrobenzene	7.56	77	336820	36.757	ng	96
25) Isophorone	7.79	82	631359	34.942	ng	99
26) 2-Nitrophenol	7.87	139	139993	41.699	ng	96
27) 2,4-Dimethylphenol	7.90	122	314188	40.590	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	415728	37.997	ng	99
29) 2,4-Dichlorophenol	8.12	162	289146	41.059	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	293351	35.915	ng	98
31) Naphthalene	8.28	128	1008259	36.670	ng	100
32) Benzoic acid	7.99	122	58354	18.385	ng	93
33) 4-Chloroaniline	8.33	127	312664	27.105	ng	97
34) Hexachlorobutadiene	8.39	225	154357	34.468	ng	99
35) Caprolactam	8.69	113	88937	36.676	ng	# 78
36) 4-Chloro-3-methylphenol	8.81	107	299991	38.641	ng	97
37) 2-Methylnaphthalene	8.97	142	654186	37.518	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	268498	39.119	ng	98
40) Hexachlorocyclopentadiene	9.11	237	38907	10.985	ng	97

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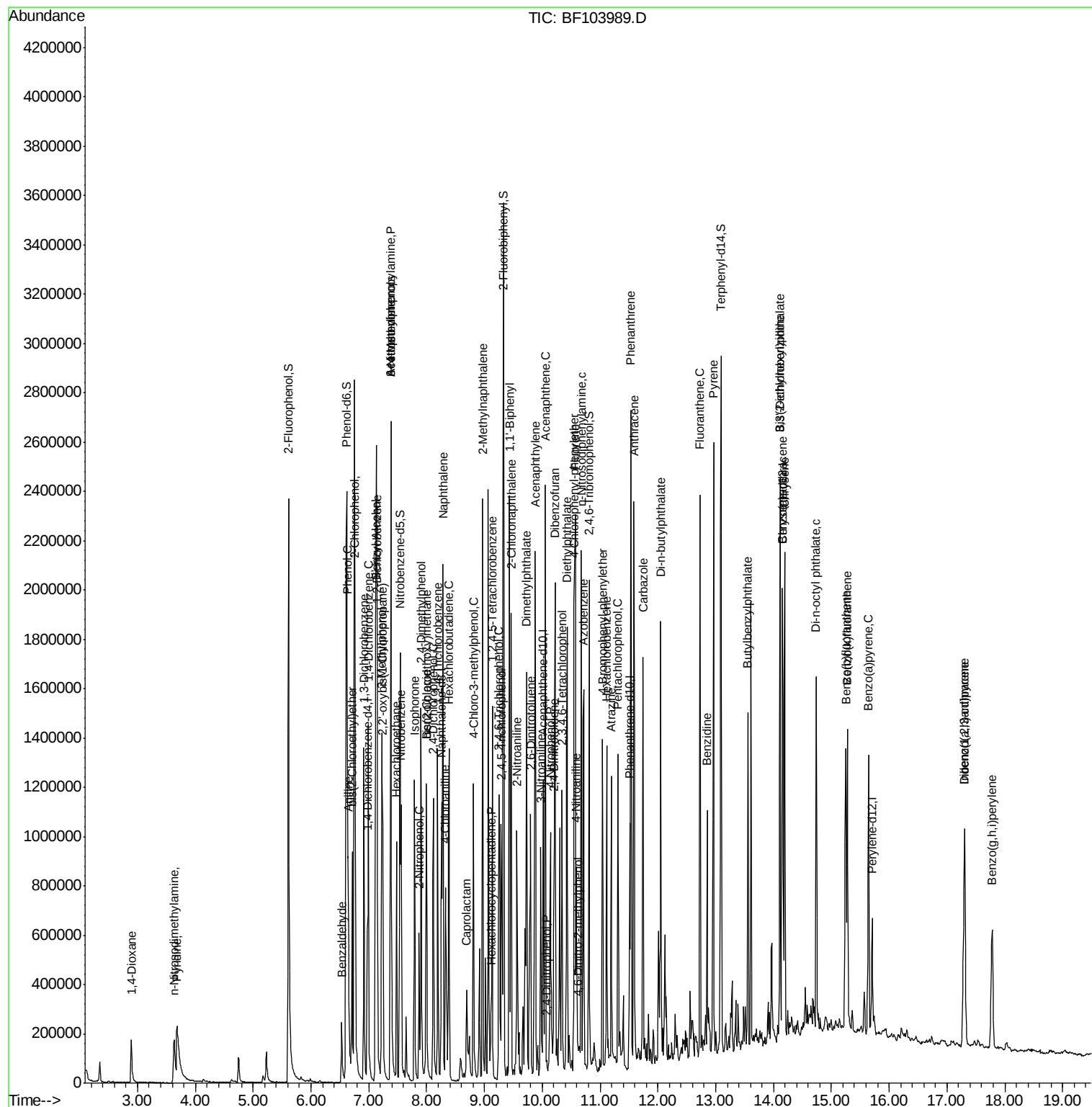
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	181950	41.445	nq	97
43) 2,4,5-Trichlorophenol	9.30	196	194642	39.281	nq	94
45) 1,1'-Biphenyl	9.43	154	763676	38.067	nq	99
46) 2-Chloronaphthalene	9.46	162	579670	36.379	nq	98
47) 2-Nitroaniline	9.56	65	188853	45.689	nq	94
48) Acenaphthylene	9.88	152	961022	38.894	nq	100
49) Dimethylphthalate	9.73	163	825534	44.975	nq	100
50) 2,6-Dinitrotoluene	9.80	165	138357	39.715	nq	92
51) Acenaphthene	10.05	154	520734	35.493	nq	99
52) 3-Nitroaniline	9.97	138	170842	40.770	nq	98
53) 2,4-Dinitrophenol	10.08	184	6509	17.983	nq	# 46
54) Dibenzofuran	10.22	168	775809	37.025	nq	100
55) 4-Nitrophenol	10.14	139	208972	63.290	nq	93
56) 2,4-Dinitrotoluene	10.20	165	174345	39.953	nq	# 93
57) Fluorene	10.57	166	676551	41.609	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	142508	40.588	nq	92
59) Diethylphthalate	10.43	149	663876	36.440	nq	98
60) 4-Chlorophenyl-phenylether	10.55	204	280575	37.758	nq	97
61) 4-Nitroaniline	10.59	138	170754	42.184	nq	94
62) Azobenzene	10.72	77	577022	31.153	nq	90
64) 4,6-Dinitro-2-methylphenol	10.62	198	6880	13.390	nq	92
65) n-Nitrosodiphenylamine	10.67	169	532678	41.501	nq	100
66) 4-Bromophenyl-phenylether	11.05	248	165490	42.743	nq	89
67) Hexachlorobenzene	11.12	284	171234	38.750	nq	# 87
68) Atrazine	11.20	200	147875	37.243	nq	99
69) Pentachlorophenol	11.31	266	149528	58.857	nq	97
70) Phenanthrene	11.53	178	1115572	54.081	nq	99
71) Anthracene	11.59	178	876740	41.848	nq	99
72) Carbazole	11.75	167	712110	34.971	nq	99
73) Di-n-butylphthalate	12.05	149	946864	38.753	nq	99
74) Fluoranthene	12.73	202	974441	45.854	nq	99
76) Benzidine	12.85	184	433711	41.098	nq	98
77) Pyrene	12.96	202	1048140	57.681	nq	100
79) Butylbenzylphthalate	13.56	149	343313	42.643	nq	91
80) Benzo(a)anthracene	14.15	228	745114	47.573	nq	97
81) 3,3'-Dichlorobenzidine	14.11	252	203134	38.773	nq	97
82) Chrysene	14.19	228	702653	47.062	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	447645	38.921	nq	98
84) Di-n-octyl phthalate	14.74	149	753749	45.047	nq	# 95
85) Indeno(1,2,3-cd)pyrene	17.30	276	516209	39.591	nq	96
87) Benzo(b)fluoranthene	15.25	252	645911	46.455	nq	99
88) Benzo(k)fluoranthene	15.28	252	547500	40.964	nq	98
89) Benzo(a)pyrene	15.64	252	598043	47.422	nq	99
90) Dibenzo(a,h)anthracene	17.31	278	403290	36.932	nq	98
91) Benzo(g,h,i)perylene	17.79	276	425451	40.049	nq	96

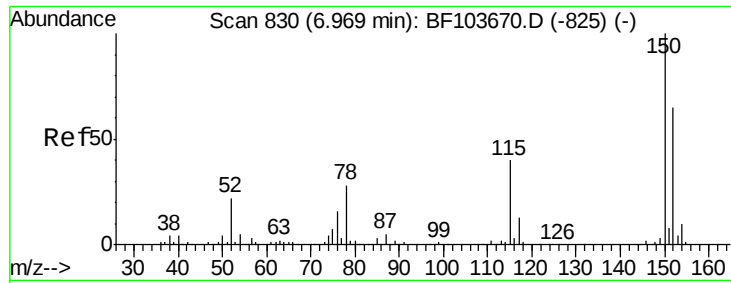
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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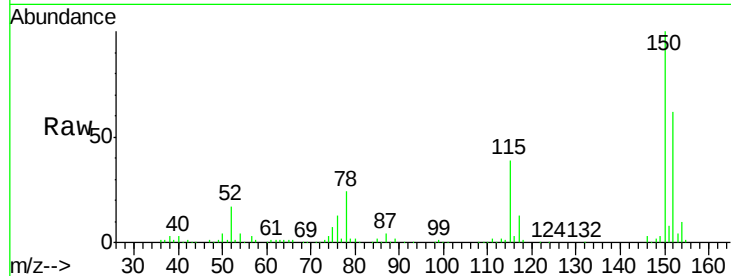


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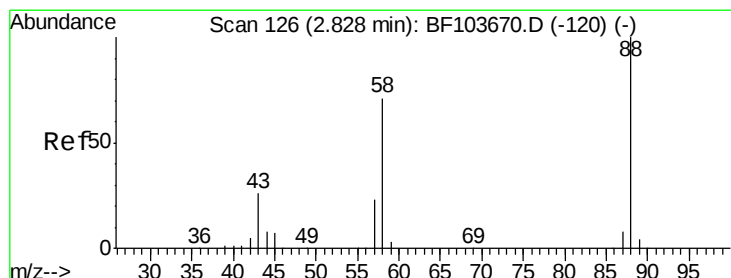
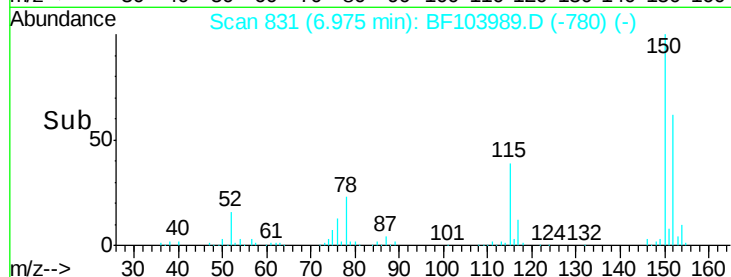
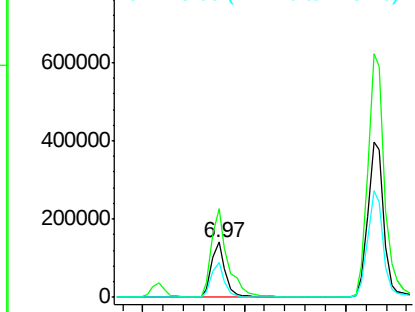
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136055
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 62.8 50.1 75.1



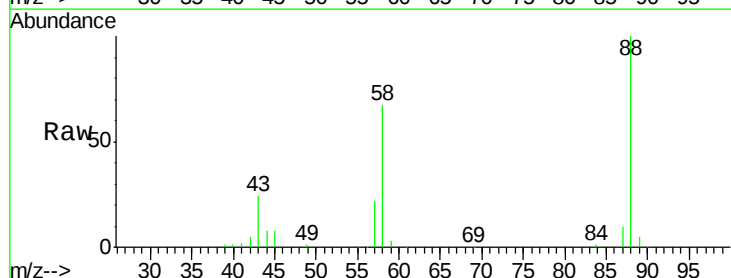
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



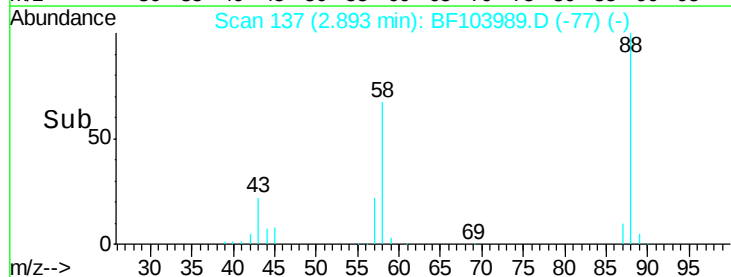
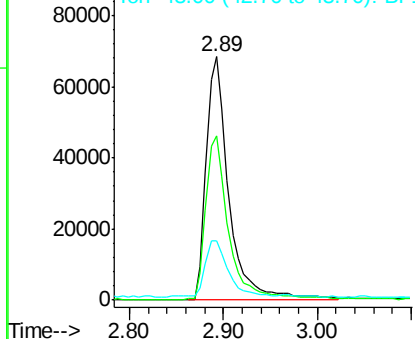
#2

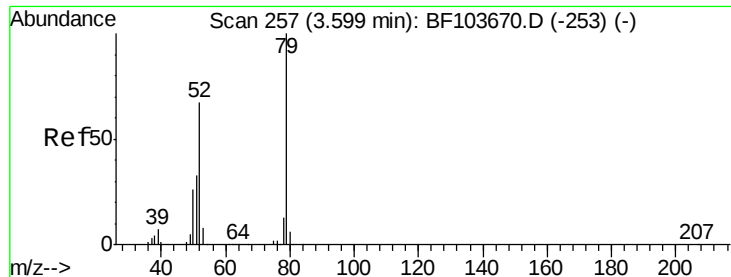
1,4-Dioxane
Concen: 26.593 ng
RT: 2.89 min Scan# 137
Delta R.T. 0.05 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion: 88 Resp: 117131
Ion Ratio Lower Upper
88 100
58 68.7 62.6 93.8
43 22.4 24.6 37.0#



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: 24.237 ng

RT: 3.68 min Scan# 271

Delta R.T. 0.06 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

ClientSampled :

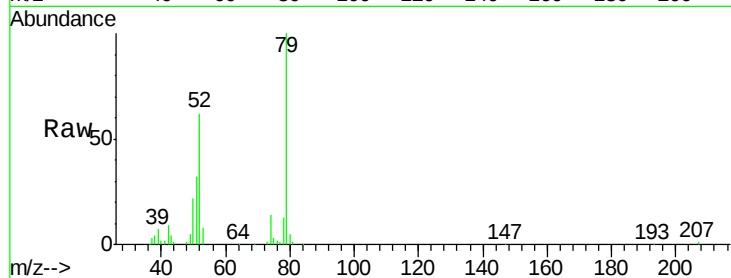
Tot Ion: 79 Resp: 293625

Ion Ratio Lower Upper

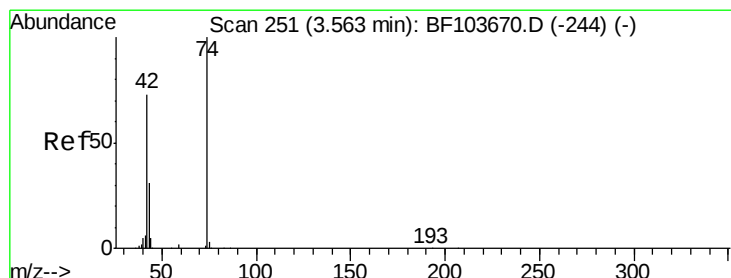
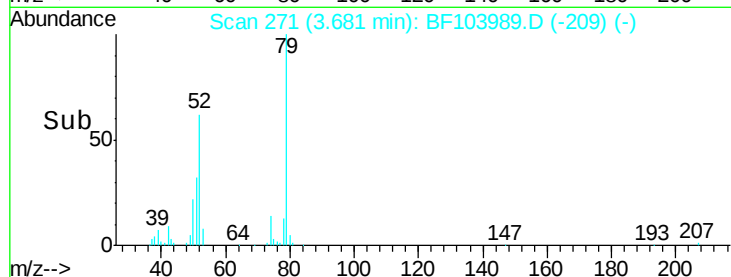
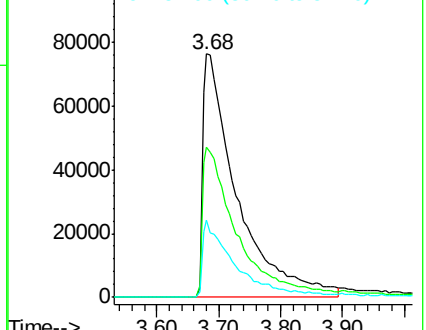
79 100

52 61.7 59.8 89.6

51 31.7 29.8 44.8



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: 25.617 ng

RT: 3.63 min Scan# 263

Delta R.T. 0.05 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

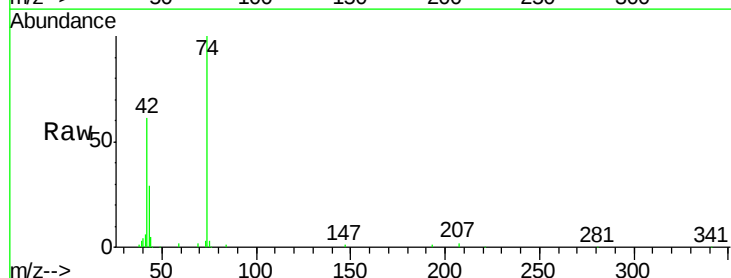
Tgt Ion: 42 Resp: 114430

Ion Ratio Lower Upper

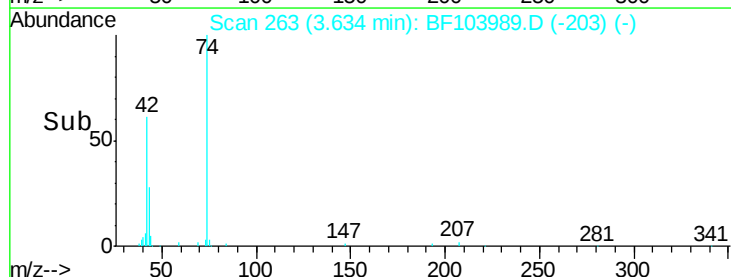
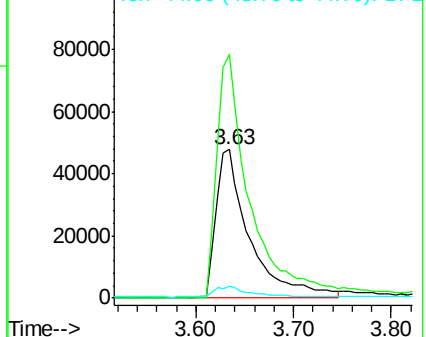
42 100

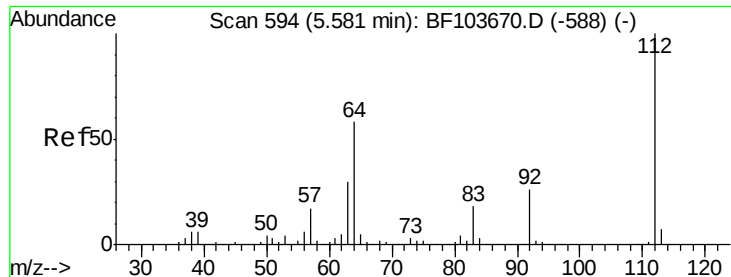
74 163.9 104.9 157.3#

44 8.2 6.9 10.3



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: 116.273 ng

RT: 5.61 min Scan# 599

Delta R.T. 0.02 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

ClientSampled :

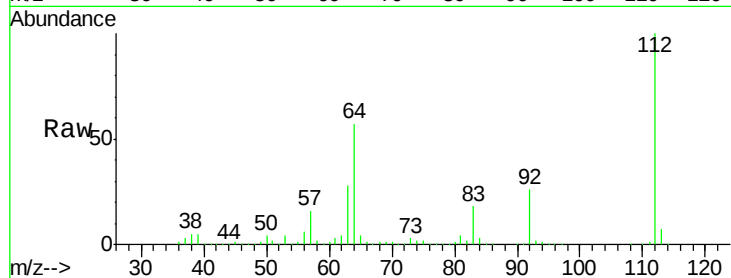
Tot Ion:112 Resp: 1040077

Ion Ratio Lower Upper

112 100

64 56.5 47.9 71.9

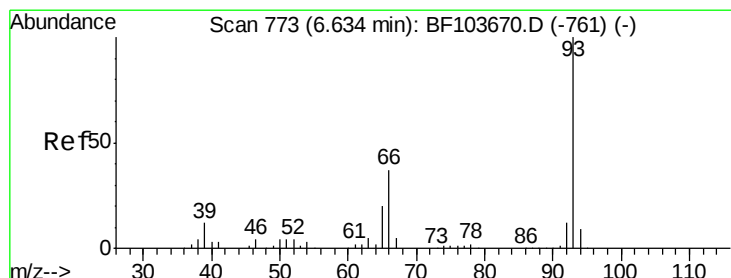
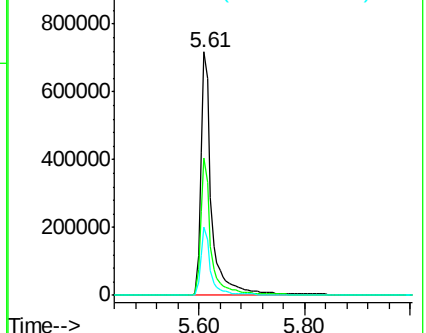
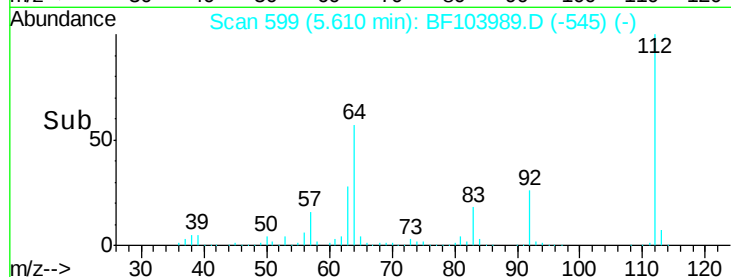
63 28.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.838 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF103989.D

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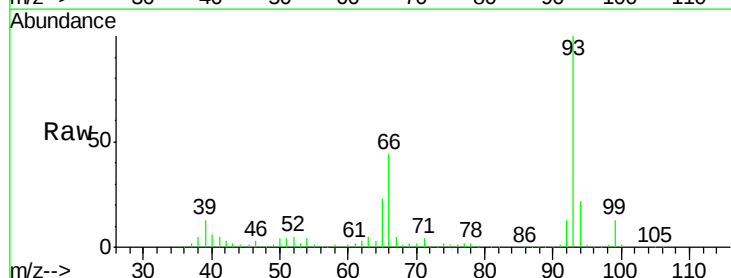
Tgt Ion: 93 Resp: 388131

Ion Ratio Lower Upper

93 100

66 43.7 32.2 48.2

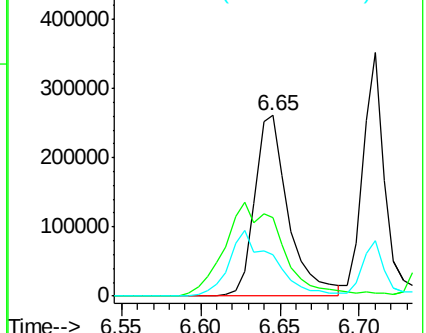
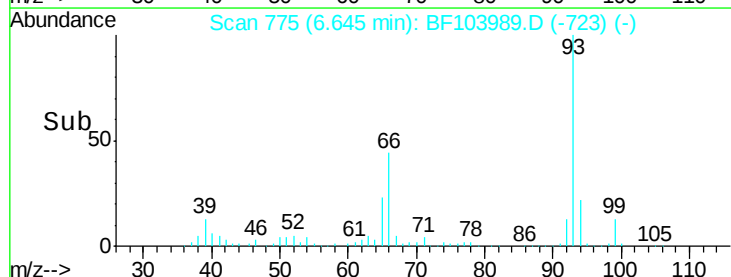
65 22.8 16.4 24.6



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: 112.734 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.02 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

ClientSampled :

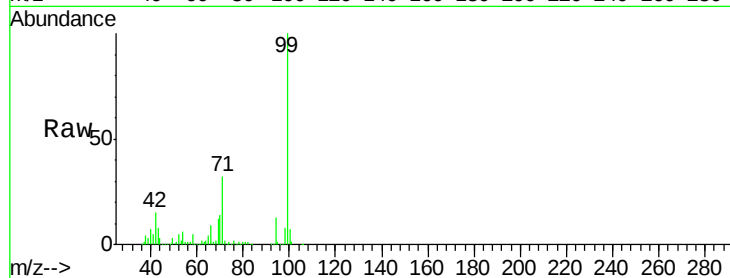
Tot Ion: 99 Resp: 1233734

Ion Ratio Lower Upper

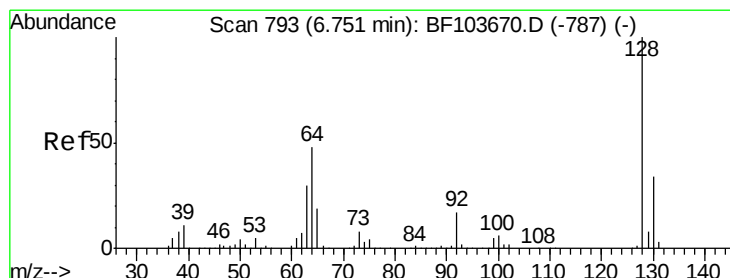
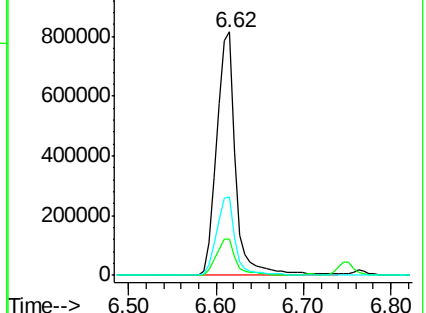
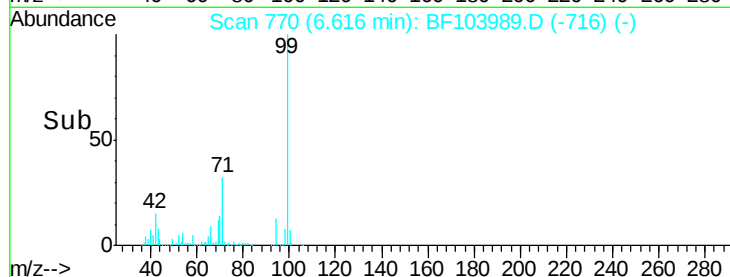
99 100

42 14.8 14.5 21.7

71 32.1 25.4 38.0



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: 37.082 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

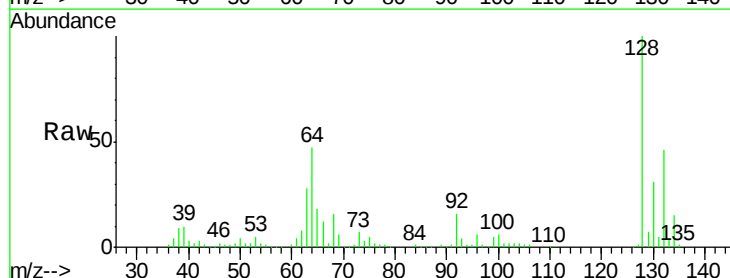
Tgt Ion: 128 Resp: 347478

Ion Ratio Lower Upper

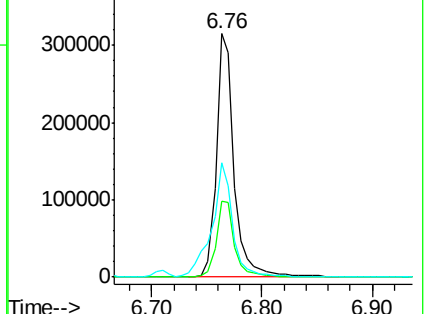
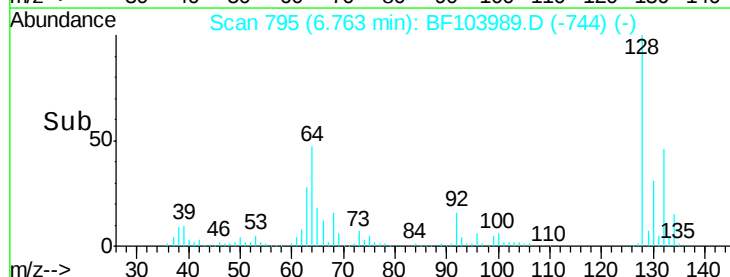
128 100

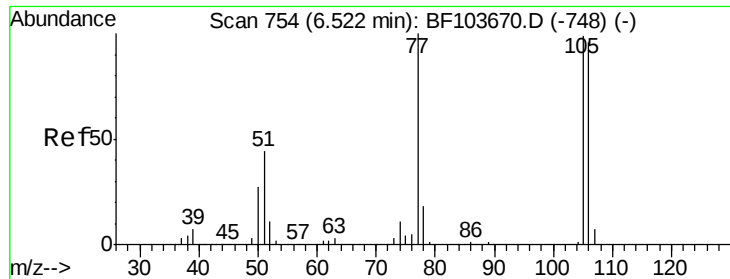
130 31.3 13.0 53.0

64 46.7 29.4 69.4



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: 10.210 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103989.D

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BNA_F

ClientSampleId :

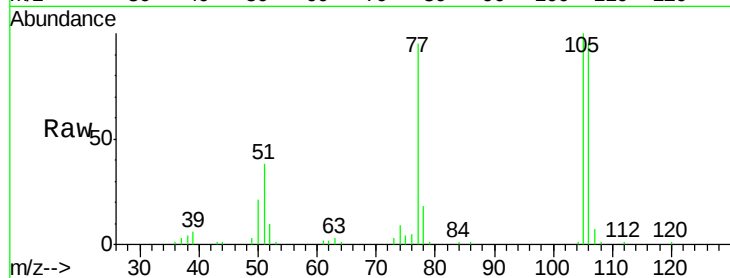
Tot Ion: 77 Resp: 73405

Ion Ratio Lower Upper

77 100

105 105.5 81.1 121.1

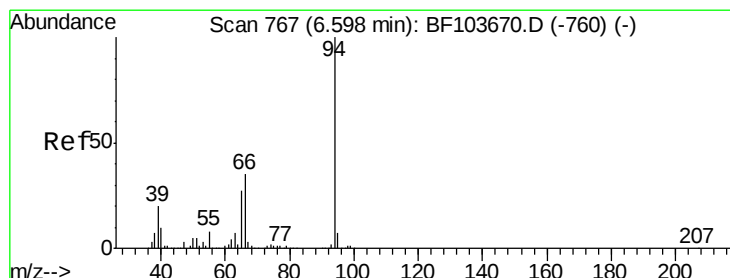
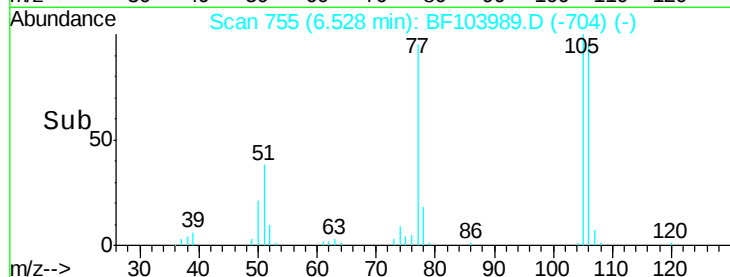
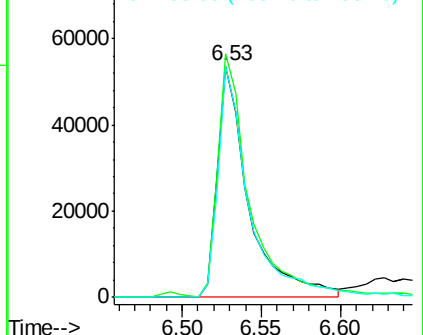
106 100.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.186 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.02 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

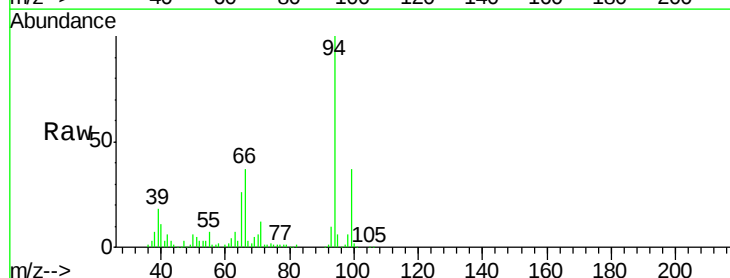
Tgt Ion: 94 Resp: 444064

Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

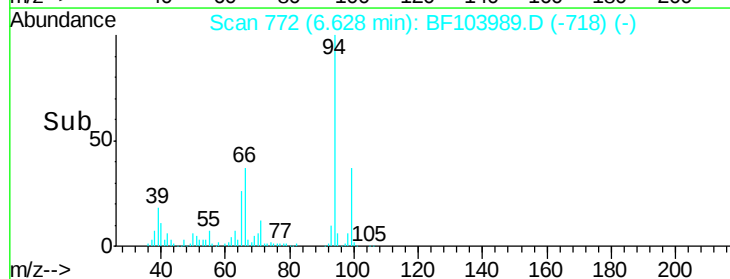
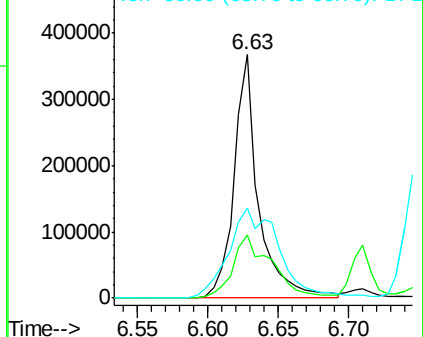
66 37.2 16.2 56.2

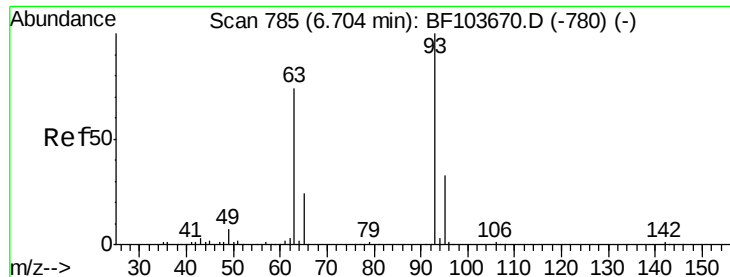


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 35.694 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

ClientSampleId :

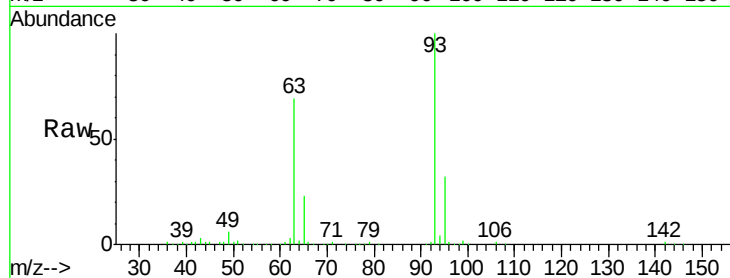
Tot Ion: 93 Resp: 342657

Ion Ratio Lower Upper

93 100

63 69.4 58.6 98.6

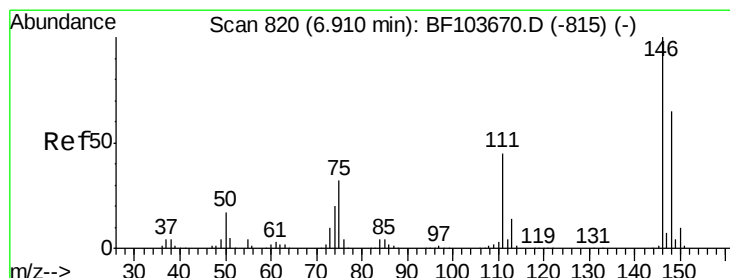
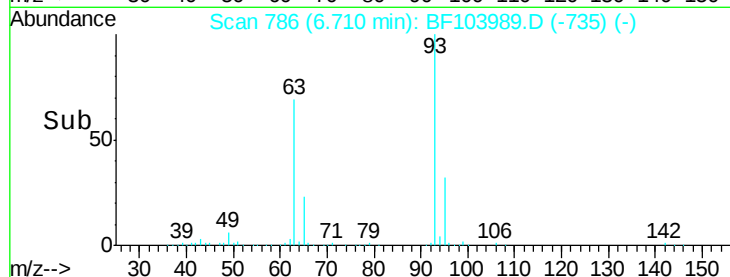
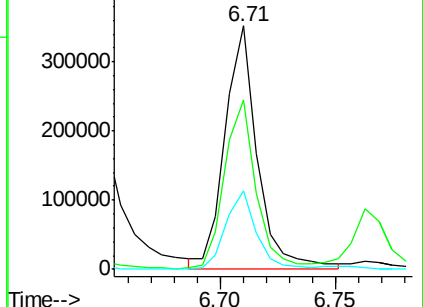
95 32.0 11.8 51.8



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: 34.142 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

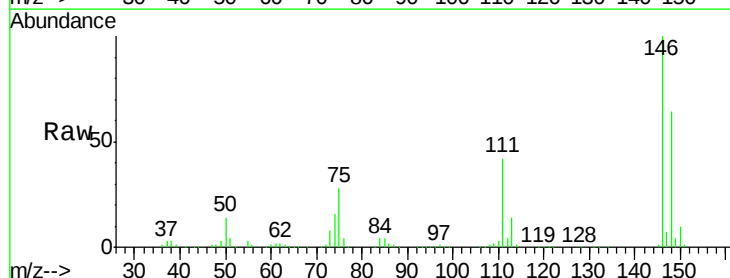
Tgt Ion: 146 Resp: 364386

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.8

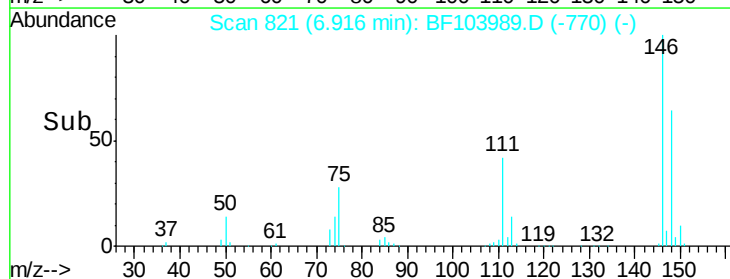
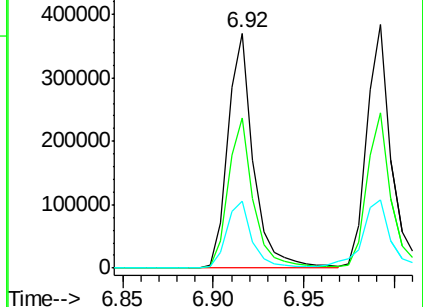
75 28.4 24.2 36.4

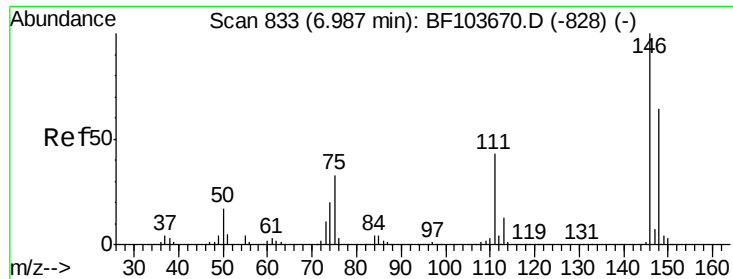


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

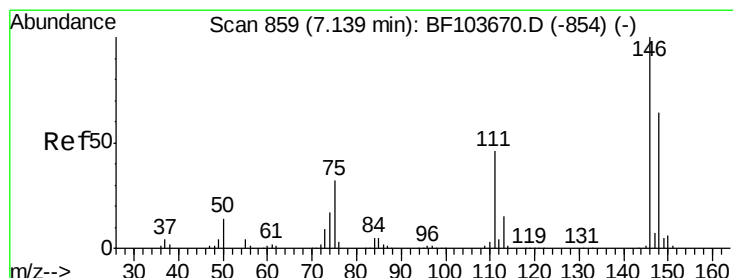
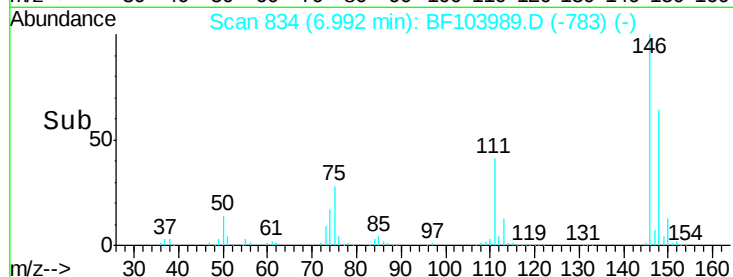
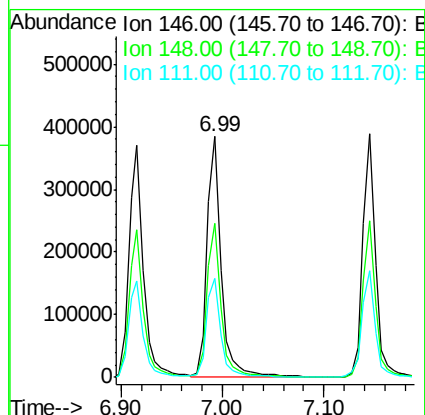
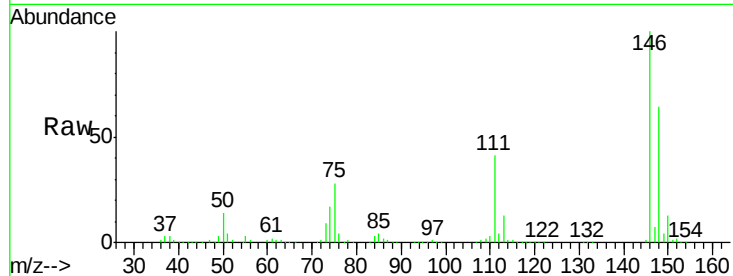




#13
 1,4-Dichlorobenzene
 Concen: 34.955 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

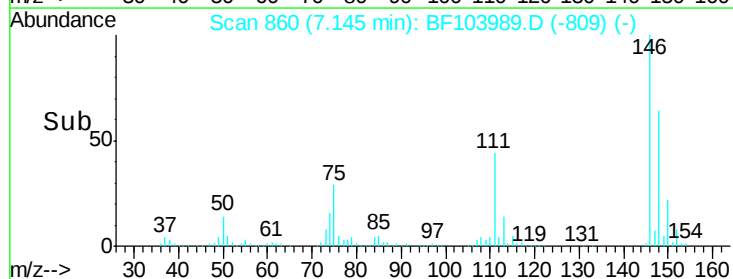
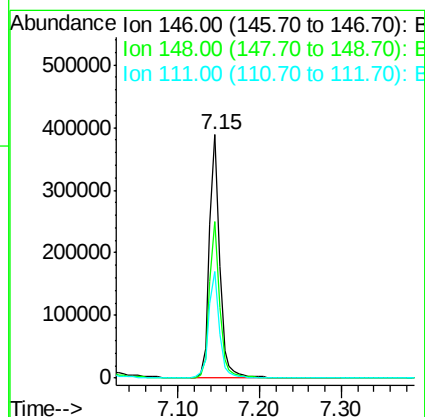
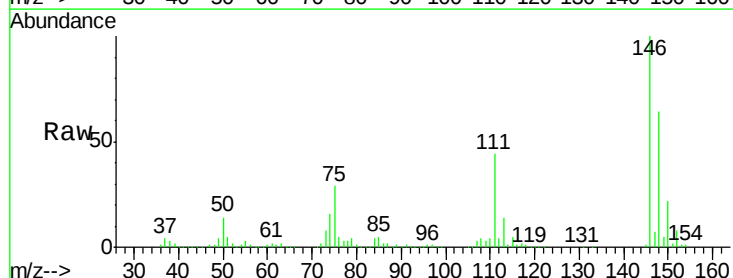
Instrument :
 BNA_F
 ClientSampleId :

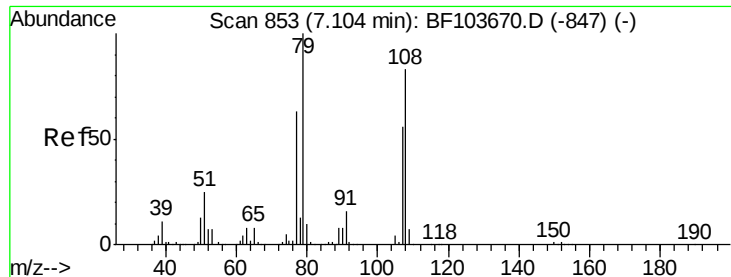
Tot Ion:146 Resp: 374869
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 41.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.614 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion:146 Resp: 344463
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 75.8
 111 43.7 36.0 54.0





#15

Benzyl Alcohol

Concen: 32.348 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

ClientSampleId :

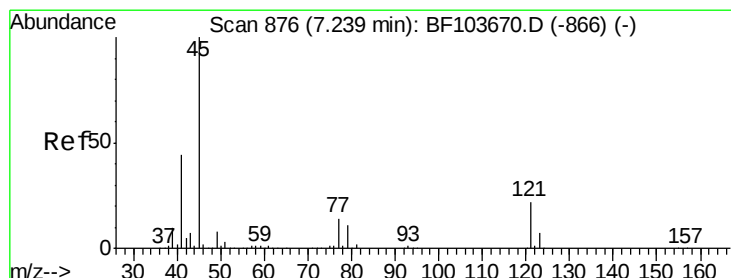
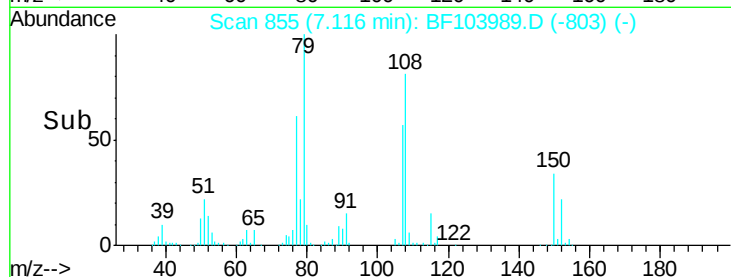
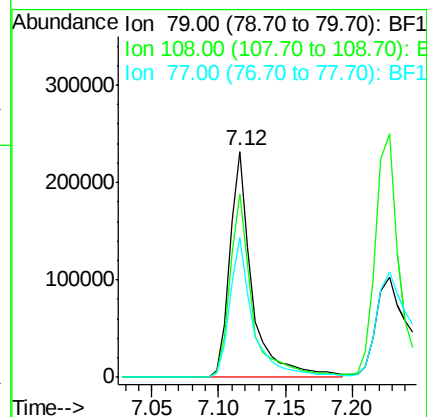
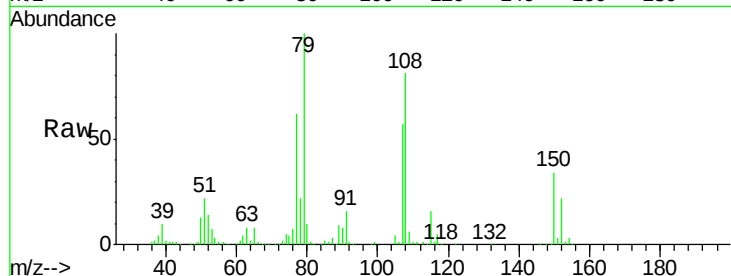
Tot Ion: 79 Resp: 274286

Ion Ratio Lower Upper

79 100

108 81.3 65.1 97.7

77 61.7 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.225 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

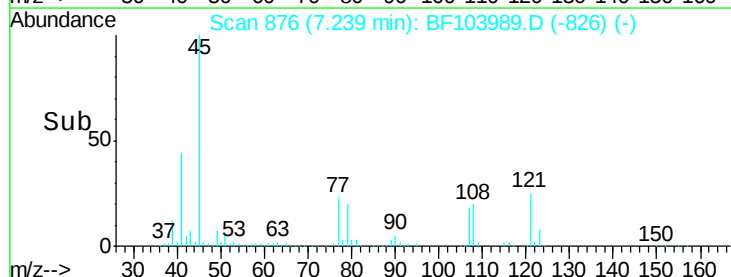
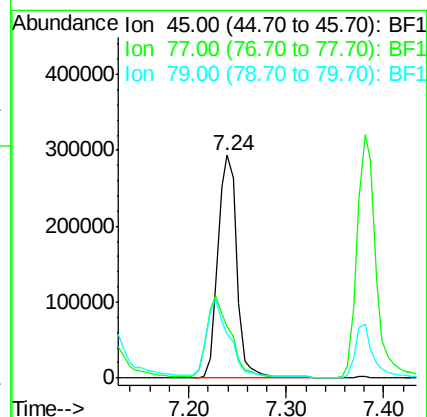
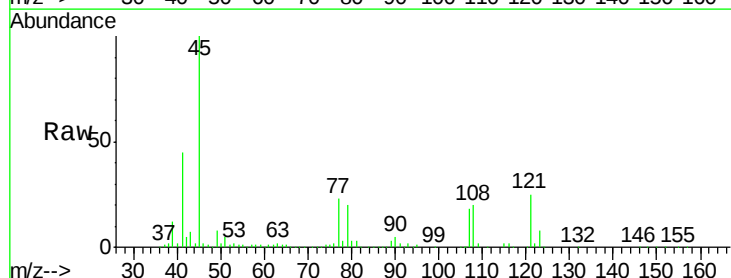
Tgt Ion: 45 Resp: 399035

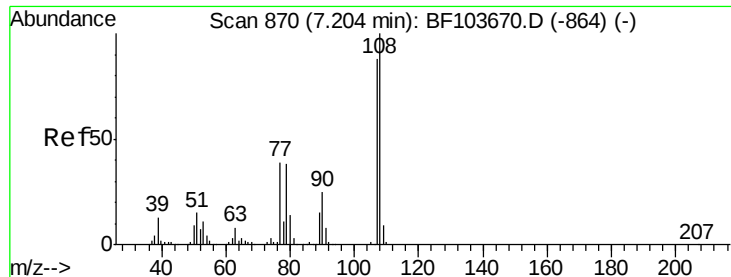
Ion Ratio Lower Upper

45 100

77 23.1 0.0 32.9

79 19.9 0.0 29.6

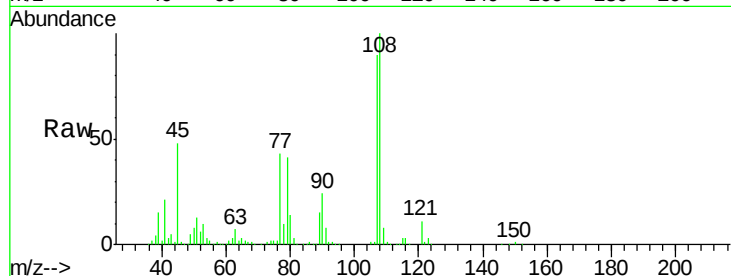




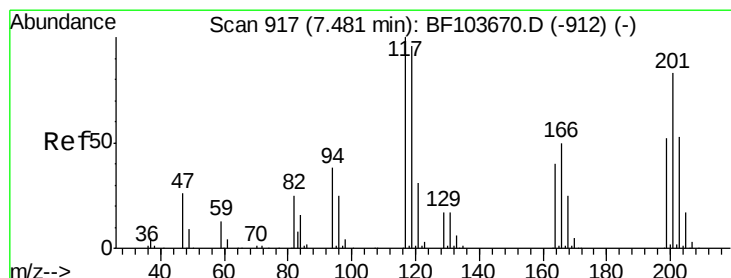
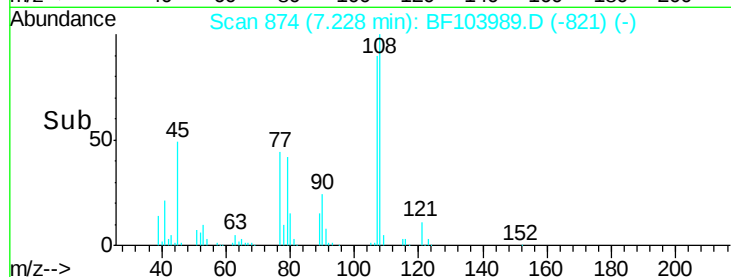
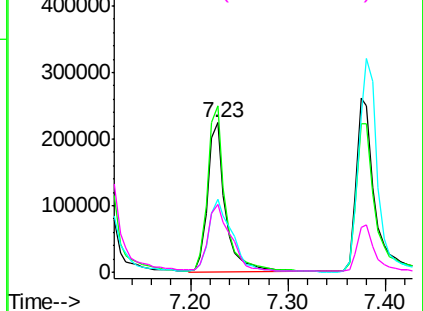
#17
2-Methylphenol
Concen: 34.025 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	283927
Ion	Ratio	Lower	Upper
107	100		
108	111.4	91.7	137.5
77	48.4	33.8	50.8
79	45.8	33.8	50.8

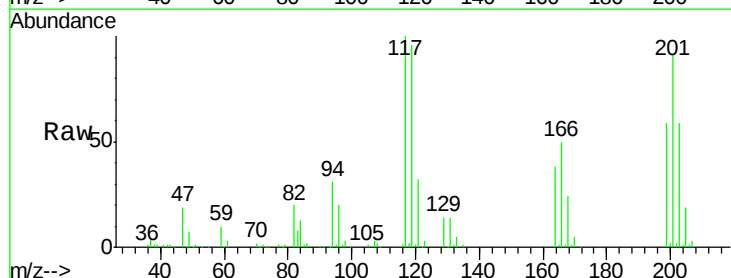


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

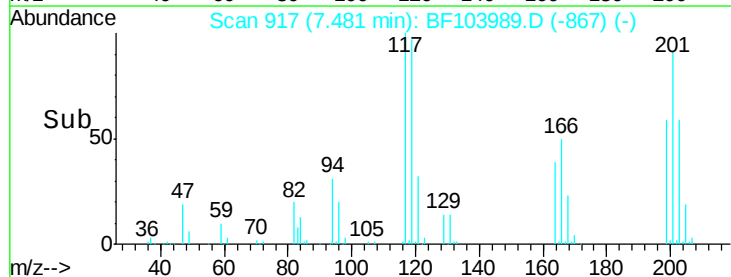
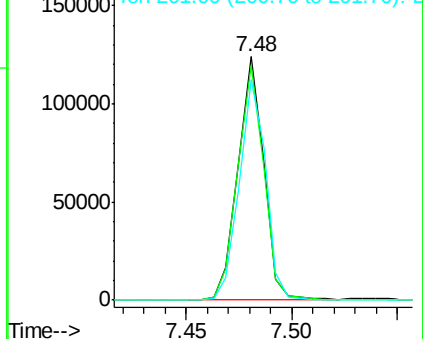


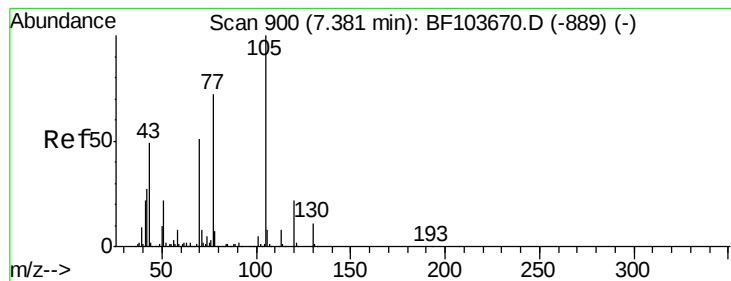
#18
Hexachloroethane
Concen: 27.814 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion:	117	Resp:	104926
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.8	113.8
201	90.9	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 31.772 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

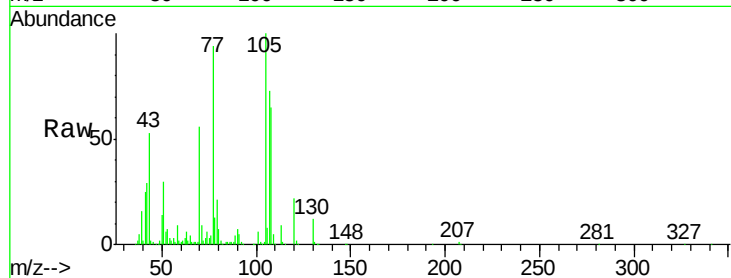
Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

ClientSampled :



Tot Ion: 70 Resp: 222836

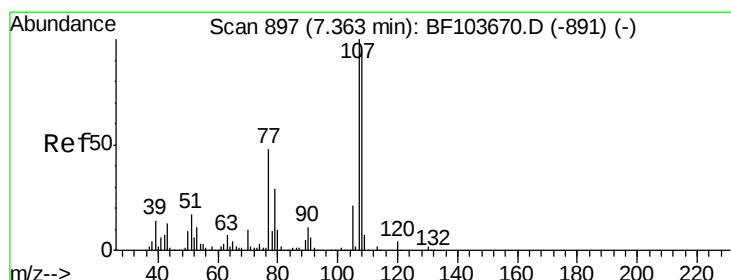
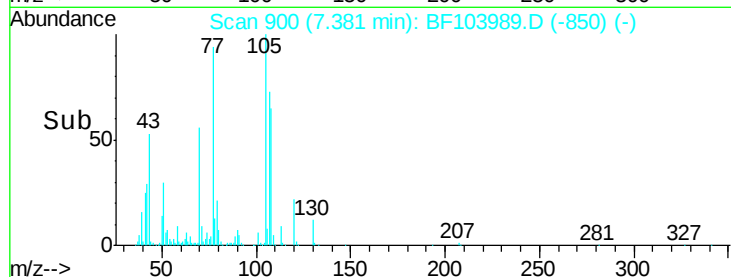
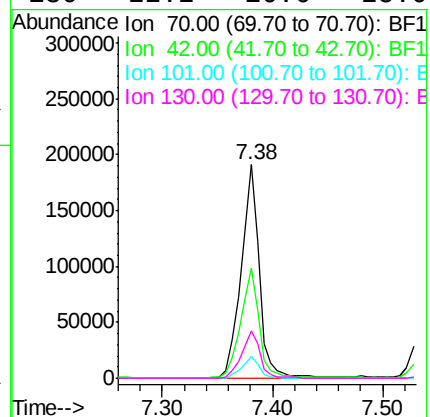
Ion Ratio Lower Upper

70 100

42 51.4 47.5 71.3

101 10.1 7.4 11.2

130 22.2 16.6 25.0



#20

3+4-Methylphenols

Concen: 33.166 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Tgt Ion:107 Resp: 351230

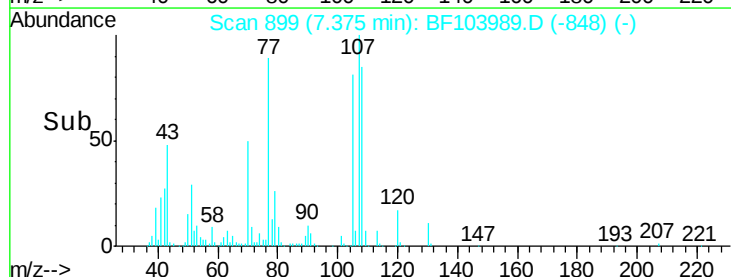
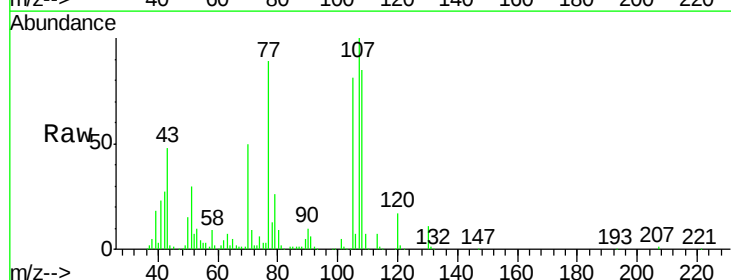
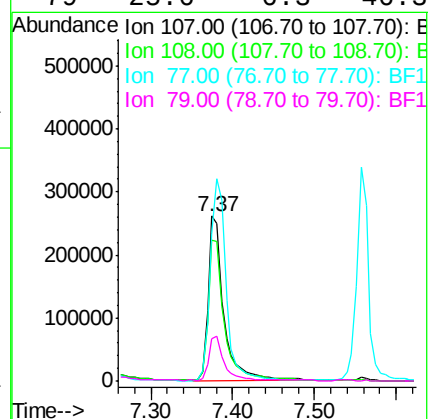
Ion Ratio Lower Upper

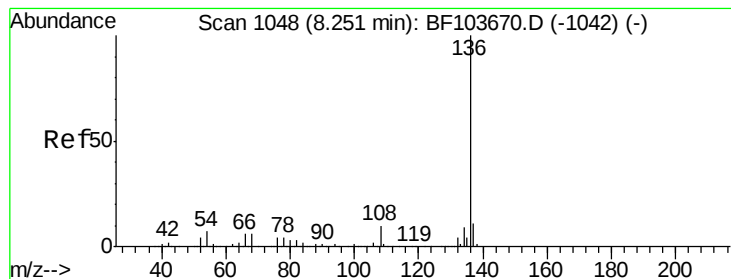
107 100

108 85.5 68.2 108.2

77 89.5 26.7 66.7#

79 25.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103989.D

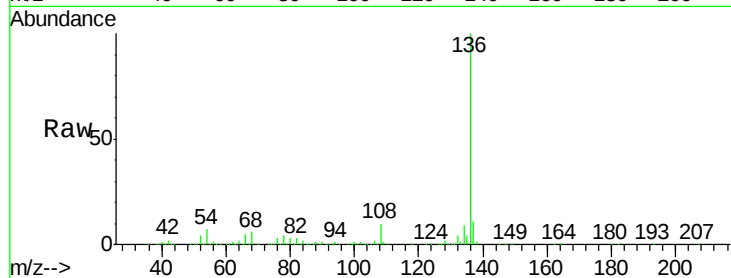
Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	544304
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.6	6.6 9.8#
68	6.3	5.0 7.4

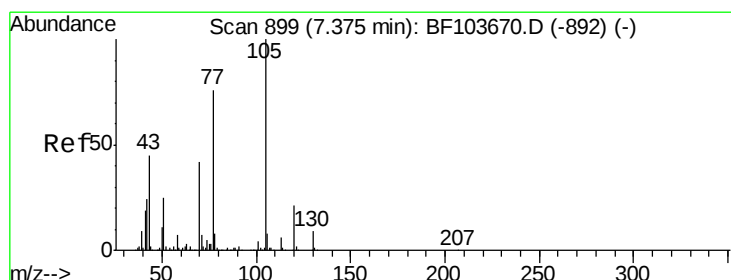
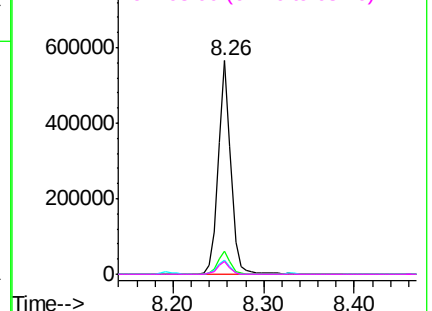
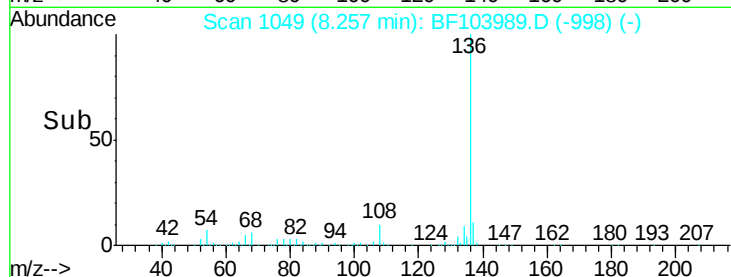


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.714 ng

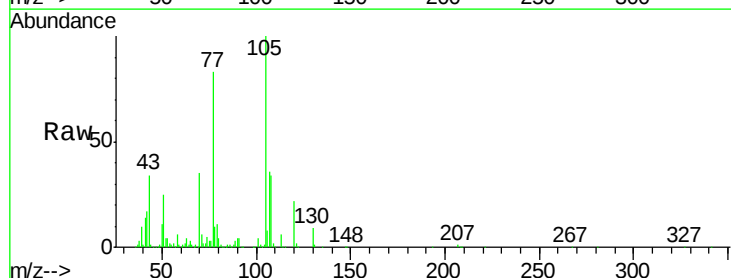
RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Tgt Ion:105	Resp:	457636
Ion Ratio	Lower	Upper
105	100	
71	6.1	4.4 6.6
51	25.0	22.3 33.5
120	21.8	16.9 25.3

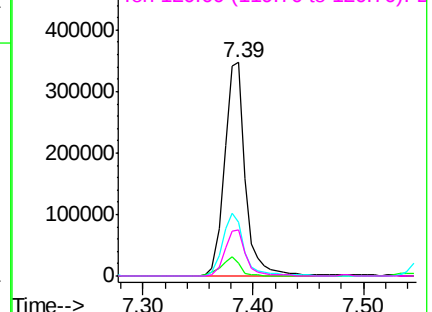
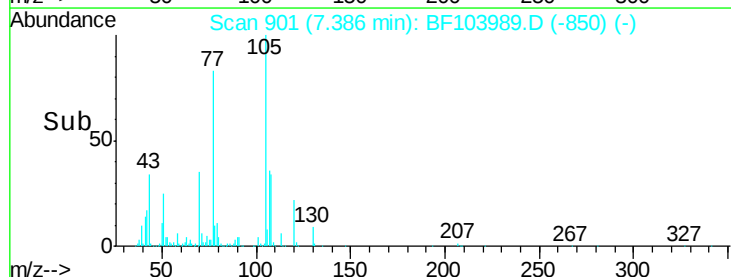


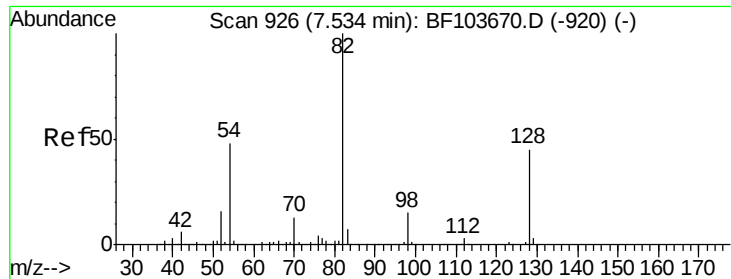
Abundance Ion 105.00 (104.70 to 105.70): E

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

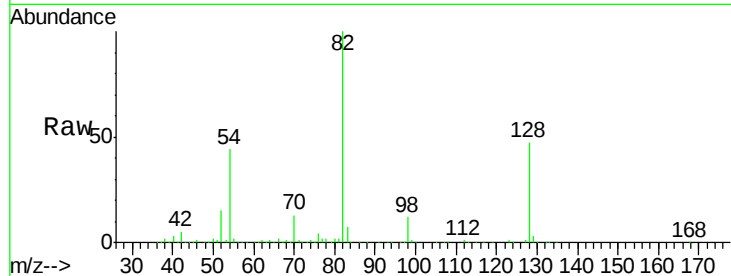




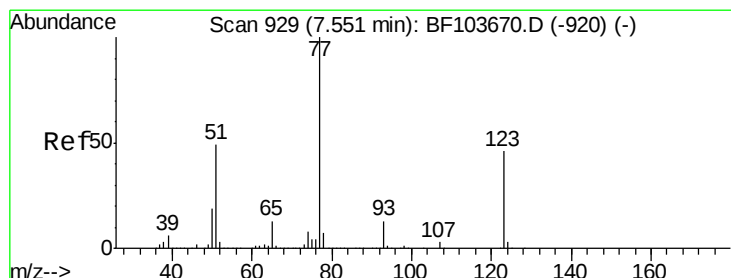
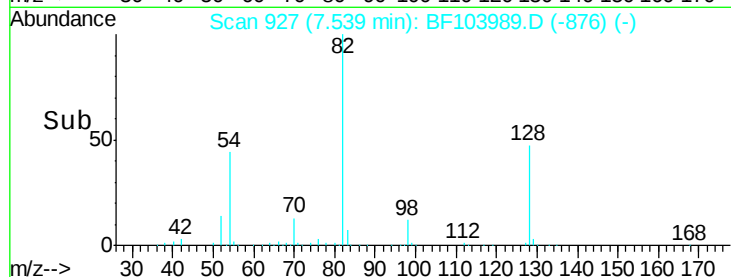
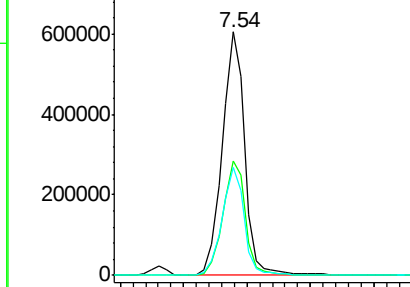
#23
Nitrobenzene-d5
Concen: 94.822 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	740105
Ion Ratio	Lower	Upper	
82	100		
128	47.0	36.1	54.1
54	44.4	41.4	62.2

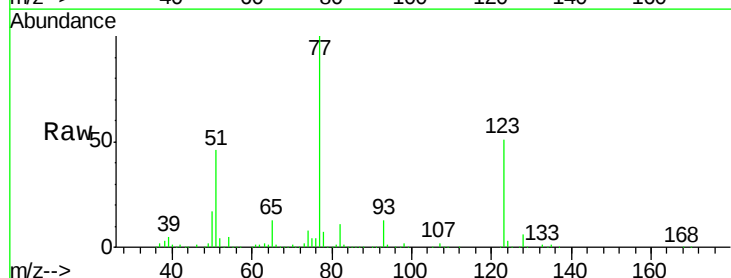


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

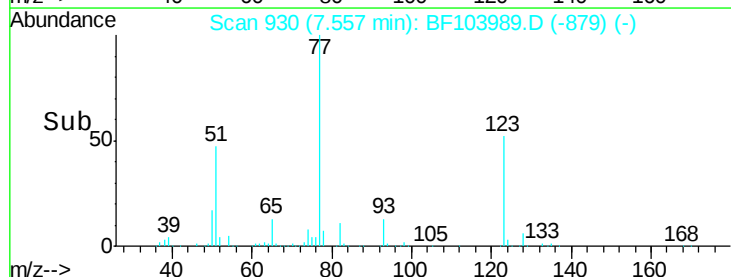
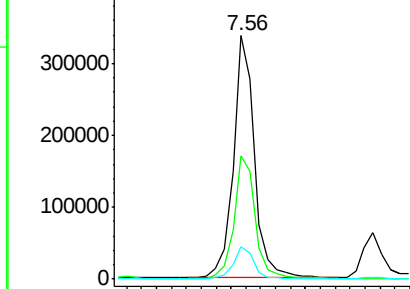


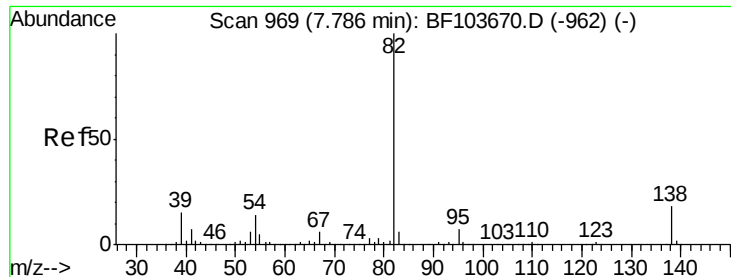
#24
Nitrobenzene
Concen: 36.757 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	77	Resp	336820
Ion Ratio	Lower	Upper	
77	100		
123	50.8	37.9	56.9
65	13.2	11.0	16.4



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: 34.942 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

ClientSampleId :

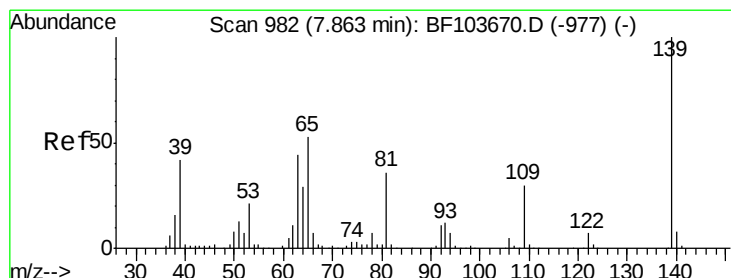
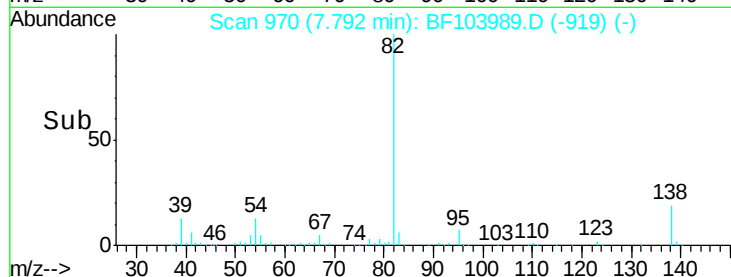
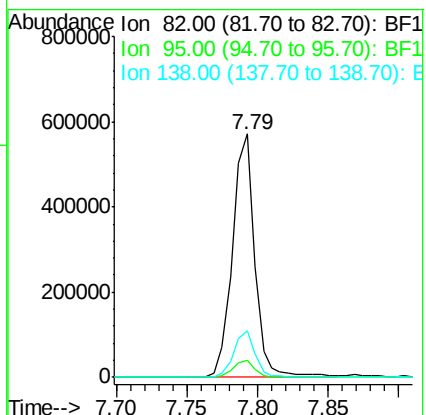
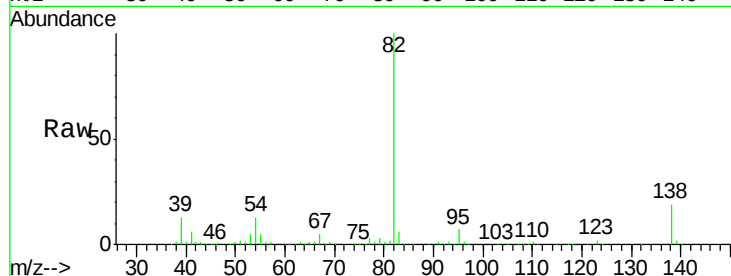
Tot Ion: 82 Resp: 631359

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.9 14.9 22.3



#26

2-Nitrophenol

Concen: 41.699 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

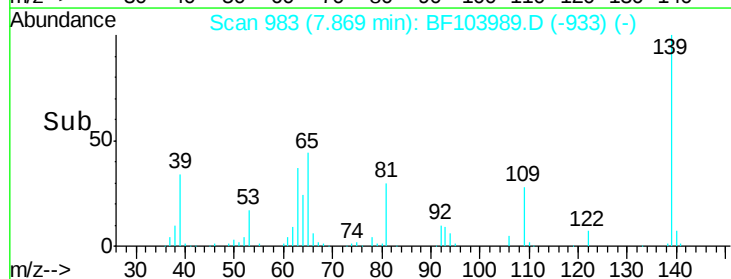
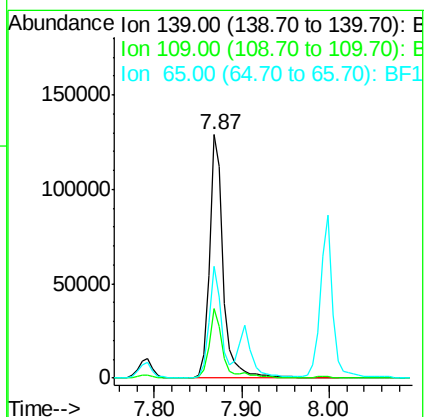
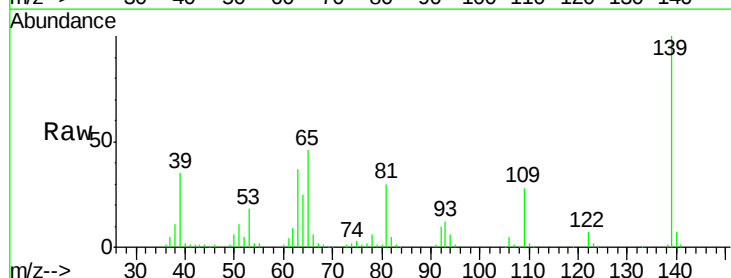
Tgt Ion: 139 Resp: 139993

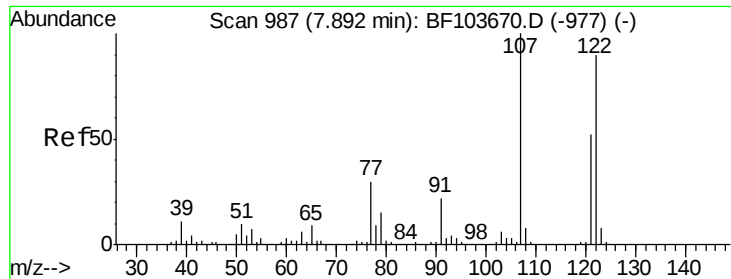
Ion Ratio Lower Upper

139 100

109 28.3 22.7 34.1

65 46.1 40.5 60.7

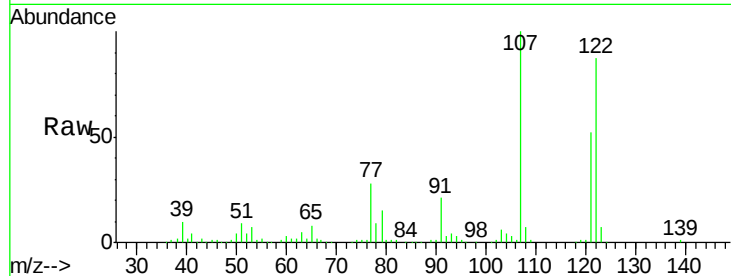




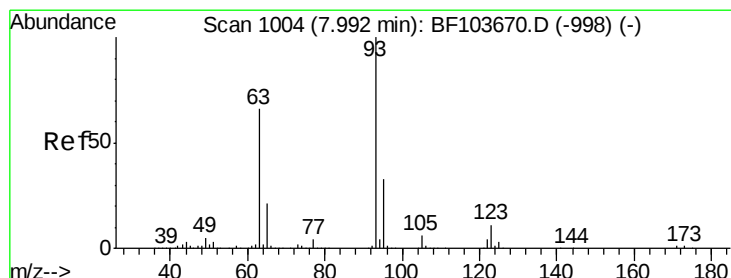
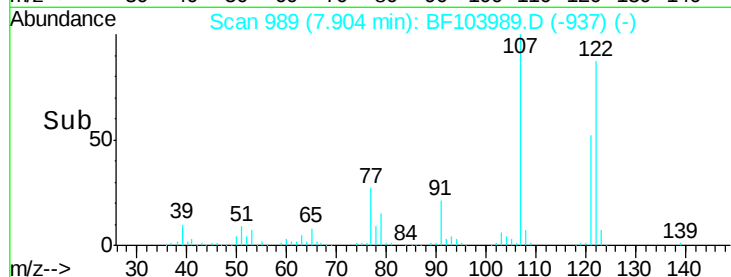
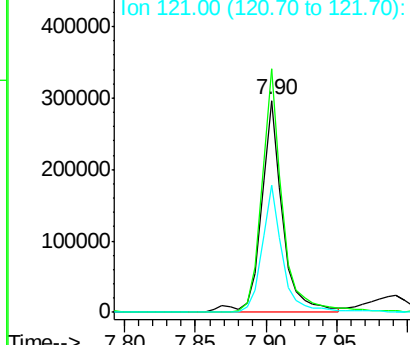
#27
2,4-Dimethylphenol
Concen: 40.590 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 314188
Ion Ratio Lower Upper
122 100
107 114.9 91.2 136.8
121 60.1 47.2 70.8

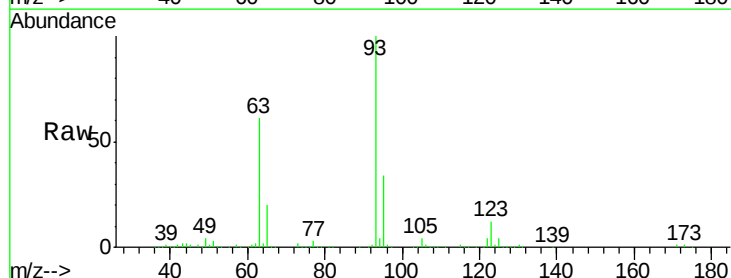


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

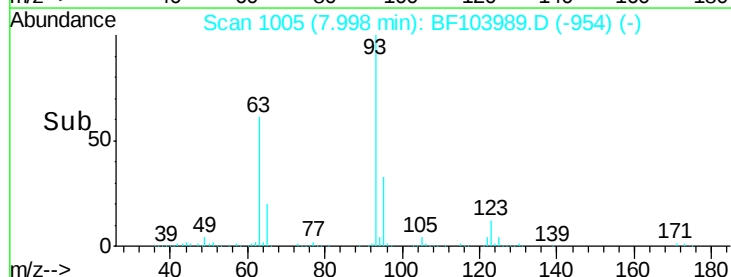
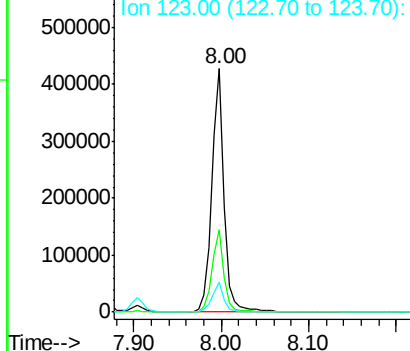


#28
bis(2-Chloroethoxy)methane
Concen: 37.997 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion: 93 Resp: 415728
Ion Ratio Lower Upper
93 100
95 33.6 26.3 39.5
123 12.2 9.8 14.6



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: 41.059 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

ClientSampleId :

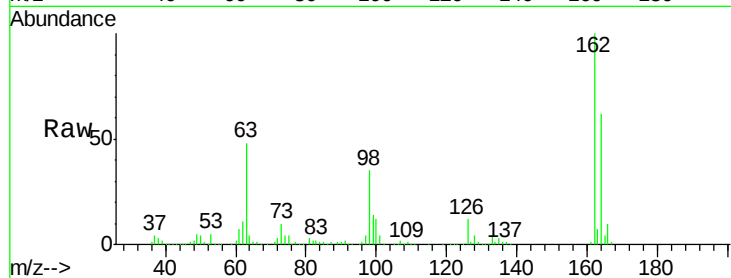
Tot Ion:162 Resp: 289146

Ion Ratio Lower Upper

162 100

164 61.7 42.7 82.7

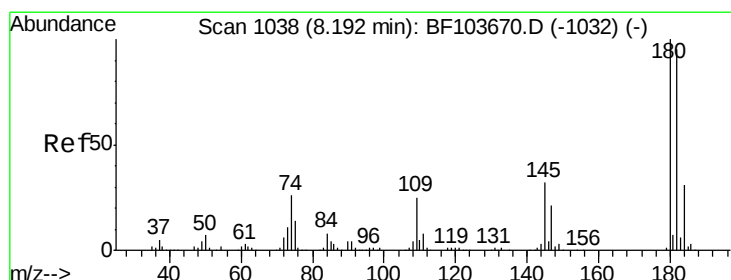
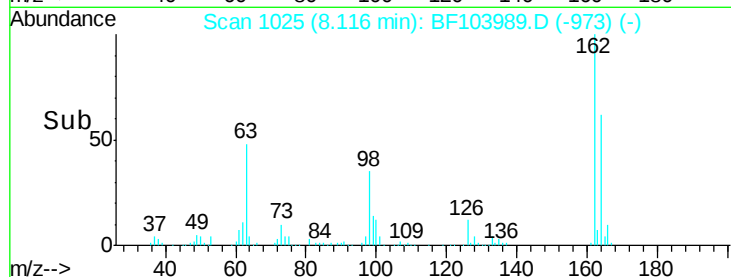
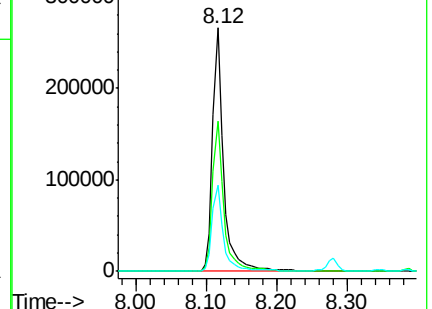
98 35.4 18.1 58.1



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: 35.915 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

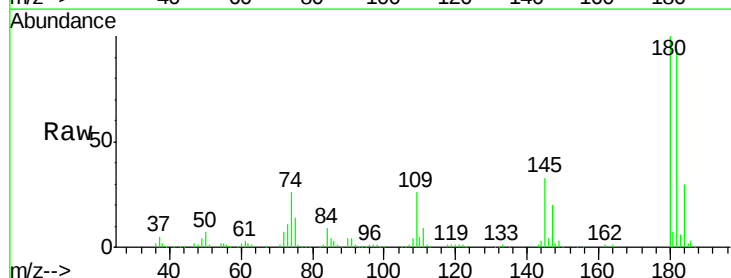
Tgt Ion:180 Resp: 293351

Ion Ratio Lower Upper

180 100

182 94.3 76.8 115.2

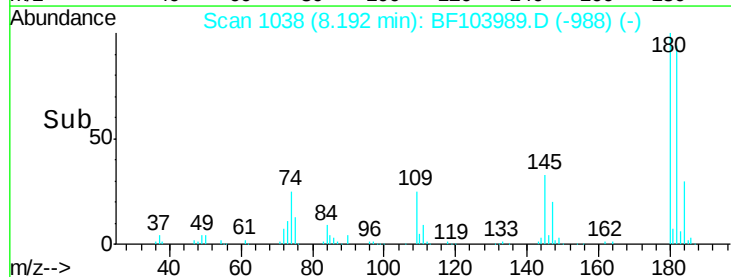
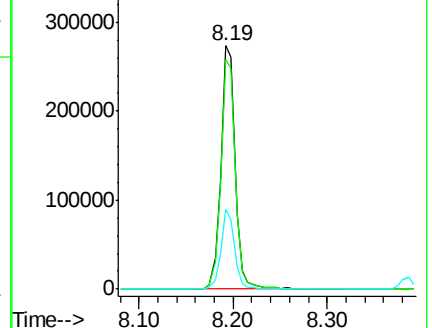
145 32.6 26.5 39.7

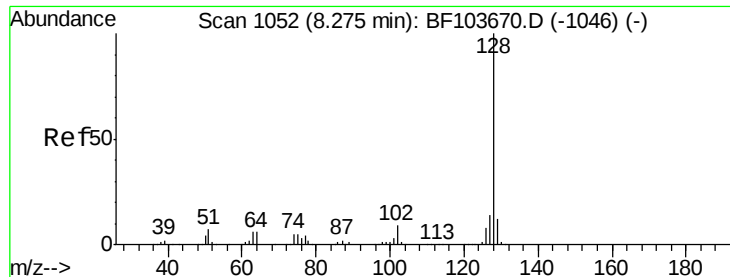


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

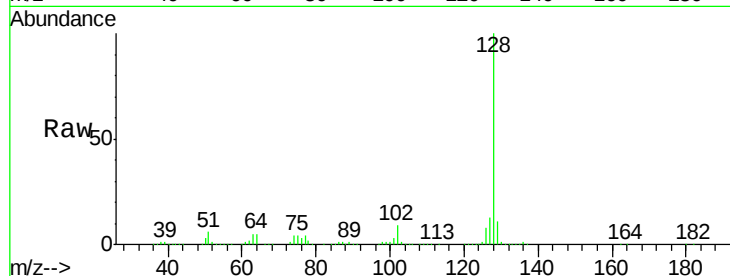




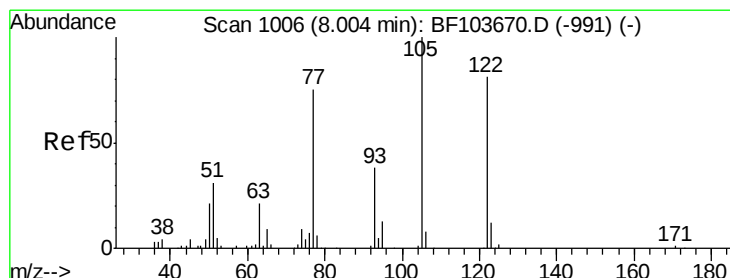
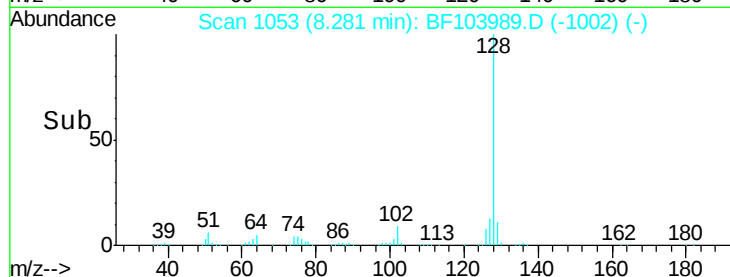
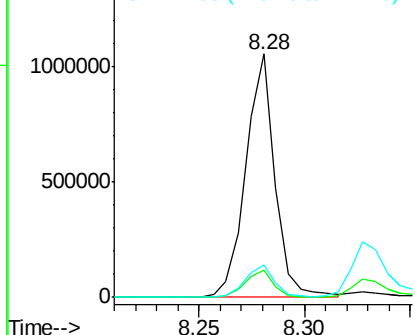
#31
Naphthalene
Concen: 36.670 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1008259
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.9 16.3

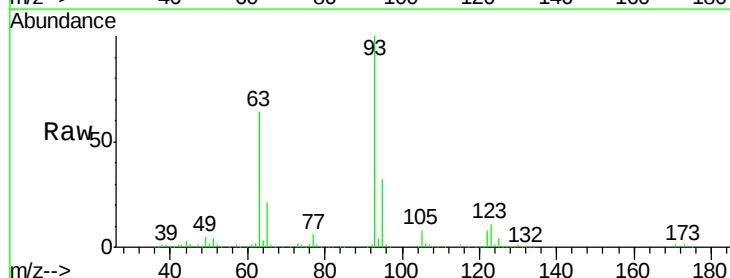


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

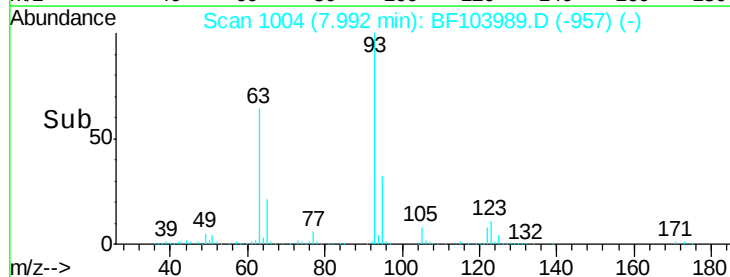
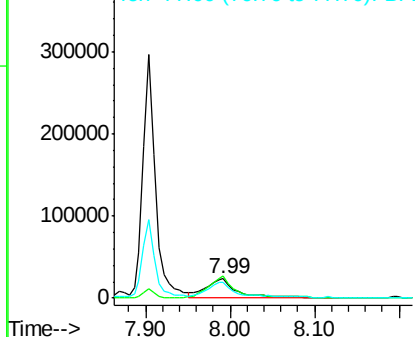


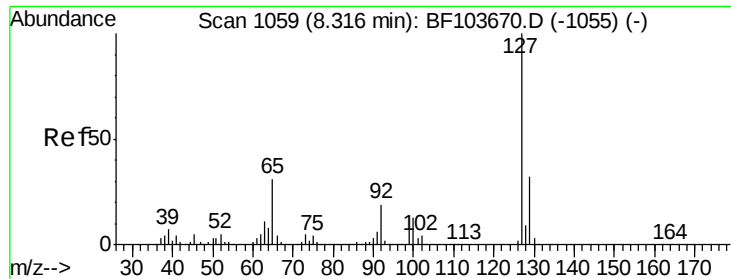
#32
Benzoic acid
Concen: 18.385 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion:122 Resp: 58354
Ion Ratio Lower Upper
122 100
105 113.1 101.1 141.1
77 84.3 70.7 110.7



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

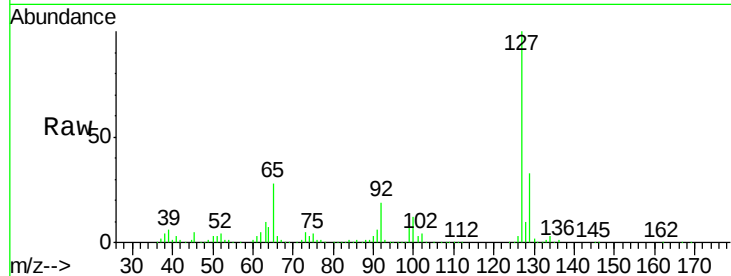




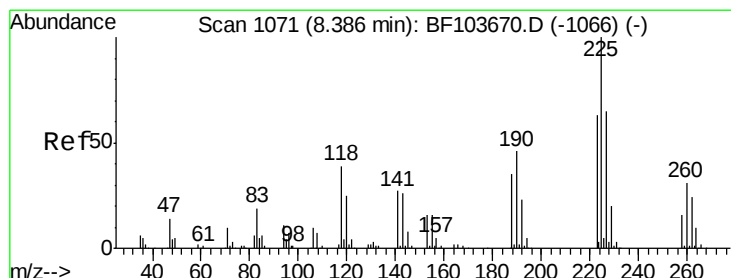
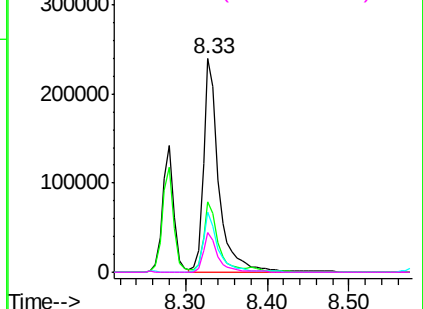
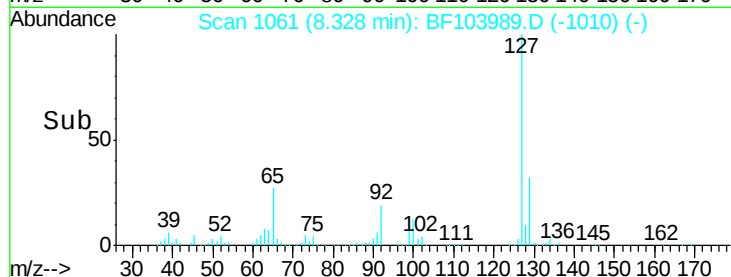
#33
4-Chloroaniline
Concen: 27.105 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	312664
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	28.0	25.0	37.4
92	18.6	15.2	22.8

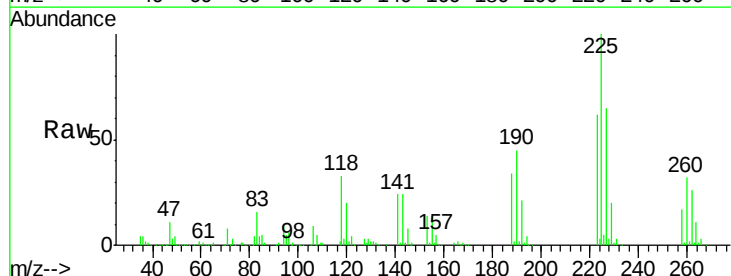


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

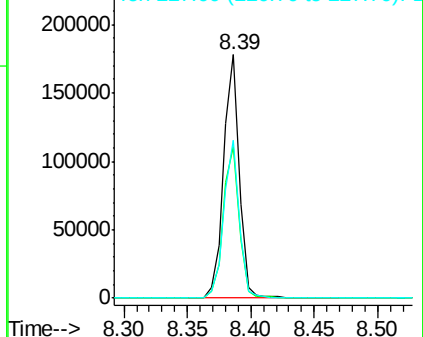
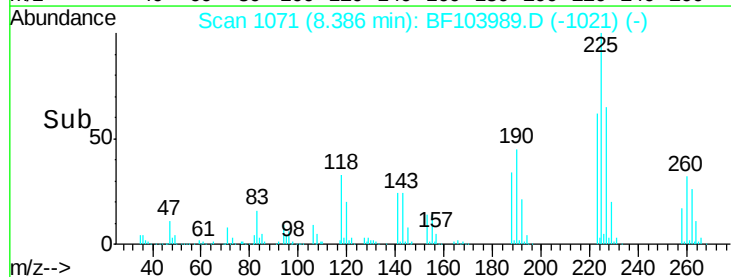


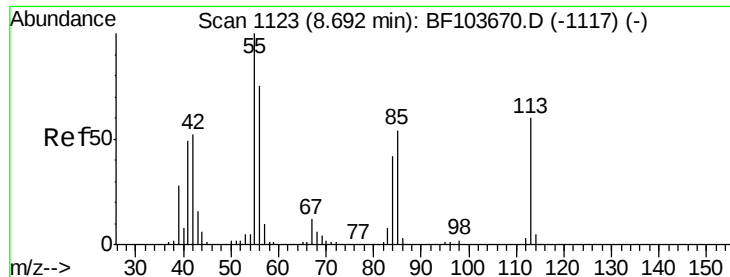
#34
Hexachlorobutadiene
Concen: 34.468 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion:	225	Resp:	154357
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	64.6	51.9	77.9



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

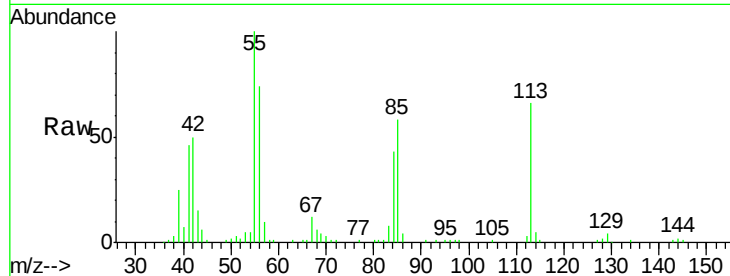




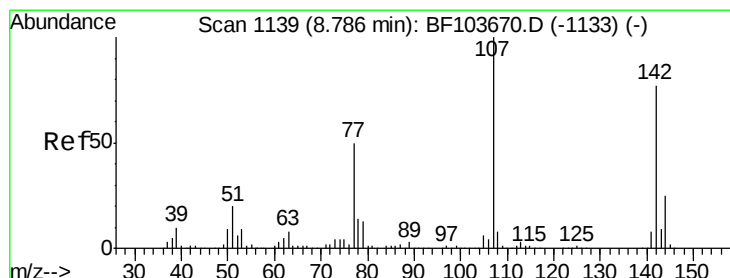
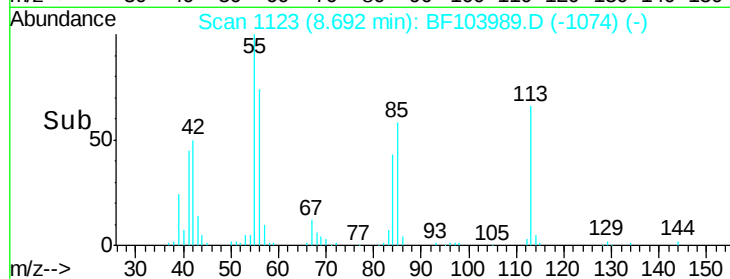
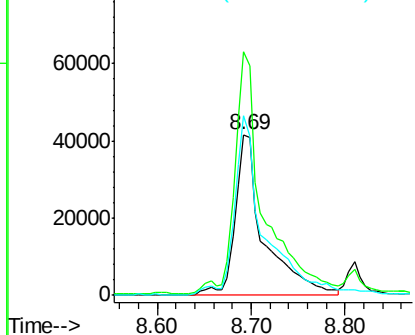
#35
 Caprolactam
 Concen: 36.676 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 88937
 Ion Ratio Lower Upper
 113 100
 55 151.2 163.3 203.3#
 56 111.3 115.7 155.7#

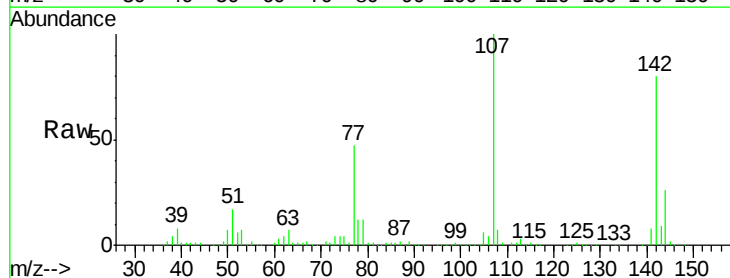


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

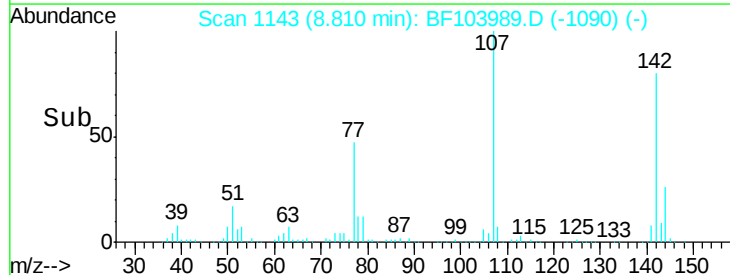
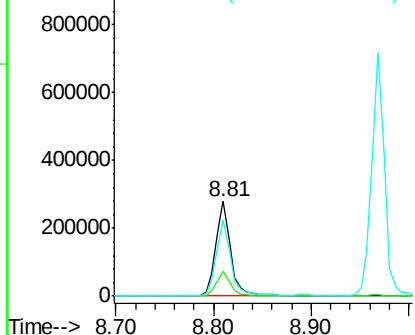


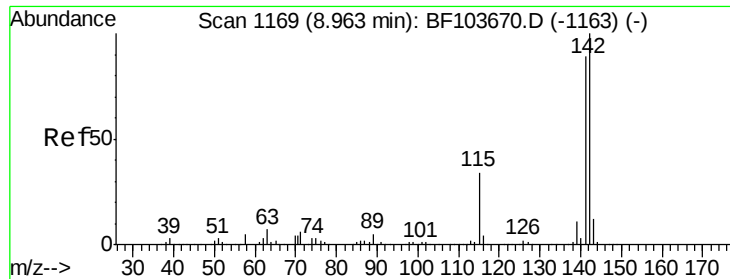
#36
 4-Chloro-3-methylphenol
 Concen: 38.641 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion:107 Resp: 299991
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 80.5 62.0 93.0



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

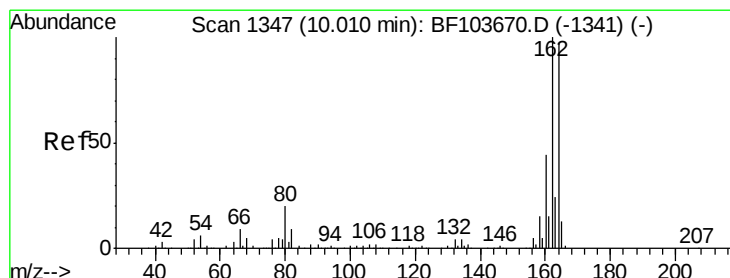
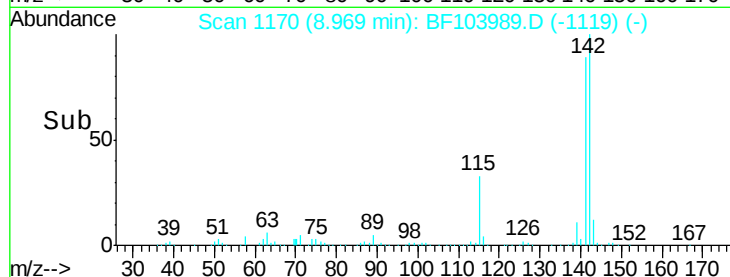
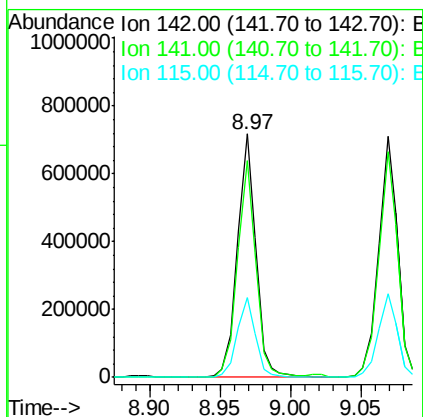
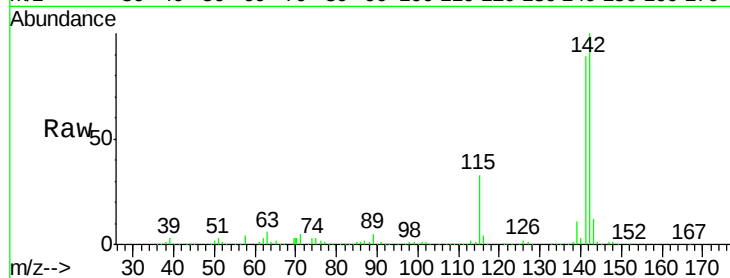




#37
2-Methylnaphthalene
Concen: 37.518 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

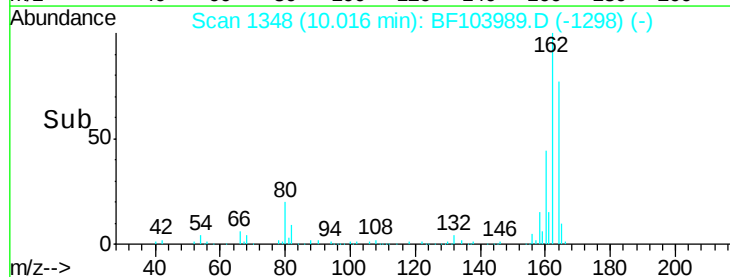
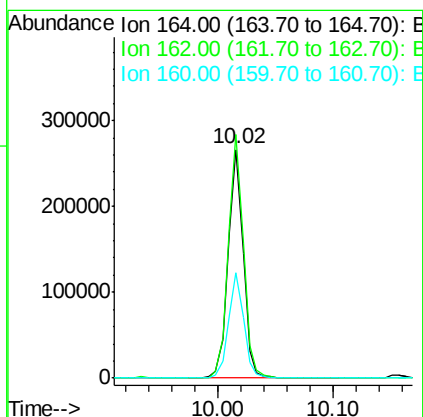
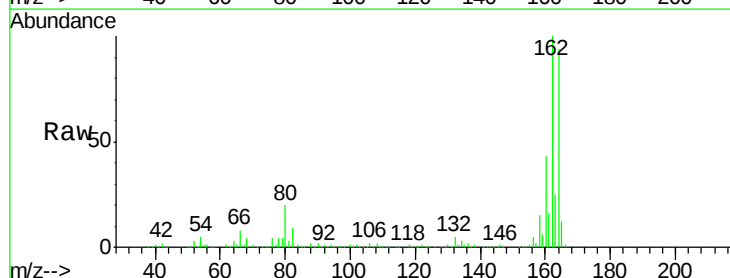
Instrument :
BNA_F
ClientSampled :

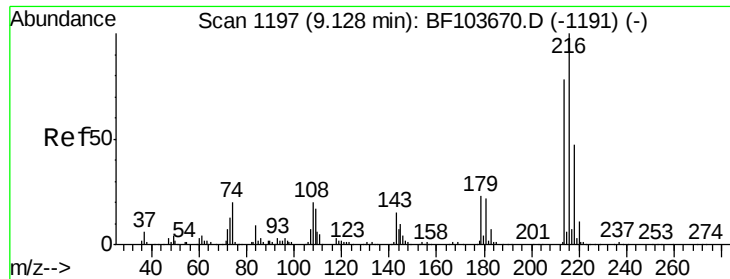
Tot Ion:142 Resp: 654186
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2
115 33.0 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion:164 Resp: 240587
Ion Ratio Lower Upper
164 100
162 106.6 86.1 129.1
160 46.0 38.3 57.5

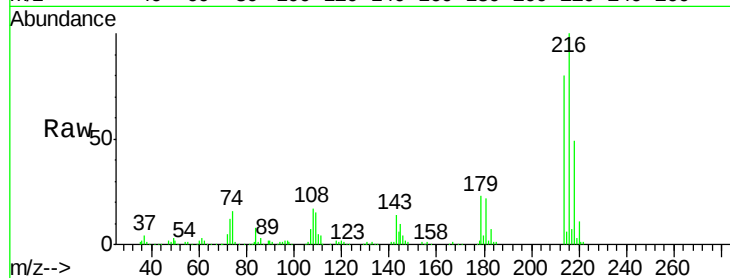




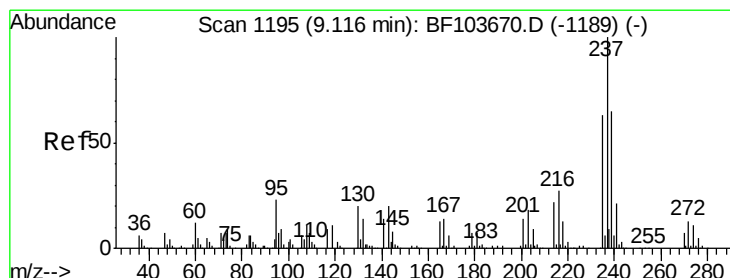
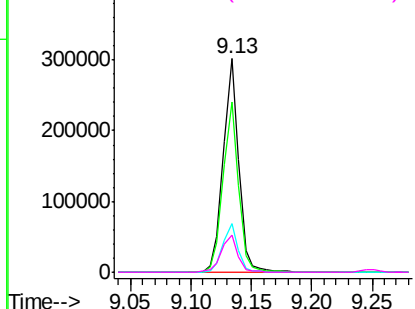
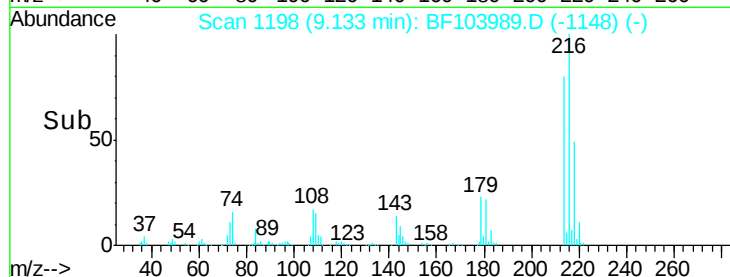
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.119 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	268498
Ion Ratio	Lower	Upper
216	100	
214	80.2	63.0 94.4
179	22.5	18.1 27.1
108	18.8	17.2 25.8

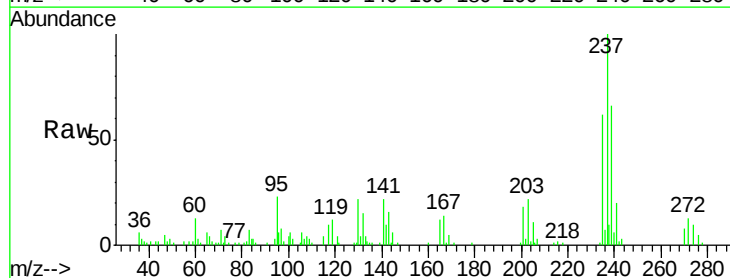


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

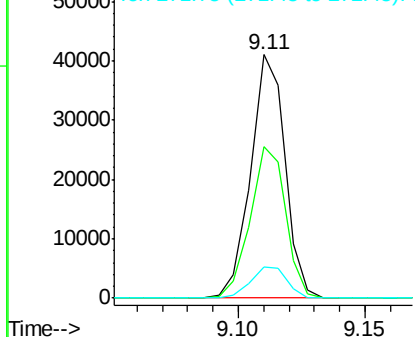
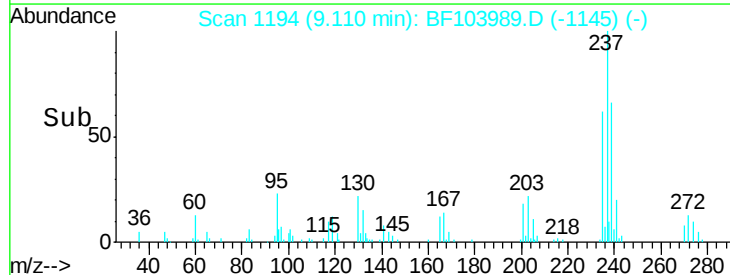


#40
 Hexachlorocyclopentadiene
 Concen: 10.985 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion:237	Resp:	38907
Ion Ratio	Lower	Upper
237	100	
235	62.0	44.8 84.8
272	12.8	0.0 33.3



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

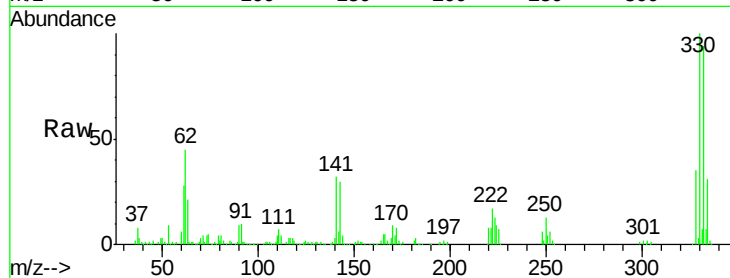




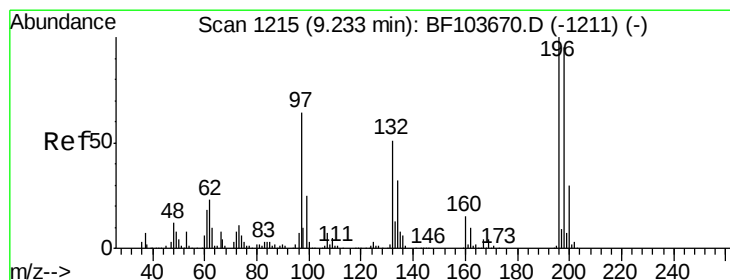
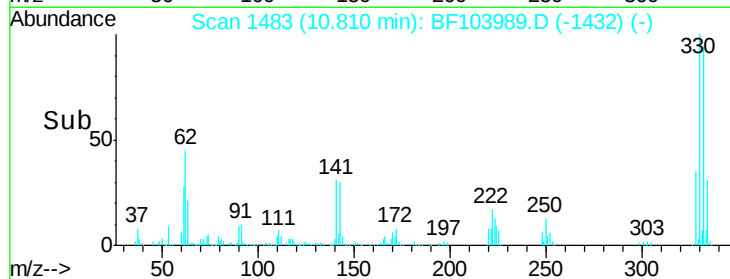
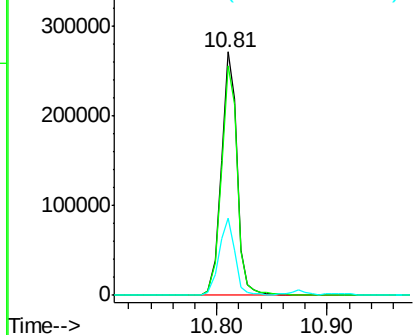
#41
 2,4,6-Tribromophenol
 Concen: 130.398 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 269740
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 31.5 29.9 44.9

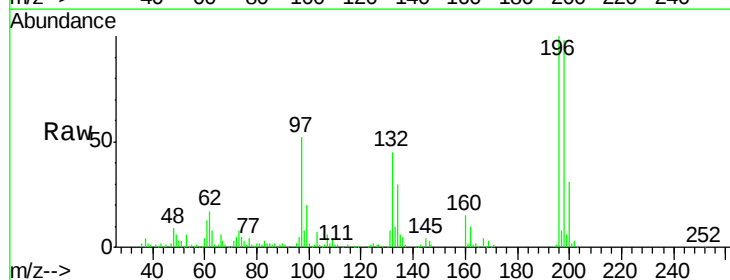


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

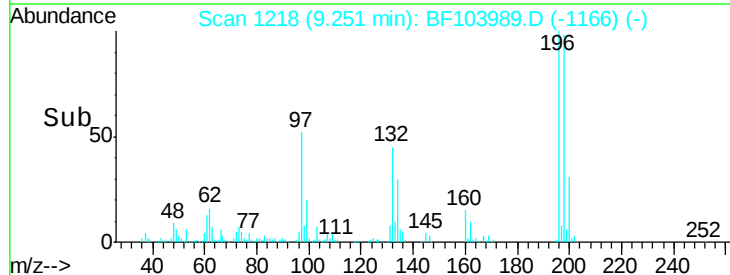
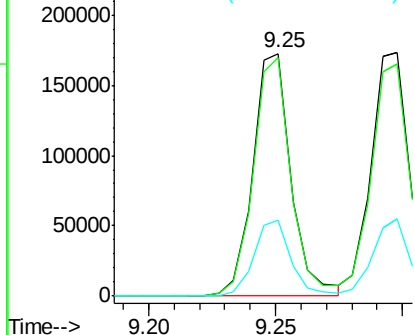


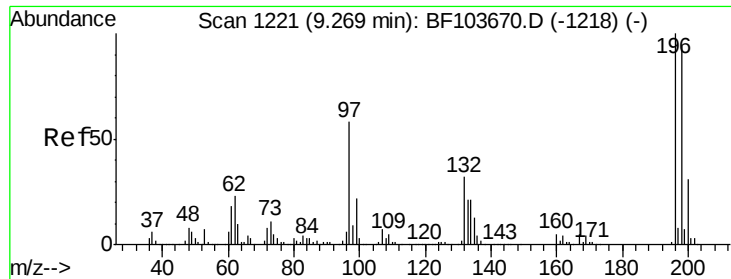
#42
 2,4,6-Trichlorophenol
 Concen: 41.445 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion:196 Resp: 181950
 Ion Ratio Lower Upper
 196 100
 198 98.1 75.7 113.5
 200 31.3 24.5 36.7



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

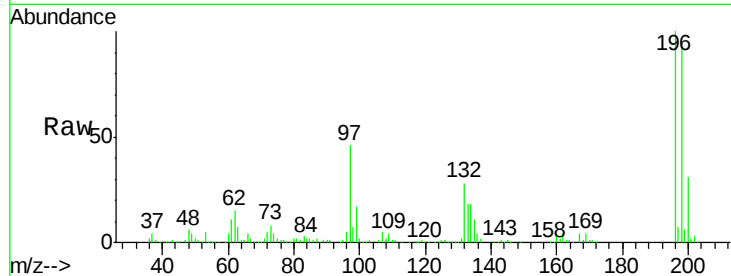




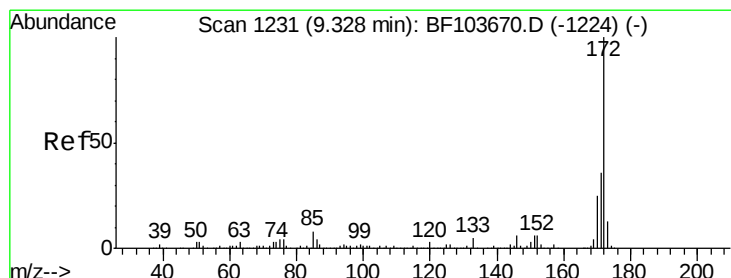
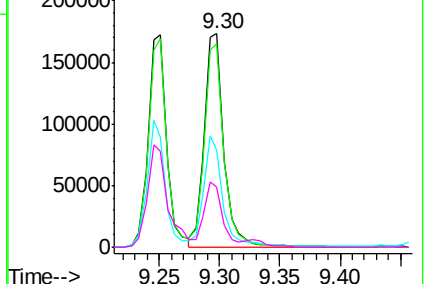
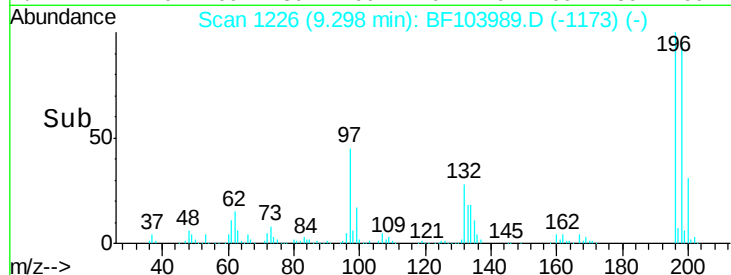
#43
2,4,5-Trichlorophenol
Concen: 39.281 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 194642
Ion Ratio Lower Upper
196 100
198 95.4 74.6 112.0
97 45.6 42.9 64.3
132 28.4 26.3 39.5

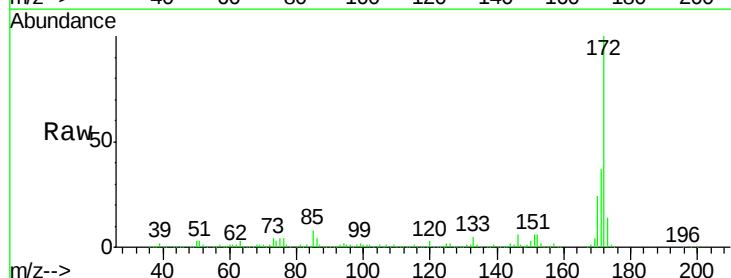


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

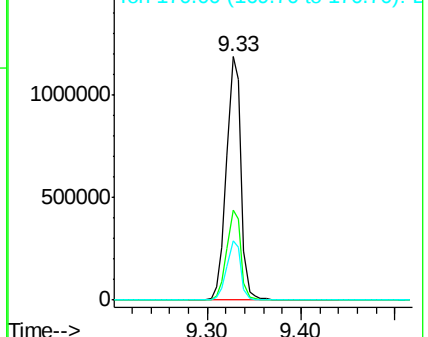
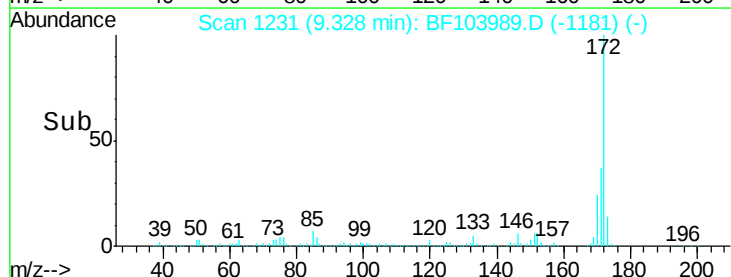


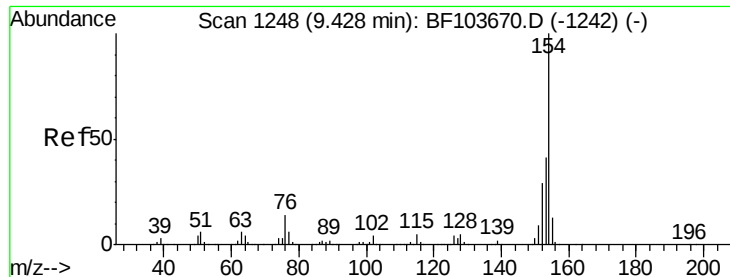
#44
2-Fluorobiphenyl
Concen: 85.385 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion:172 Resp: 1287809
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.4 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 38.067 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

ClientSampled :

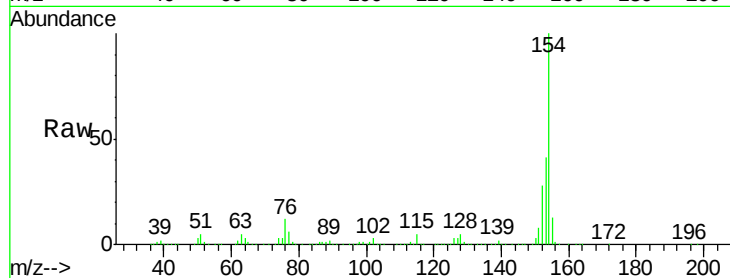
Tot Ion:154 Resp: 763676

Ion Ratio Lower Upper

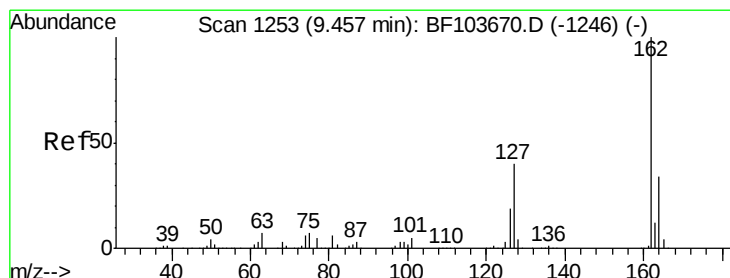
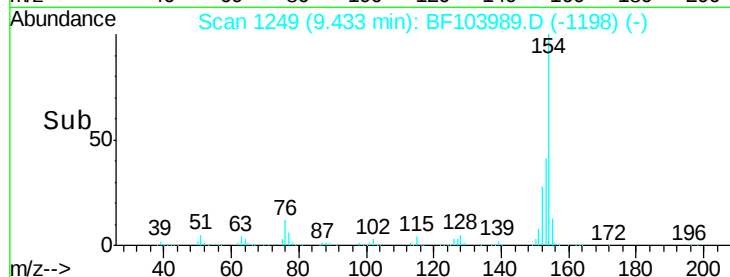
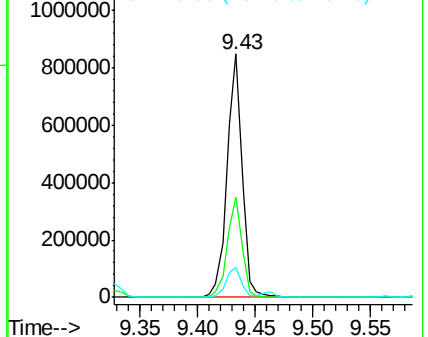
154 100

153 41.1 21.3 61.3

76 12.4 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 36.379 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

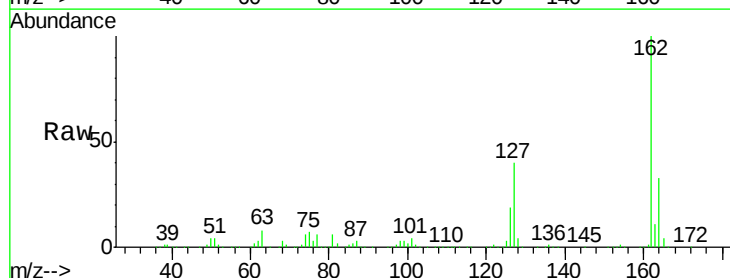
Tgt Ion:162 Resp: 579670

Ion Ratio Lower Upper

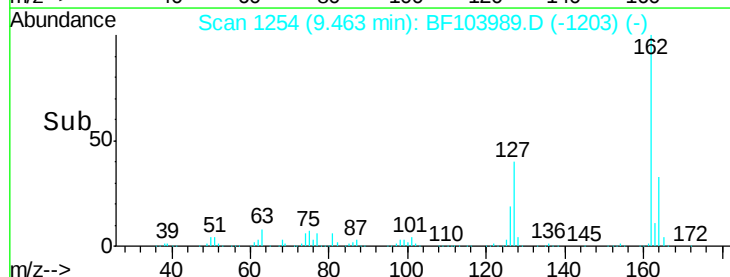
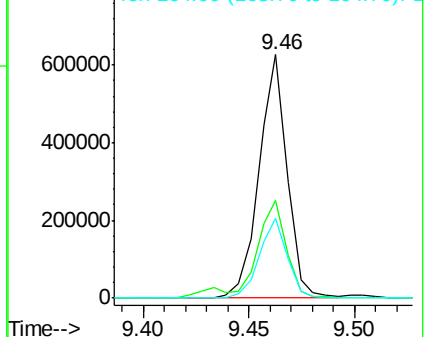
162 100

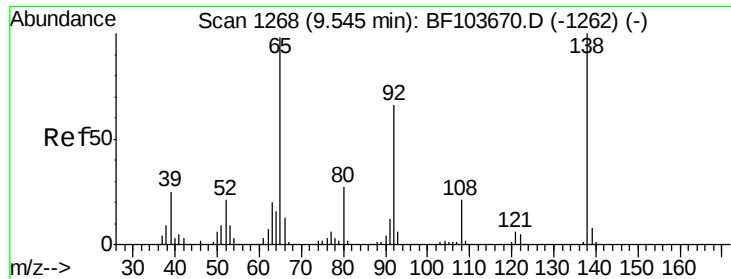
127 40.1 33.9 50.9

164 32.8 26.5 39.7



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

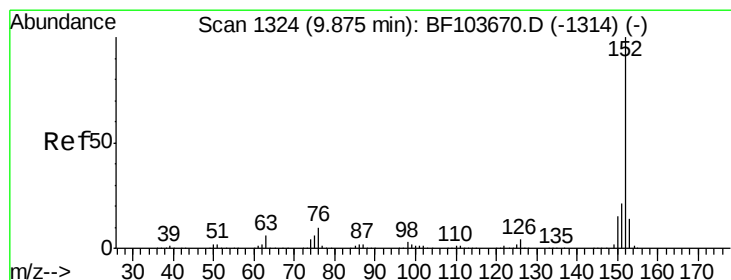
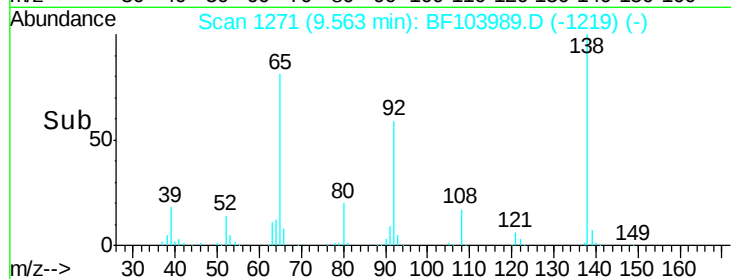
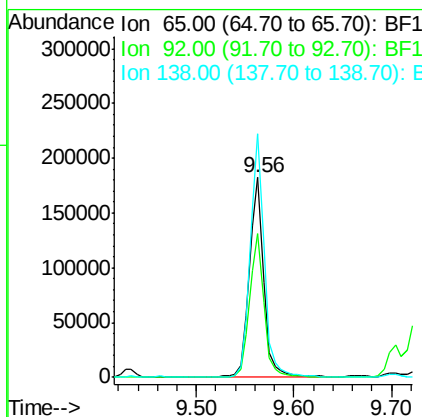
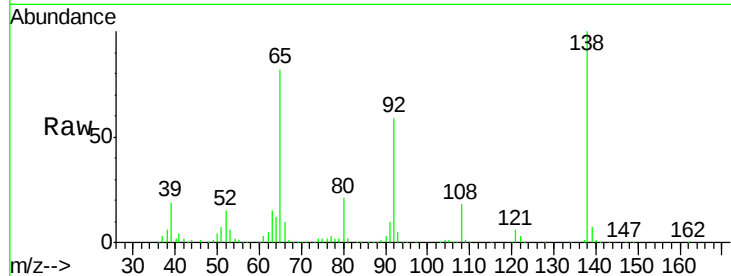




#47
2-Nitroaniline
Concen: 45.689 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

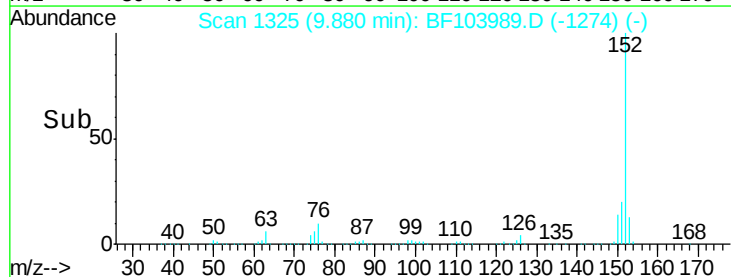
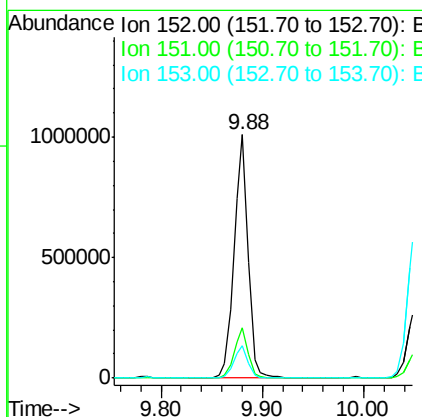
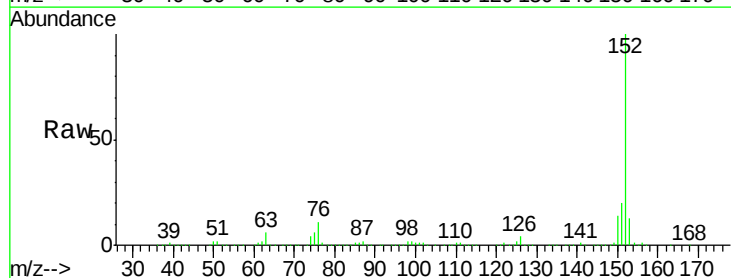
Instrument :
BNA_F
ClientSampled :

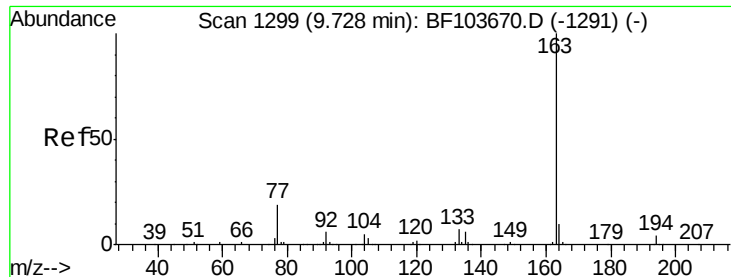
Tot Ion: 65 Resp: 188853
Ion Ratio Lower Upper
65 100
92 72.0 55.8 83.6
138 121.9 91.2 136.8



#48
Acenaphthylene
Concen: 38.894 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion: 152 Resp: 961022
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.4 10.7 16.1

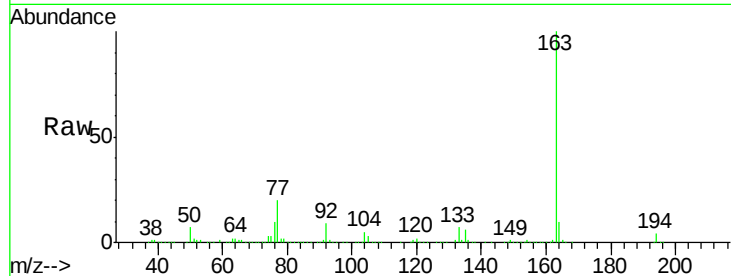




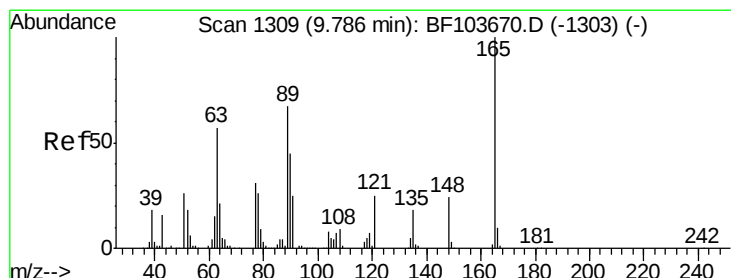
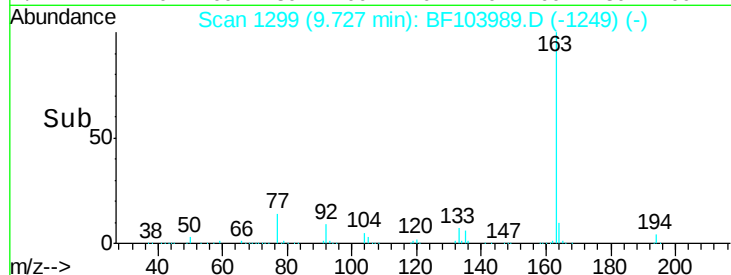
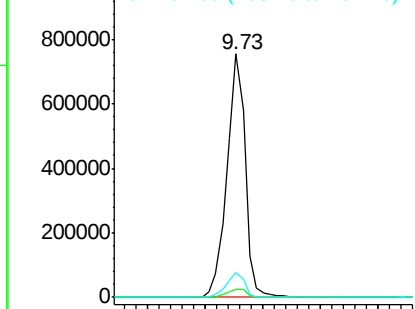
#49
Dimethylphthalate
Concen: 44.975 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 825534
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.3 8.2 12.2

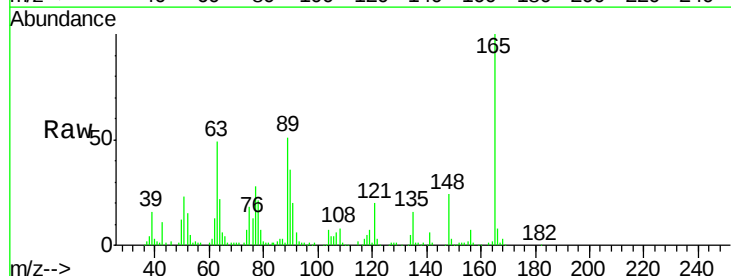


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

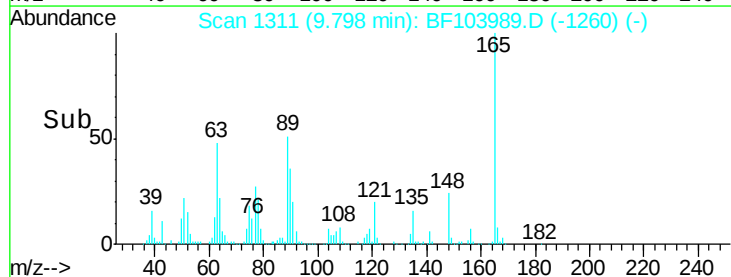
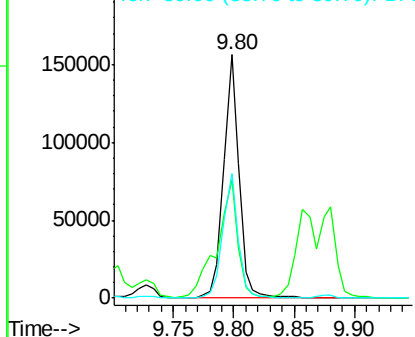


#50
2,6-Dinitrotoluene
Concen: 39.715 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion:165 Resp: 138357
Ion Ratio Lower Upper
165 100
63 48.7 44.7 67.1
89 51.2 44.0 66.0



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





#51

Acenaphthene

Concen: 35.493 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

ClientSampleId :

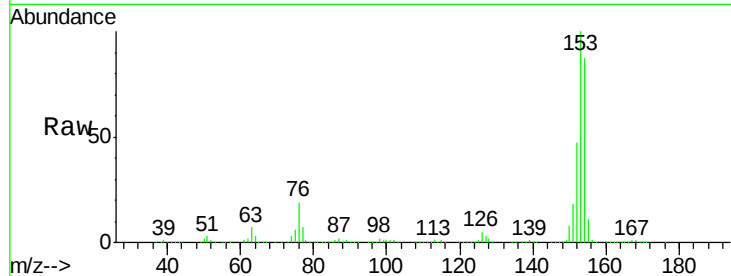
Tot Ion:154 Resp: 520734

Ion Ratio Lower Upper

154 100

153 114.9 91.2 136.8

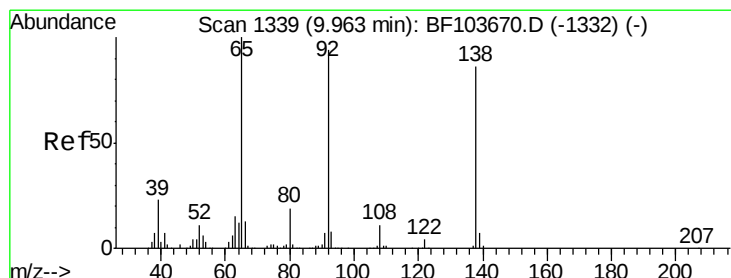
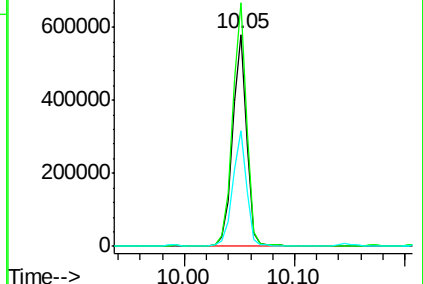
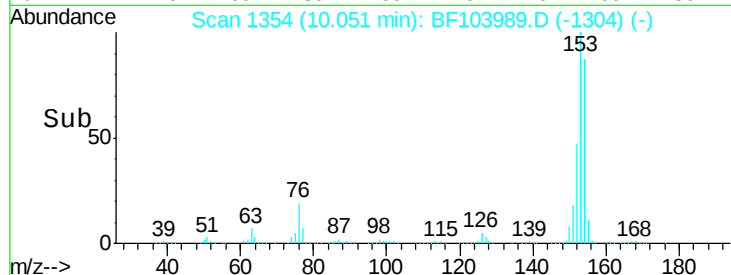
152 54.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.770 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

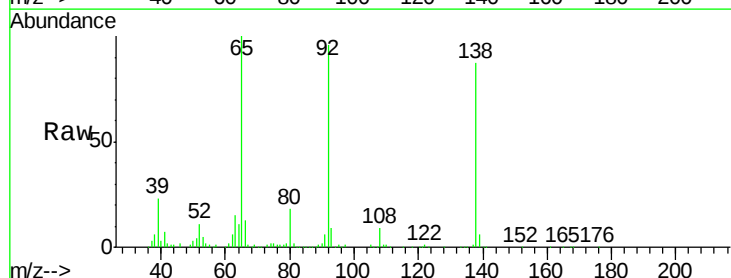
Tgt Ion:138 Resp: 170842

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

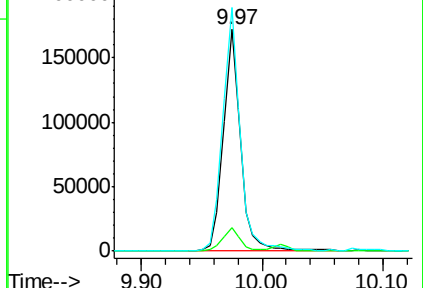
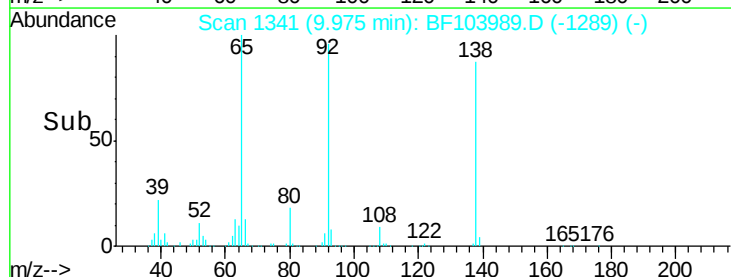
92 109.9 89.4 134.2

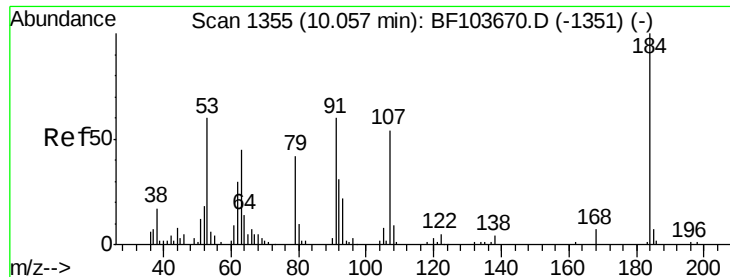


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

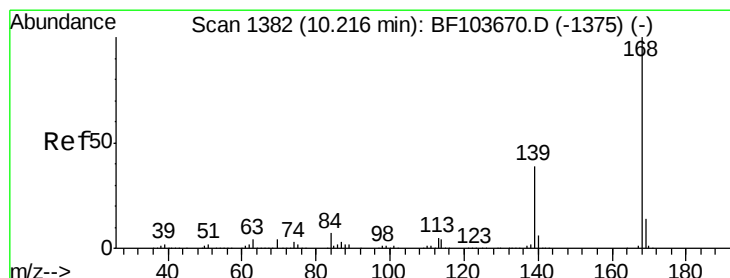
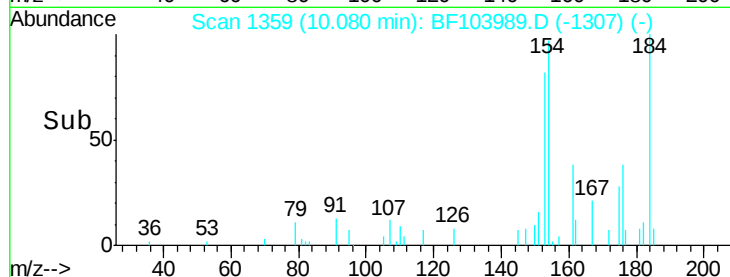
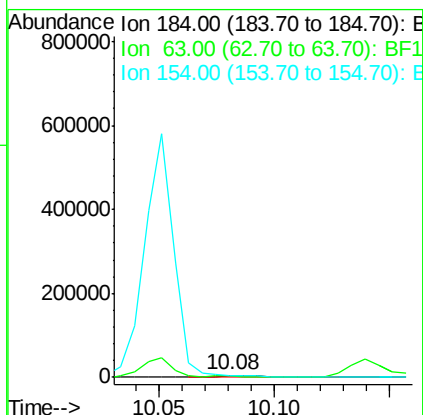
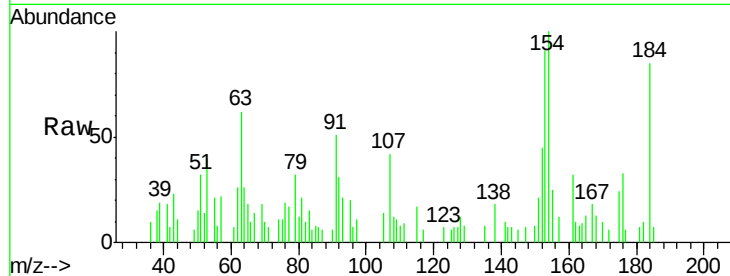




#53
2,4-Dinitrophenol
Concen: 17.983 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

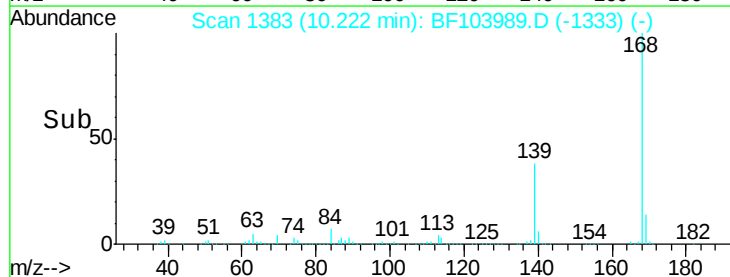
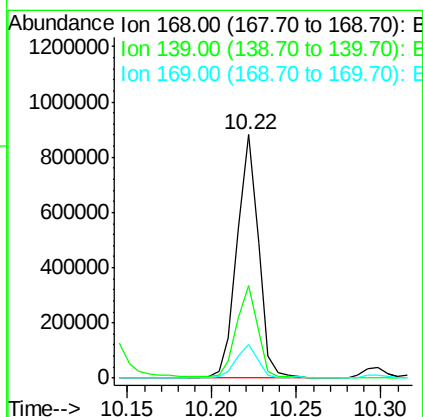
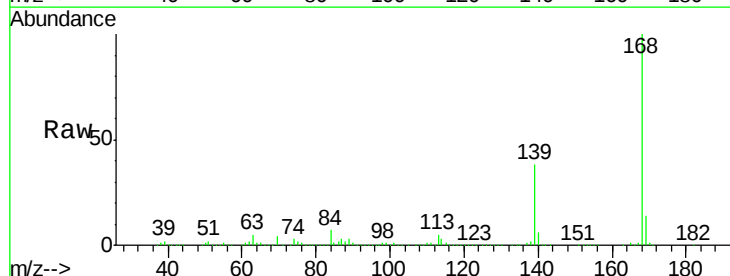
Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 6509
Ion Ratio Lower Upper
184 100
63 73.0 54.2 81.2
154 117.1 184.0 276.0#



#54
Dibenzofuran
Concen: 37.025 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion:168 Resp: 775809
Ion Ratio Lower Upper
168 100
139 37.9 30.1 45.1
169 13.7 10.9 16.3

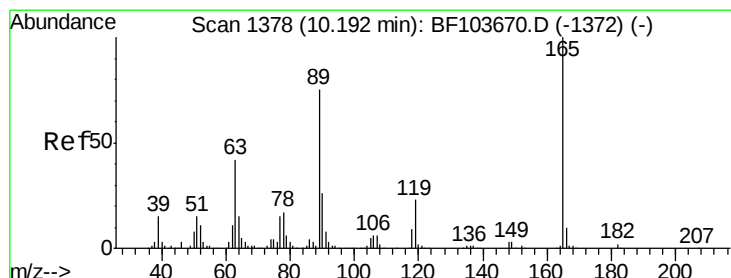
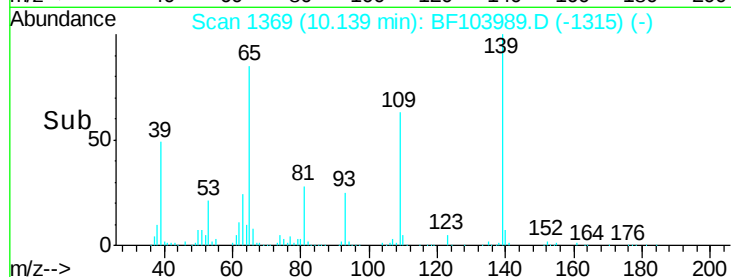
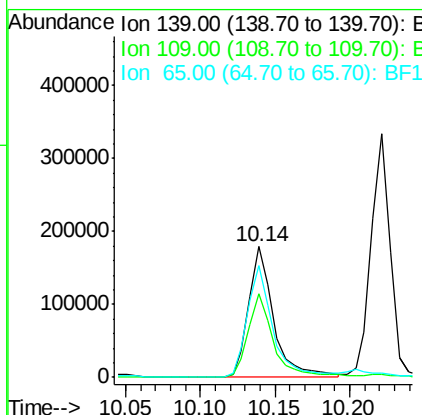
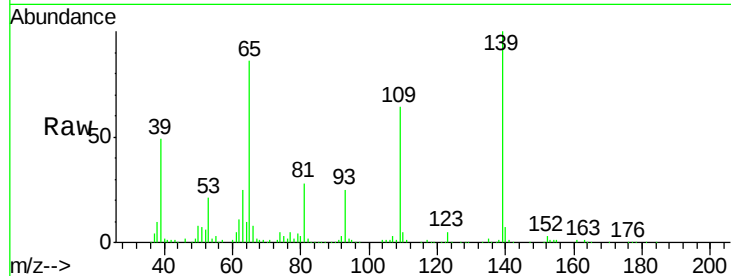




#55
4-Nitrophenol
Concen: 63.290 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.02 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

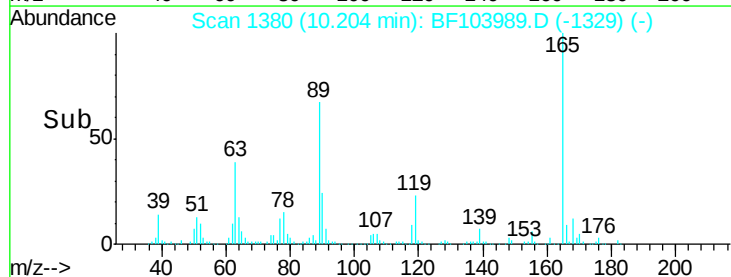
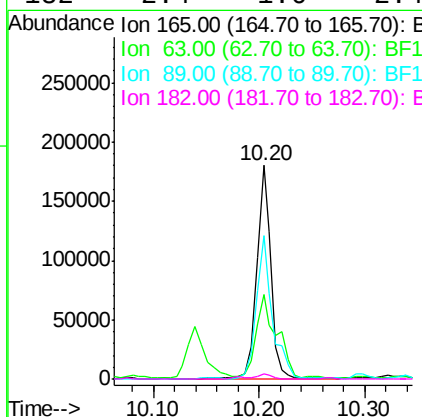
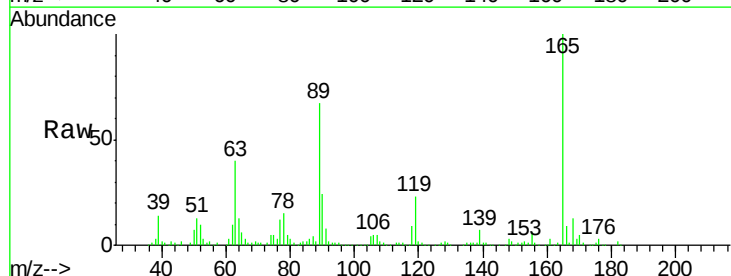
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 208972
Ion Ratio Lower Upper
139 100
109 63.6 48.4 88.4
65 85.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.953 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion:165 Resp: 174345
Ion Ratio Lower Upper
165 100
63 39.8 36.4 54.6
89 66.8 57.8 86.6
182 2.4 1.6 2.4#

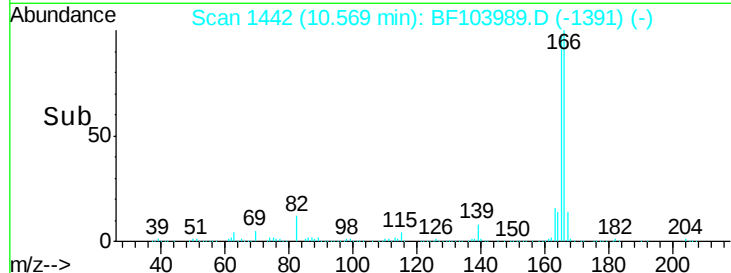
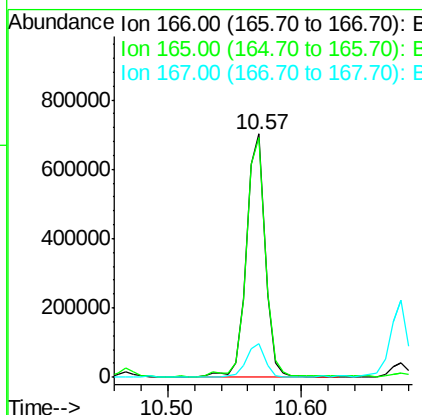
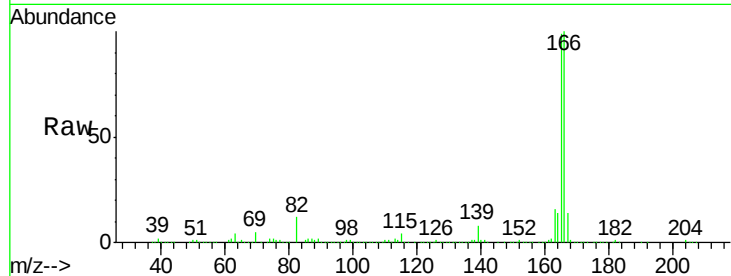




#57
 Fluorene
 Concen: 41.609 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

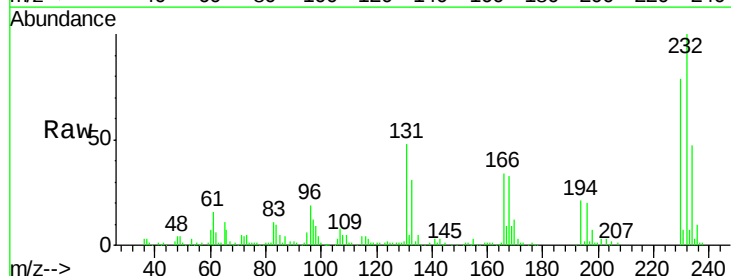
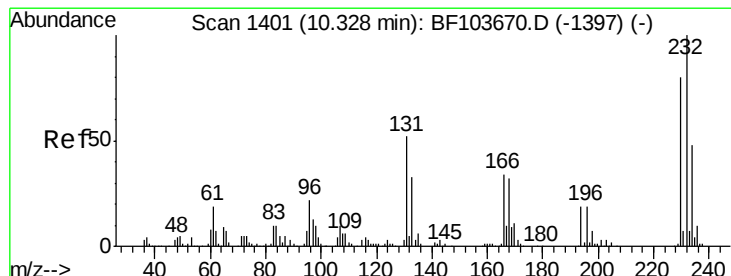
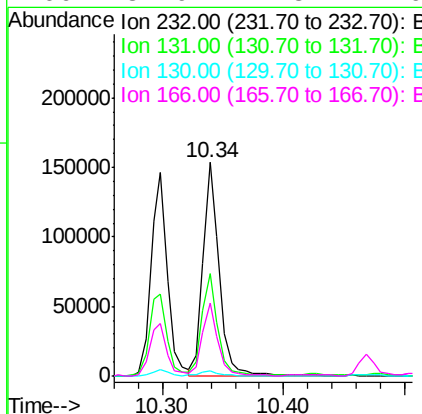
Instrument :
 BNA_F
 ClientSampleId :

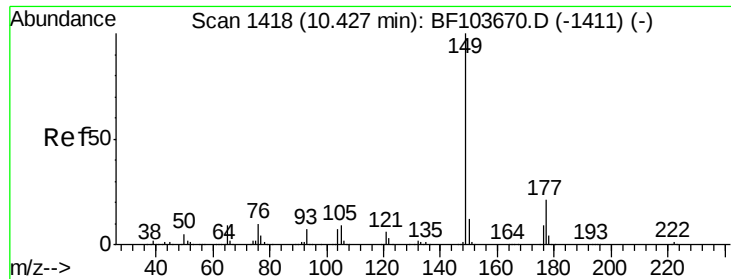
Tot Ion:166 Resp: 676551
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.588 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion:232 Resp: 142508
 Ion Ratio Lower Upper
 232 100
 131 46.8 43.8 65.8
 130 2.8 2.1 3.1
 166 32.9 27.8 41.6

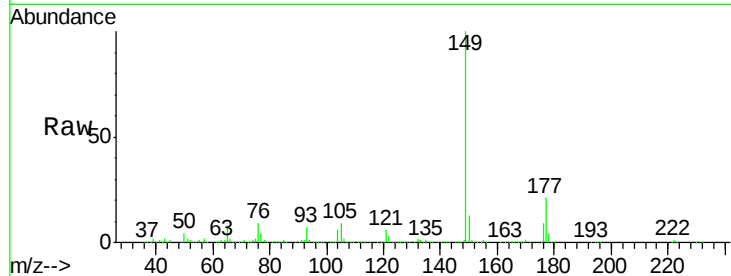




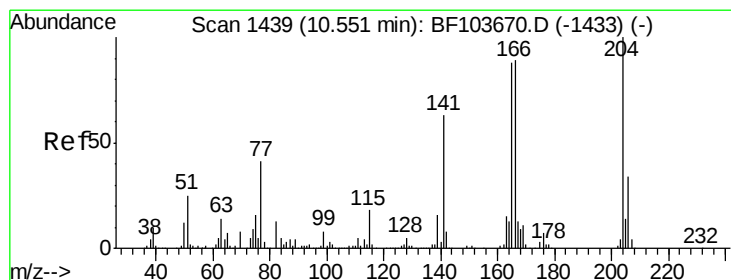
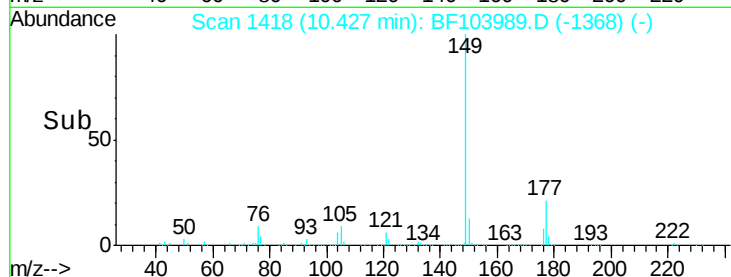
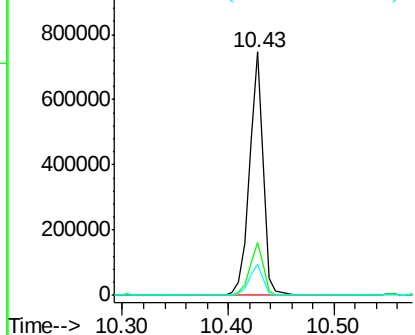
#59
Diethylphthalate
Concen: 36.440 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 663876
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.9 10.1 15.1

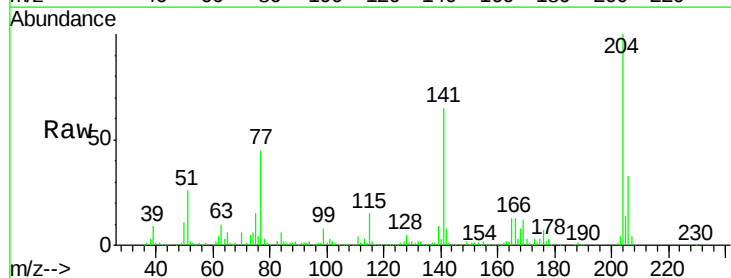


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

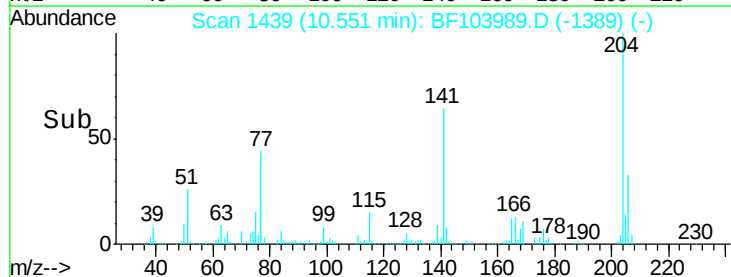
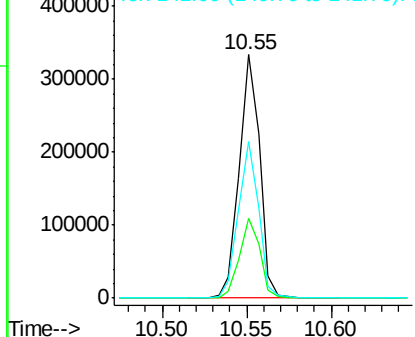


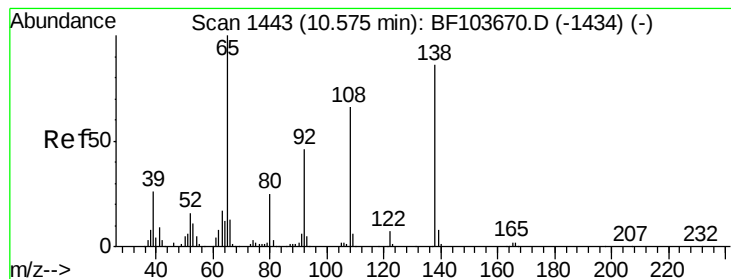
#60
4-Chlorophenyl-phenylether
Concen: 37.758 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion:204 Resp: 280575
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 64.6 54.6 81.8



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





#61

4-Nitroaniline

Concen: 42.184 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

ClientSampled :

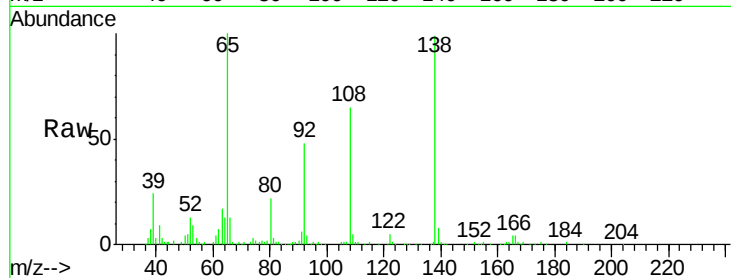
Tot Ion:138 Resp: 170754

Ion Ratio Lower Upper

138 100

92 48.6 30.2 70.2

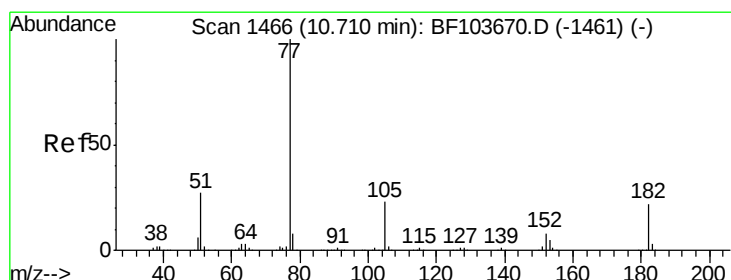
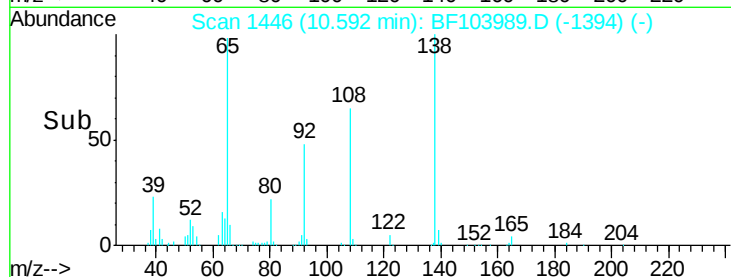
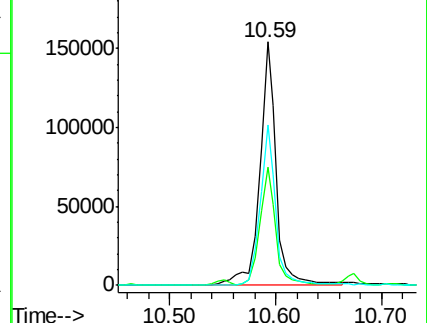
108 65.9 52.5 92.5



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



#62

Azobenzene

Concen: 31.153 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Tgt Ion: 77 Resp: 577022

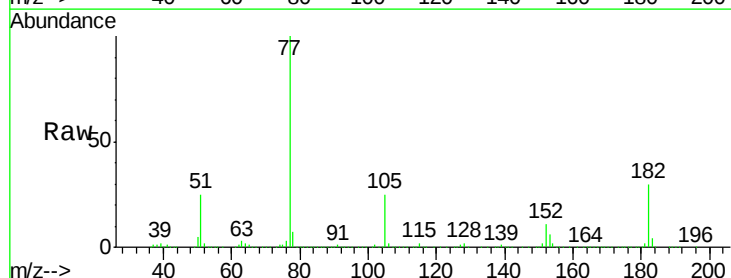
Ion Ratio Lower Upper

77 100

182 30.1 1.7 41.7

105 25.1 3.0 43.0

51 24.7 9.9 49.9

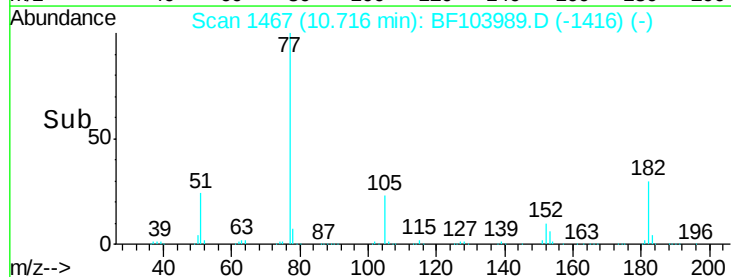
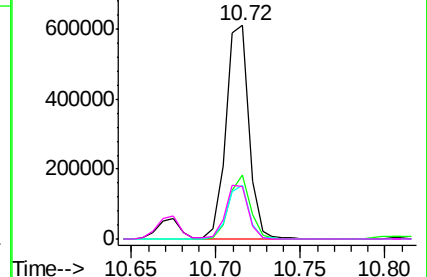


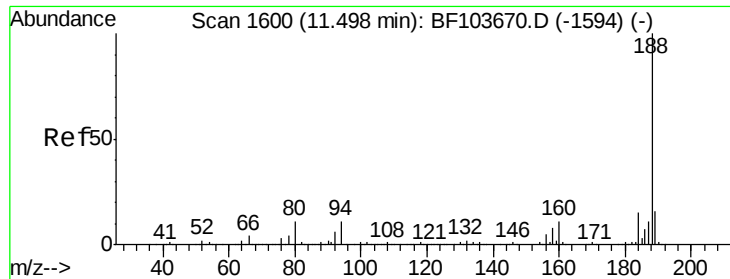
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

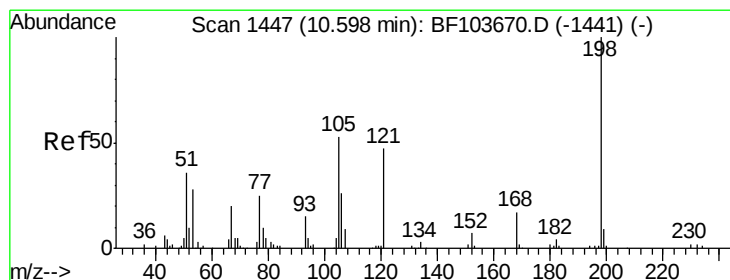
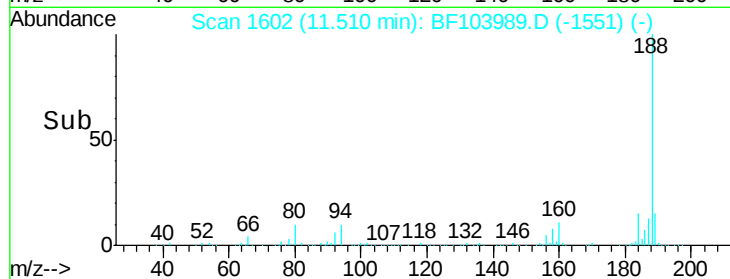
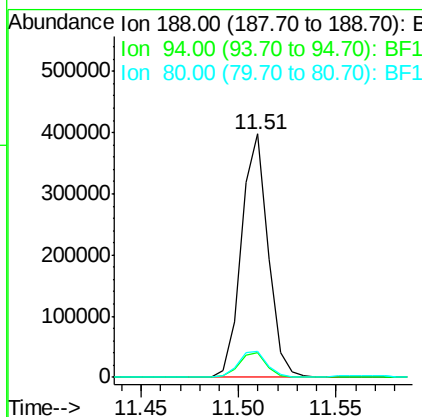
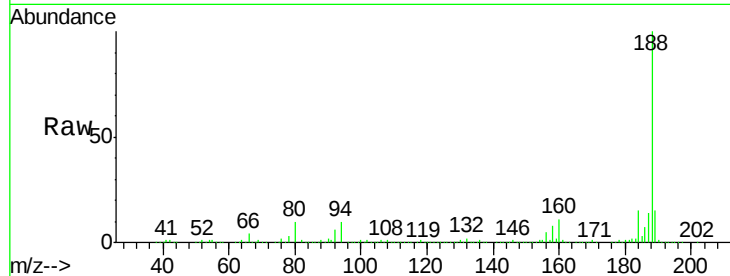




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

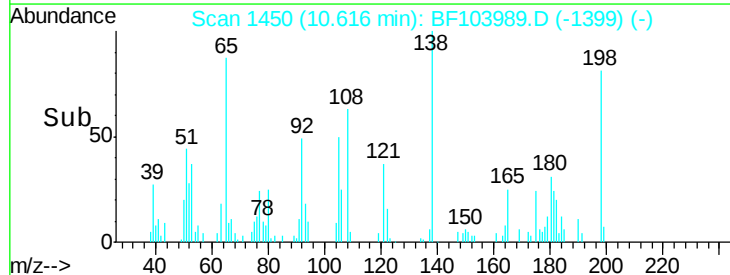
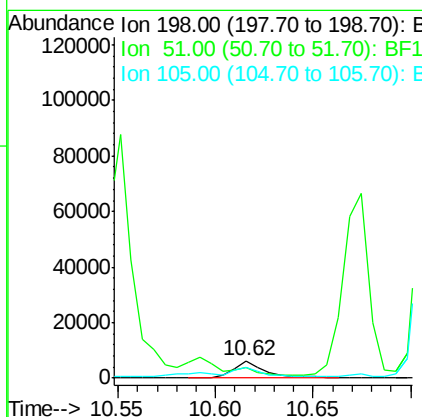
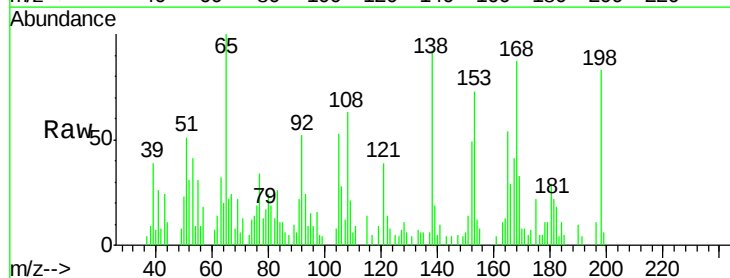
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 377089
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 10.5 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 13.390 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion:198 Resp: 6880
 Ion Ratio Lower Upper
 198 100
 51 62.1 37.7 77.7
 105 63.8 36.3 76.3

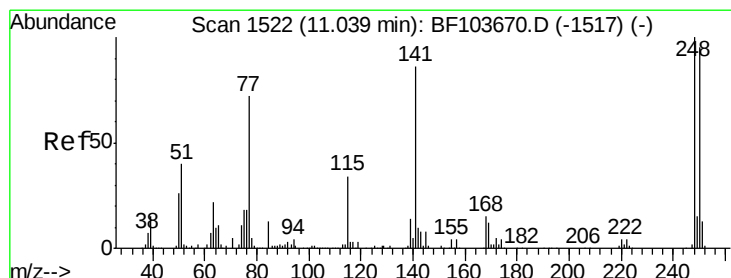
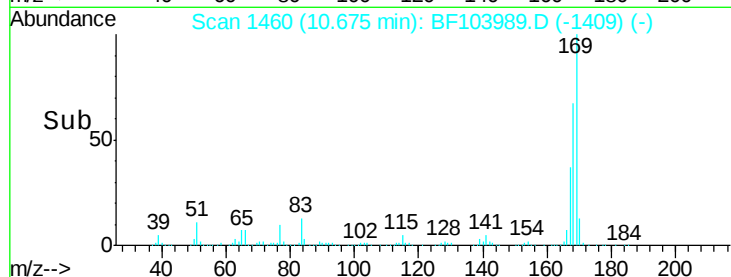
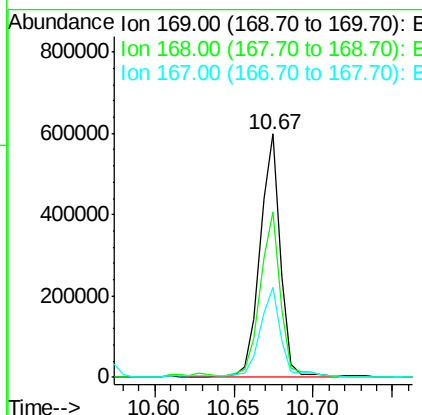
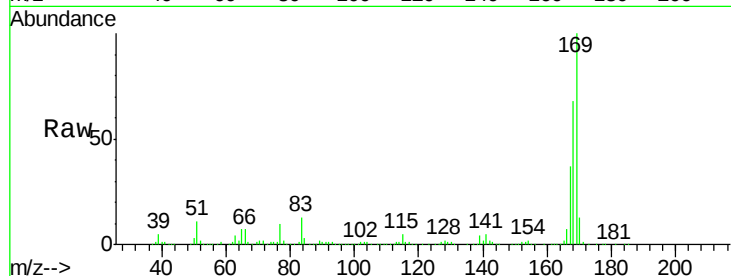




#65
 n-Nitrosodiphenylamine
 Concen: 41.501 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

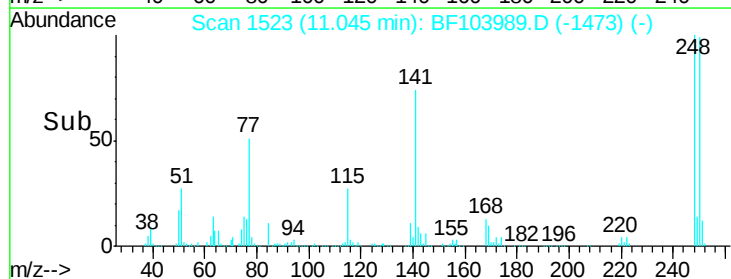
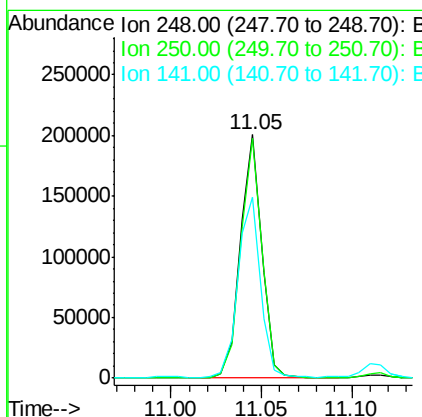
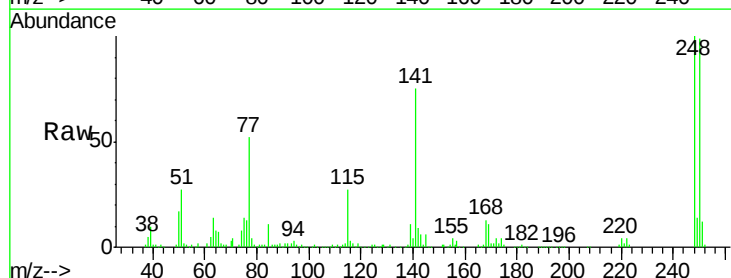
Instrument :
 BNA_F
 ClientSampleId :

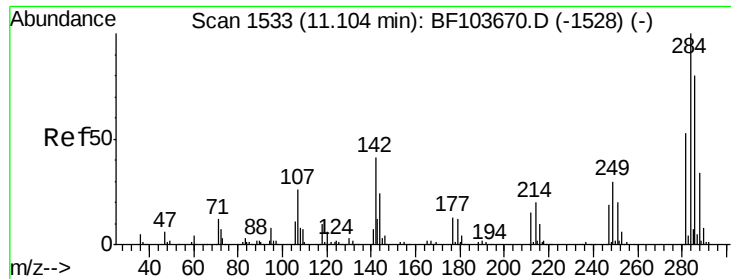
Tot Ion:169 Resp: 532678
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.4 81.6
 167 37.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.743 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion:248 Resp: 165490
 Ion Ratio Lower Upper
 248 100
 250 98.7 76.9 115.3
 141 74.5 74.4 111.6

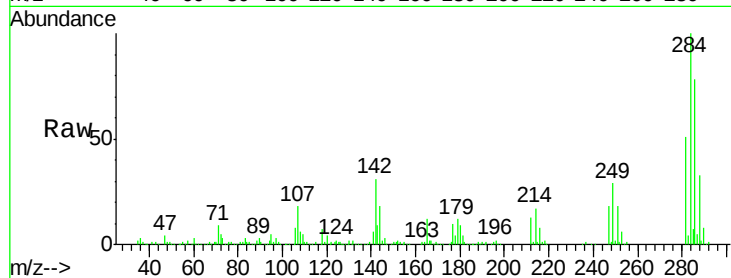




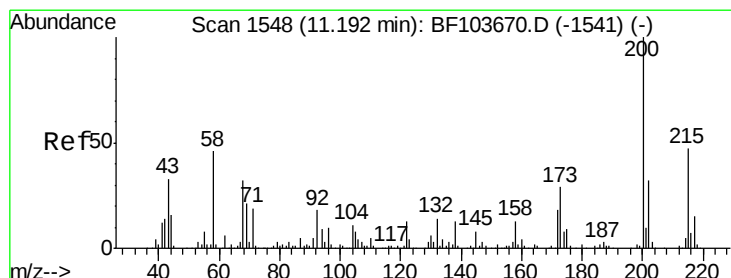
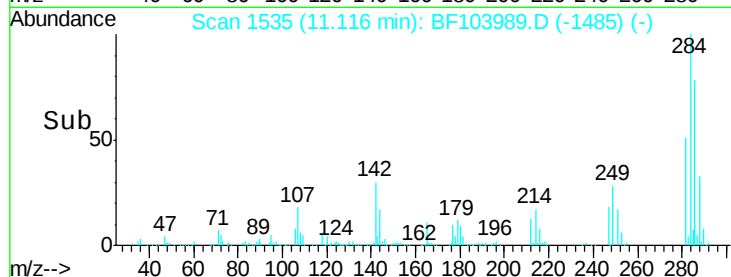
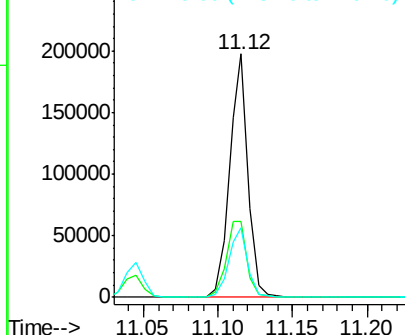
#67
Hexachlorobenzene
Concen: 38.750 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 171234
Ion Ratio Lower Upper
284 100
142 31.0 34.6 52.0#
249 28.6 24.8 37.2

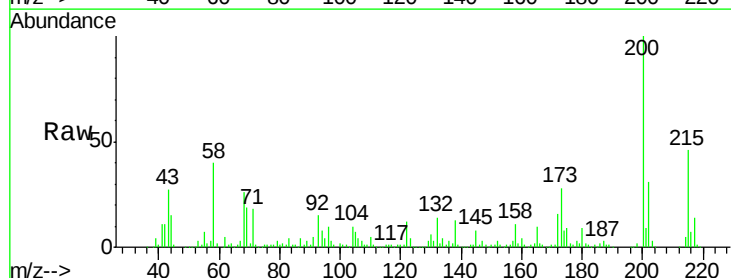


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

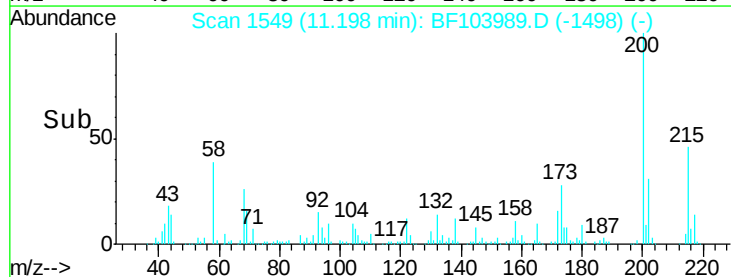
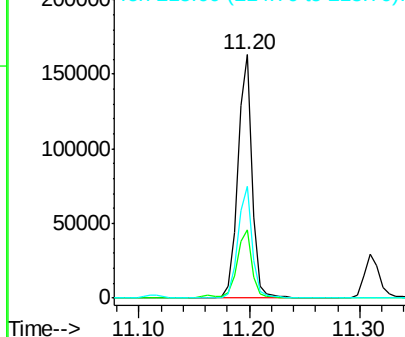


#68
Atrazine
Concen: 37.243 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion:200 Resp: 147875
Ion Ratio Lower Upper
200 100
173 27.8 8.6 48.6
215 45.8 25.1 65.1



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

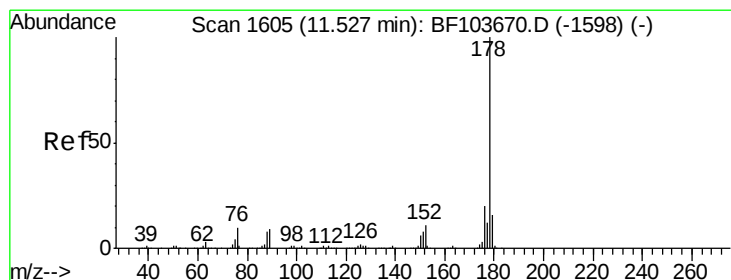
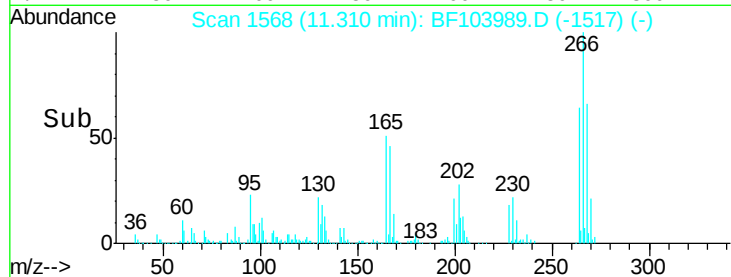
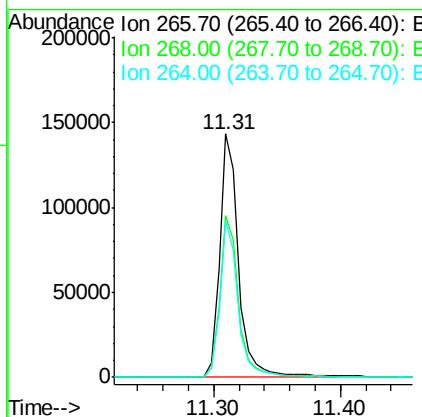
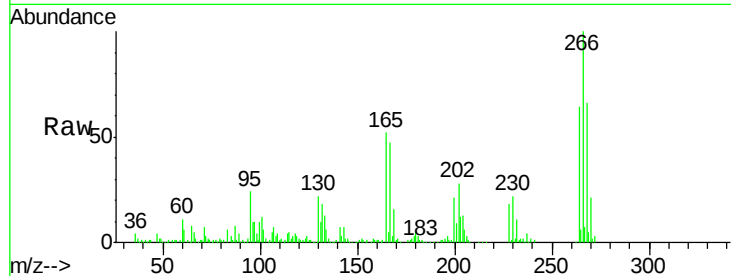




#69
 Pentachlorophenol
 Concen: 58.857 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

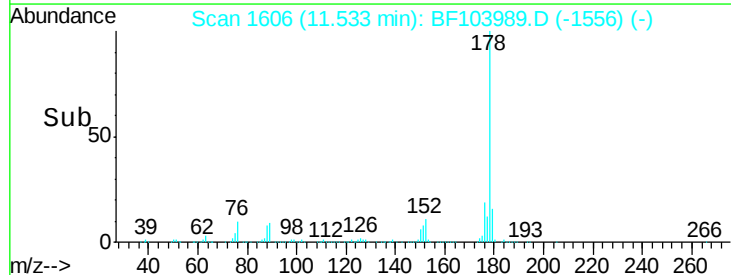
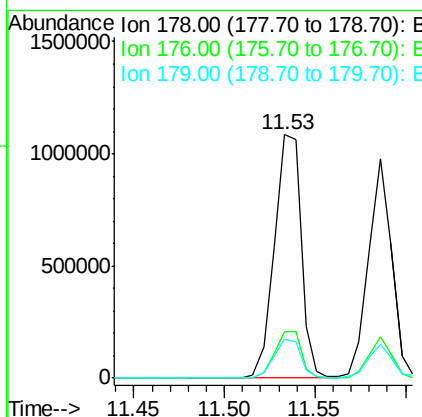
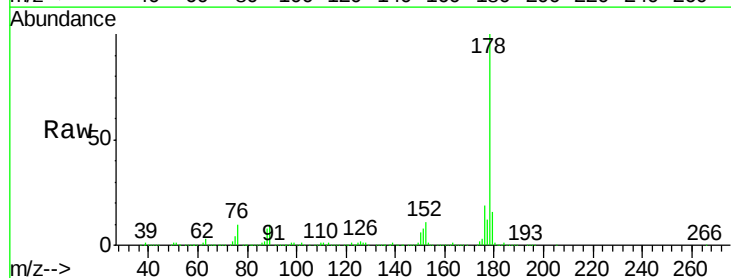
Instrument :
 BNA_F
 ClientSampleId :

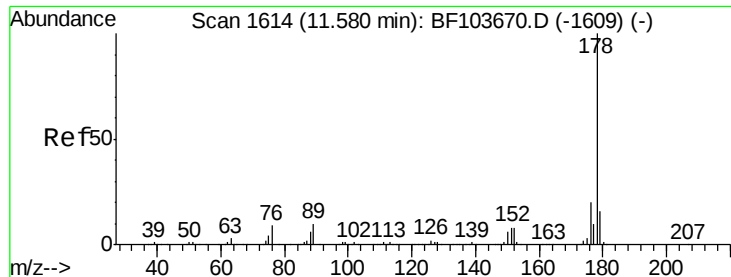
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.3	51.1	76.7
264	64.4	49.5	74.3



#70
 Phenanthrene
 Concen: 54.081 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	16.0	13.0	19.6





#71

Anthracene

Concen: 41.848 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

ClientSampleId :

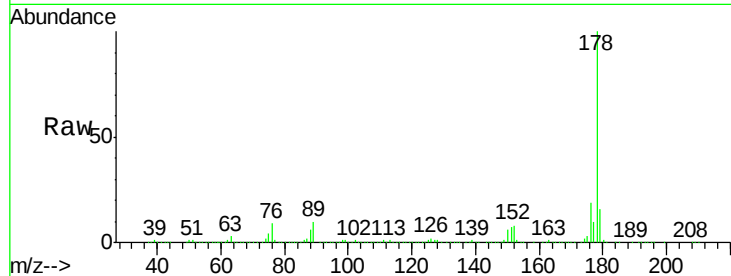
Tot Ion:178 Resp: 876740

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

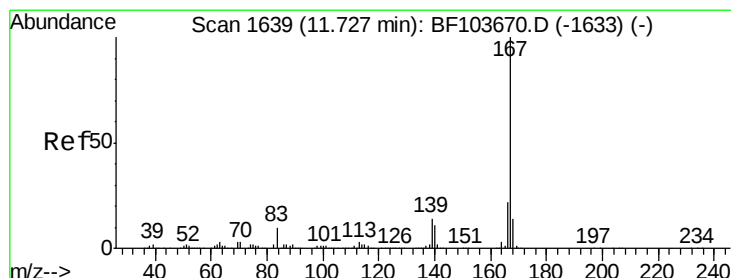
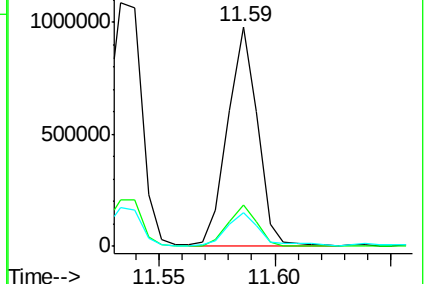
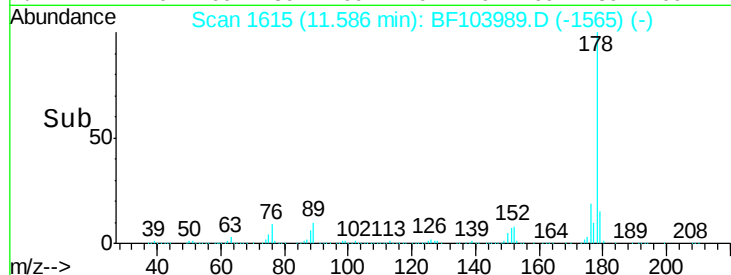
179 15.6 12.6 19.0



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

Carbazole

Concen: 34.971 ng

RT: 11.75 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

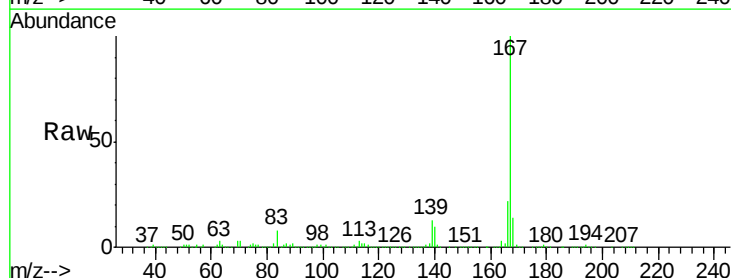
Tgt Ion:167 Resp: 712110

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

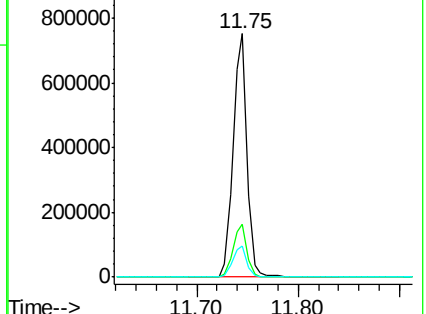
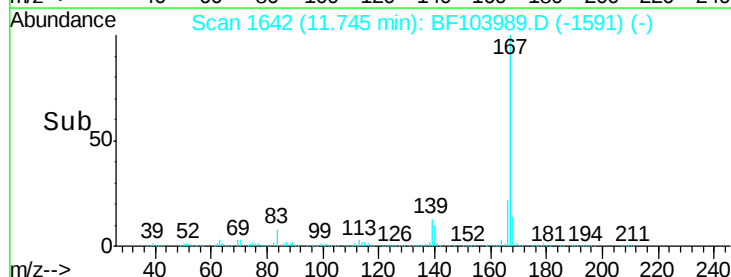
139 12.7 10.9 16.3

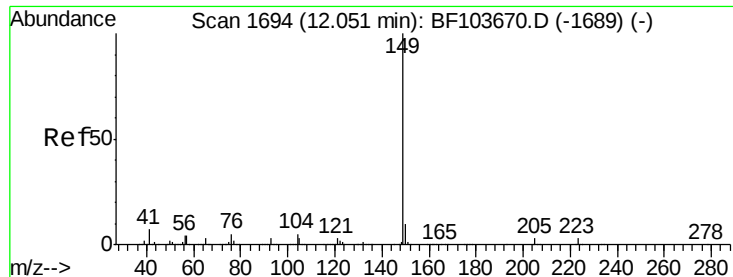


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

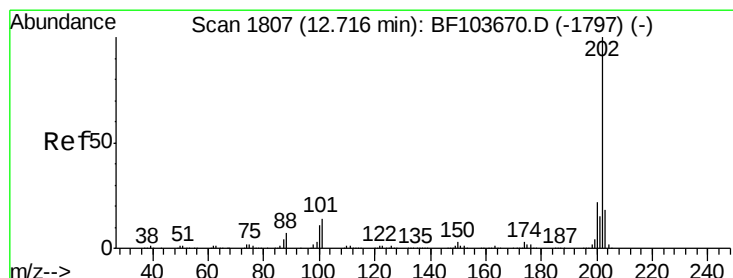
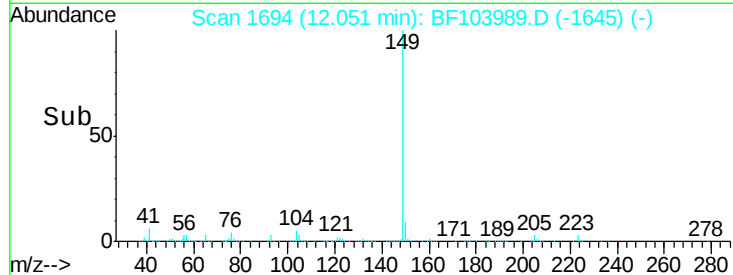
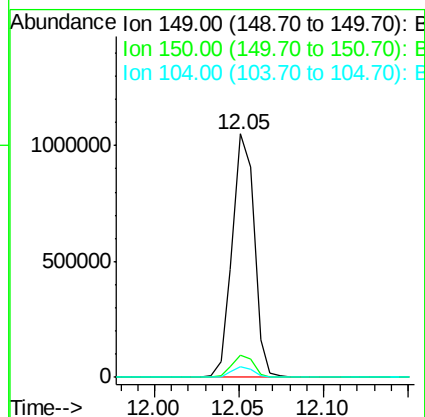
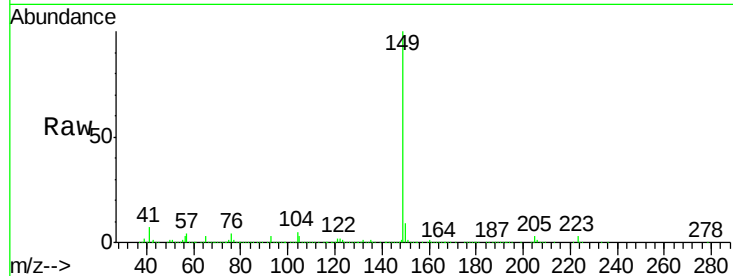




#73
Di-n-butylphthalate
Concen: 38.753 ng
RT: 12.05 min Scan# 1694
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

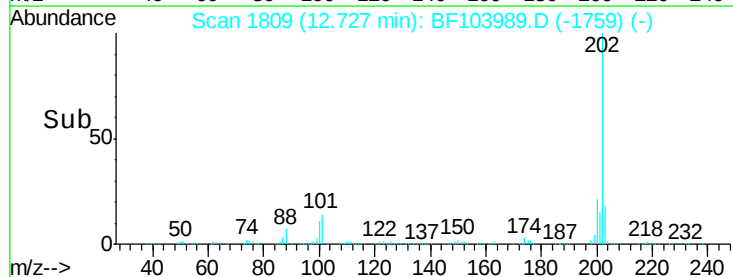
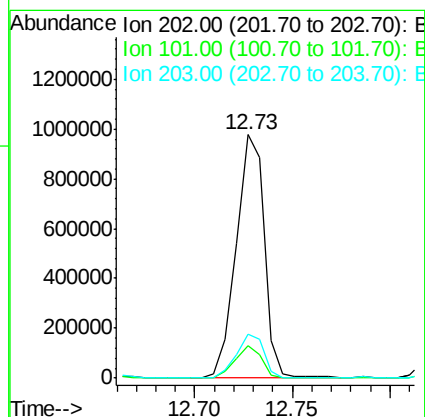
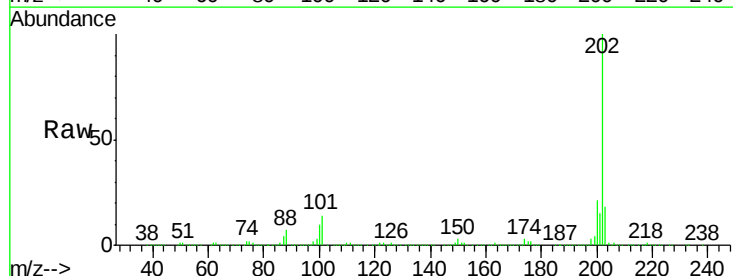
Instrument :
BNA_F
ClientSampled :

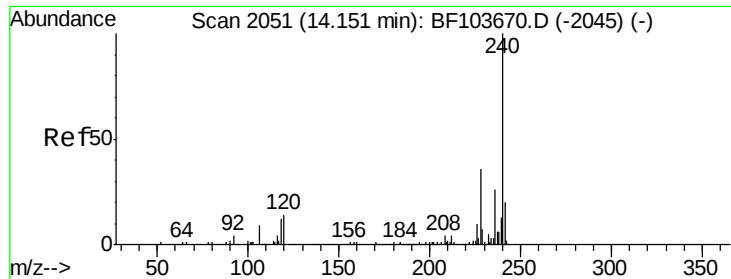
Tot Ion:149 Resp: 946864
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.6 3.8 5.8



#74
Fluoranthene
Concen: 45.854 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion:202 Resp: 974441
Ion Ratio Lower Upper
202 100
101 13.6 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

ClientSampleId :

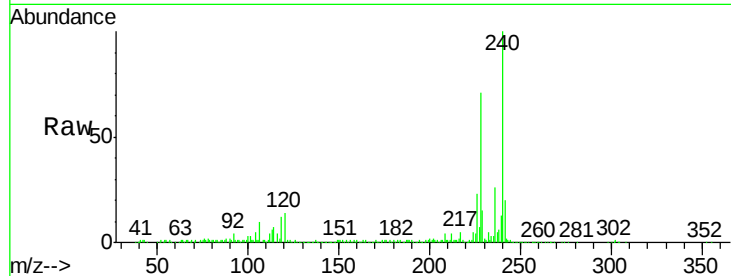
Tot Ion:240 Resp: 247435

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

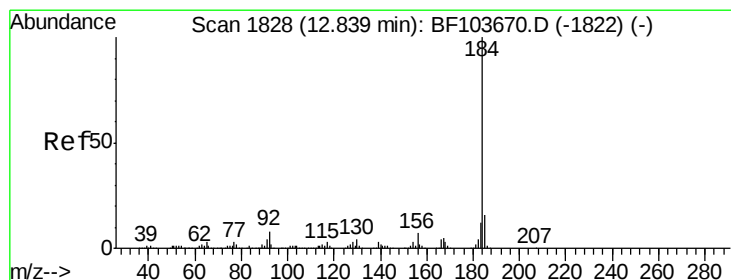
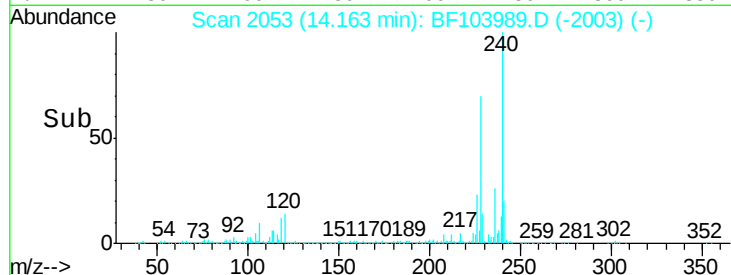
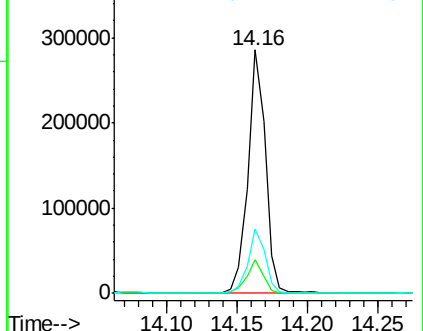
236 26.2 20.7 31.1



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



#76

Benzidine

Concen: 41.098 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

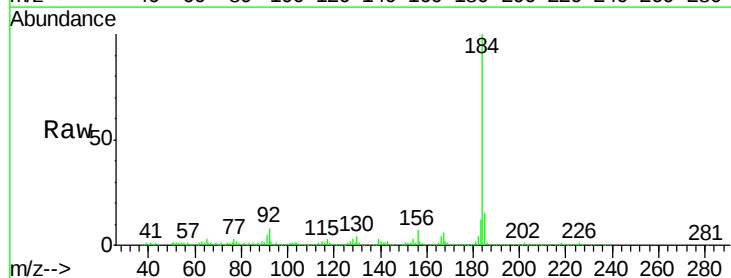
Tgt Ion:184 Resp: 433711

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

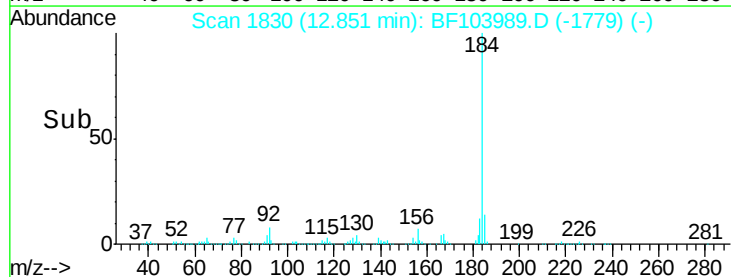
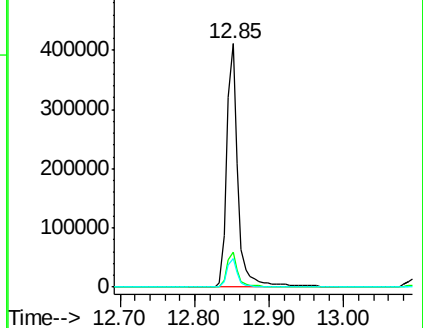
183 12.0 9.3 13.9

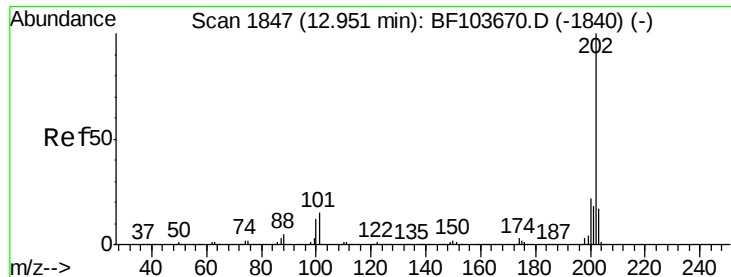


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

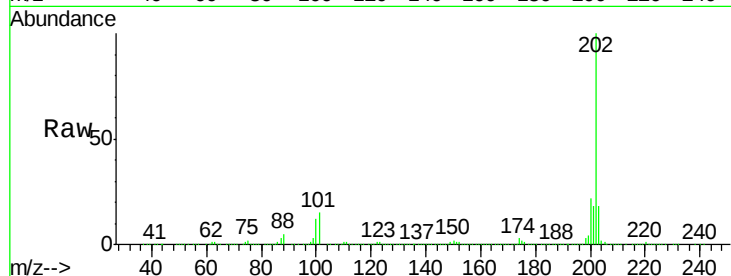




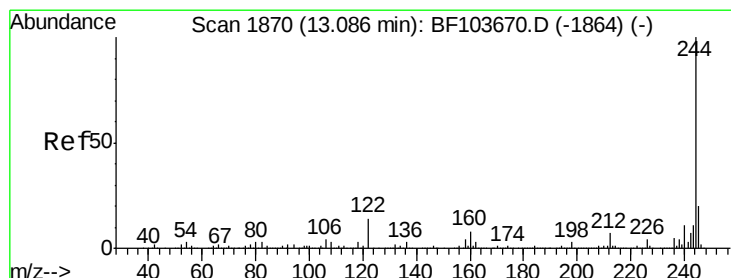
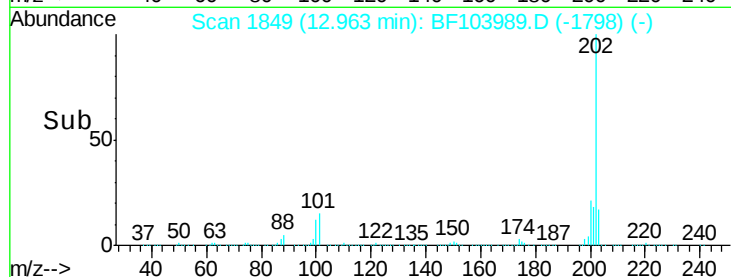
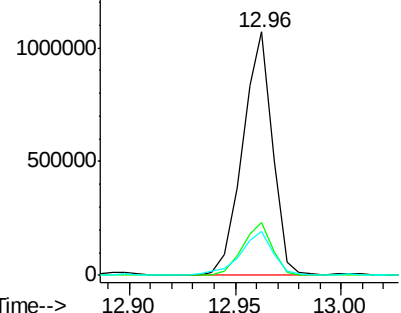
#77
Pvrene
Concen: 57.681 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1048140
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 18.0 14.3 21.5

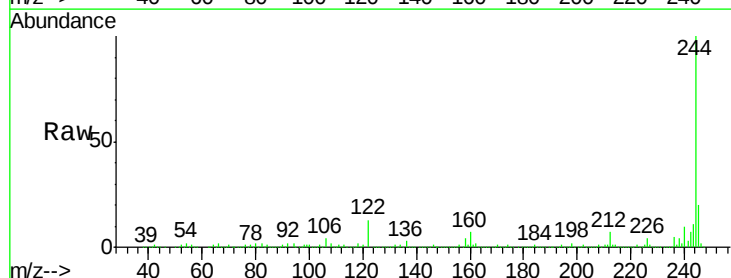


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

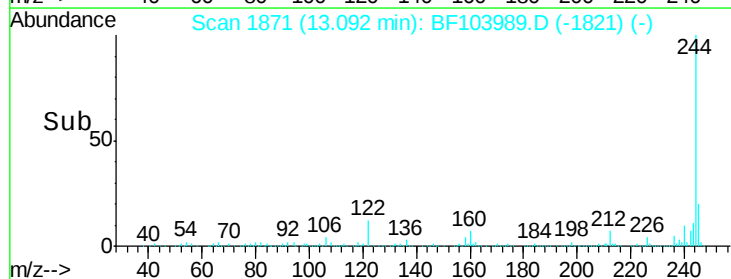
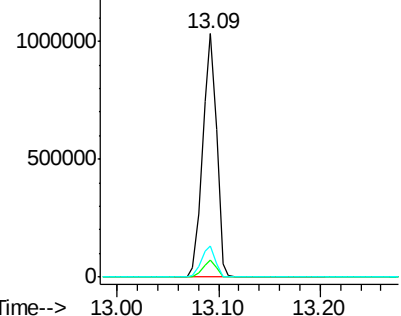


#78
Terphenyl-d14
Concen: 92.621 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion:244 Resp: 987342
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.5 11.0 16.4



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

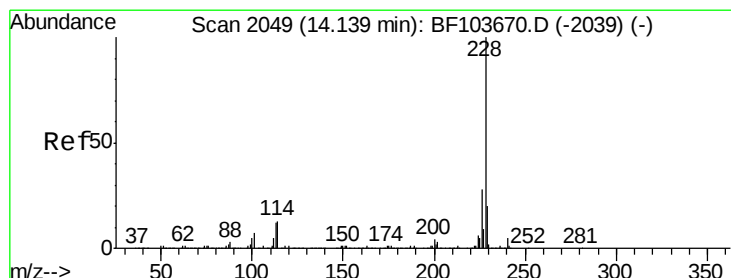
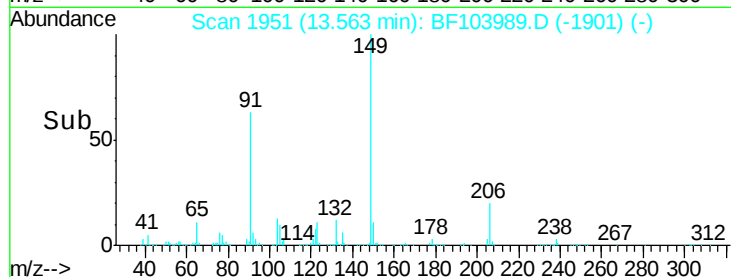
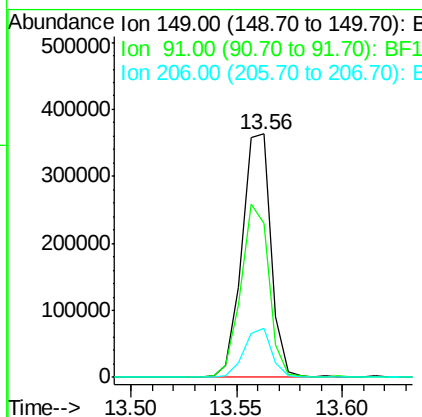
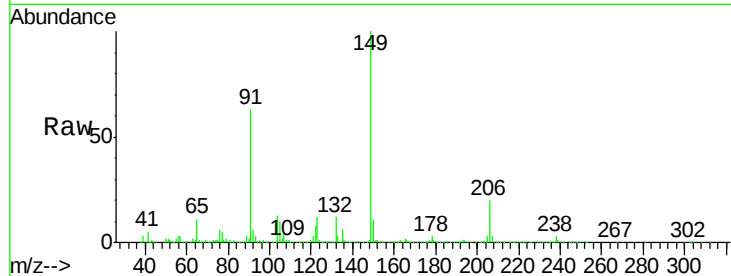




#79
Butylbenzylphthalate
Concen: 42.643 ng
RT: 13.56 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

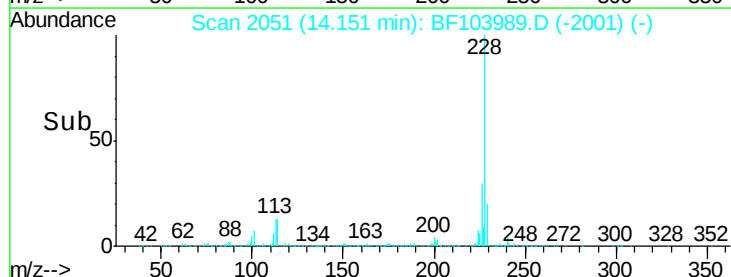
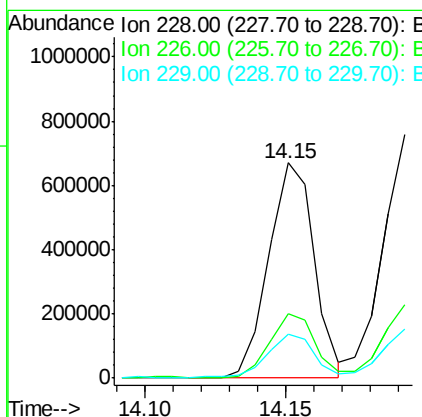
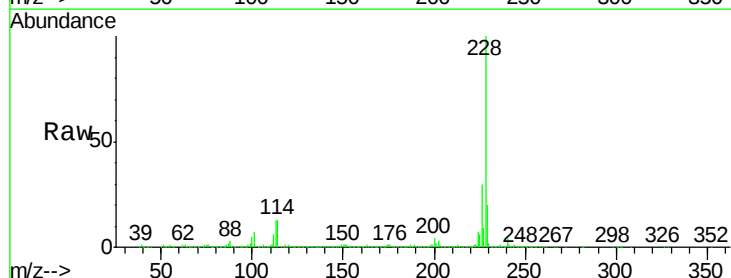
Instrument :
BNA_F
ClientSampleId :

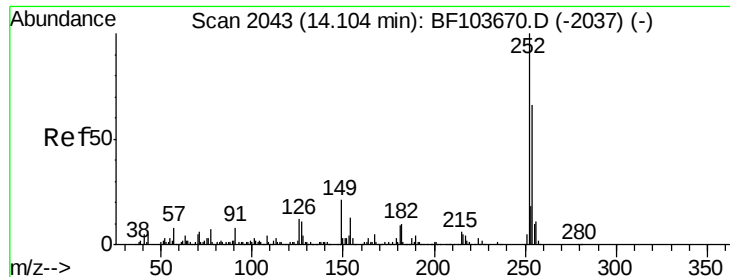
Tot Ion	Ratio	Lower	Upper
149	100		
91	63.4	56.8	85.2
206	20.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 47.573 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	20.2	15.8	23.6

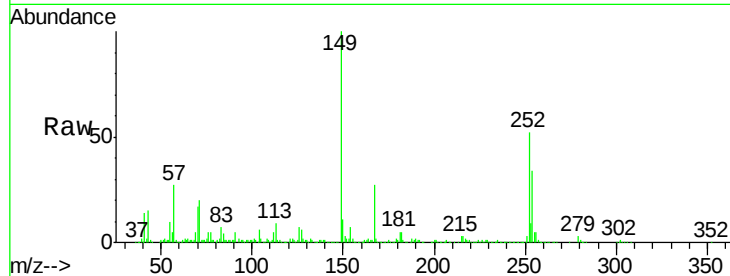




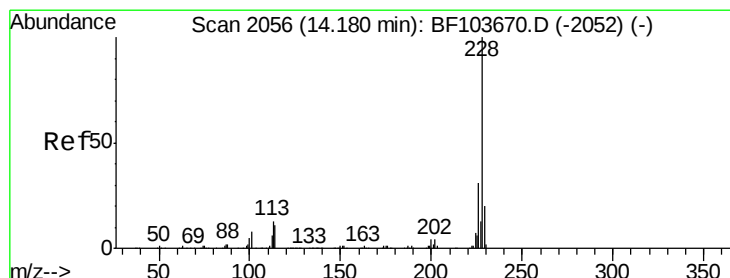
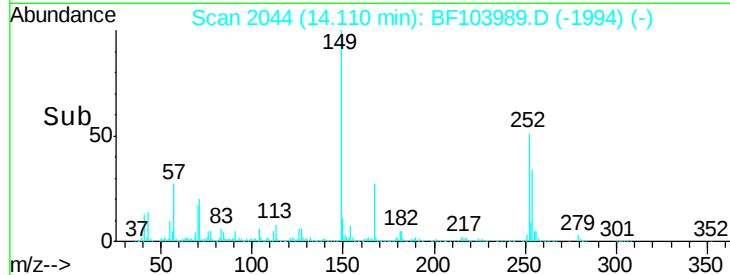
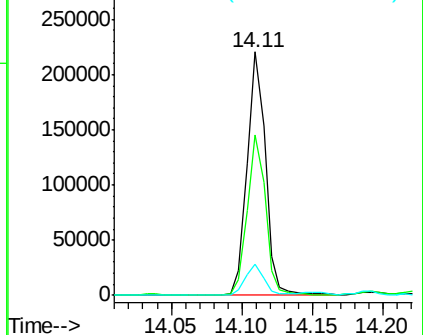
#81
 3,3'-Dichlorobenzidine
 Concen: 38.773 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.4	75.6
126	12.7	11.3	16.9

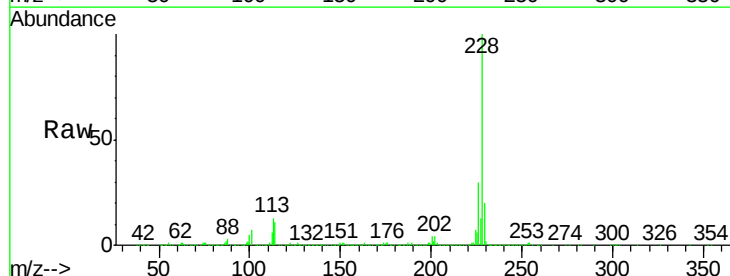


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

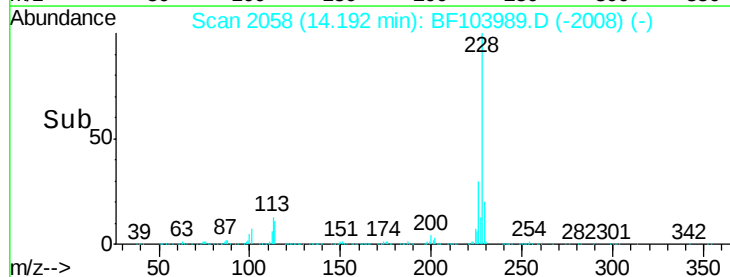
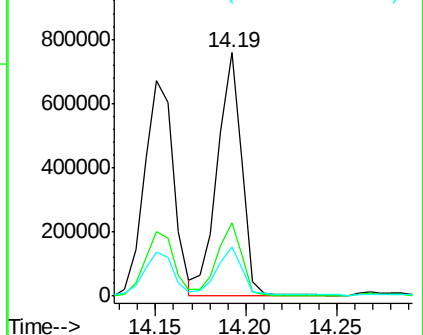


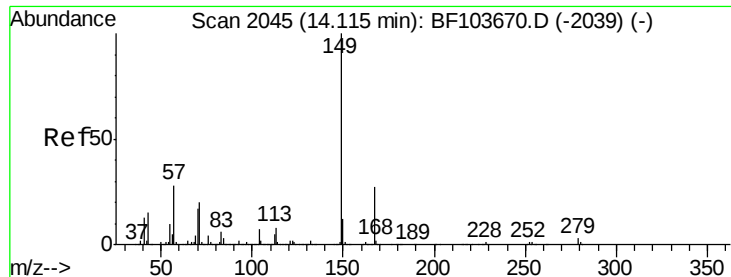
#82
 Chrysene
 Concen: 47.062 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.3	16.2	24.4



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

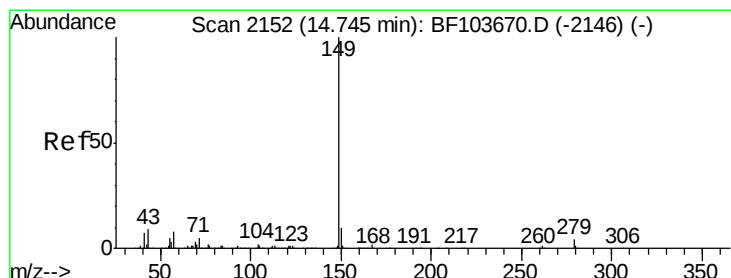
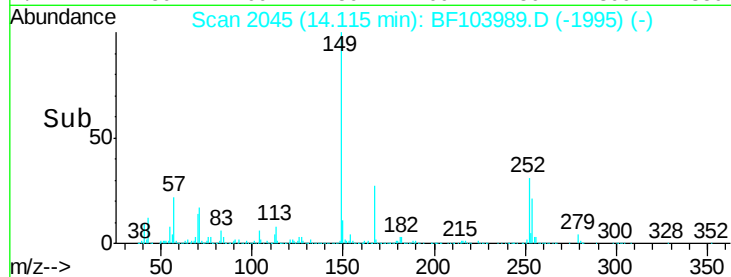
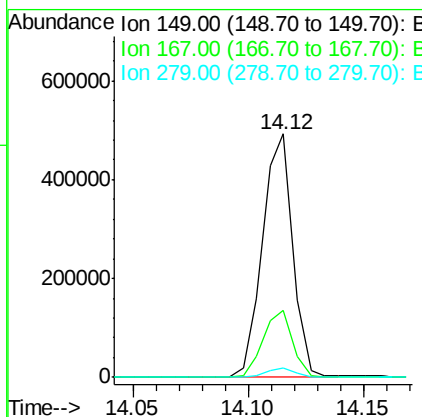
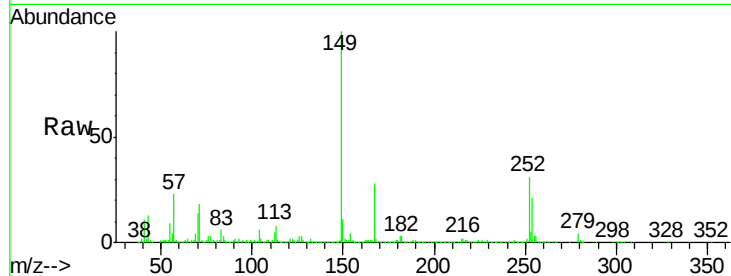




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.921 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

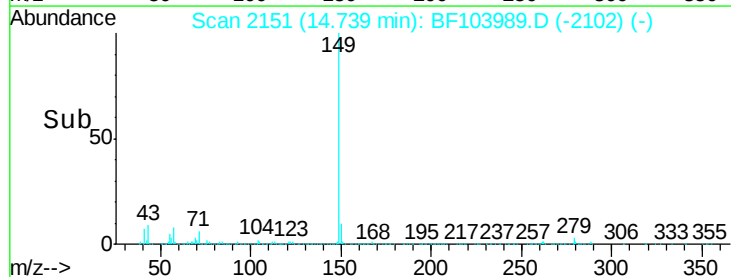
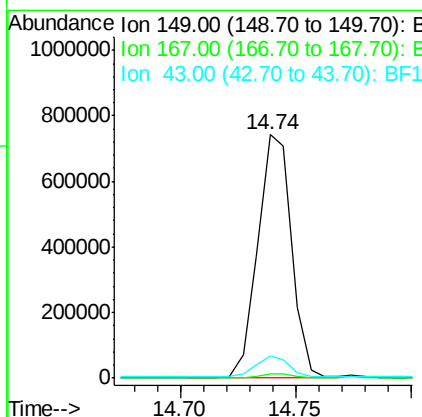
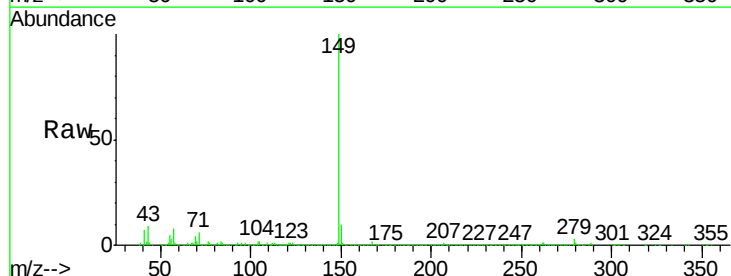
Instrument :
 BNA_F
 ClientSampleId :

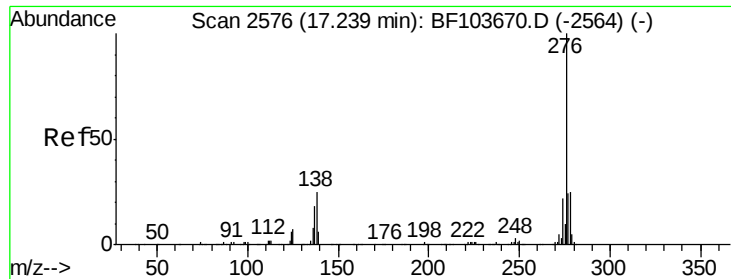
Tot Ion	149	Resp	447645
Ion Ratio	100	Lower	Upper
167	27.6	21.3	31.9
279	4.0	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 45.047 ng
 RT: 14.74 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion	149	Resp	753749
Ion Ratio	100	Lower	Upper
167	1.6	1.2	1.8
43	8.3	8.4	12.6#

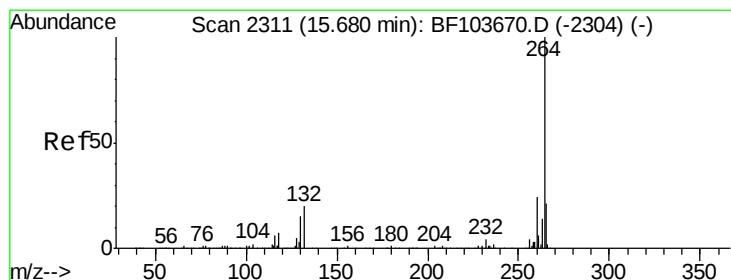
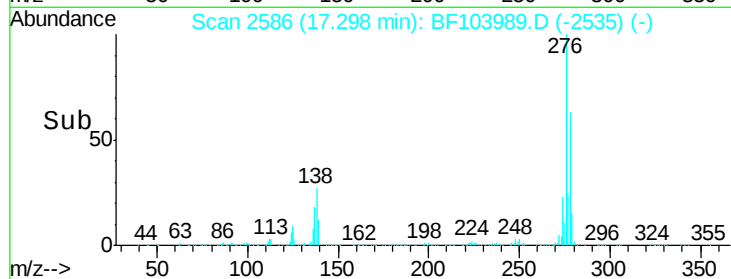
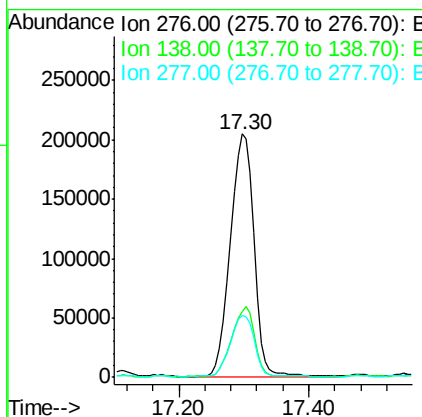
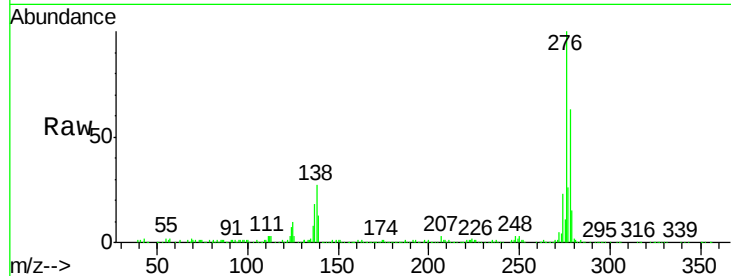




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.591 ng
 RT: 17.30 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

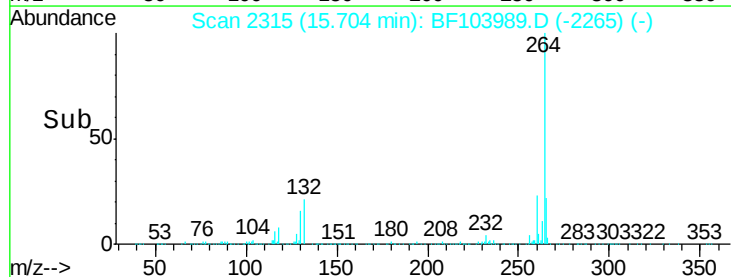
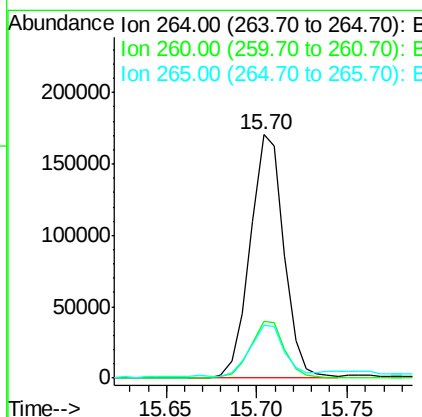
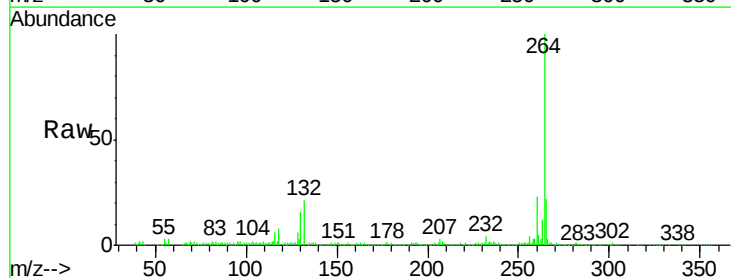
Instrument :
 BNA_F
 ClientSampleId :

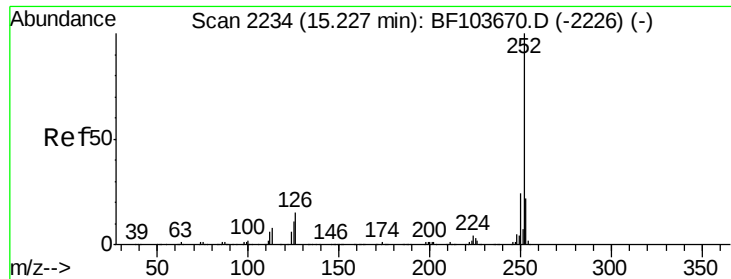
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	25.0	37.6
277	25.4	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.9	17.5	26.3

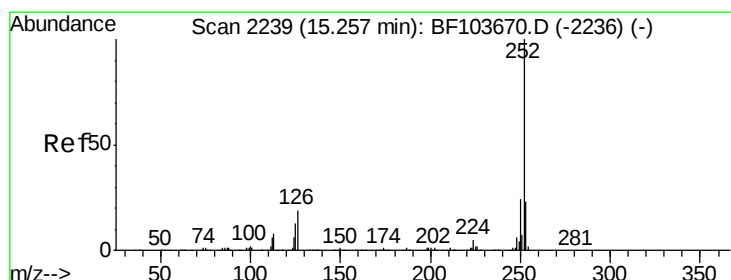
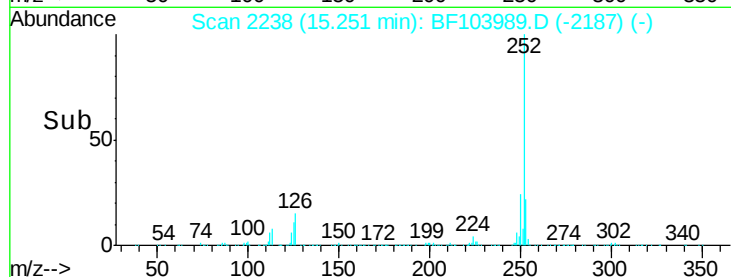
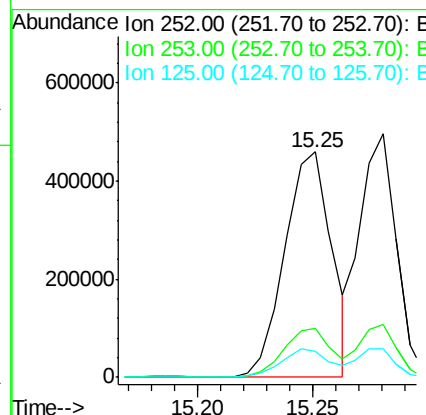
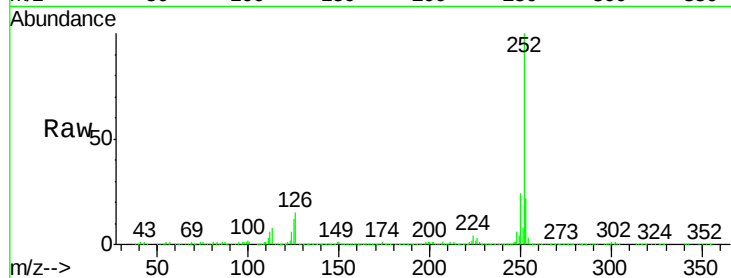




#87
Benzo(b)fluoranthene
Concen: 46.455 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

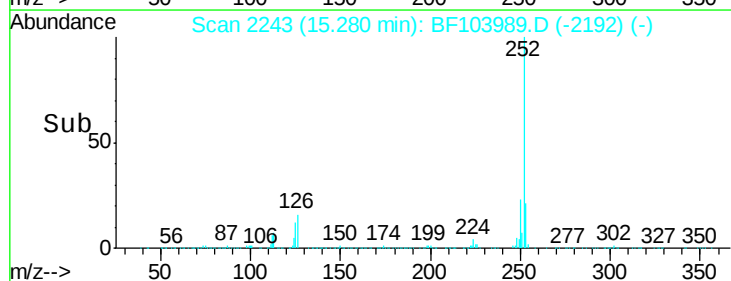
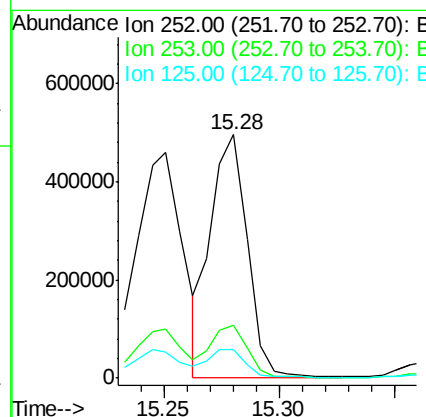
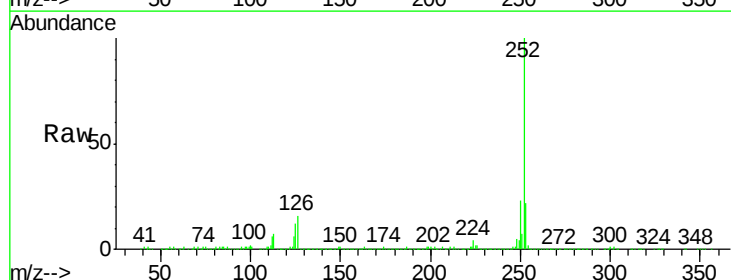
Instrument :
BNA_F
ClientSampleId :

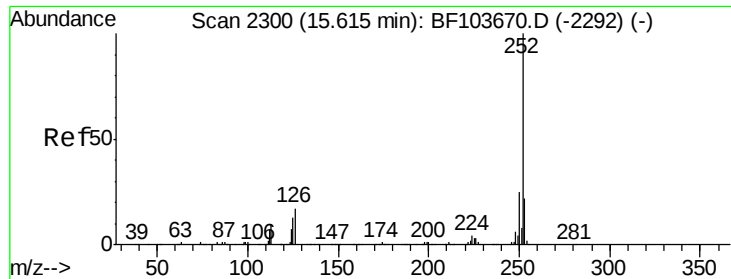
Tot Ion:252 Resp: 645911
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.964 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion:252 Resp: 547500
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 12.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 47.422 ng

RT: 15.64 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

ClientSampleId :

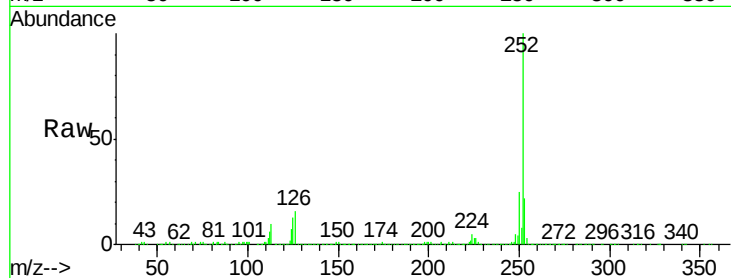
Tot Ion:252 Resp: 598043

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

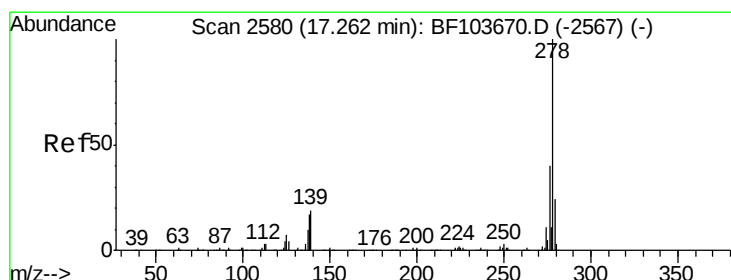
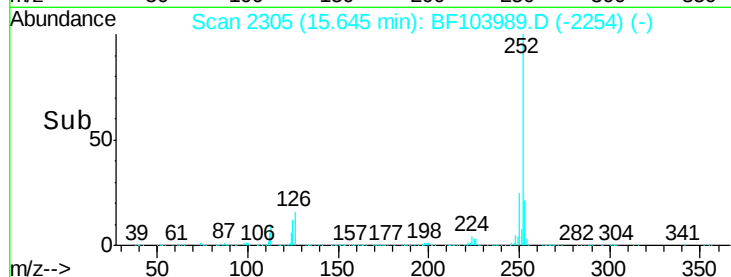
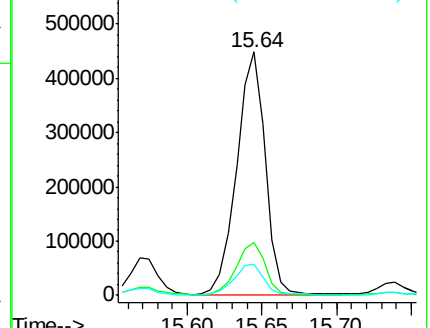
125 12.8 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 36.932 ng

RT: 17.31 min Scan# 2588

Delta R.T. -0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

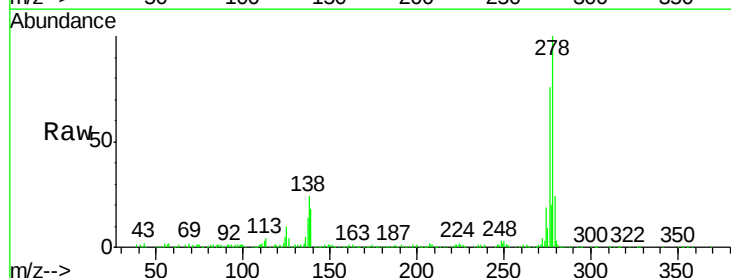
Tgt Ion:278 Resp: 403290

Ion Ratio Lower Upper

278 100

139 18.4 15.9 23.9

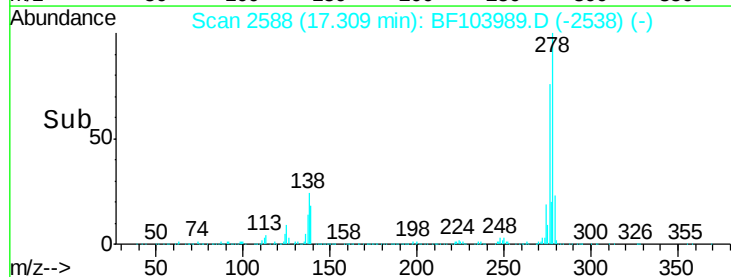
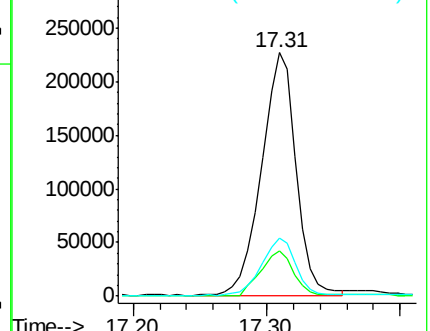
279 23.6 19.0 28.4

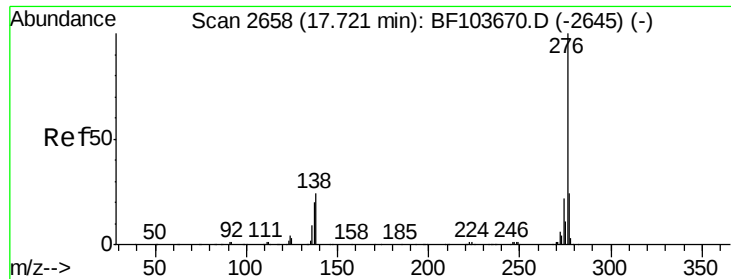


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 40.049 ng
 RT: 17.79 min Scan# 2669
 Delta R.T. 0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	24.0	21.8	32.8

