

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102749.D
 Acq On : 5 Feb 2018 20:21
 Operator : SJ/JU
 Sample : J1456-02MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 00:43:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	195390	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	882074	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	366641	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	482142	20.00	ng	0.00
75) Chrysene-d12	14.07	240	234116	20.00	ng	0.02
86) Perylene-d12	15.56	264	253541	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1540334	119.72	ng	0.01
7) Phenol-d6	6.52	99	1835226	118.47	ng	0.01
23) Nitrobenzene-d5	7.45	82	1014637	79.80	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	325560	110.32	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1720199	77.85	ng	0.00
78) Terphenyl-d14	13.01	244	893089	90.32	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	228465	35.952	ng	# 85
3) Pyridine	3.48	79	659791	37.580	ng	87
4) n-Nitrosodimethylamine	3.42	42	352736	46.957	ng	95
6) Aniline	6.55	93	251099	10.976	ng	95
8) 2-Chlorophenol	6.67	128	552039	41.677	ng	99
9) Benzaldehyde	6.43	77	208044	18.084	ng	94
10) Phenol	6.53	94	750745	45.220	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	557309	40.342	ng	90
12) 1,3-Dichlorobenzene	6.83	146	576224	37.567	ng	99
13) 1,4-Dichlorobenzene	6.90	146	492708	32.247	ng	97
14) 1,2-Dichlorobenzene	7.06	146	530624	37.285	ng	97
15) Benzyl Alcohol	7.02	79	492097	41.317	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	889379	33.891	ng	97
17) 2-Methylphenol	7.13	107	496903	40.670	ng	97
18) Hexachloroethane	7.40	117	217585	41.528	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	445522	43.619	ng	95
20) 3+4-Methylphenols	7.29	107	551961	36.634	ng	# 85
22) Acetophenone	7.30	105	785927	36.410	ng	# 96
24) Nitrobenzene	7.47	77	568160	37.975	ng	98
25) Isophorone	7.70	82	1194516	40.797	ng	# 96
26) 2-Nitrophenol	7.78	139	273433	45.131	ng	94
27) 2,4-Dimethylphenol	7.82	122	538797	43.557	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	690862	39.831	ng	98
29) 2,4-Dichlorophenol	8.02	162	475512	42.287	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	458802	36.066	ng	99
31) Naphthalene	8.19	128	1660426	38.528	ng	99
32) Benzoic acid	7.90	122	114993	20.637	ng	# 72
33) 4-Chloroaniline	8.24	127	265294	14.290	ng	99
34) Hexachlorobutadiene	8.30	225	236106	36.220	ng	99
35) Caprolactam	8.60	113	148346	37.986	ng	# 25
36) 4-Chloro-3-methylphenol	8.72	107	526263	41.652	ng	100
37) 2-Methylnaphthalene	8.88	142	1119359	39.672	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	402198	40.288	ng	99
40) Hexachlorocyclopentadiene	9.03	237	85031	17.917	ng	95

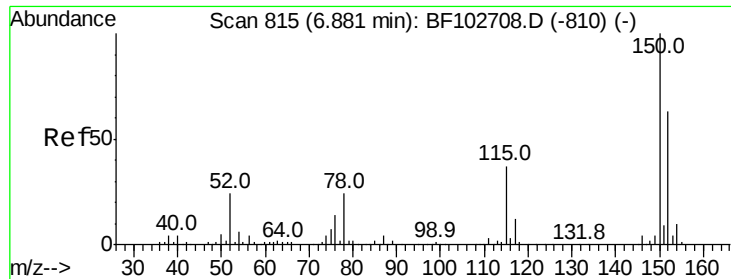
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	302101	46.072	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	321677	43.526	nq	98
45) 1,1'-Biphenyl	9.35	154	1169868	37.883	nq	100
46) 2-Chloronaphthalene	9.37	162	923795	37.998	nq	99
47) 2-Nitroaniline	9.46	65	353023	47.125	nq	88
48) Acenaphthylene	9.79	152	1351437	35.790	nq	99
49) Dimethylphthalate	9.65	163	1171642	40.984	nq	99
50) 2,6-Dinitrotoluene	9.71	165	234393	43.096	nq	90
51) Acenaphthene	9.96	154	833681	36.918	nq	100
52) 3-Nitroaniline	9.87	138	212440	31.744	nq	94
53) 2,4-Dinitrophenol	9.97	184	21480	25.800	nq #	31
54) Dibenzofuran	10.13	168	1174676	36.912	nq	98
55) 4-Nitrophenol	10.03	139	413618	75.450	nq	95
56) 2,4-Dinitrotoluene	10.11	165	293375	40.718	nq #	95
57) Fluorene	10.47	166	870085	37.578	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	217735	42.508	nq #	97
59) Diethylphthalate	10.35	149	911030	32.274	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	379983	37.098	nq	96
61) 4-Nitroaniline	10.49	138	236385	37.109	nq	92
62) Azobenzene	10.63	77	921506	32.678	nq	93
64) 4,6-Dinitro-2-methylphenol	10.52	198	21758	18.520	nq #	61
65) n-Nitrosodiphenylamine	10.59	169	852730	50.141	nq	96
66) 4-Bromophenyl-phenylether	10.96	248	234351	45.950	nq	95
67) Hexachlorobenzene	11.03	284	229798	40.843	nq	91
68) Atrazine	11.11	200	213857	42.625	nq	95
69) Pentachlorophenol	11.22	266	244507	74.030	nq	98
70) Phenanthrene	11.44	178	1306716	48.663	nq	99
71) Anthracene	11.49	178	1096604	40.152	nq	99
72) Carbazole	11.64	167	940240	35.141	nq	98
73) Di-n-butylphthalate	11.97	149	1229992	37.844	nq	100
74) Fluoranthene	12.64	202	988606	36.593	nq	97
76) Benzidine	12.75	184	297707	27.668	nq #	93
77) Pyrene	12.87	202	952528	51.885	nq	99
79) Butylbenzylphthalate	13.48	149	355960	40.695	nq	99
80) Benzo(a)anthracene	14.06	228	660998	44.893	nq	97
81) 3,3'-Dichlorobenzidine	14.02	252	111651	20.452	nq #	94
82) Chrysene	14.10	228	623697	42.022	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	513463	45.657	nq	96
84) Di-n-octyl phthalate	14.65	149	806561	47.764	nq #	94
85) Indeno(1,2,3-cd)pyrene	17.06	276	677219	55.014	nq	98
87) Benzo(b)fluoranthene	15.12	252	665763	40.501	nq #	89
88) Benzo(k)fluoranthene	15.15	252	605365	38.543	nq #	94
89) Benzo(a)pyrene	15.50	252	624856	42.231	nq #	91
90) Dibenzo(a,h)anthracene	17.07	278	536189	44.647	nq	96
91) Benzo(g,h,i)perylene	17.51	276	571572	48.624	nq	98

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

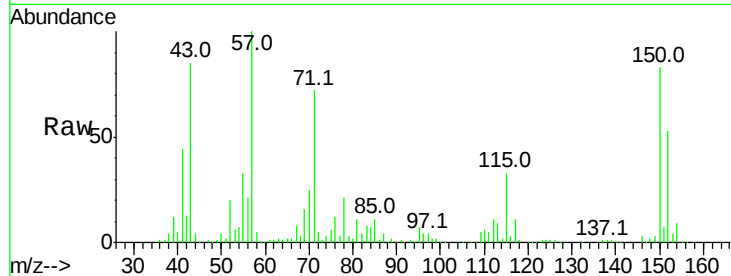


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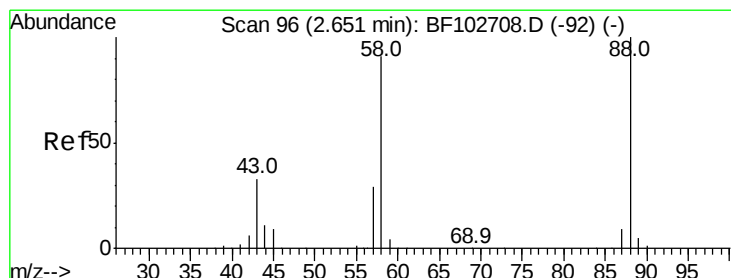
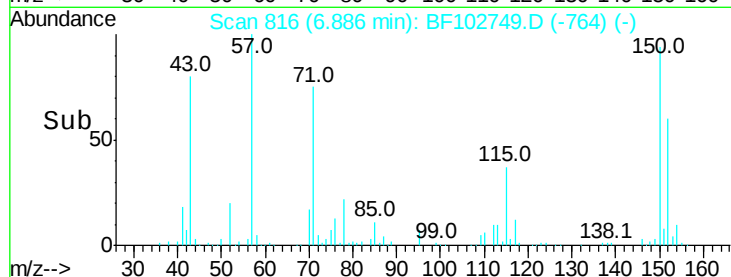
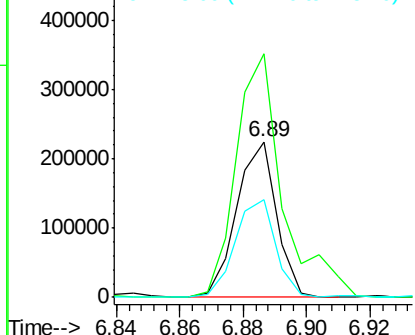
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 195390
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 62.5 50.1 75.1



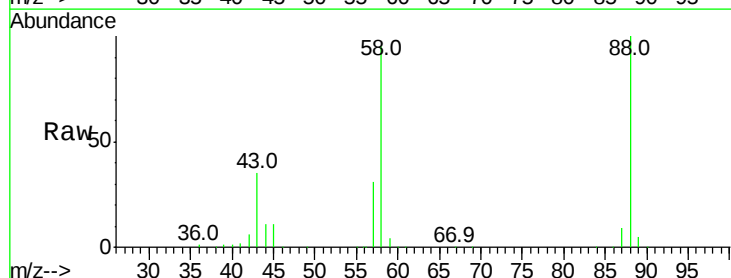
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



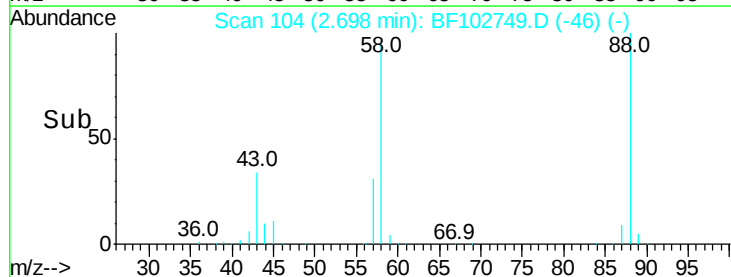
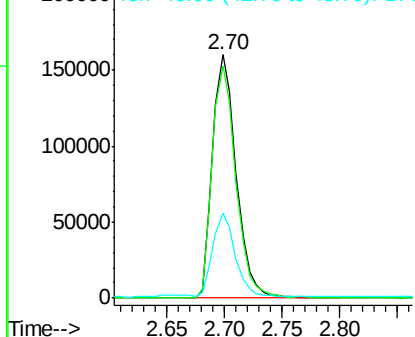
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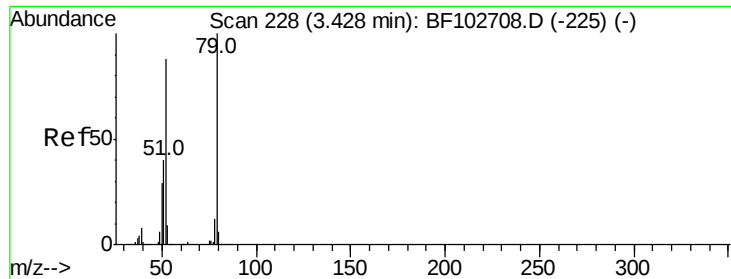
1,4-Dioxane
Concen: 35.952 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.04 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Tgt Ion: 88 Resp: 228465
Ion Ratio Lower Upper
88 100
58 95.6 62.6 93.8#
43 32.8 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: 37.580 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.05 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA_F

ClientSampleId :

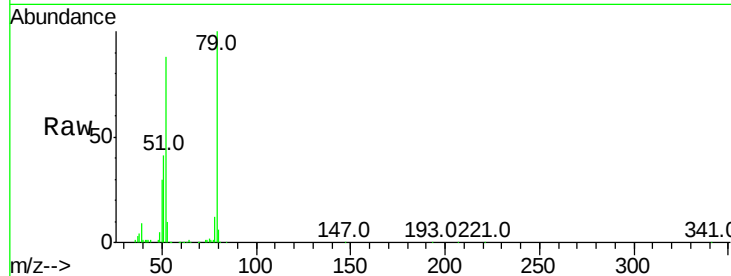
Tot Ion: 79 Resp: 659791

Ion Ratio Lower Upper

79 100

52 88.1 59.8 89.6

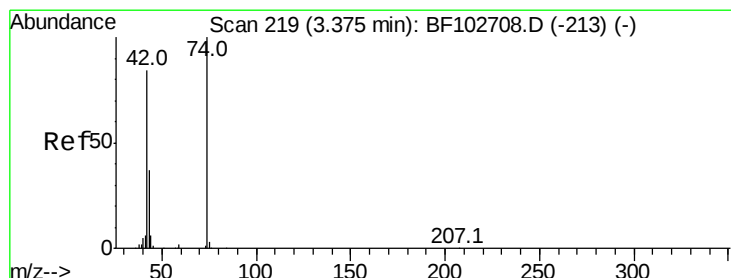
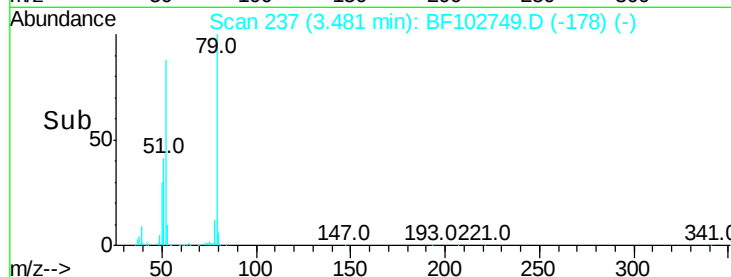
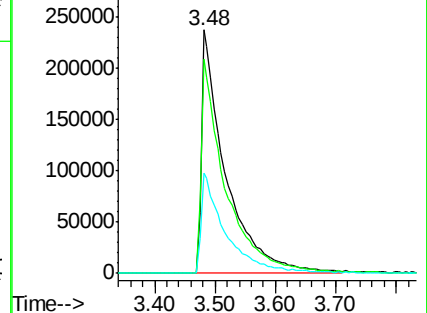
51 41.1 29.8 44.8



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: 46.957 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.04 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

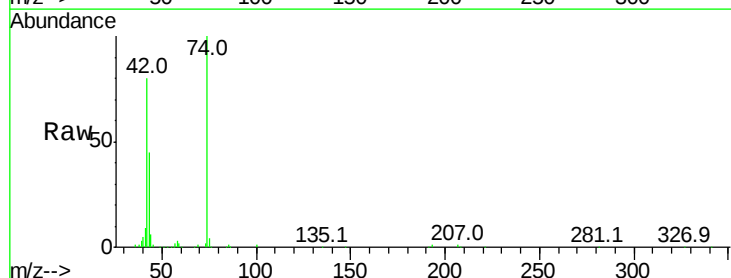
Tgt Ion: 42 Resp: 352736

Ion Ratio Lower Upper

42 100

74 125.6 104.9 157.3

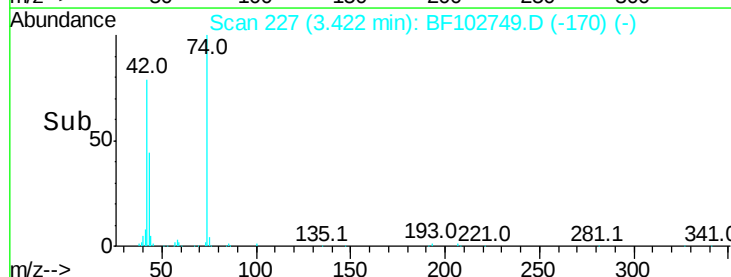
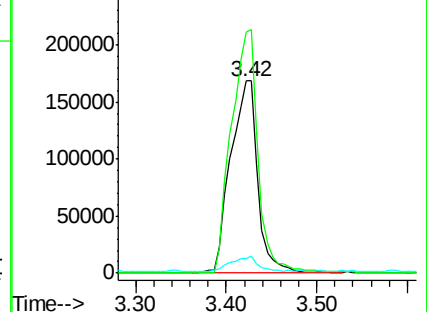
44 7.8 6.9 10.3

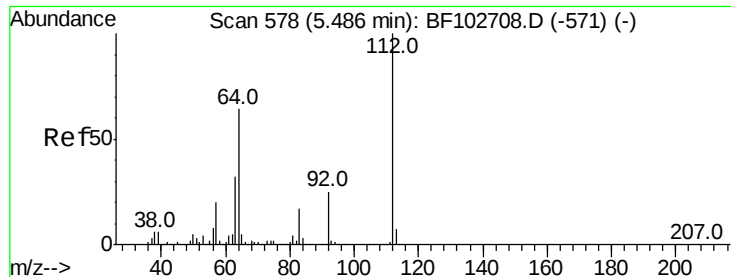


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 119.722 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA_F

ClientSampleId :

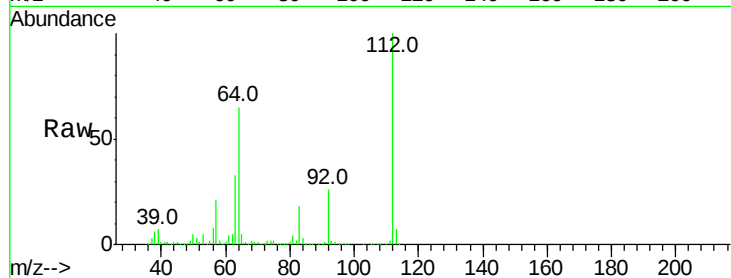
Tot Ion:112 Resp: 1540334

Ion Ratio Lower Upper

112 100

64 65.4 47.9 71.9

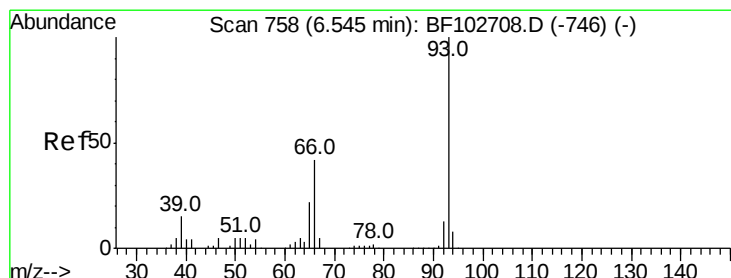
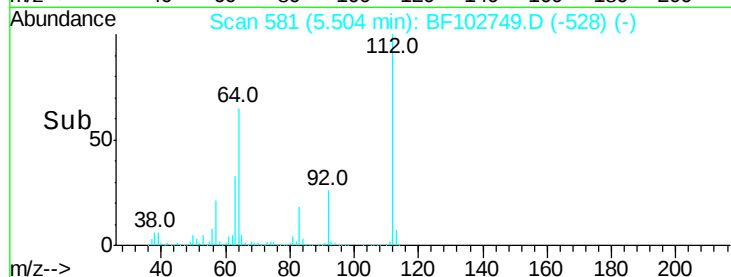
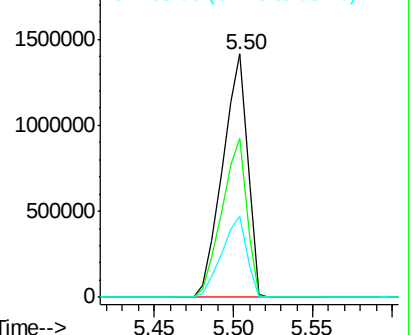
63 33.4 23.7 35.5



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: 10.976 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

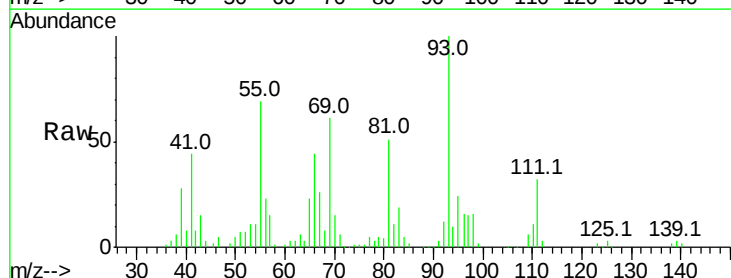
Tgt Ion: 93 Resp: 251099

Ion Ratio Lower Upper

93 100

66 43.8 32.2 48.2

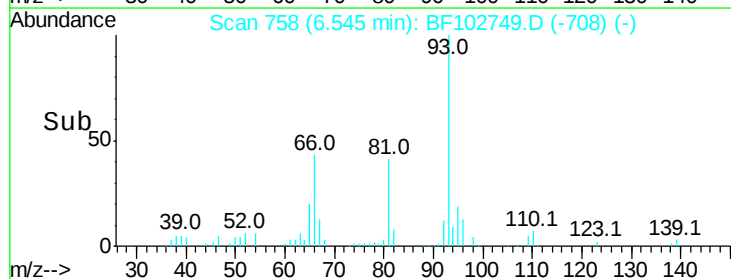
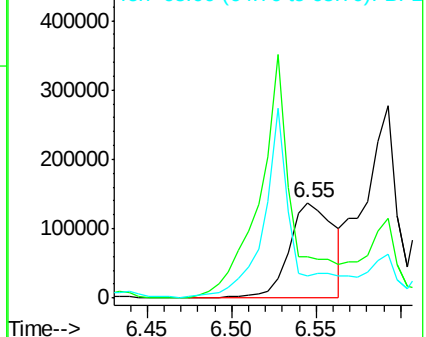
65 22.8 16.4 24.6

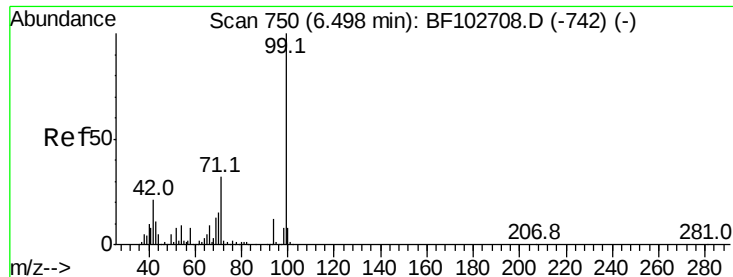


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.467 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

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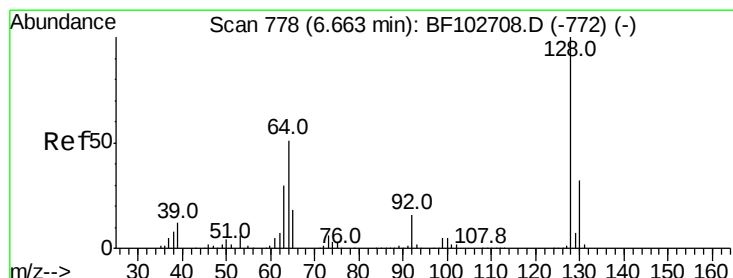
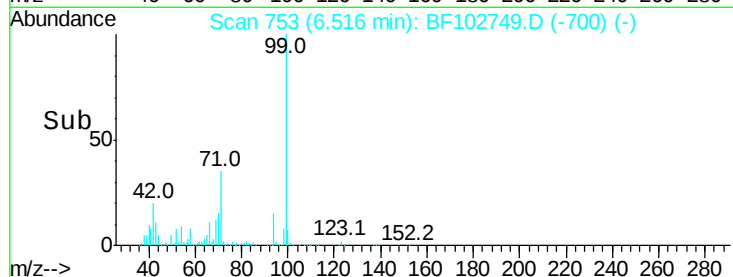
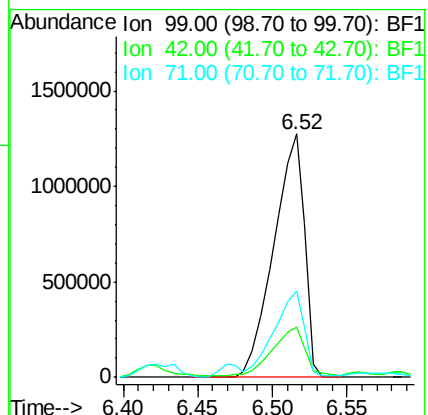
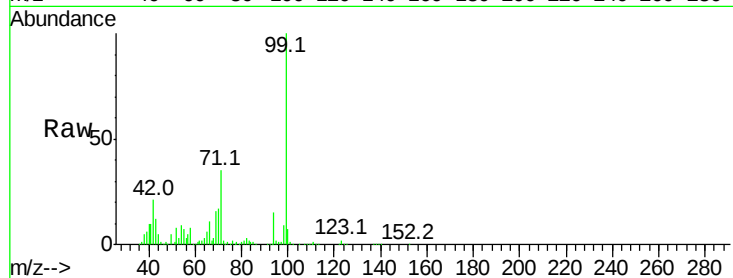
Tot Ion: 99 Resp: 1835226

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

71 35.3 25.4 38.0



#8

2-Chlorophenol

Concen: 41.677 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

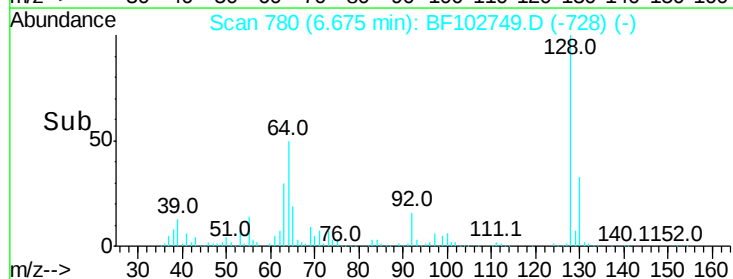
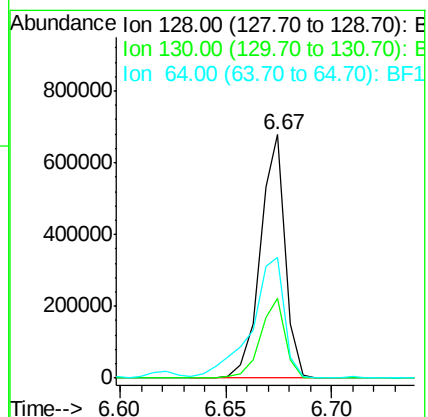
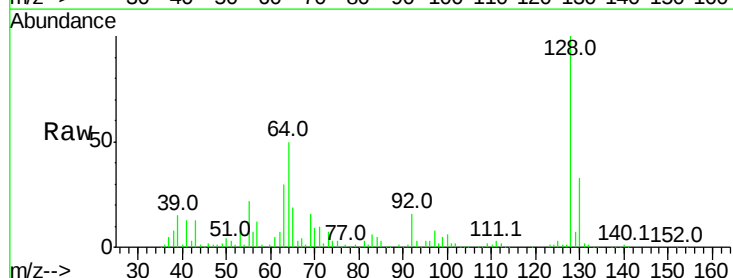
Tgt Ion:128 Resp: 552039

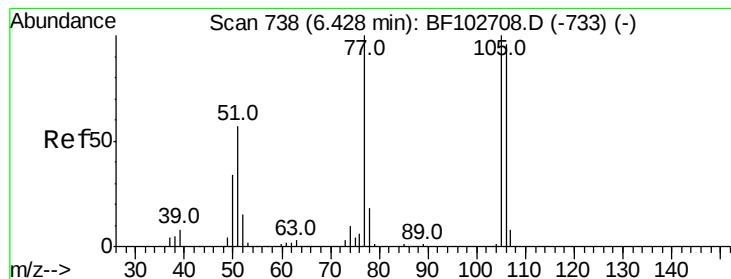
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 49.7 29.4 69.4





#9

Benzaldehyde

Concen: 18.084 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA_F

ClientSampleId :

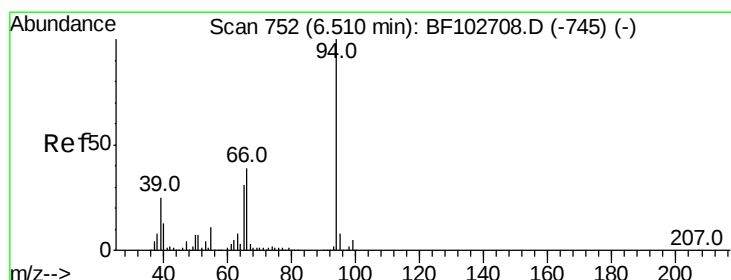
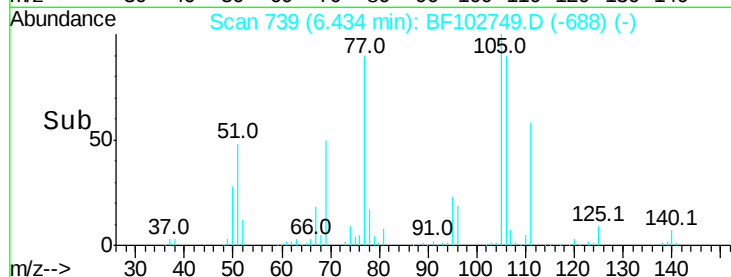
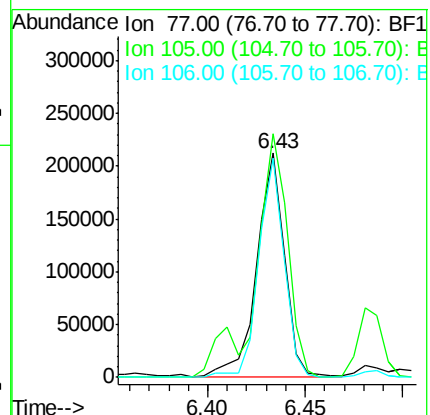
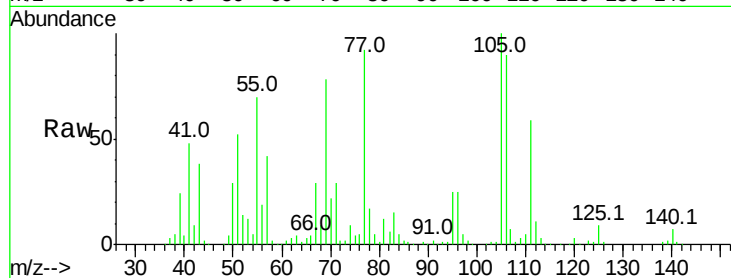
Tot Ion: 77 Resp: 208044

Ion Ratio Lower Upper

77 100

105 108.7 81.1 121.1

106 97.9 74.5 114.5



#10

Phenol

Concen: 45.220 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

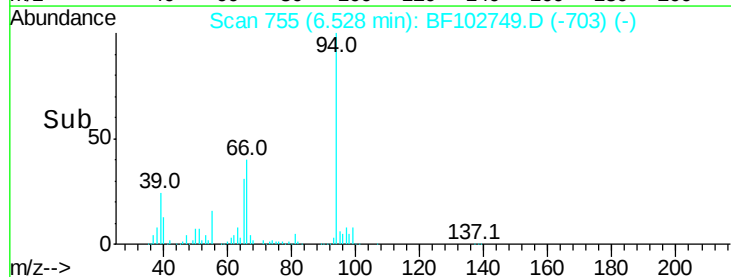
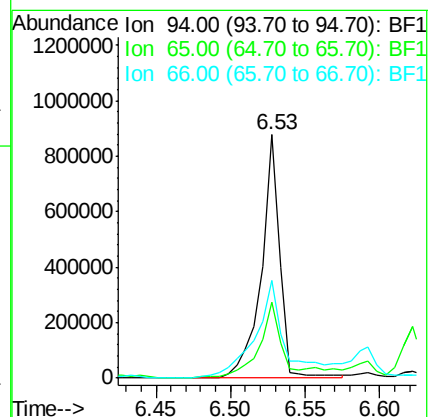
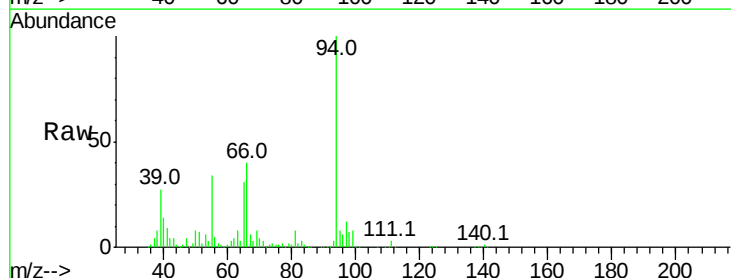
Tgt Ion: 94 Resp: 750745

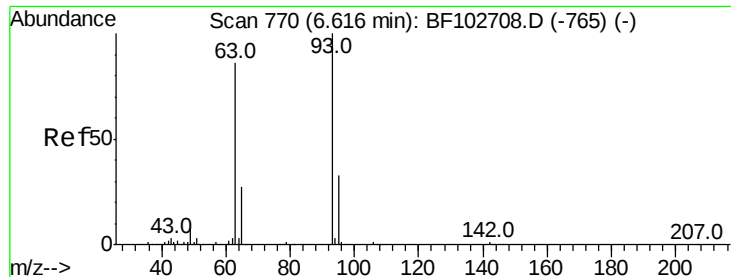
Ion Ratio Lower Upper

94 100

65 31.1 7.9 47.9

66 40.0 16.2 56.2



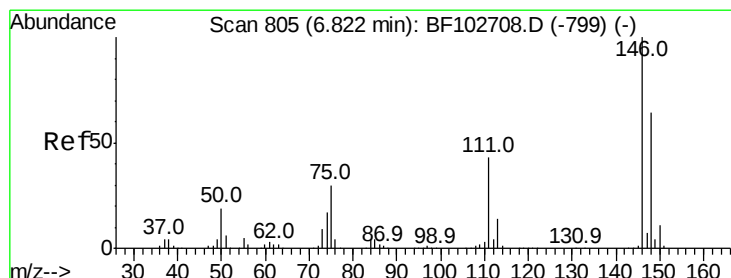
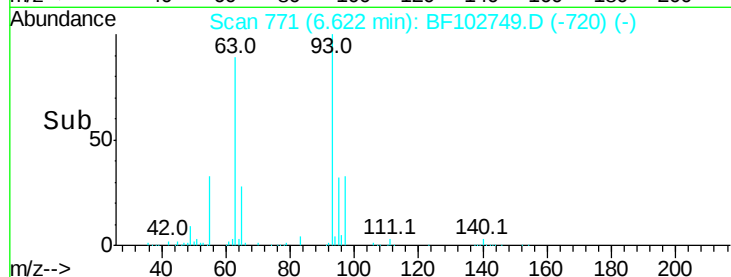
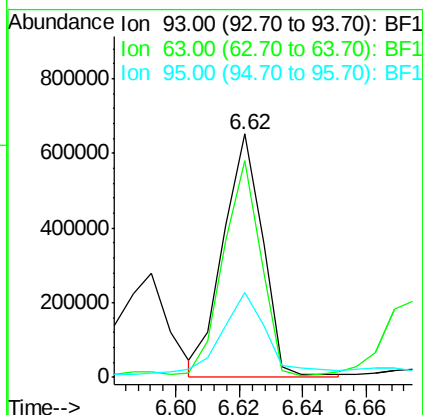
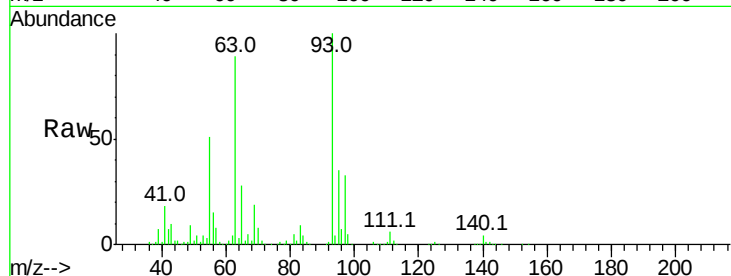


#11

bis(2-Chloroethyl)ether
Concen: 40.342 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Instrument :
BNA_F
ClientSampleId :

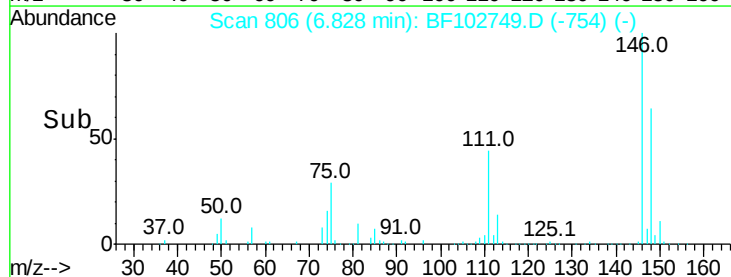
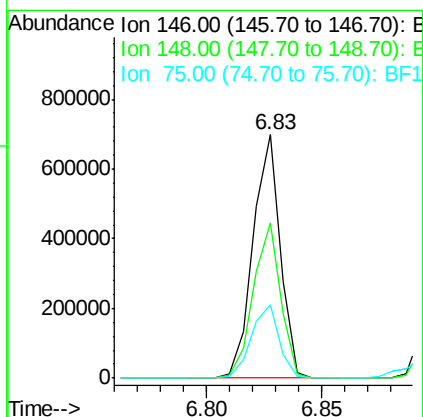
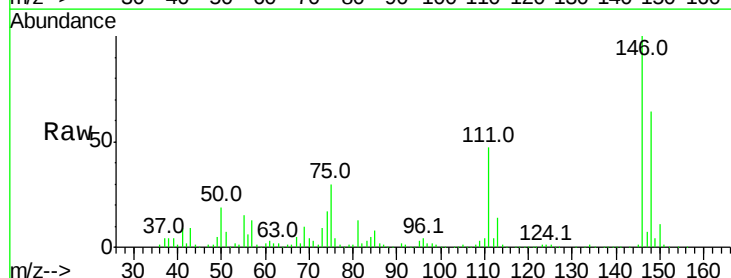
Tot Ion: 93 Resp: 557309
Ion Ratio Lower Upper
93 100
63 89.0 58.6 98.6
95 35.0 11.8 51.8

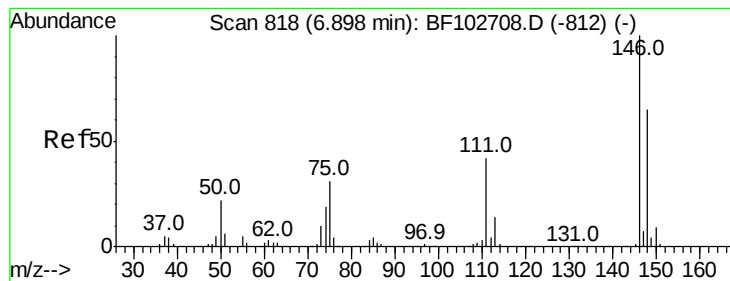


#12

1,3-Dichlorobenzene
Concen: 37.567 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Tgt Ion: 146 Resp: 576224
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
75 30.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 32.247 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA_F

ClientSampleId :

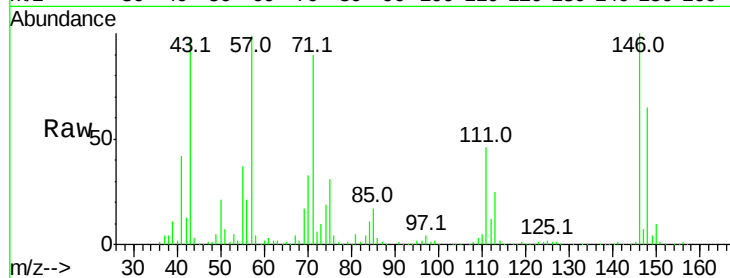
Tot Ion:146 Resp: 492708

Ion Ratio Lower Upper

146 100

148 64.6 50.8 76.2

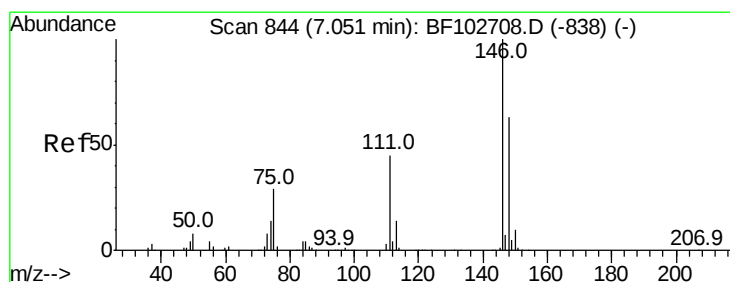
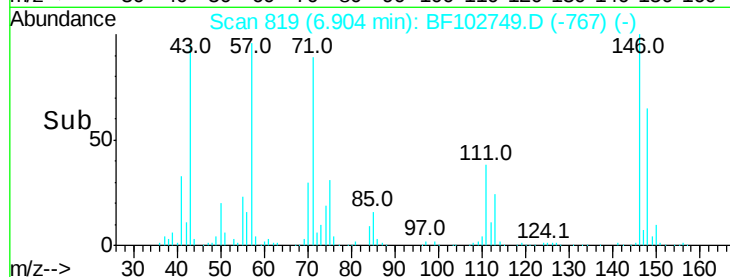
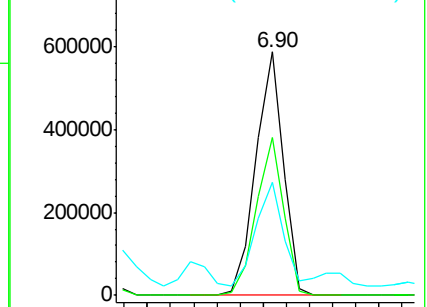
111 46.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.285 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

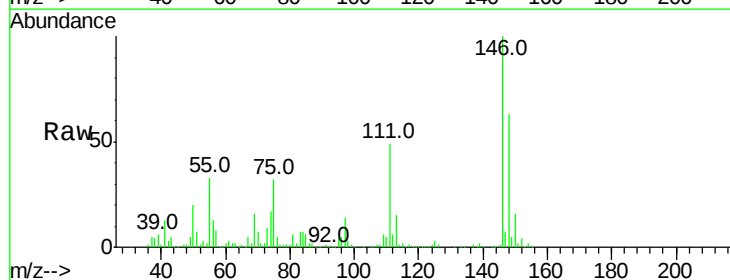
Tgt Ion:146 Resp: 530624

Ion Ratio Lower Upper

146 100

148 63.2 50.6 75.8

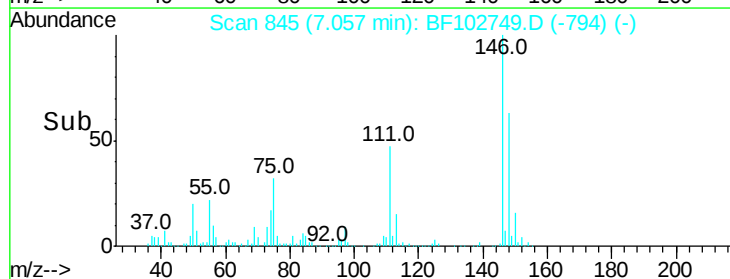
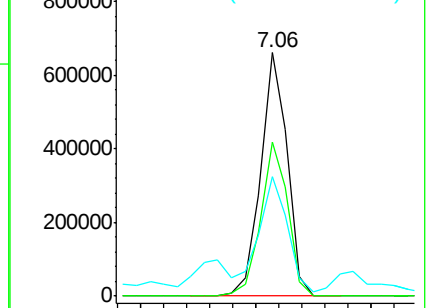
111 49.0 36.0 54.0

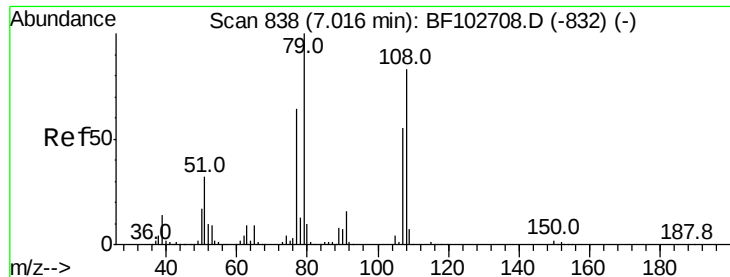


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.317 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA_F

ClientSampleId :

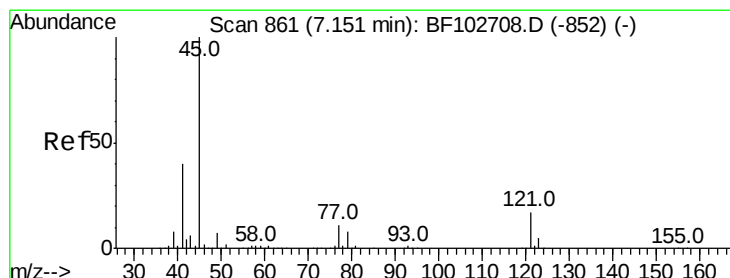
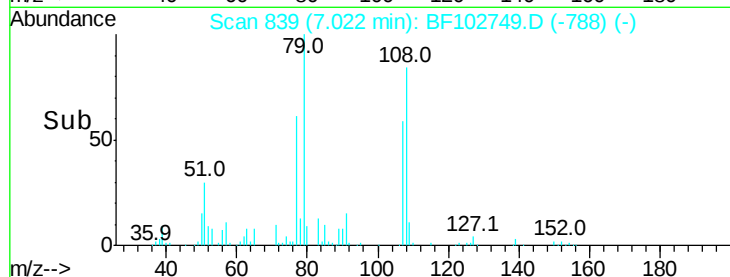
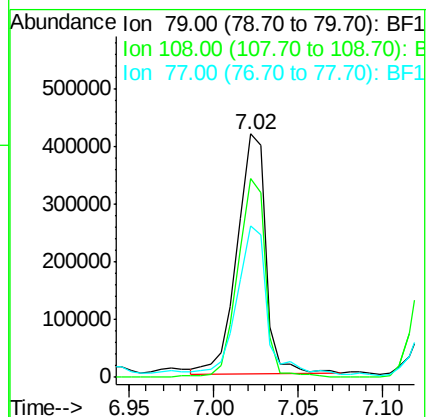
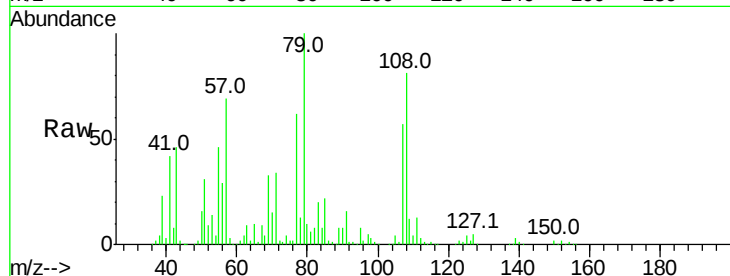
Tot Ion: 79 Resp: 492097

Ion Ratio Lower Upper

79 100

108 81.5 65.1 97.7

77 62.1 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.891 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

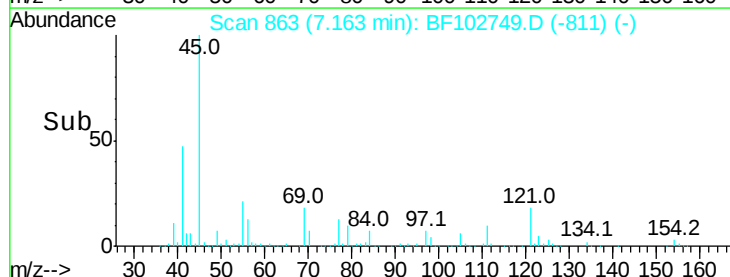
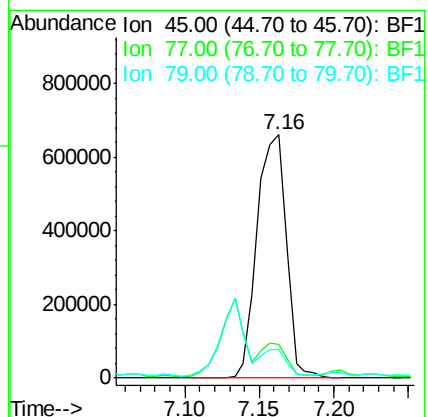
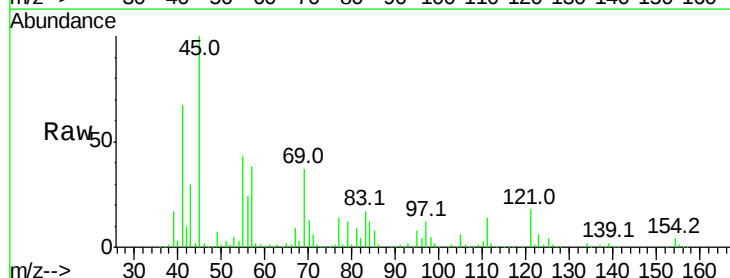
Tgt Ion: 45 Resp: 889379

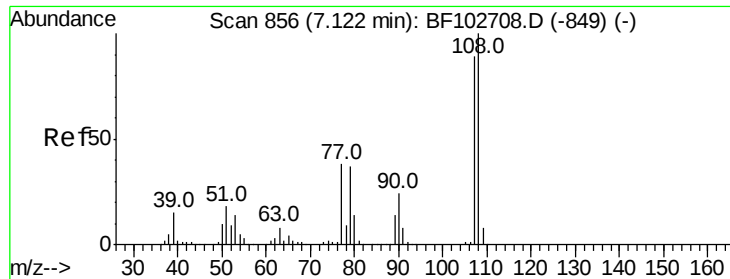
Ion Ratio Lower Upper

45 100

77 13.8 0.0 32.9

79 11.5 0.0 29.6

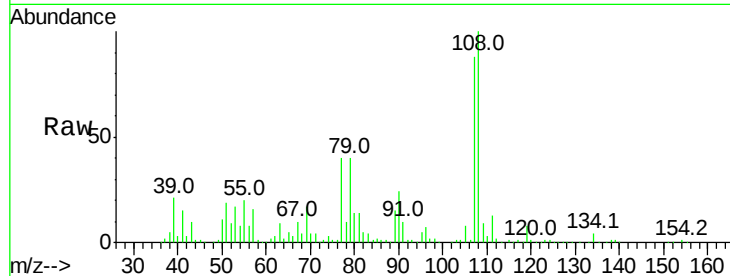




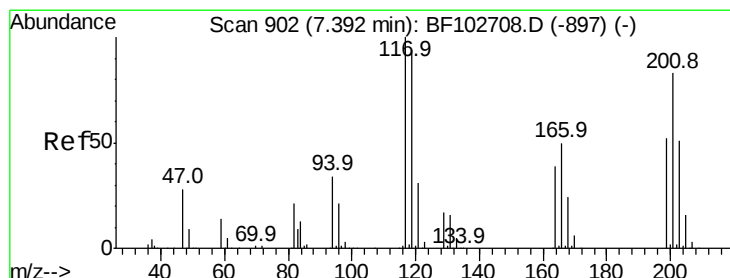
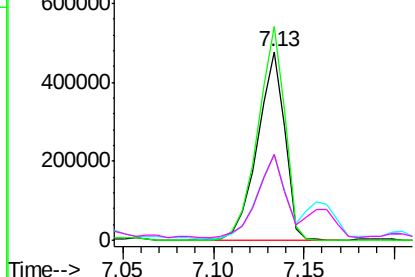
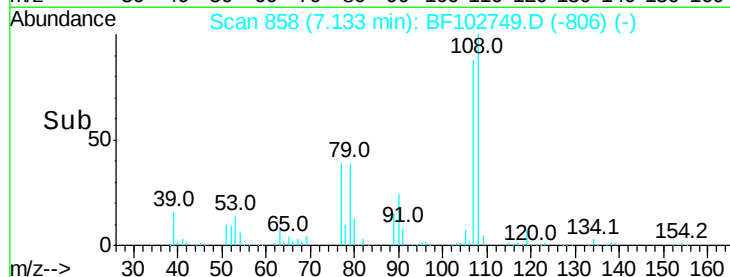
#17
2-Methylphenol
Concen: 40.670 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 496903
Ion Ratio Lower Upper
107 100
108 113.5 91.7 137.5
77 45.8 33.8 50.8
79 45.7 33.8 50.8

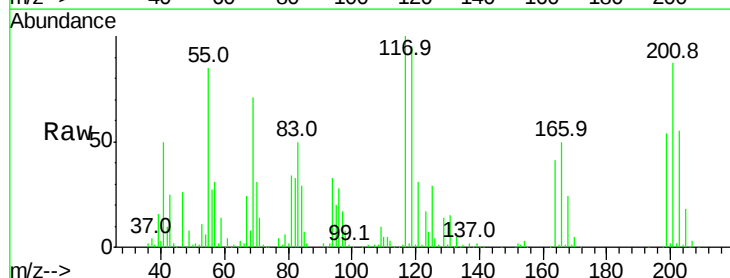


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

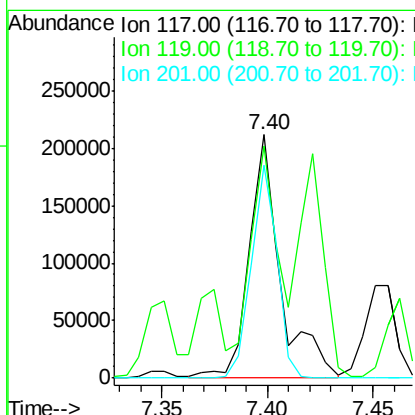
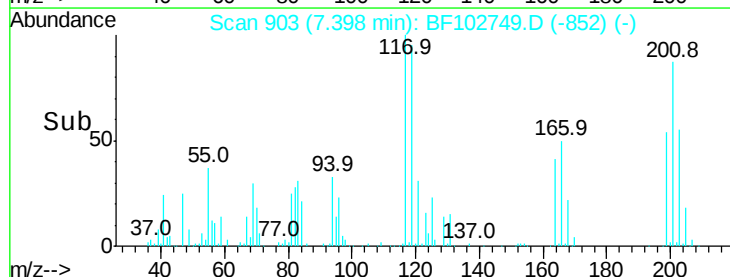


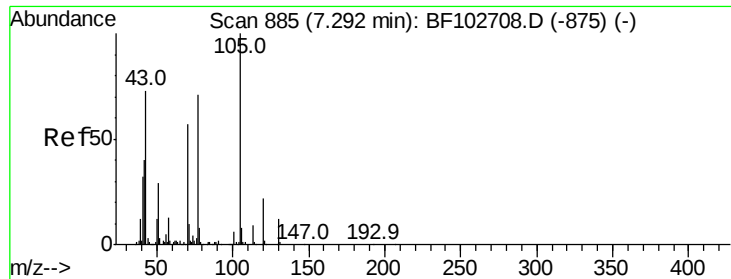
#18
Hexachloroethane
Concen: 41.528 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Tgt Ion:117 Resp: 217585
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
201 87.5 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

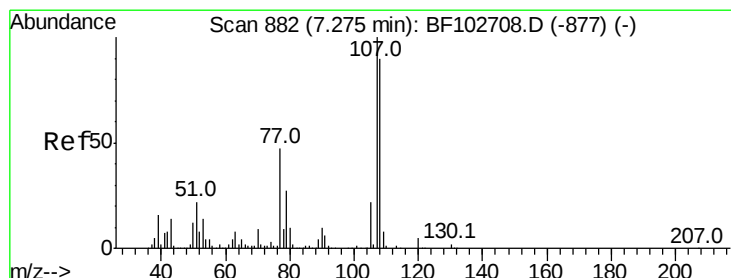
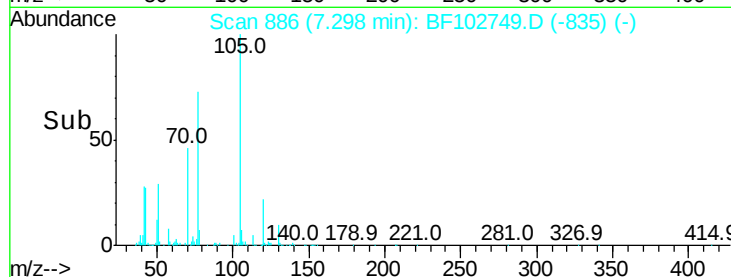
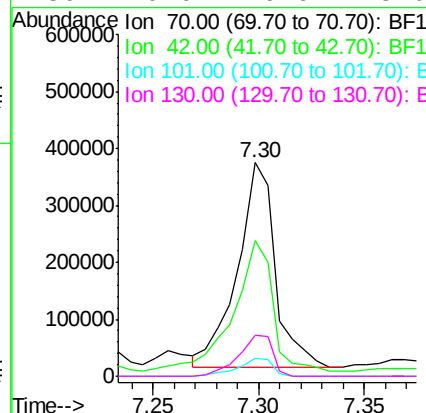
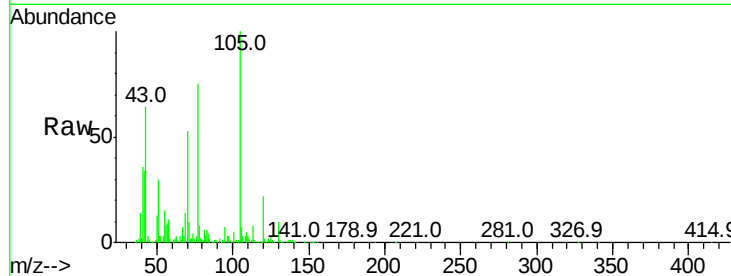




#19
n-Nitroso-di-n-propylamine
Concen: 43.619 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

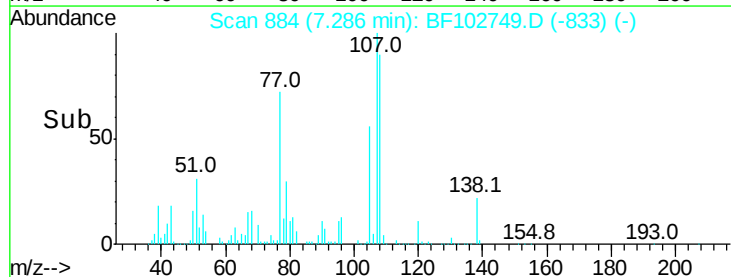
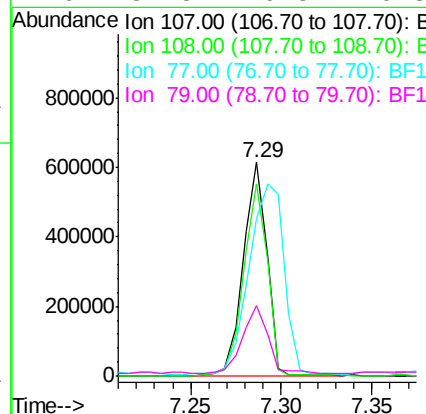
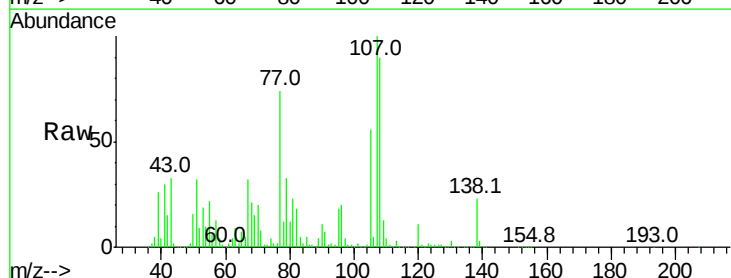
Instrument :
BNA_F
ClientSampled :

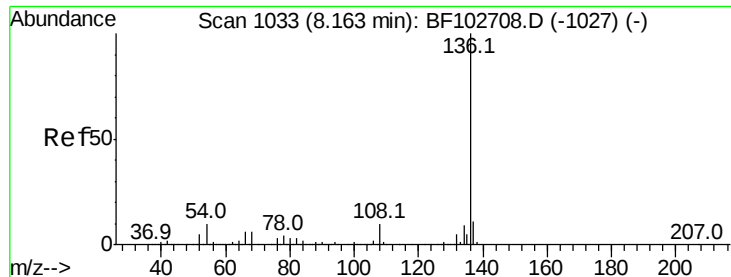
Tot Ion:	70	Resp:	445522
Ion	Ratio	Lower	Upper
70	100		
42	63.6	47.5	71.3
101	8.6	7.4	11.2
130	19.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.634 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Tgt Ion:	107	Resp:	551961
Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.2	108.2
77	73.5	26.7	66.7#
79	32.8	6.3	46.3

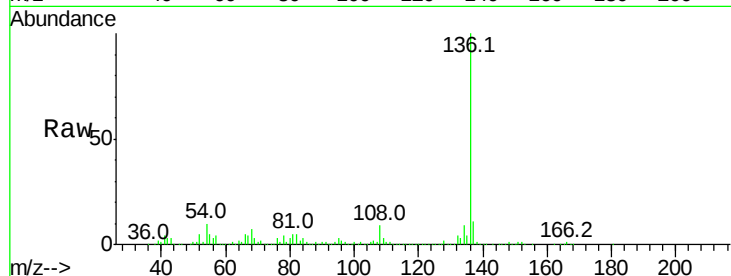




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	882074
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	10.0	6.6 9.8#
68	6.8	5.0 7.4



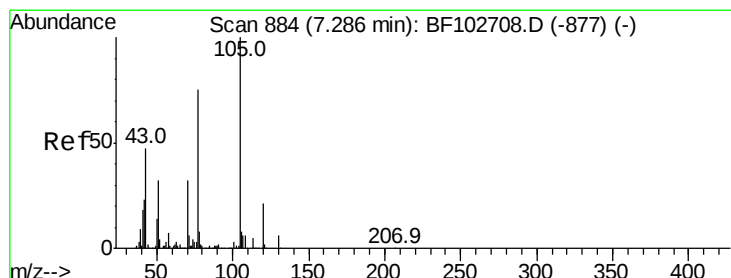
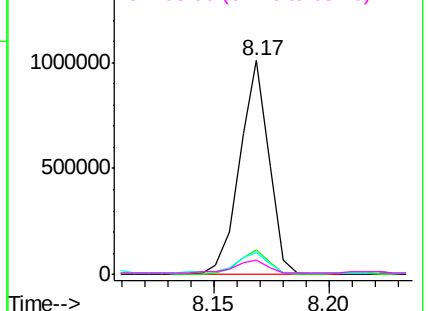
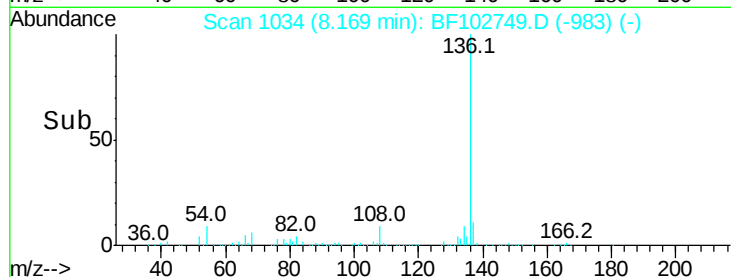
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

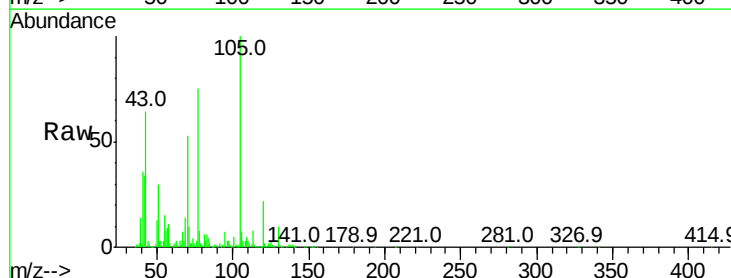
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 36.410 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Tgt Ion:105	Resp:	785927
Ion Ratio	Lower	Upper
105	100	
71	9.7	4.4 6.6#
51	29.8	22.3 33.5
120	21.6	16.9 25.3



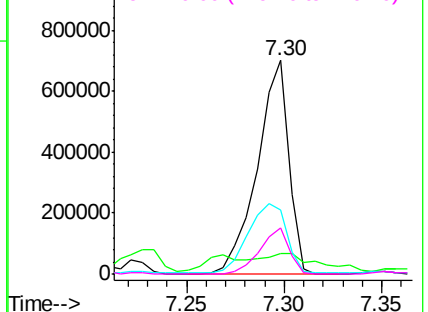
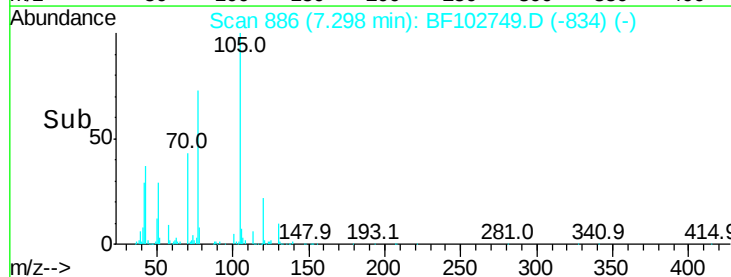
Abundance

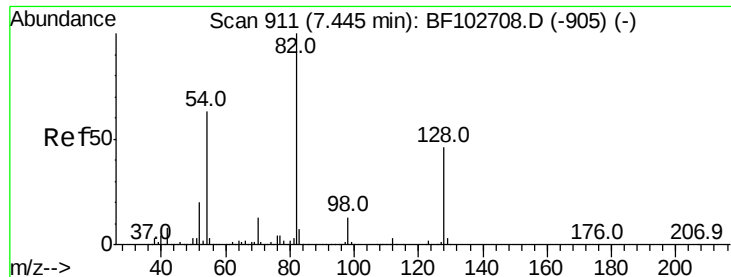
Ion 105.00 (104.70 to 105.70): E

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



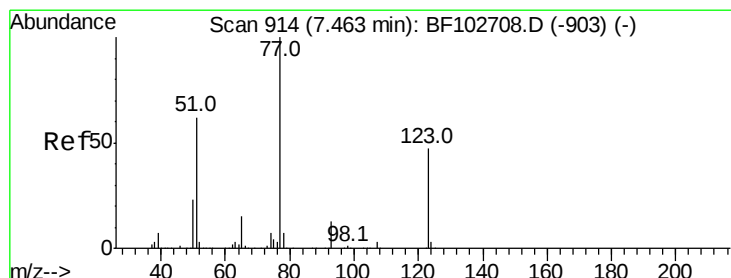
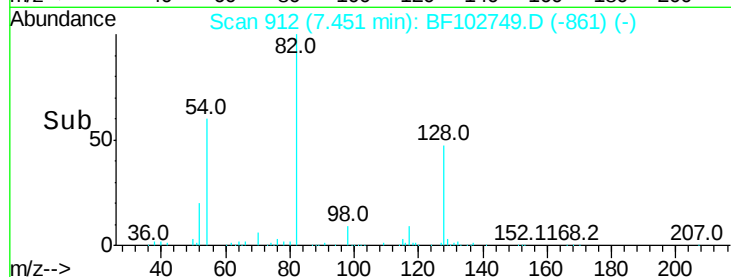
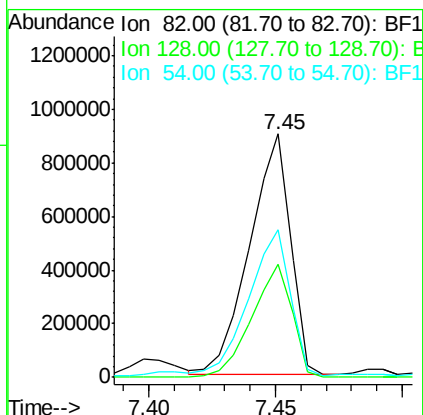
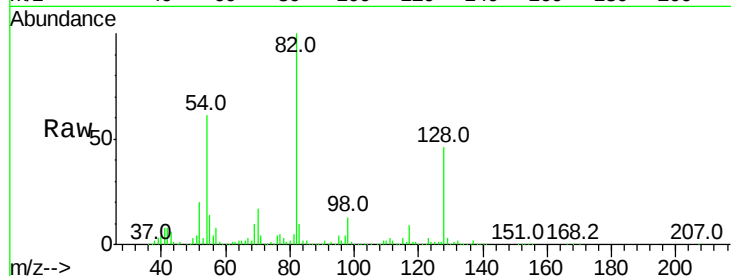


#23
 Nitrobenzene-d5
 Concen: 79.796 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1014637

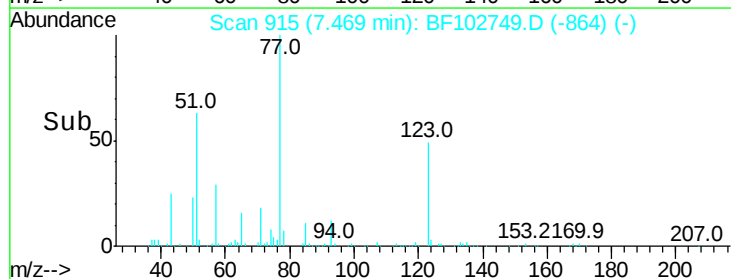
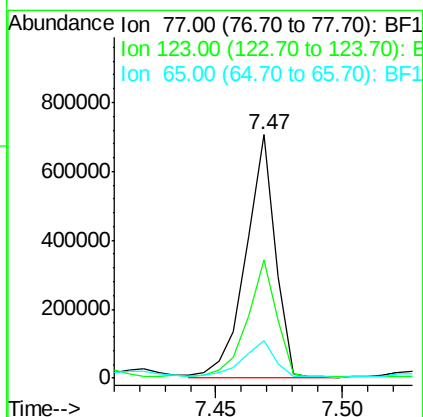
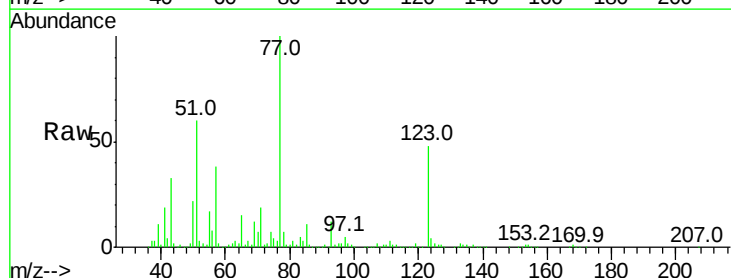
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	60.5	41.4	62.2

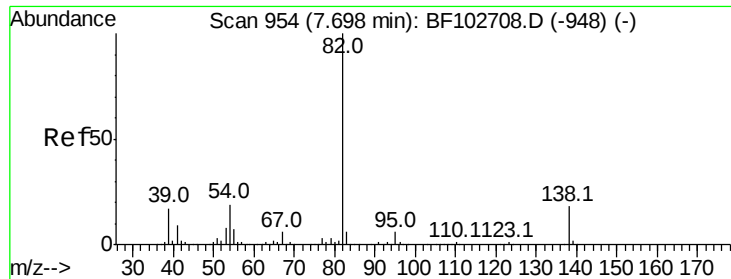


#24
 Nitrobenzene
 Concen: 37.975 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

Tgt Ion: 77 Resp: 568160

Ion	Ratio	Lower	Upper
77	100		
123	48.3	37.9	56.9
65	15.2	11.0	16.4





#25

Isophorone

Concen: 40.797 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA_F

ClientSampled :

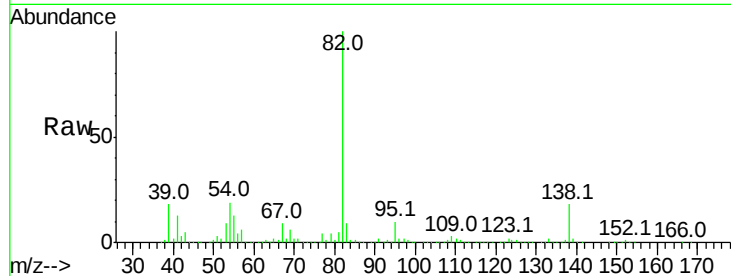
Tot Ion: 82 Resp: 1194516

Ion Ratio Lower Upper

82 100

95 9.6 5.2 7.8#

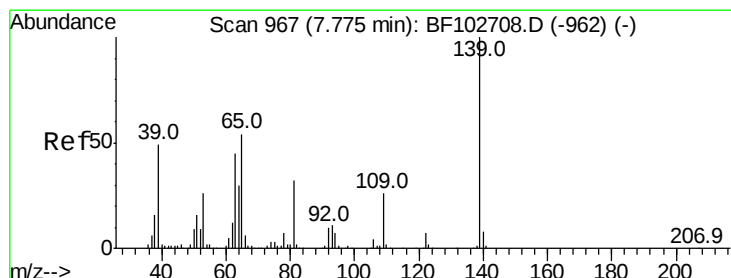
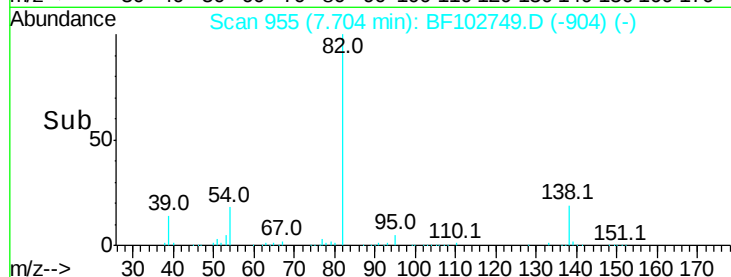
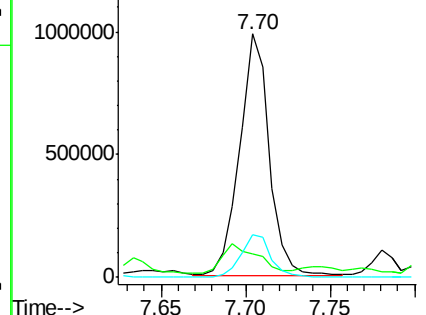
138 17.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.131 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

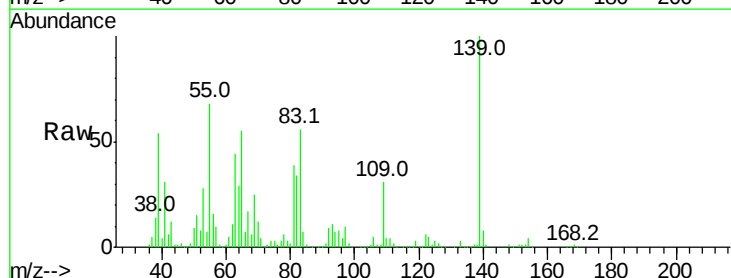
Tgt Ion: 139 Resp: 273433

Ion Ratio Lower Upper

139 100

109 31.1 22.7 34.1

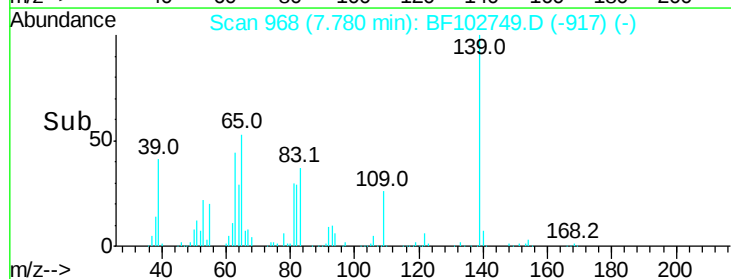
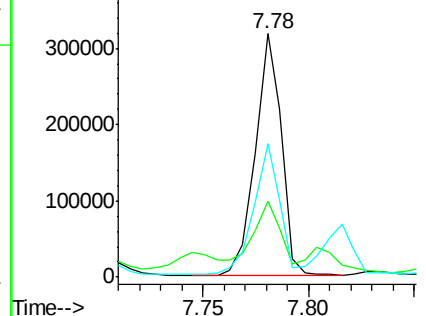
65 54.7 40.5 60.7

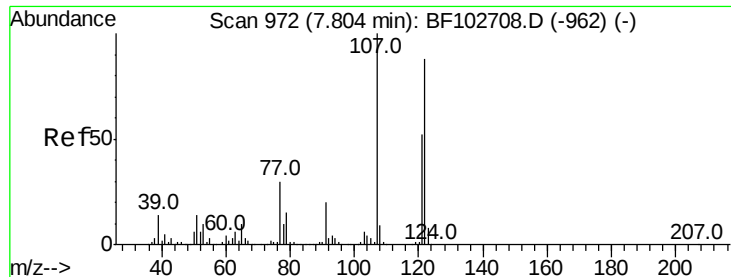


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.557 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

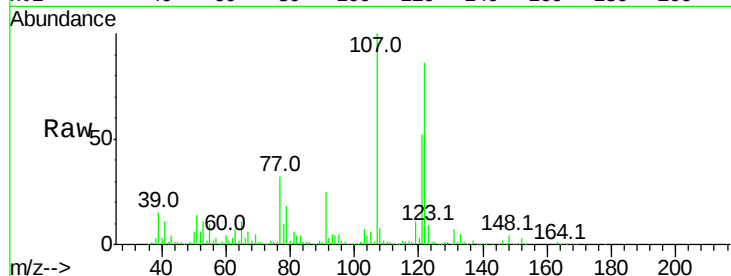
Instrument :

BNA_F

ClientSampleId :

Tot Ion:122 Resp: 538797

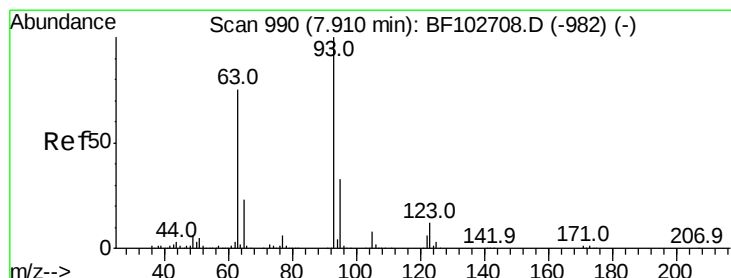
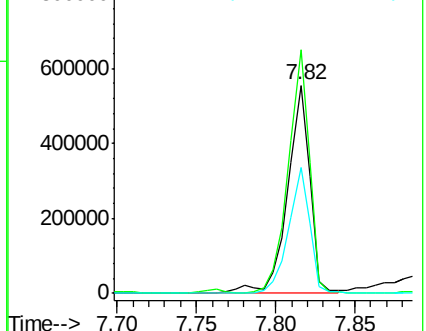
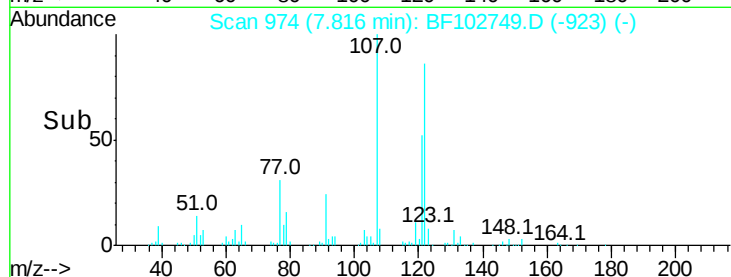
Ion	Ratio	Lower	Upper
122	100		
107	116.9	91.2	136.8
121	60.3	47.2	70.8



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: 39.831 ng

RT: 7.92 min Scan# 991

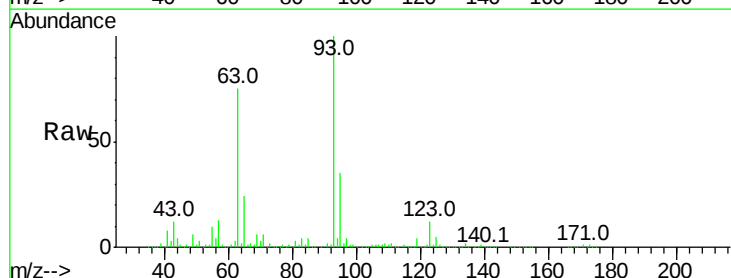
Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Tgt Ion: 93 Resp: 690862

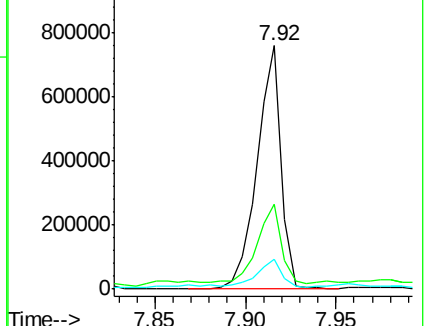
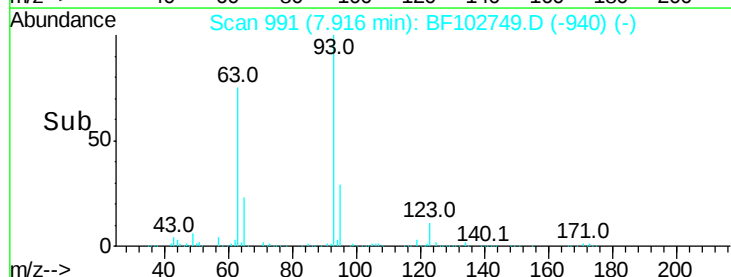
Ion	Ratio	Lower	Upper
93	100		
95	34.6	26.3	39.5
123	12.2	9.8	14.6

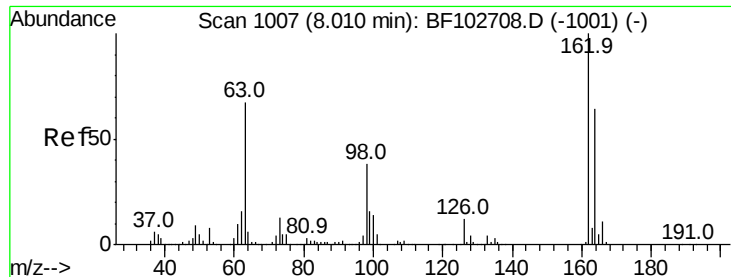


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

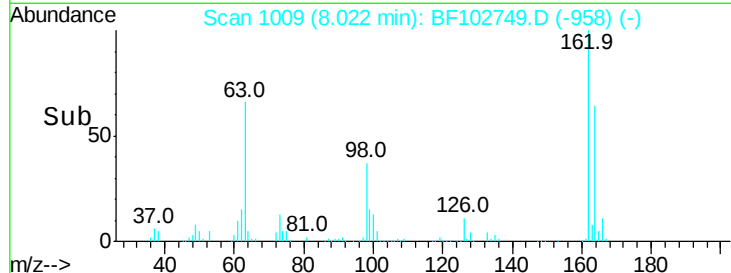
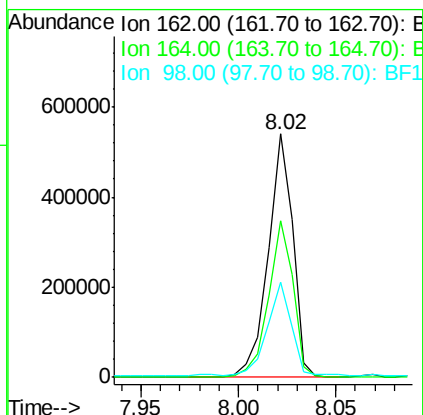
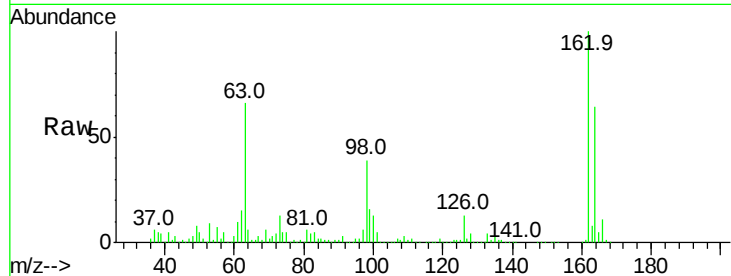




#29
 2,4-Dichlorophenol
 Concen: 42.287 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

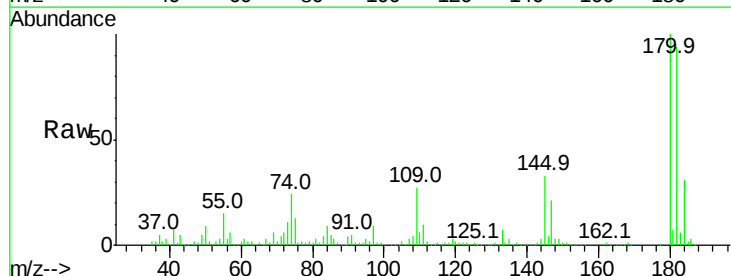
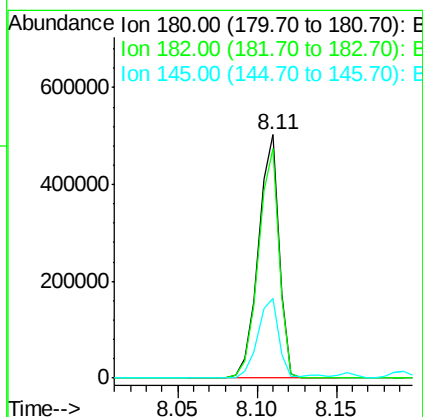
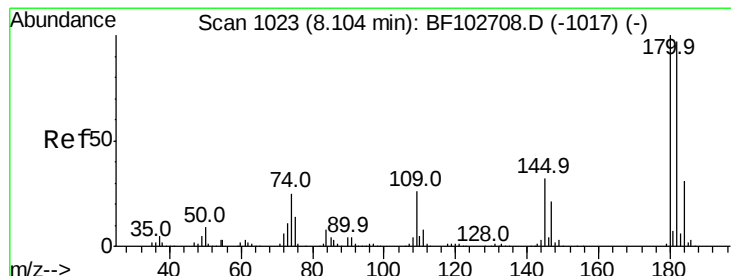
Instrument :
 BNA_F
 ClientSampleId :

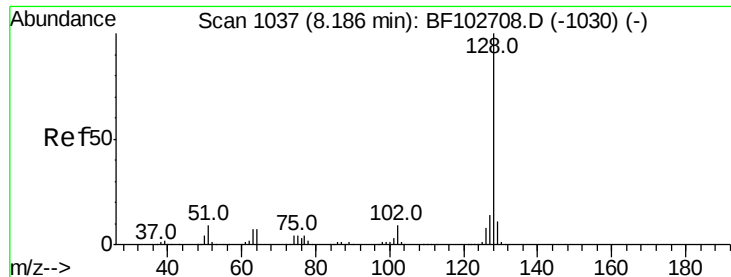
Tot Ion:162 Resp: 475512
 Ion Ratio Lower Upper
 162 100
 164 64.1 42.7 82.7
 98 39.0 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.066 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

Tgt Ion:180 Resp: 458802
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.8 115.2
 145 32.8 26.5 39.7

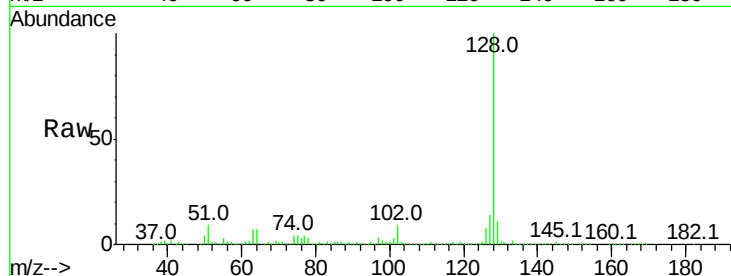




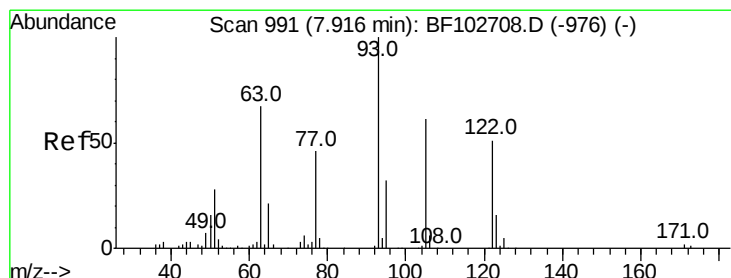
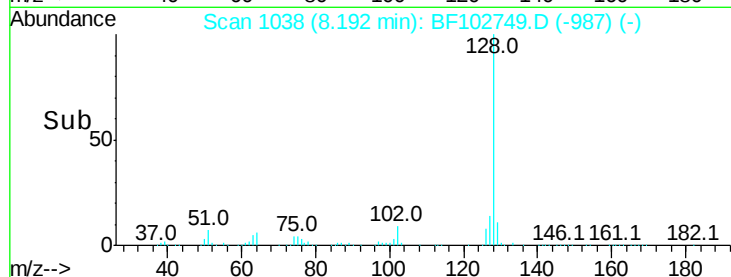
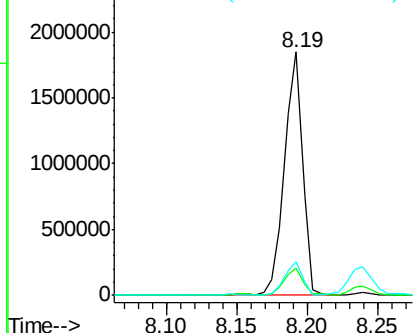
#31
Naphthalene
Concen: 38.528 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1660426
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.8 10.9 16.3

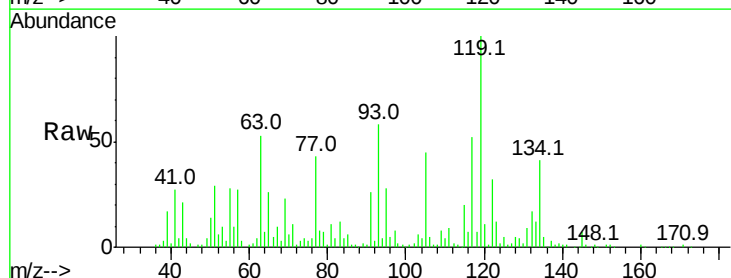


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

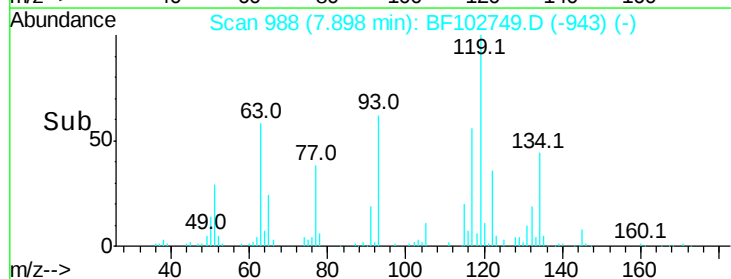
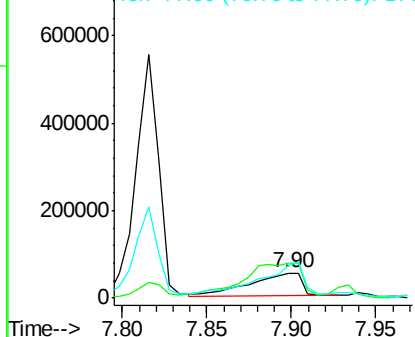


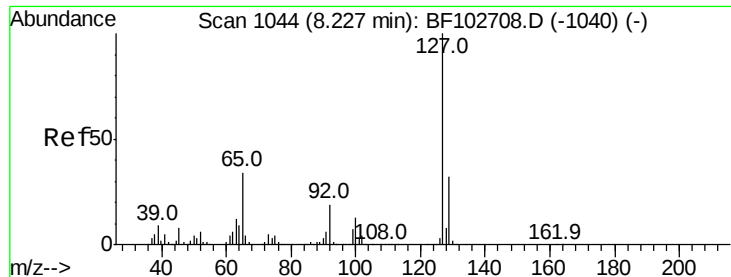
#32
Benzoic acid
Concen: 20.637 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.04 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Tgt Ion:122 Resp: 114993
Ion Ratio Lower Upper
122 100
105 139.2 101.1 141.1
77 133.2 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

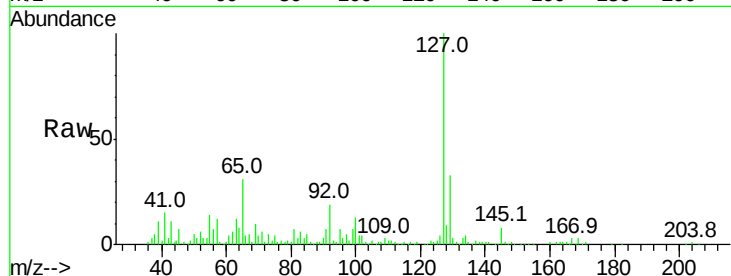




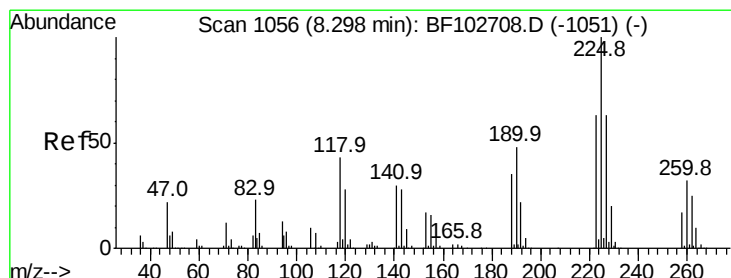
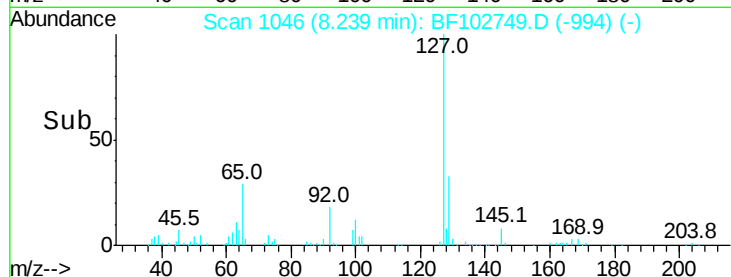
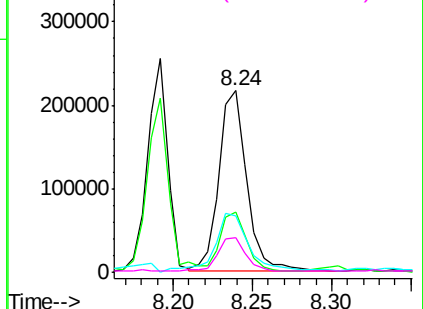
#33
4-Chloroaniline
Concen: 14.290 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	265294
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	31.3	25.0	37.4
92	19.1	15.2	22.8

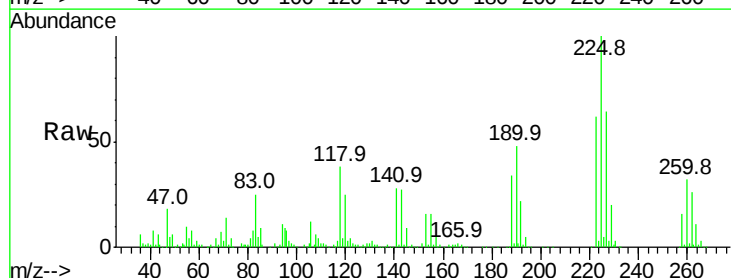


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

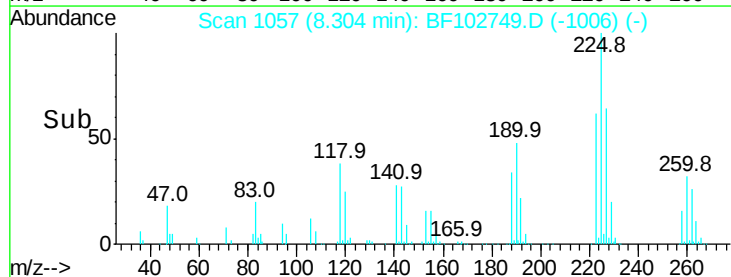
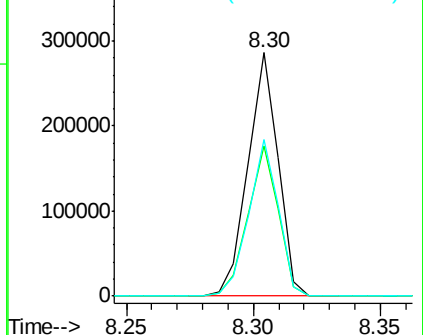


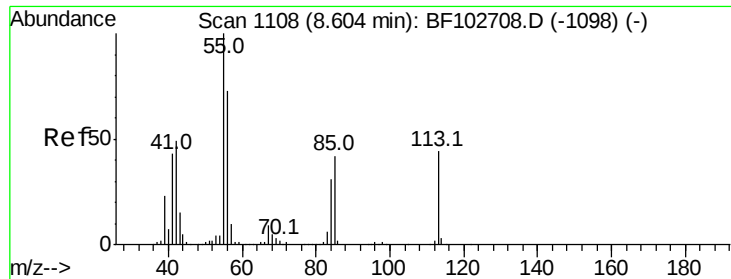
#34
Hexachlorobutadiene
Concen: 36.220 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Tgt Ion:	225	Resp:	236106
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	76.0
227	64.4	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

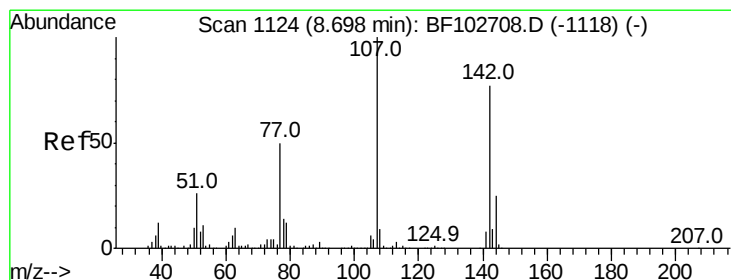
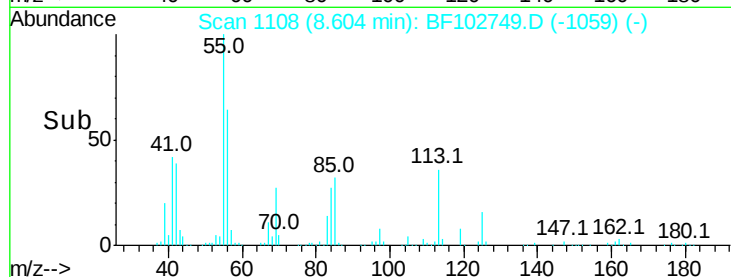
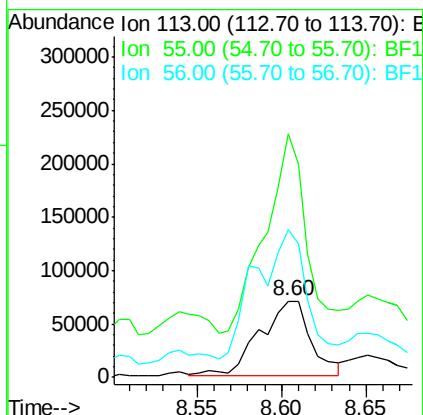
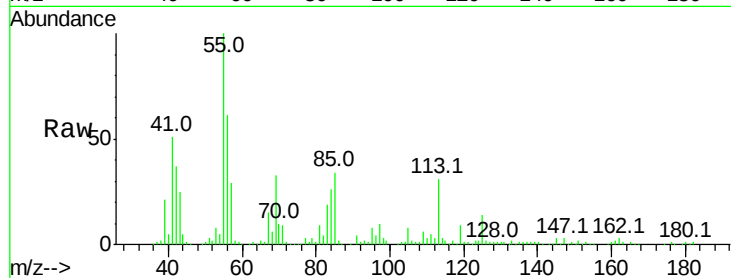




#35
 Caprolactam
 Concen: 37.986 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

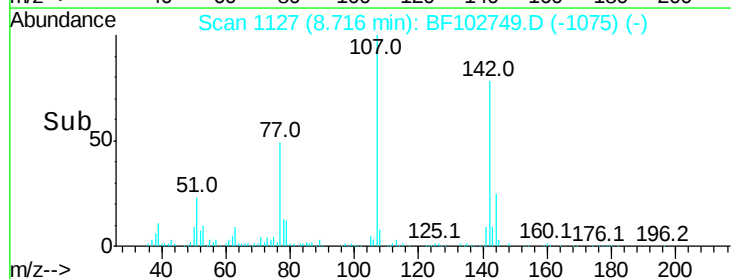
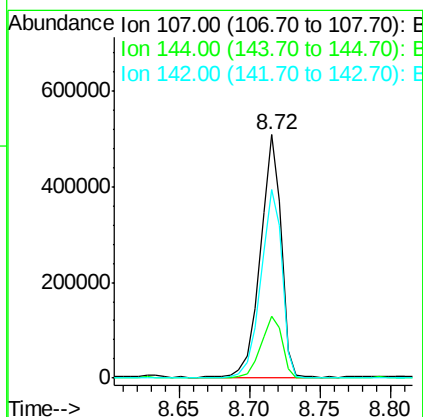
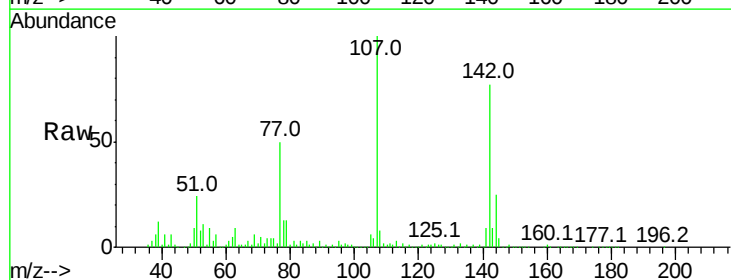
Instrument :
 BNA_F
 ClientSampleId :

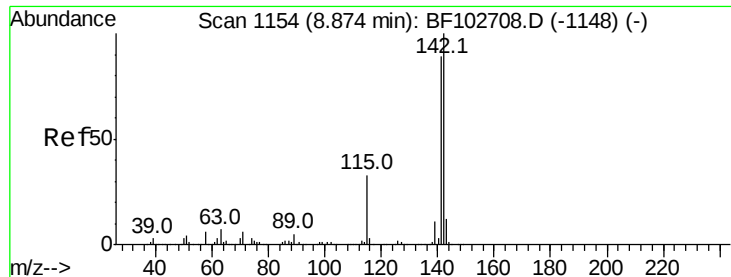
Tot Ion:113 Resp: 148346
 Ion Ratio Lower Upper
 113 100
 55 319.3 163.3 203.3#
 56 193.4 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 41.652 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

Tgt Ion:107 Resp: 526263
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 77.3 62.0 93.0

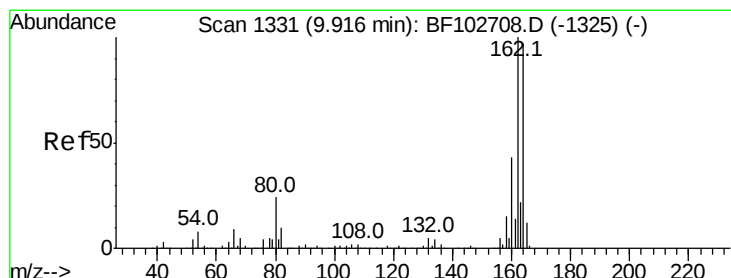
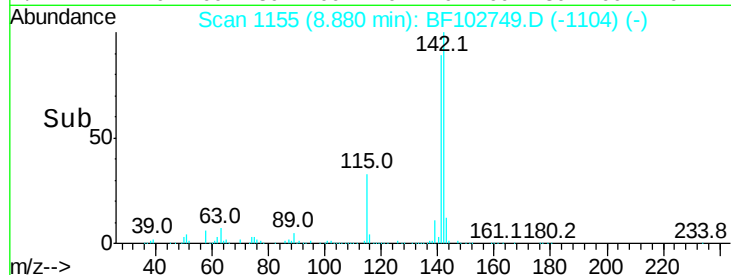
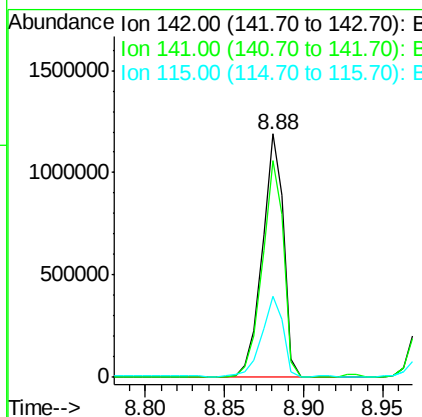
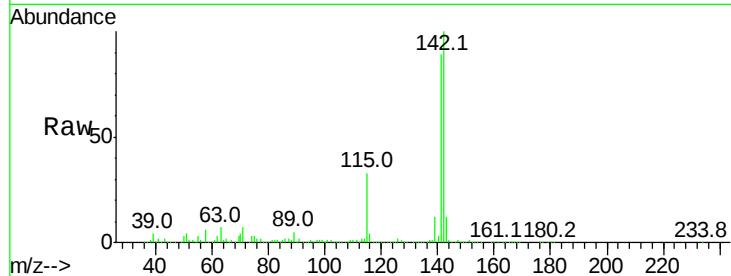




#37
 2-Methylnaphthalene
 Concen: 39.672 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

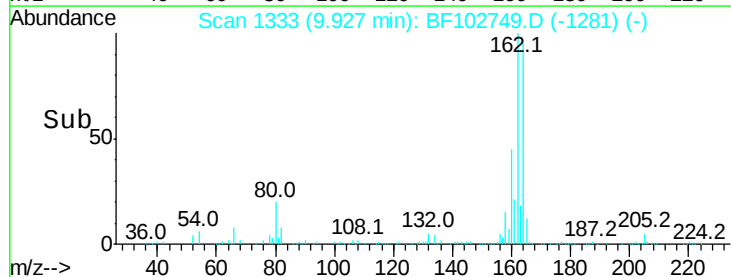
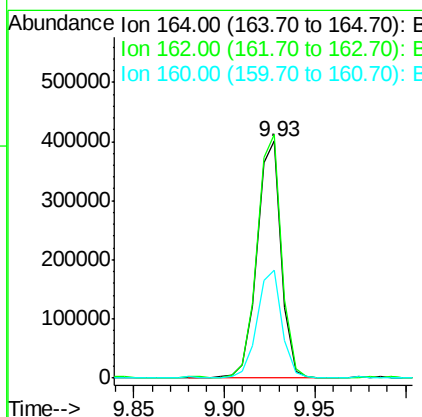
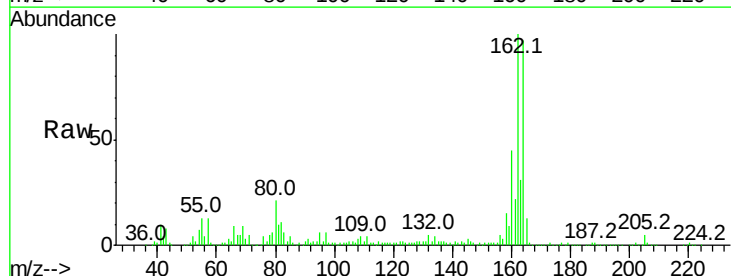
Instrument :
 BNA_F
 ClientSampleId :

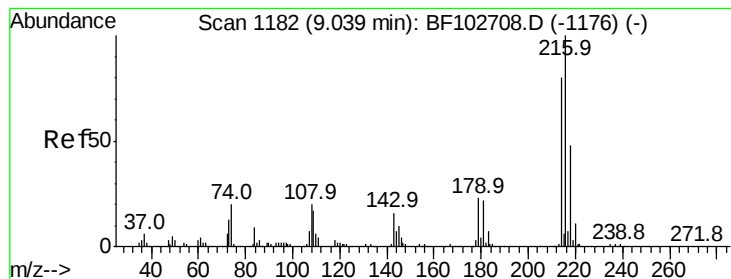
Tot Ion:142 Resp: 1119359
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.8 106.2
 115 33.3 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

Tgt Ion:164 Resp: 366641
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 45.8 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.288 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 402198

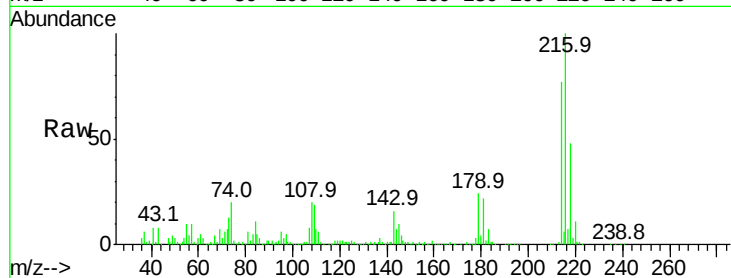
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.4

179 23.2 18.1 27.1

108 20.3 17.2 25.8

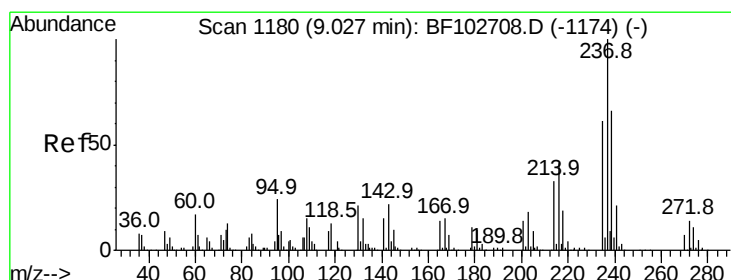
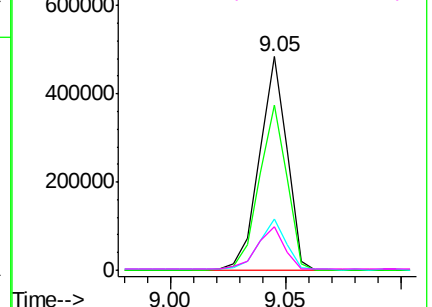
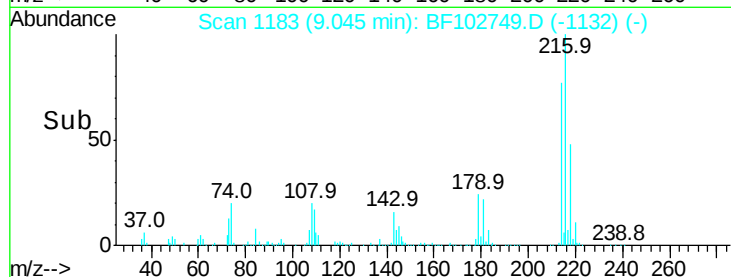


Abundance Ion 216.00 (215.70 to 216.70): E

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: 17.917 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

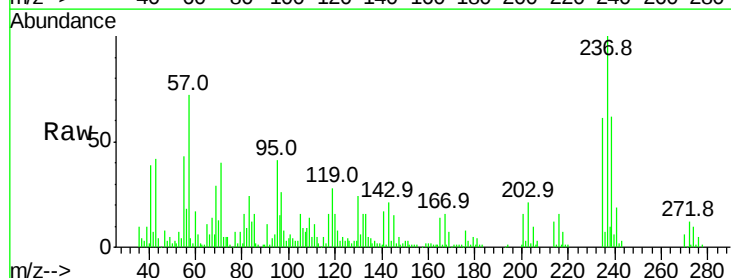
Tgt Ion:237 Resp: 85031

Ion Ratio Lower Upper

237 100

235 60.5 44.8 84.8

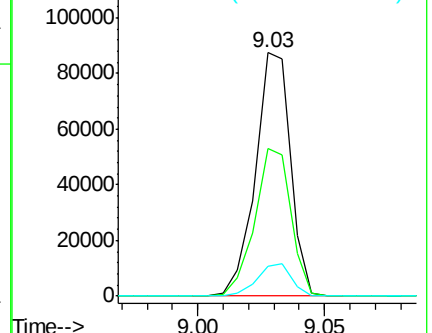
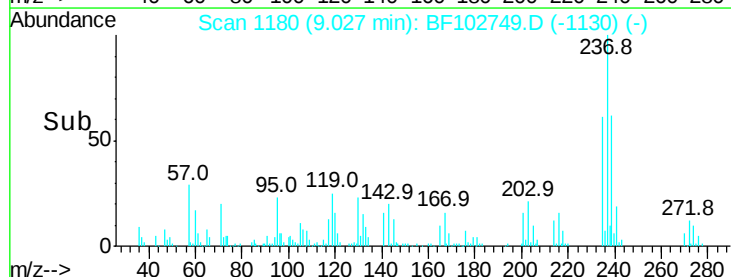
272 12.4 0.0 33.3

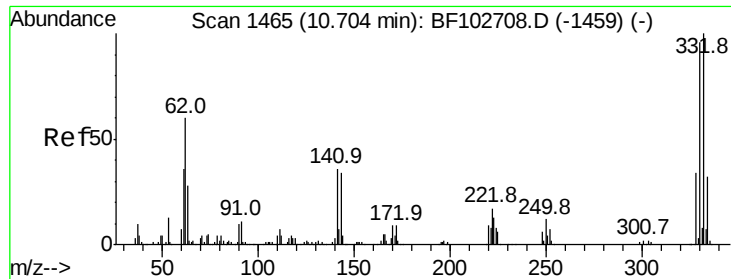


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

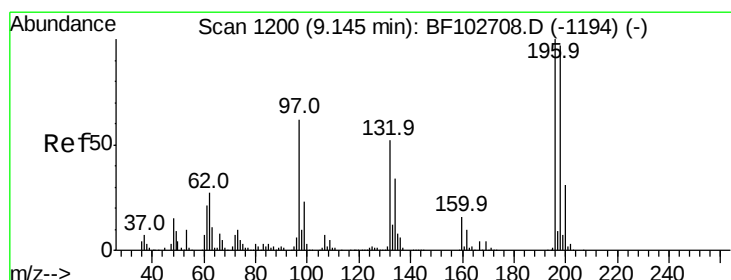
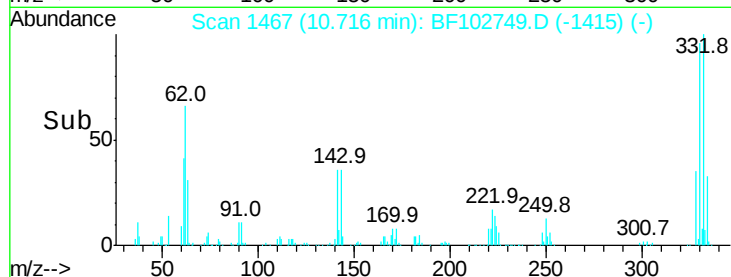
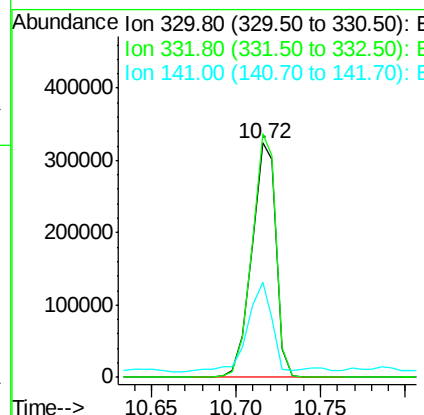
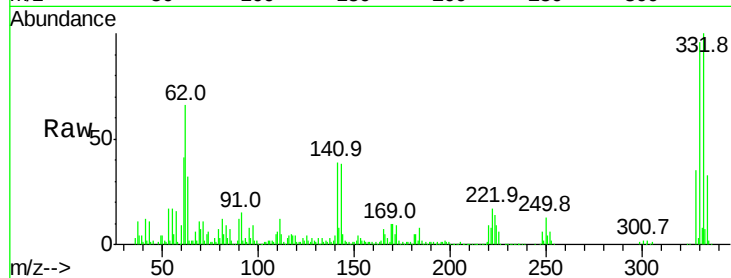




#41
 2,4,6-Tribromophenol
 Concen: 110.321 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

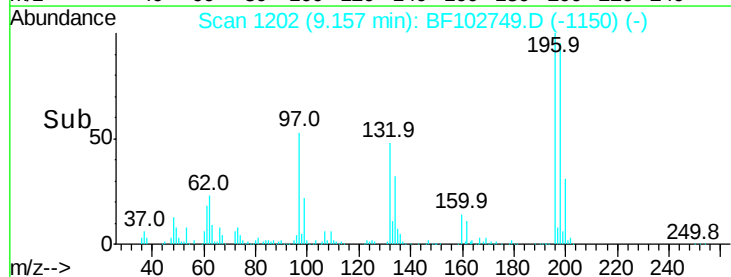
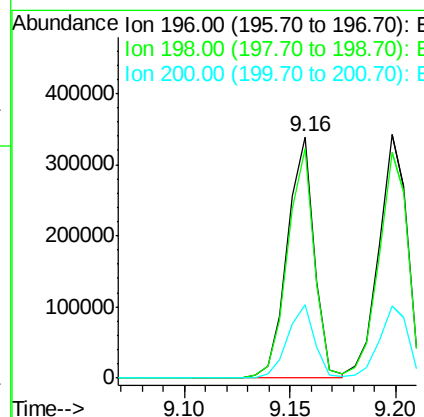
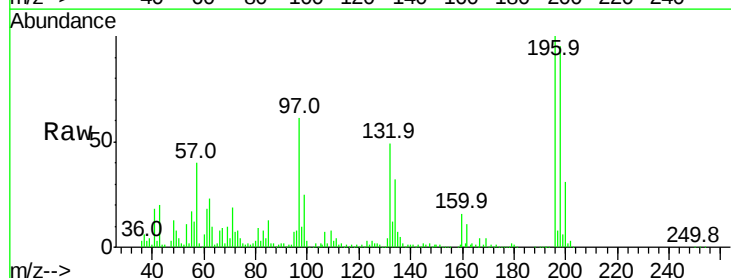
Instrument :
 BNA_F
 ClientSampleId :

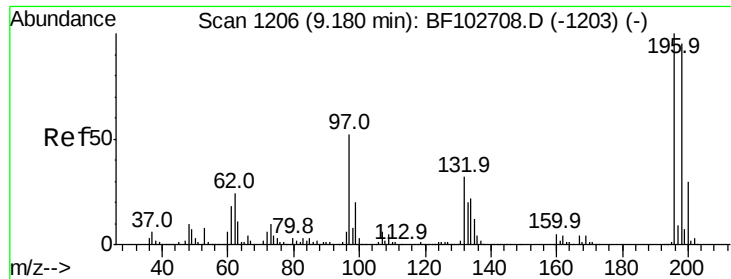
Tot Ion:330 Resp: 325560
 Ion Ratio Lower Upper
 330 100
 332 102.5 77.0 115.6
 141 37.9 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 46.072 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

Tgt Ion:196 Resp: 302101
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 200 30.5 24.5 36.7

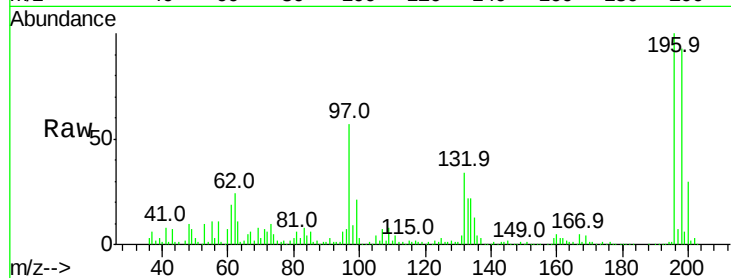




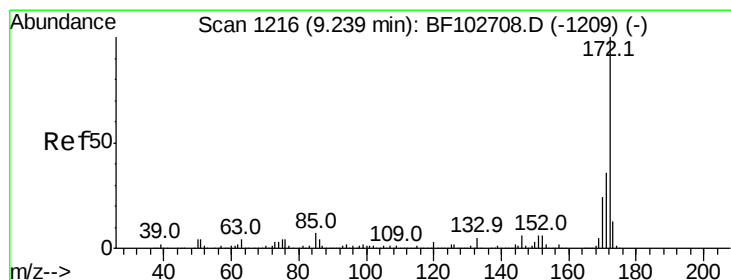
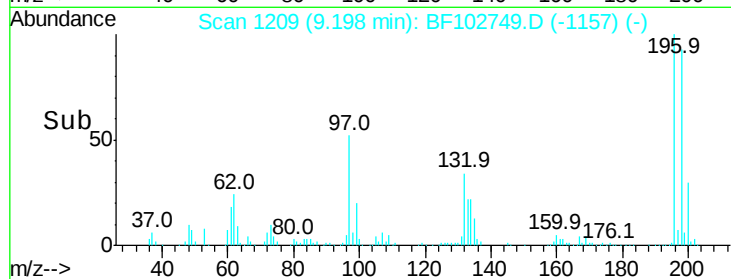
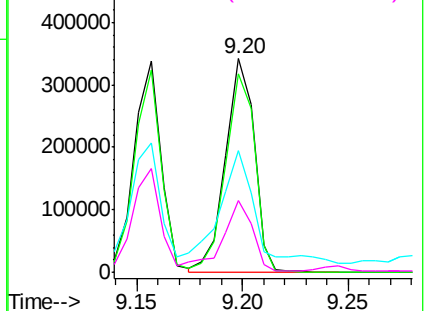
#43
 2,4,5-Trichlorophenol
 Concen: 43.526 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:	196	Resp:	321677
Ion	Ratio	Lower	Upper
196	100		
198	92.6	74.6	112.0
97	57.0	42.9	64.3
132	33.7	26.3	39.5

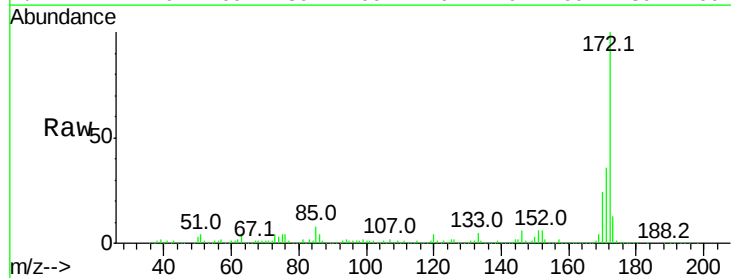


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

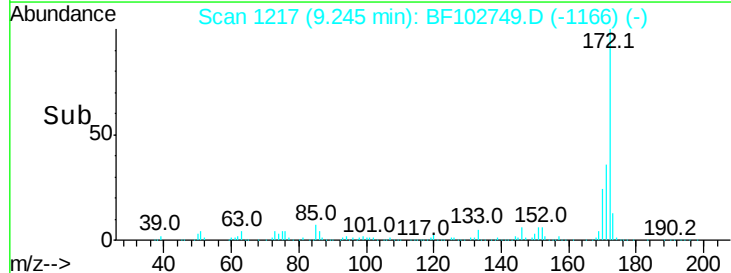
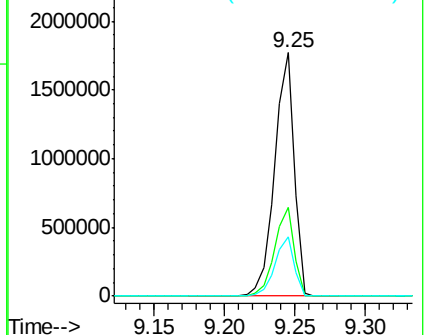


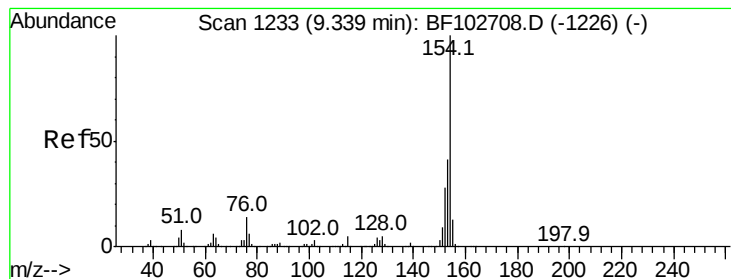
#44
 2-Fluorobiphenyl
 Concen: 77.853 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

Tgt Ion:	172	Resp:	1720199
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	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: 37.883 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA_F

ClientSampleId :

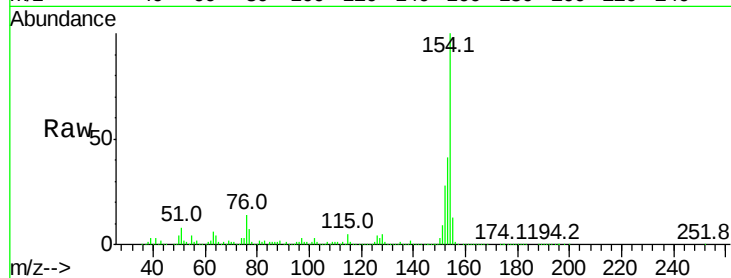
Tot Ion:154 Resp: 1169868

Ion Ratio Lower Upper

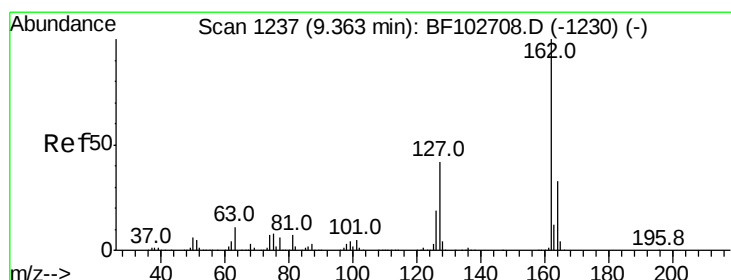
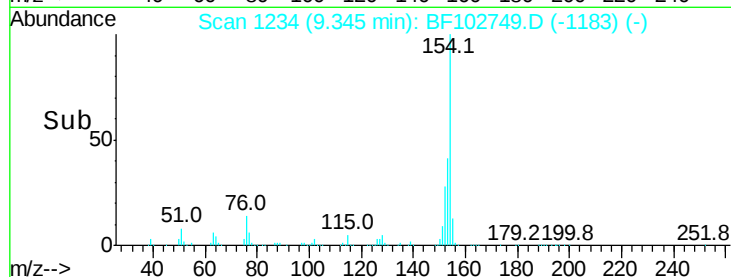
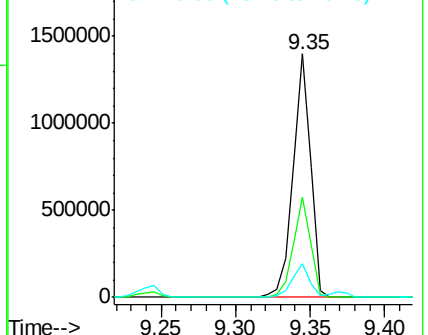
154 100

153 41.3 21.3 61.3

76 13.8 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: 37.998 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

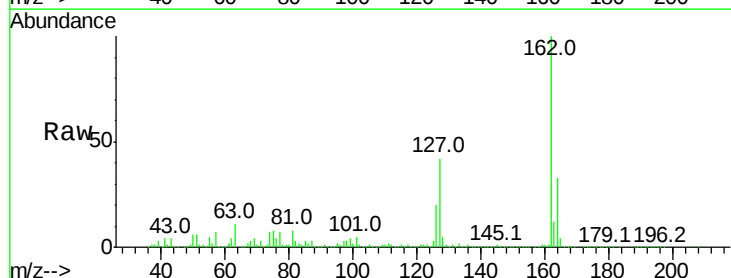
Tgt Ion:162 Resp: 923795

Ion Ratio Lower Upper

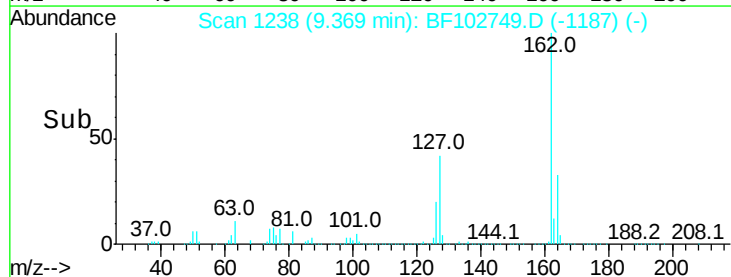
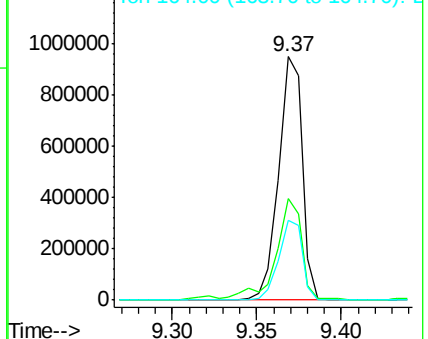
162 100

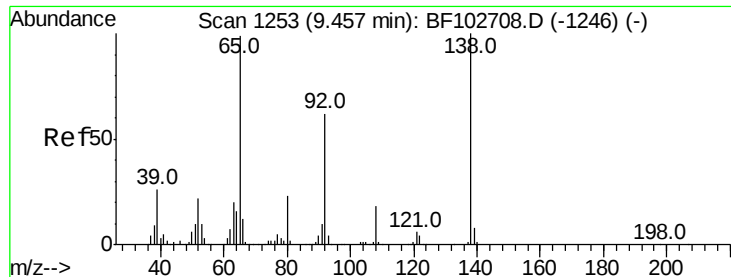
127 41.7 33.9 50.9

164 32.7 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: 47.125 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA_F

ClientSampleId :

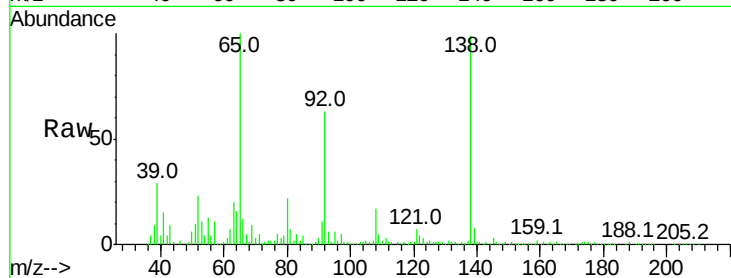
Tot Ion: 65 Resp: 353023

Ion Ratio Lower Upper

65 100

92 62.6 55.8 83.6

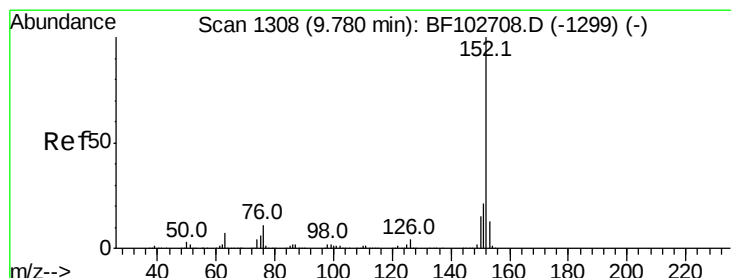
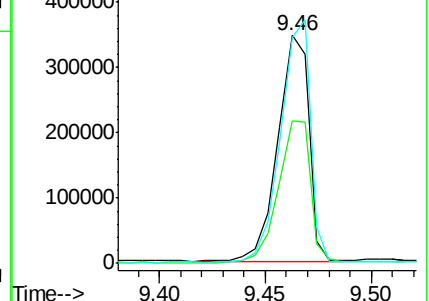
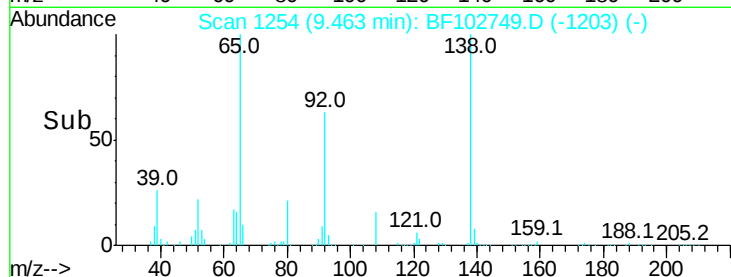
138 99.0 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 35.790 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

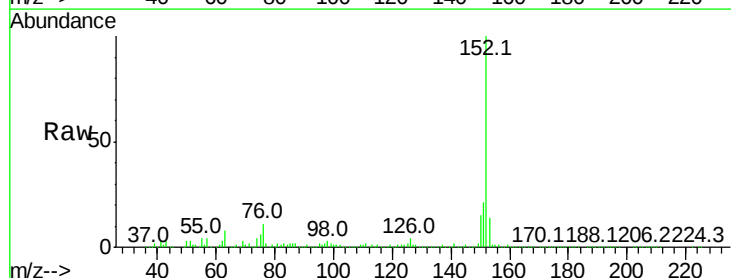
Tgt Ion: 152 Resp: 1351437

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

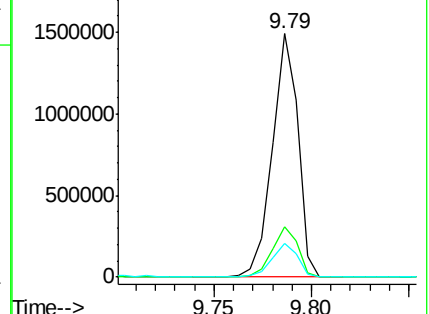
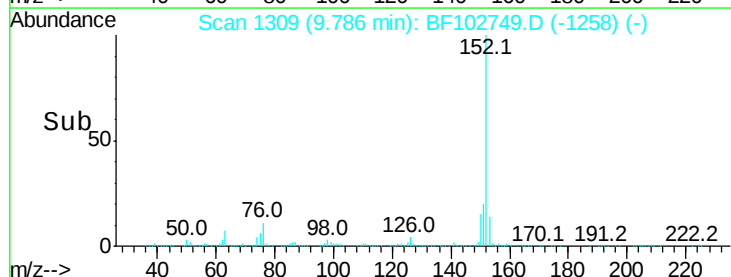
153 13.6 10.7 16.1

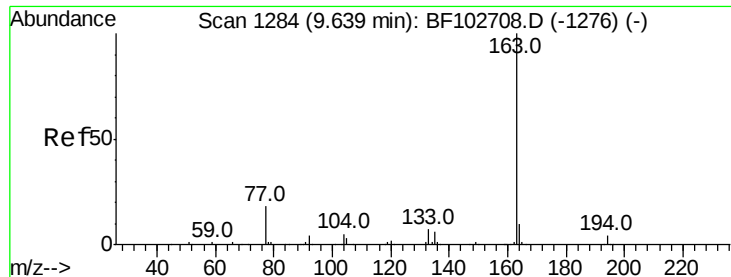


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

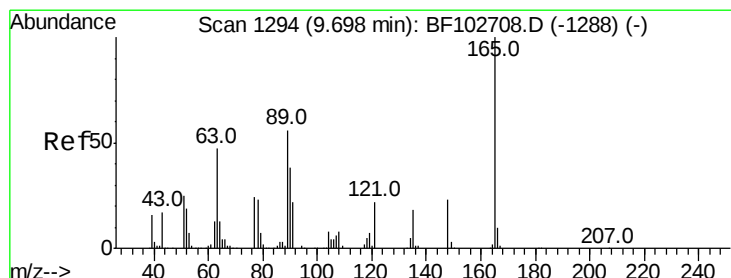
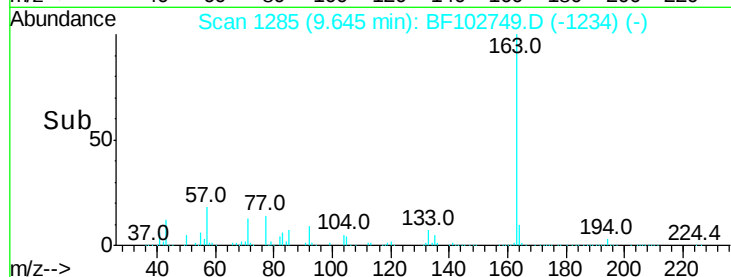
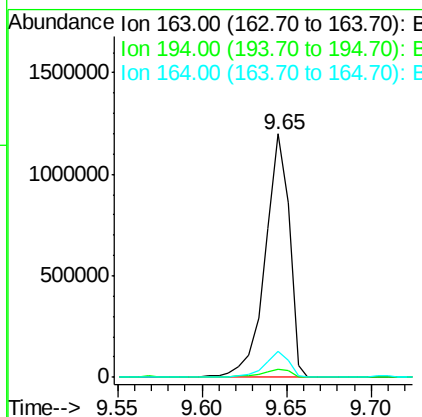
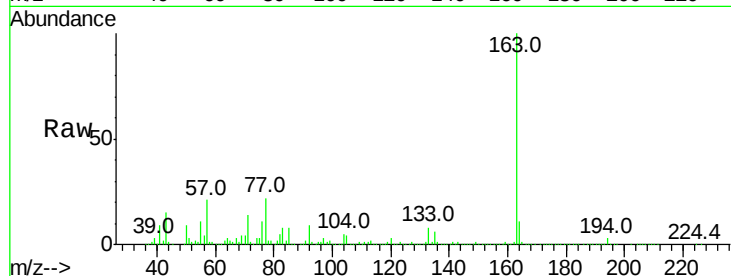




#49
Dimethylphthalate
Concen: 40.984 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

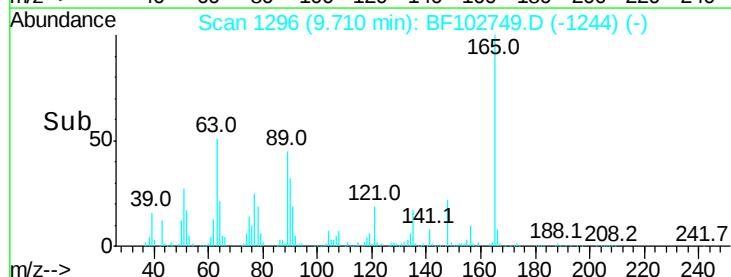
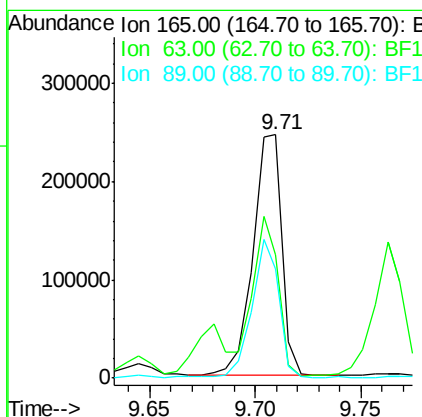
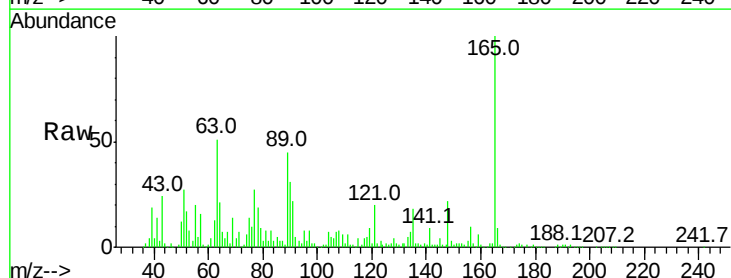
Instrument :
BNA_F
ClientSampleId :

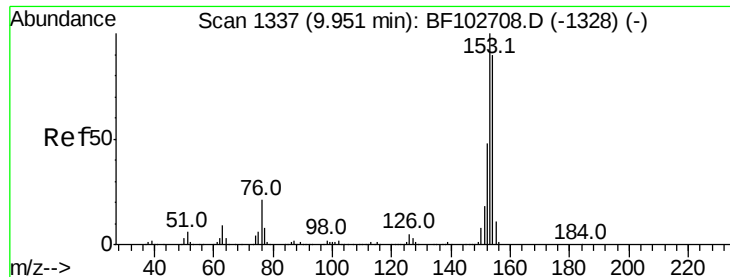
Tot Ion:163 Resp: 1171642
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.7 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 43.096 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Tgt Ion:165 Resp: 234393
Ion Ratio Lower Upper
165 100
63 50.7 44.7 67.1
89 45.1 44.0 66.0





#51

Acenaphthene

Concen: 36.918 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA_F

ClientSampleId :

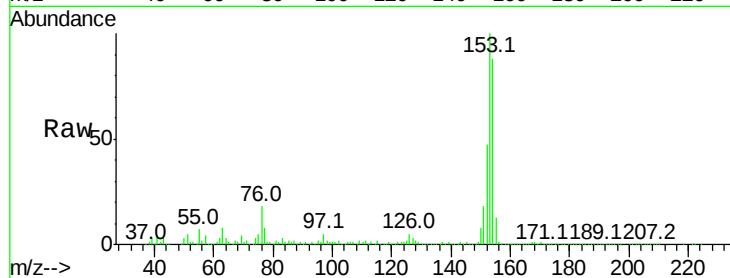
Tot Ion:154 Resp: 833681

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

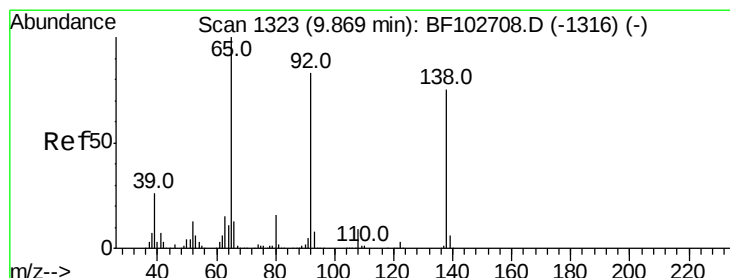
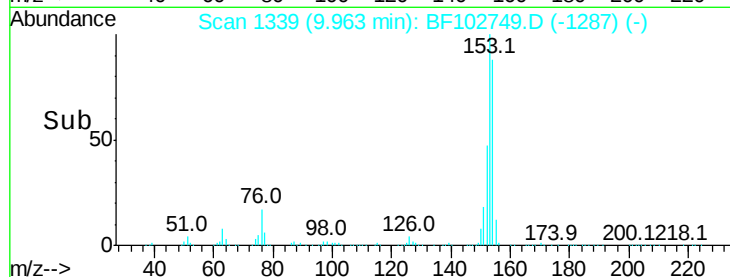
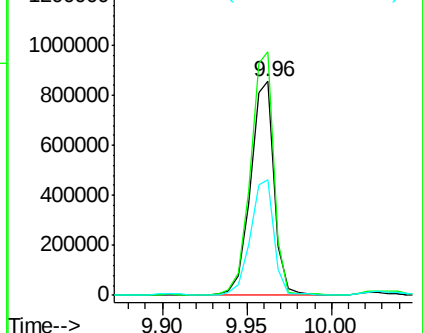
152 54.0 43.8 65.8



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: 31.744 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

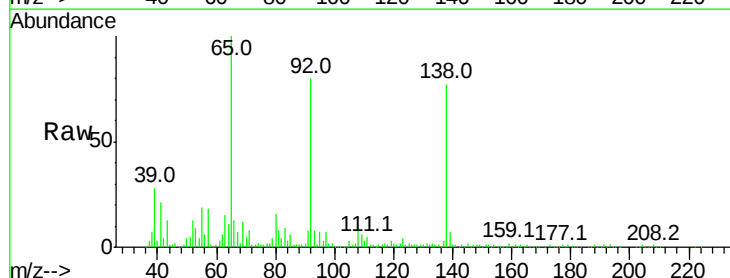
Tgt Ion:138 Resp: 212440

Ion Ratio Lower Upper

138 100

108 12.0 9.4 14.0

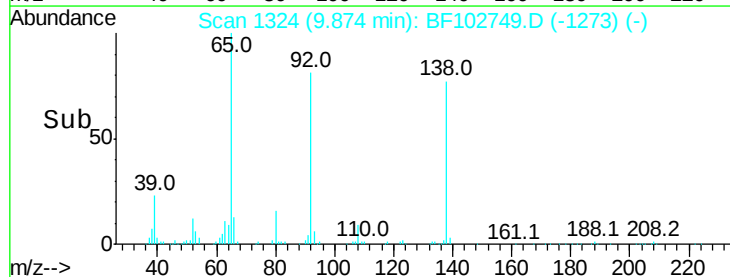
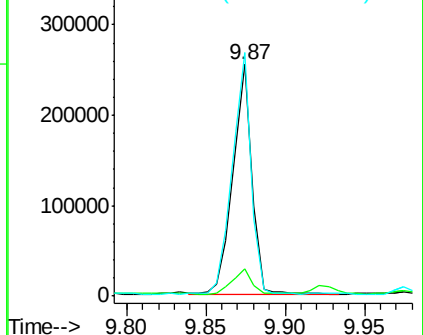
92 105.0 89.4 134.2

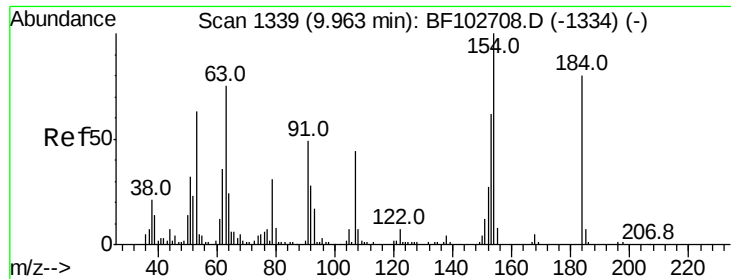


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

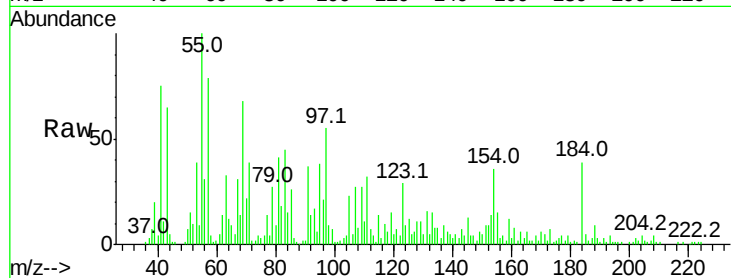




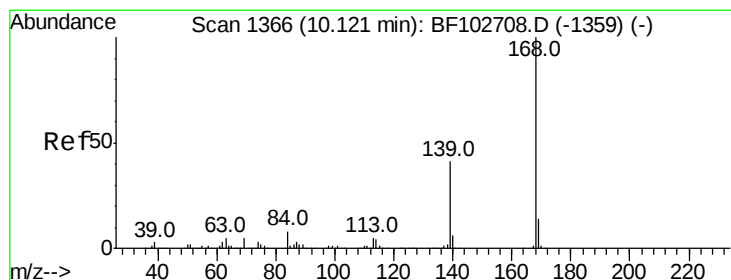
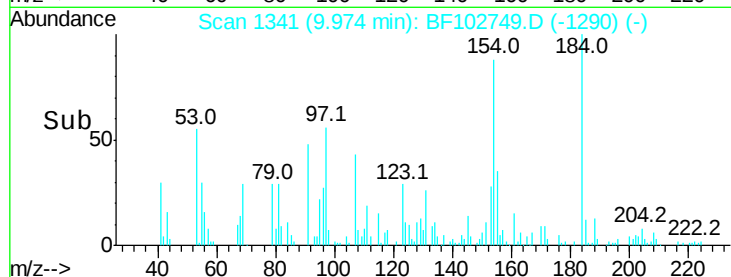
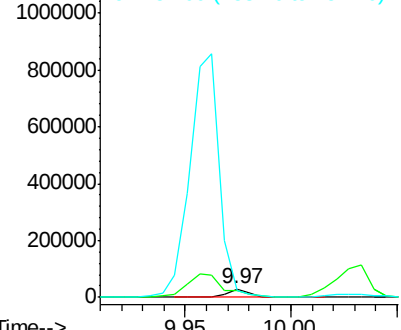
#53
2,4-Dinitrophenol
Concen: 25.800 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 21480
Ion Ratio Lower Upper
184 100
63 84.1 54.2 81.2#
154 91.5 184.0 276.0#

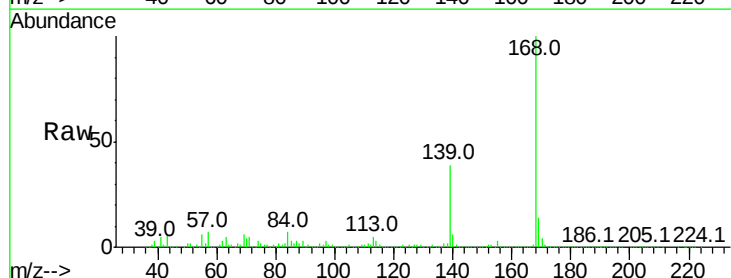


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

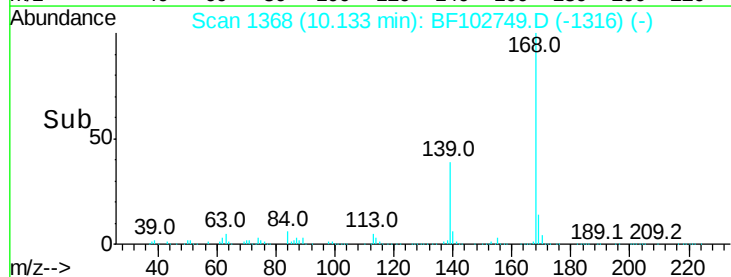
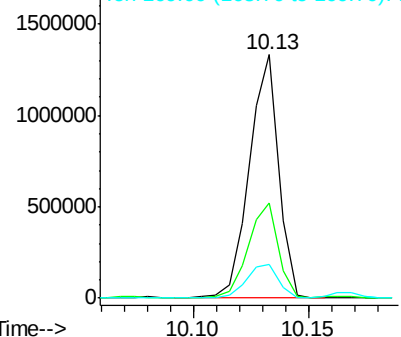


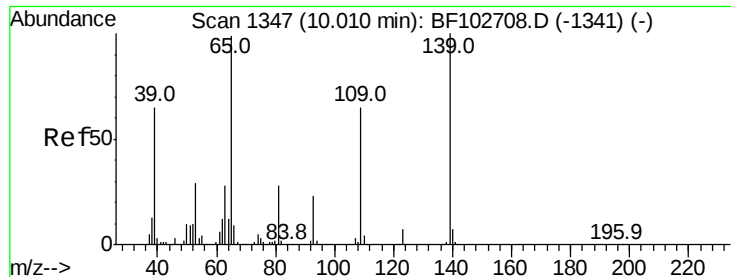
#54
Dibenzofuran
Concen: 36.912 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Tgt Ion:168 Resp: 1174676
Ion Ratio Lower Upper
168 100
139 39.0 30.1 45.1
169 13.8 10.9 16.3



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





#55

4-Nitrophenol

Concen: 75.450 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA_F

ClientSampleId :

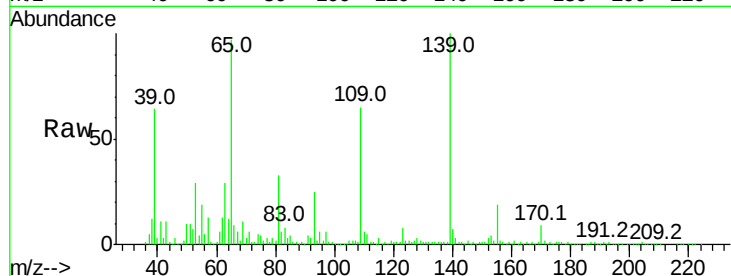
Tot Ion:139 Resp: 413618

Ion Ratio Lower Upper

139 100

109 64.6 48.4 88.4

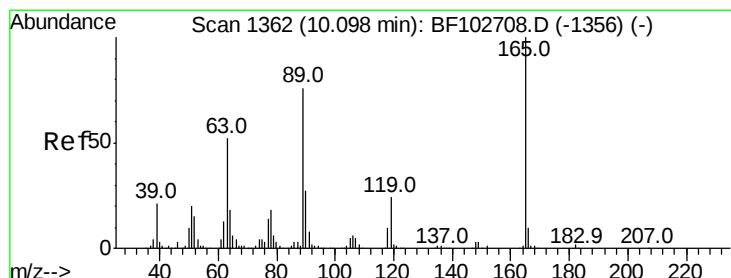
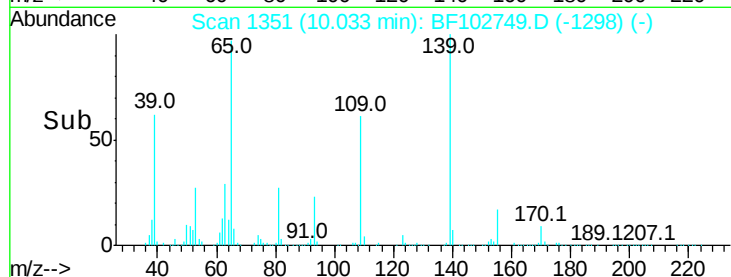
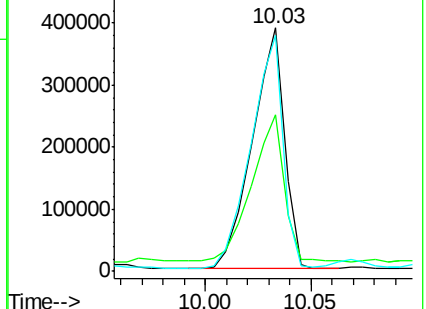
65 96.9 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 40.718 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Tgt Ion:165 Resp: 293375

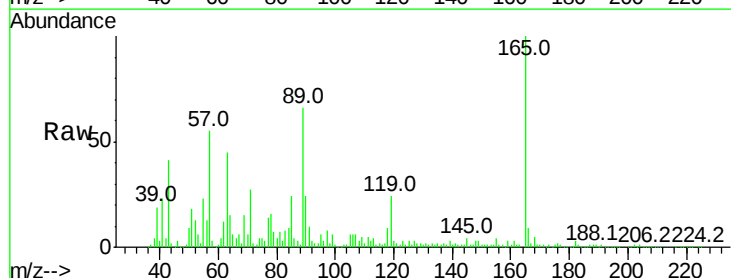
Ion Ratio Lower Upper

165 100

63 45.5 36.4 54.6

89 65.6 57.8 86.6

182 2.5 1.6 2.4#

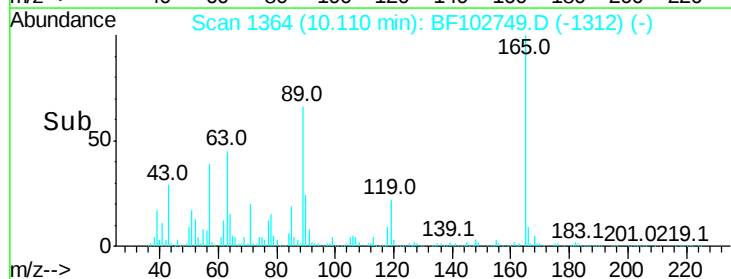
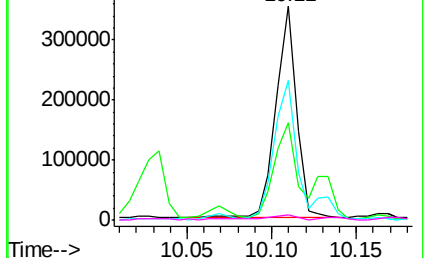


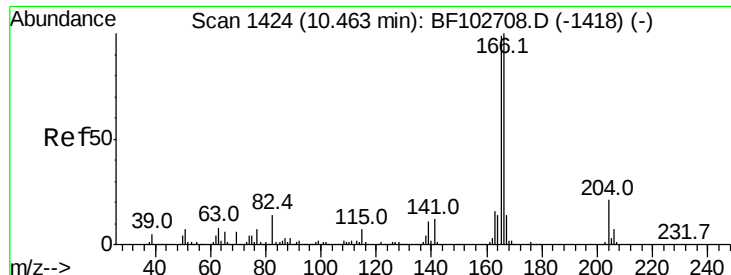
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.578 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA_F

ClientSampleId :

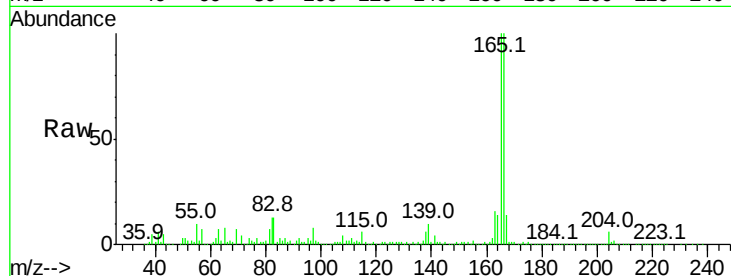
Tot Ion:166 Resp: 870085

Ion Ratio Lower Upper

166 100

165 100.3 79.8 119.8

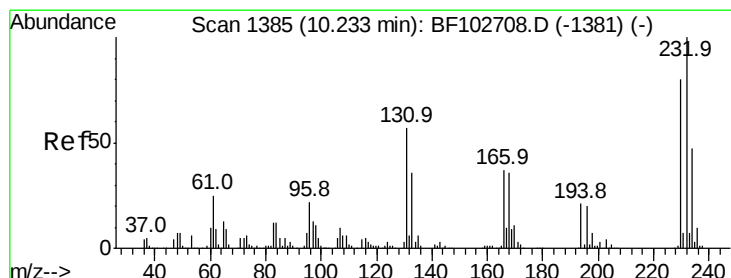
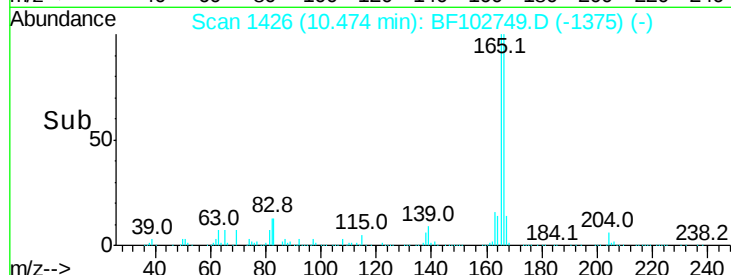
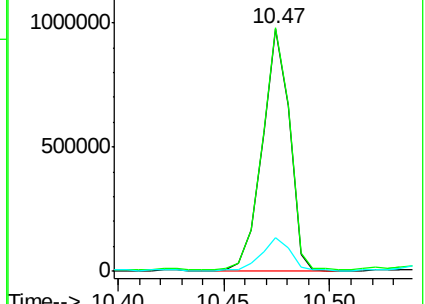
167 14.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.508 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Tgt Ion:232 Resp: 217735

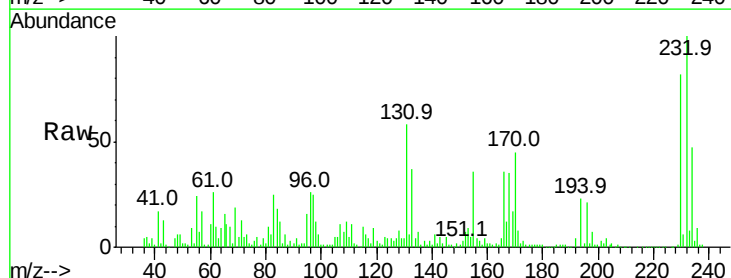
Ion Ratio Lower Upper

232 100

131 52.5 43.8 65.8

130 4.6 2.1 3.1#

166 36.1 27.8 41.6

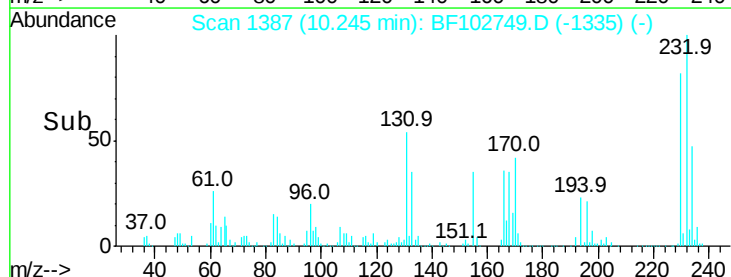
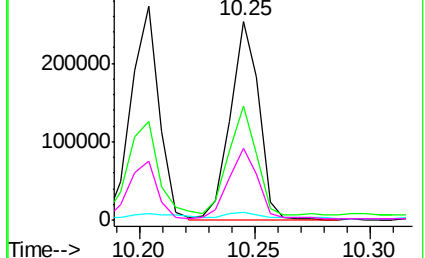


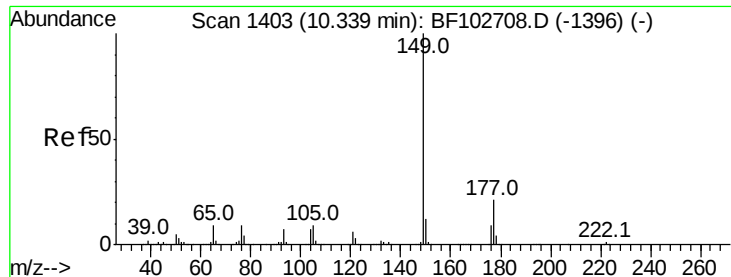
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

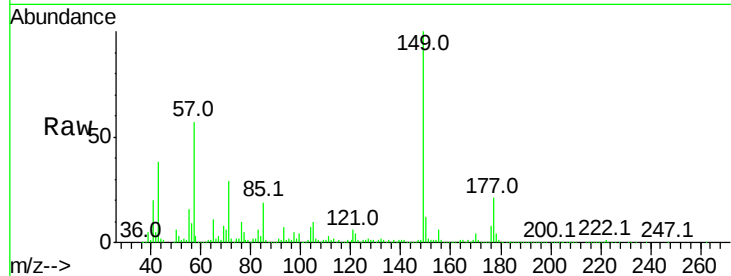




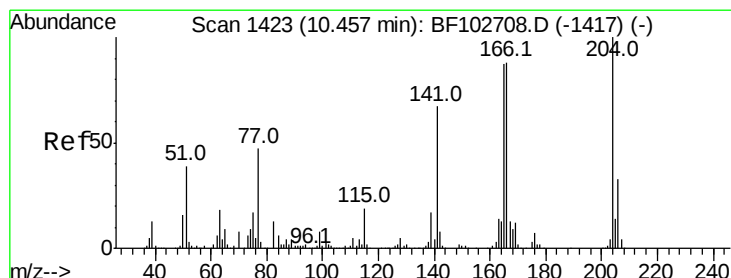
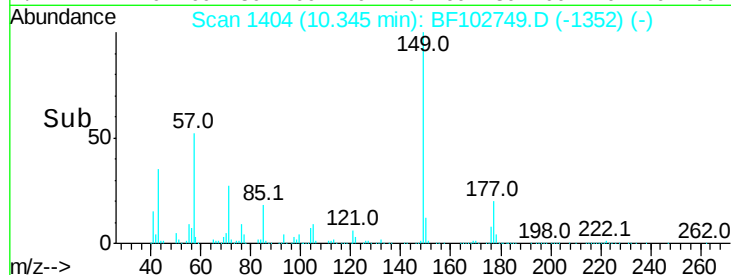
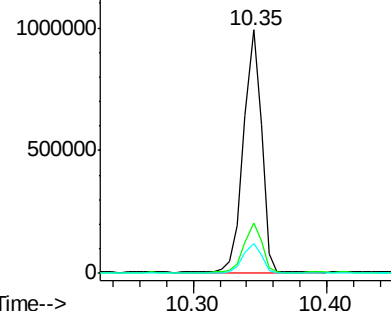
#59
Diethylphthalate
Concen: 32.274 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 911030
Ion Ratio Lower Upper
149 100
177 20.6 16.1 24.1
150 12.4 10.1 15.1

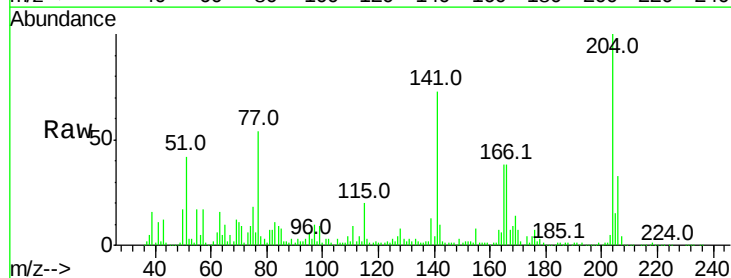


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

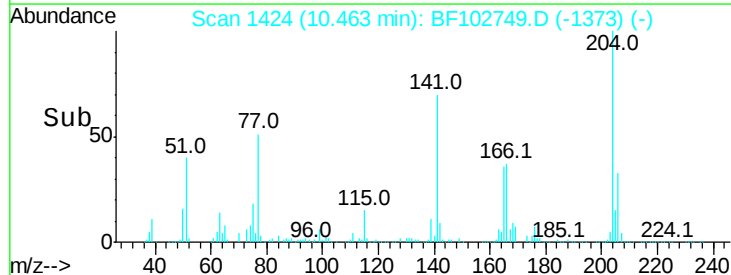
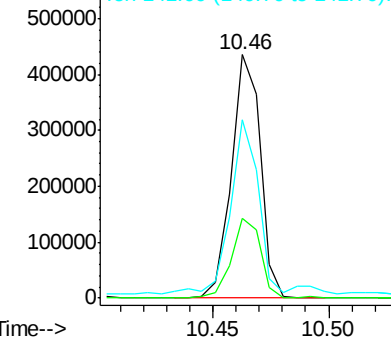


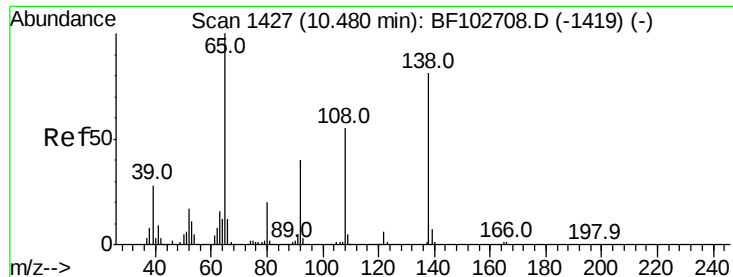
#60
4-Chlorophenyl-phenylether
Concen: 37.098 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Tgt Ion:204 Resp: 379983
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 73.0 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

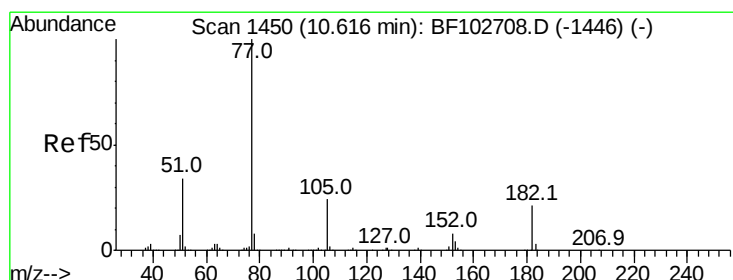
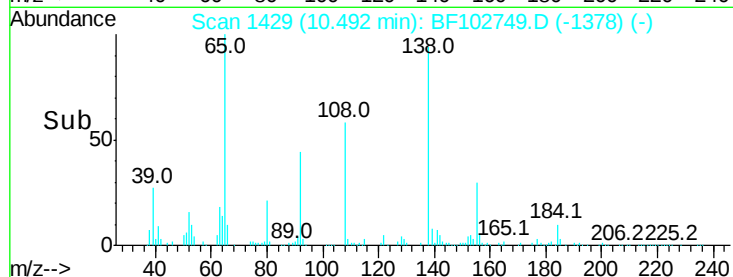
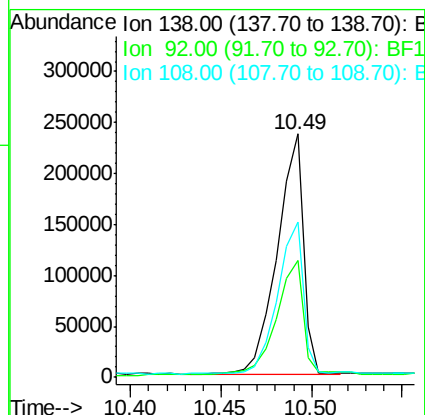
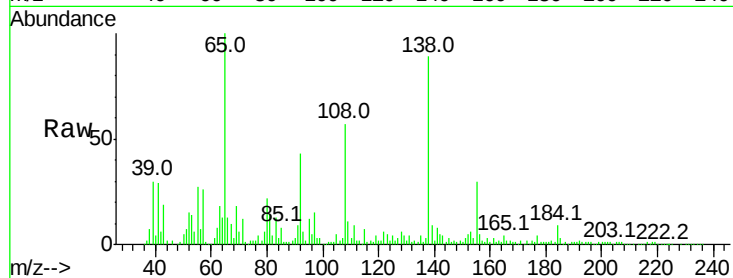




#61
4-Nitroaniline
Concen: 37.109 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

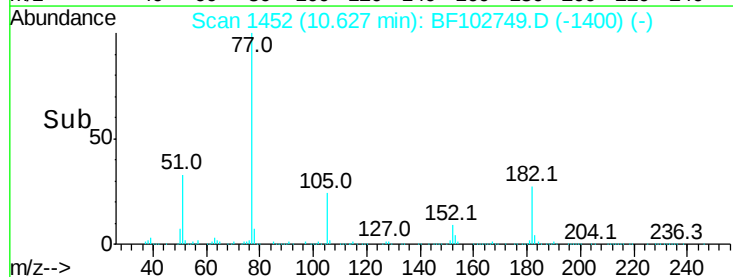
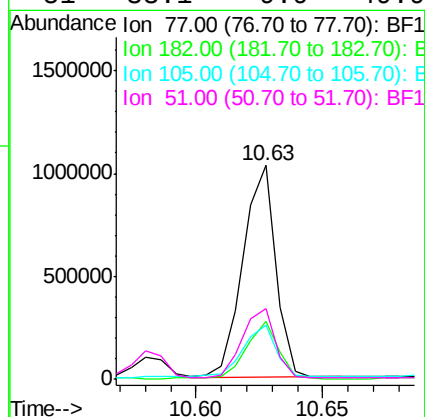
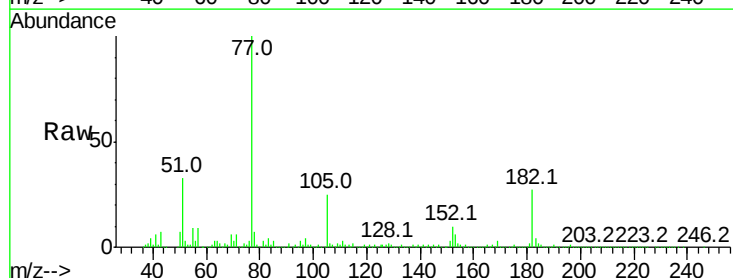
Instrument :
BNA_F
ClientSampleId :

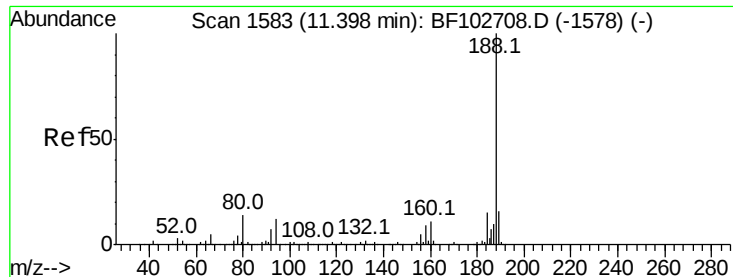
Tot Ion:138 Resp: 236385
Ion Ratio Lower Upper
138 100
92 48.1 30.2 70.2
108 63.6 52.5 92.5



#62
Azobenzene
Concen: 32.678 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Tgt Ion: 77 Resp: 921506
Ion Ratio Lower Upper
77 100
182 26.9 1.7 41.7
105 25.0 3.0 43.0
51 33.1 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA_F

ClientSampleId :

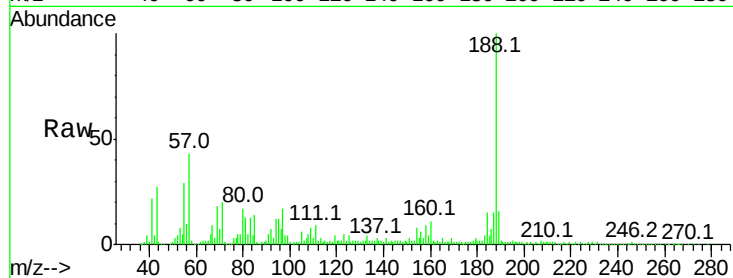
Tot Ion:188 Resp: 482142

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

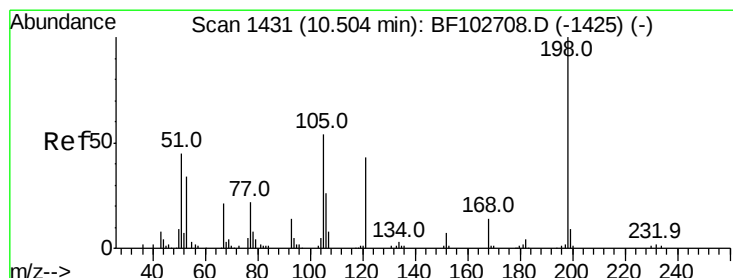
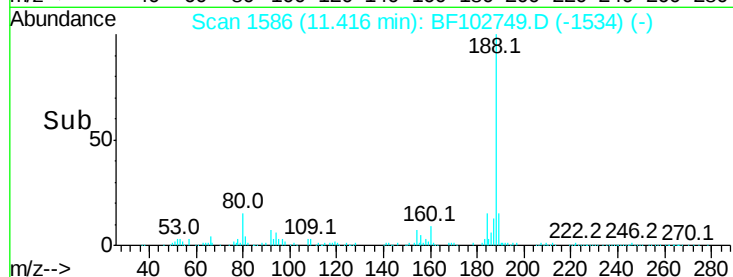
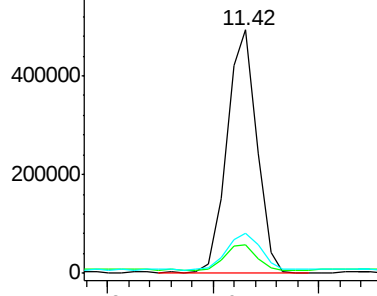
80 16.7 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 18.520 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

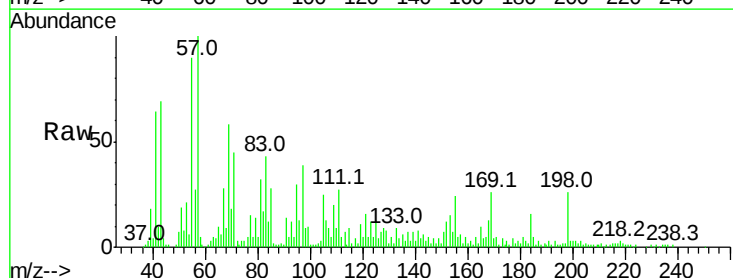
Tgt Ion:198 Resp: 21758

Ion Ratio Lower Upper

198 100

51 74.5 37.7 77.7

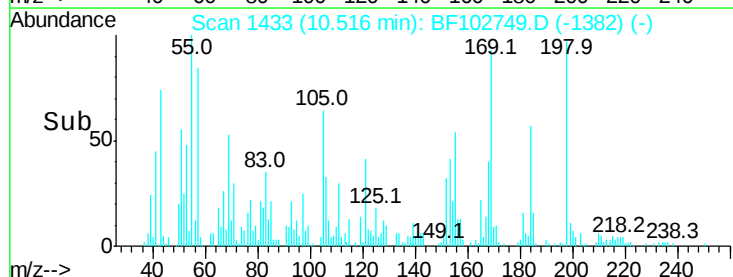
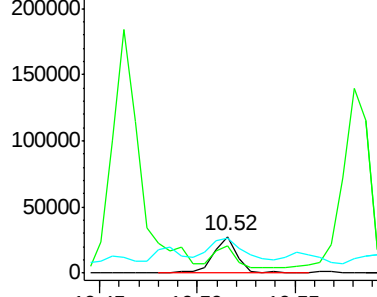
105 97.0 36.3 76.3#

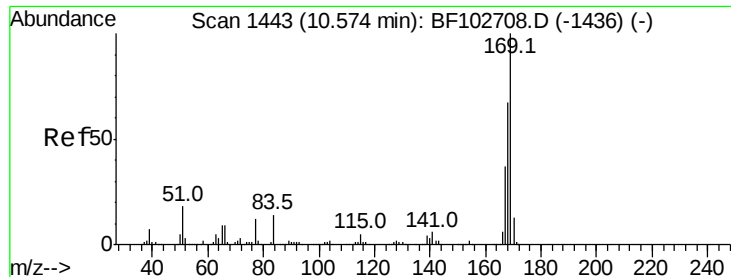


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

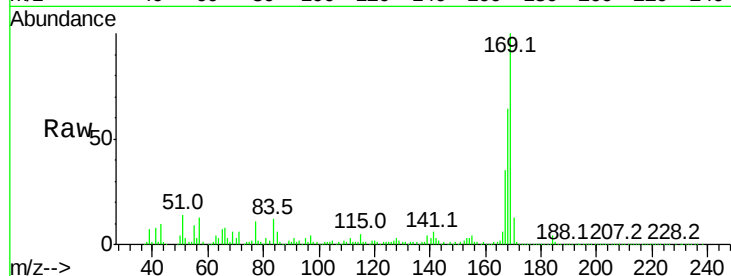




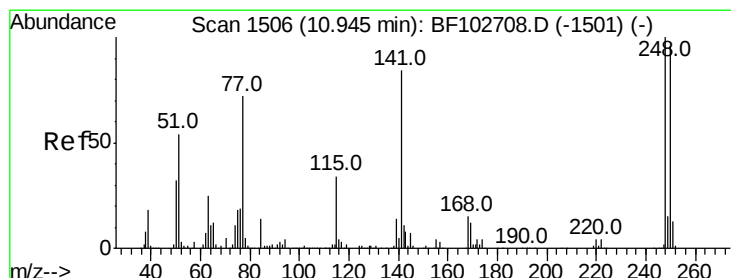
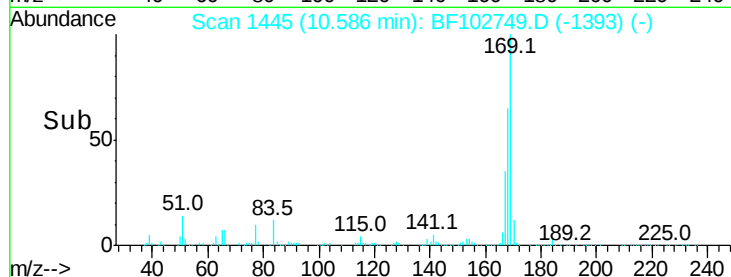
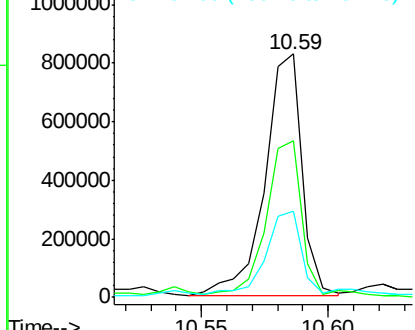
#65
 n-Nitrosodiphenylamine
 Concen: 50.141 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 852730
 Ion Ratio Lower Upper
 169 100
 168 64.5 54.4 81.6
 167 35.2 29.8 44.6

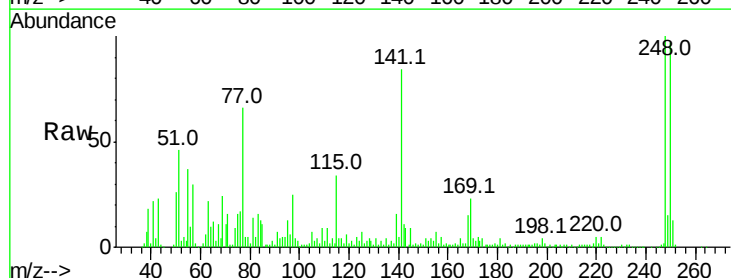


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

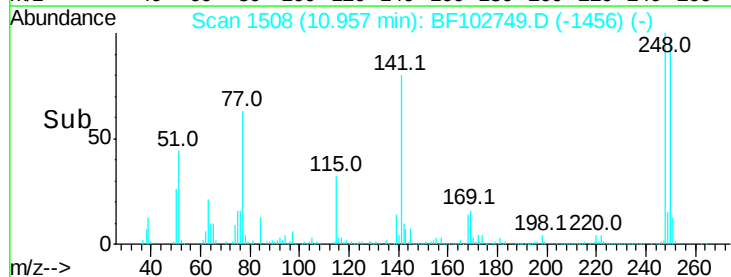
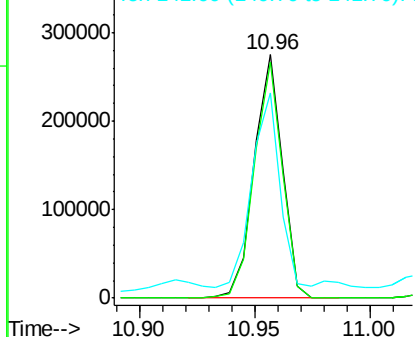


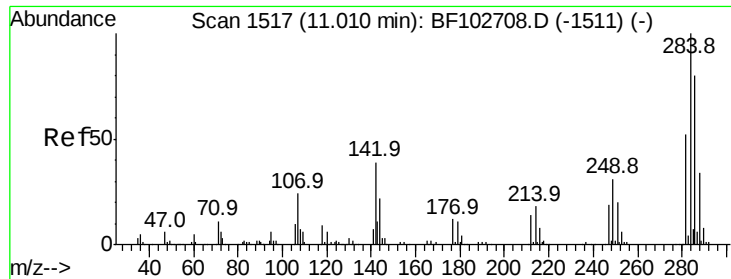
#66
 4-Bromophenyl-phenylether
 Concen: 45.950 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

Tgt Ion:248 Resp: 234351
 Ion Ratio Lower Upper
 248 100
 250 96.7 76.9 115.3
 141 84.4 74.4 111.6



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

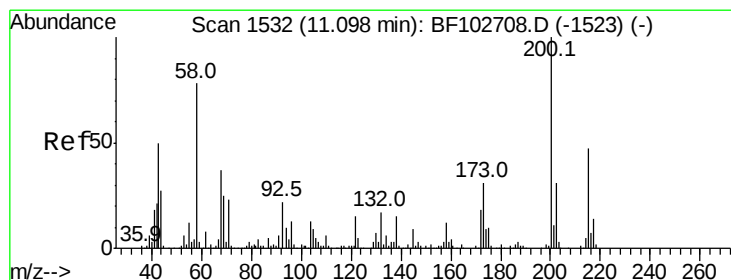
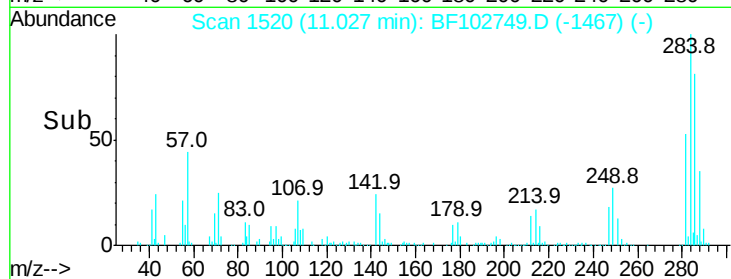
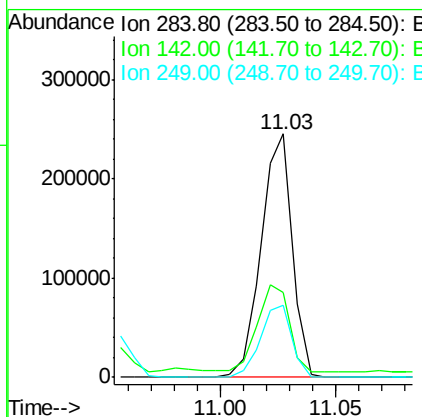
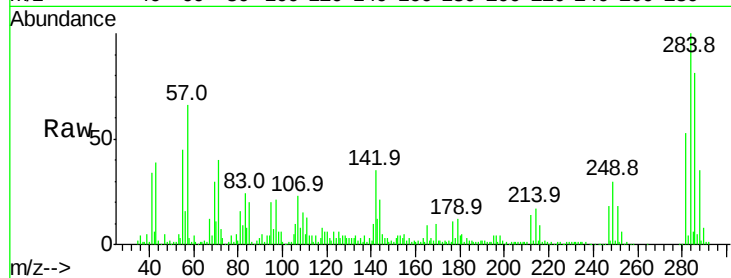




#67
Hexachlorobenzene
Concen: 40.843 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

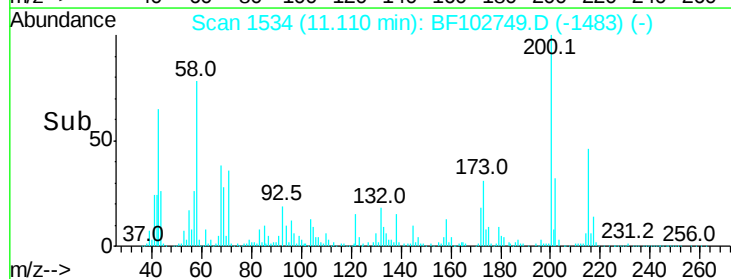
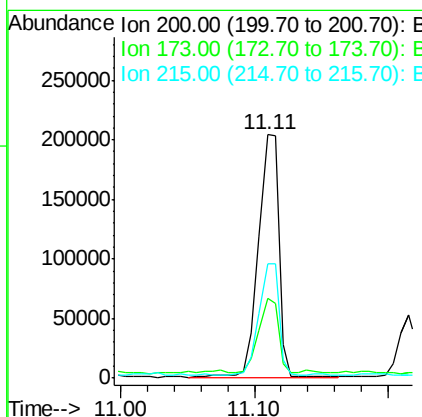
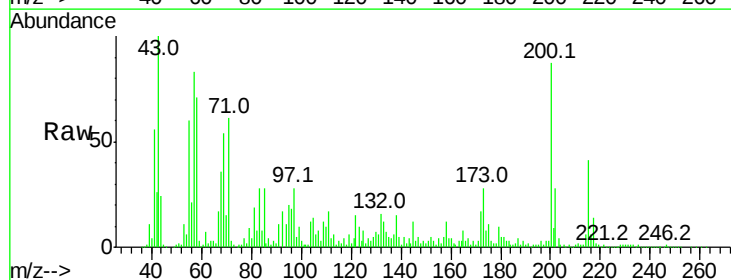
Instrument :
BNA_F
ClientSampleId :

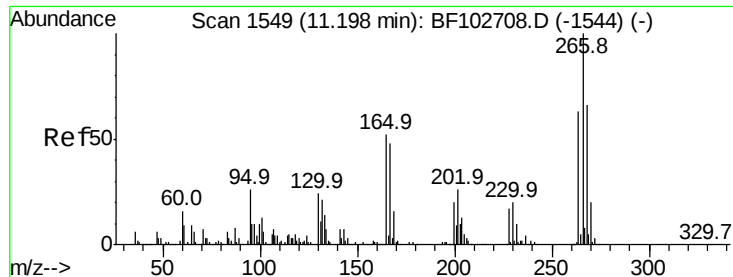
Tot Ion:284 Resp: 229798
Ion Ratio Lower Upper
284 100
142 35.0 34.6 52.0
249 29.7 24.8 37.2



#68
Atrazine
Concen: 42.625 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Tgt Ion:200 Resp: 213857
Ion Ratio Lower Upper
200 100
173 32.7 8.6 48.6
215 46.9 25.1 65.1

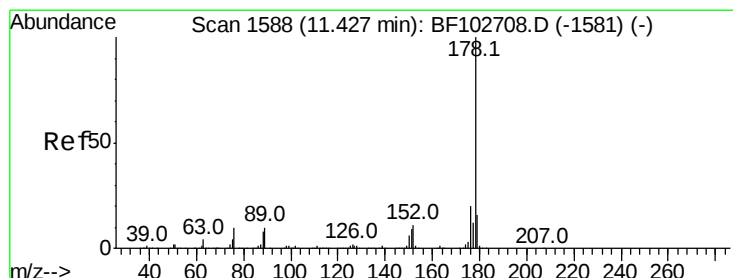
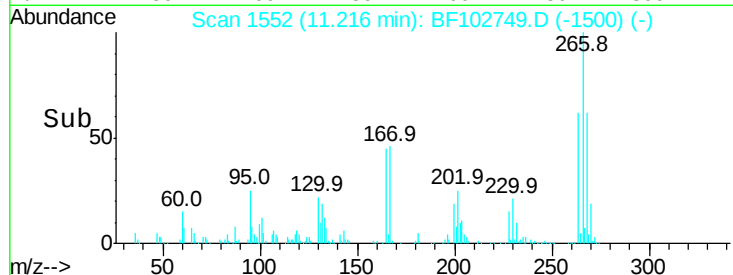
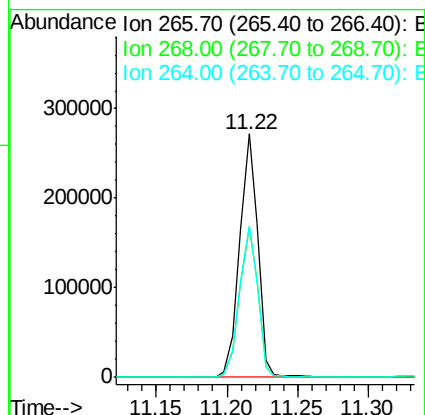
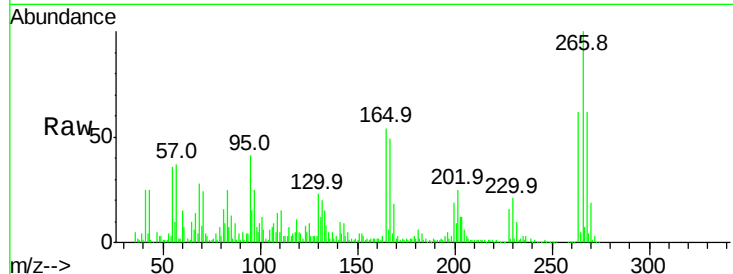




#69
 Pentachlorophenol
 Concen: 74.030 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

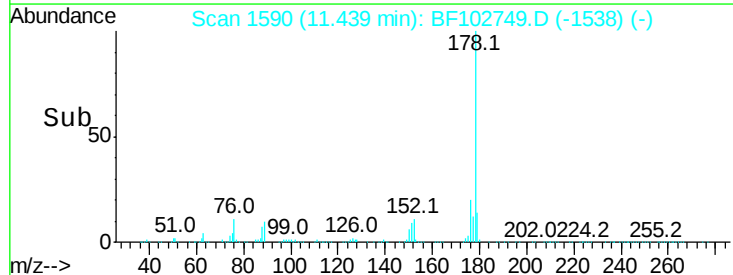
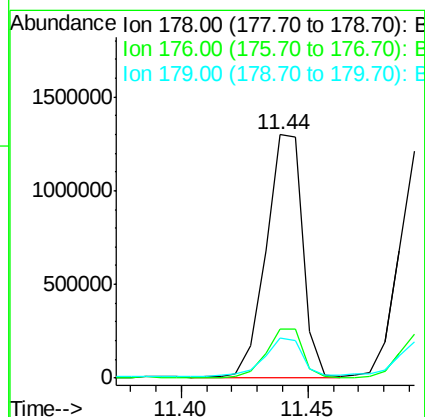
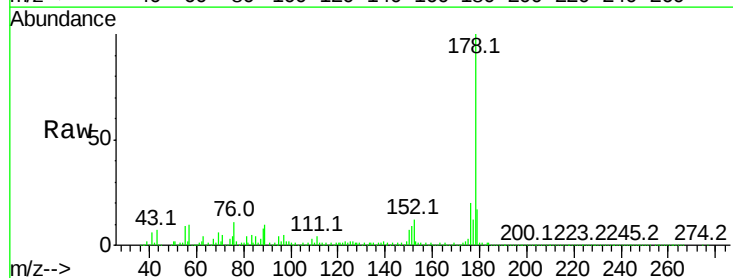
Instrument :
 BNA_F
 ClientSampleId :

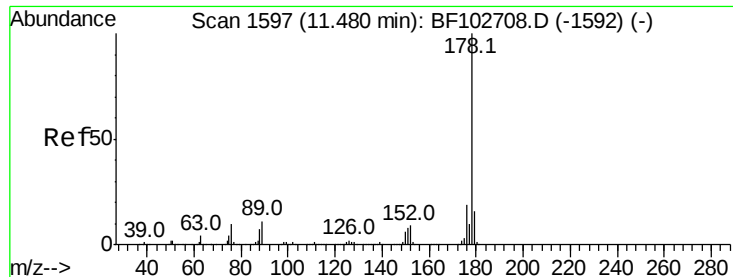
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.1	76.7
264	62.3	49.5	74.3



#70
 Phenanthrene
 Concen: 48.663 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	16.6	13.0	19.6

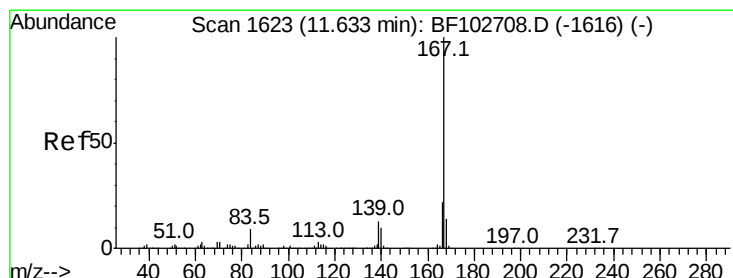
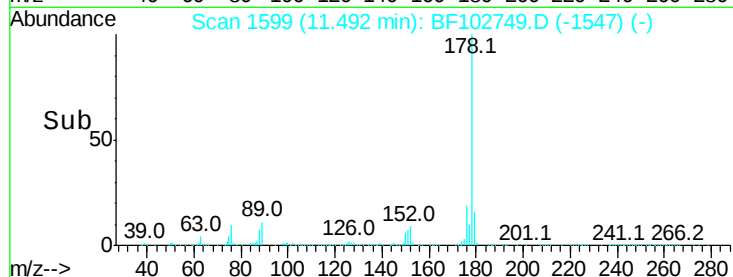
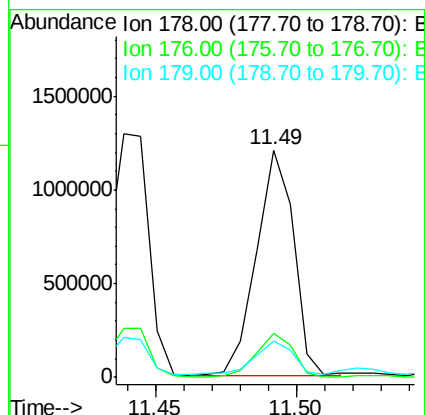
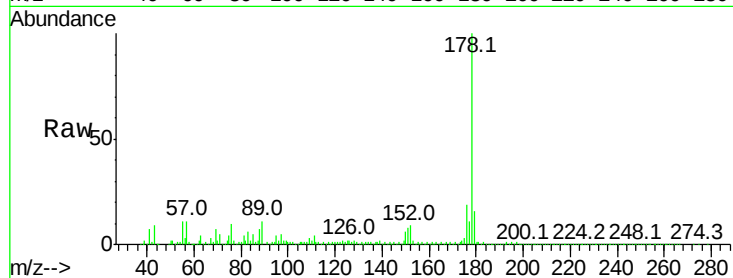




#71
 Anthracene
 Concen: 40.152 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

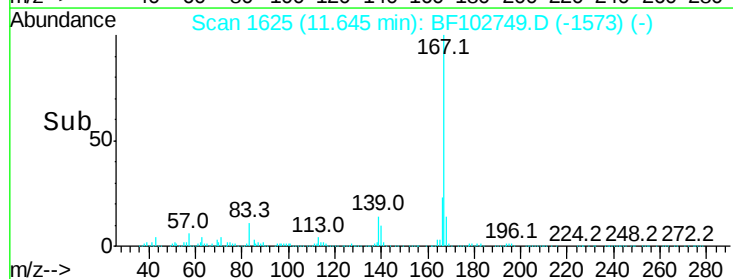
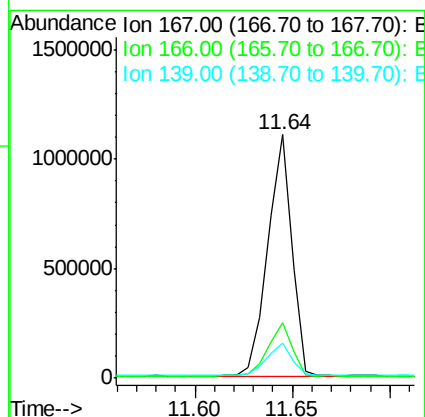
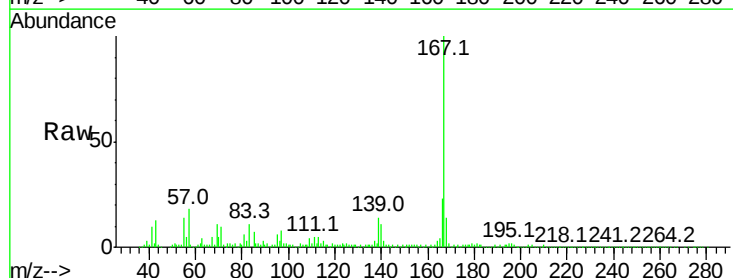
Instrument :
 BNA_F
 ClientSampleId :

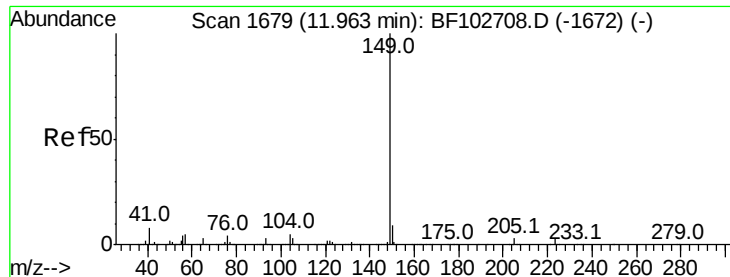
Tot Ion:178 Resp: 1096604
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 35.141 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

Tgt Ion:167 Resp: 940240
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 14.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.844 ng

RT: 11.97 min Scan# 1681

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA_F

ClientSampleId :

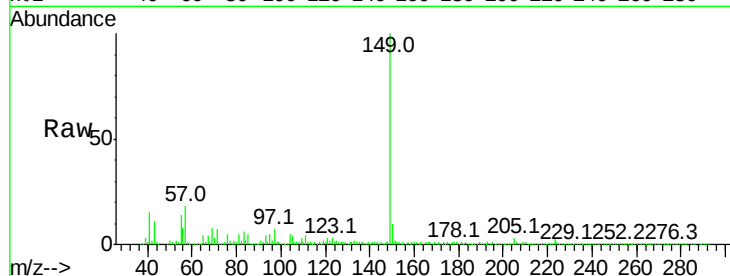
Tot Ion:149 Resp: 1229992

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

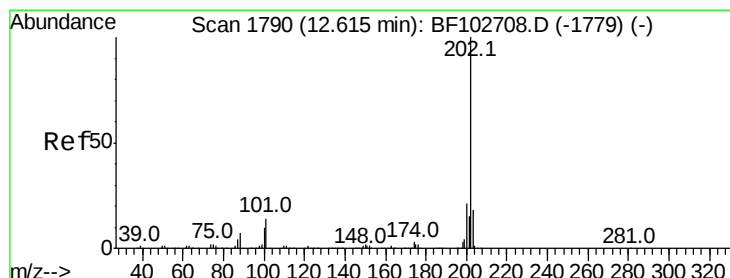
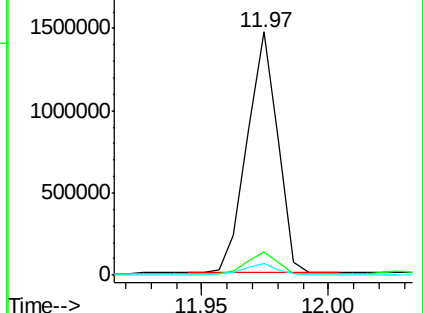
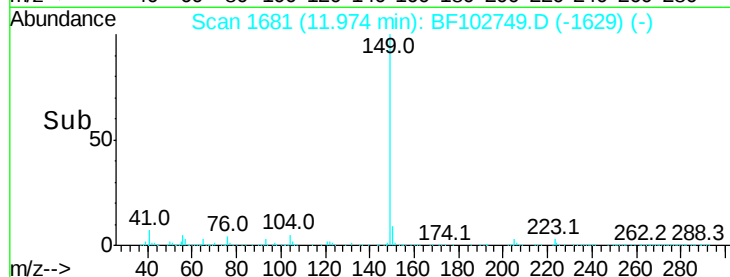
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.593 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.02 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

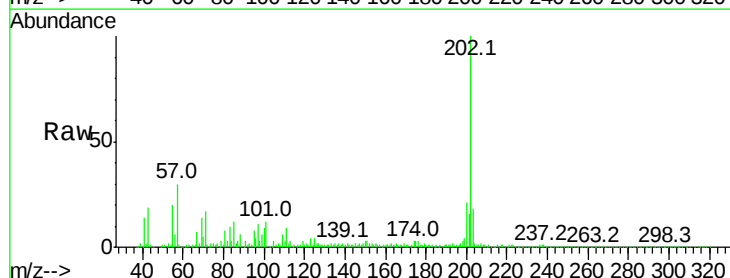
Tgt Ion:202 Resp: 988606

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.1

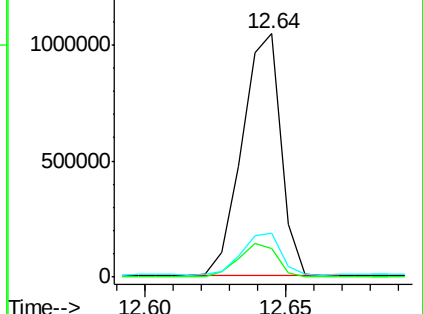
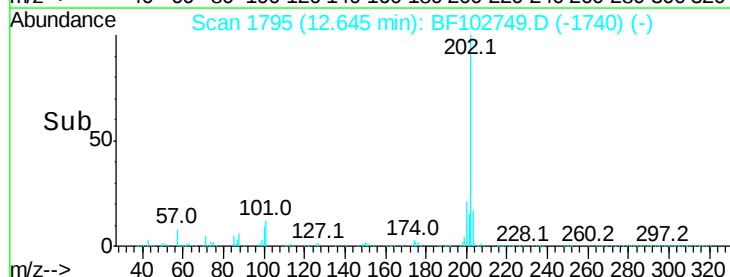
203 18.0 0.0 38.1

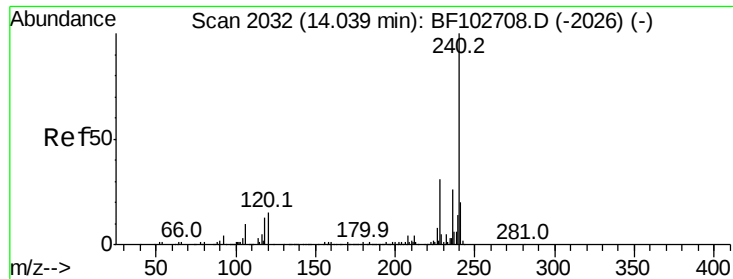


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA_F

ClientSampleId :

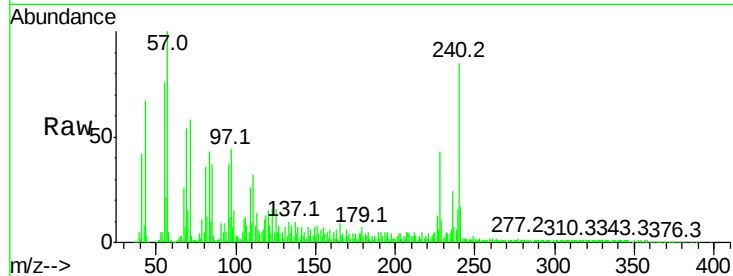
Tot Ion:240 Resp: 234116

Ion Ratio Lower Upper

240 100

120 18.0 9.5 14.3#

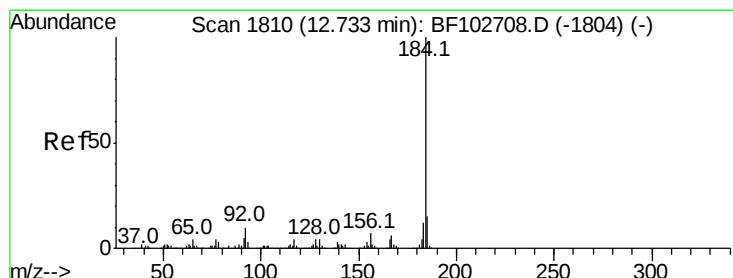
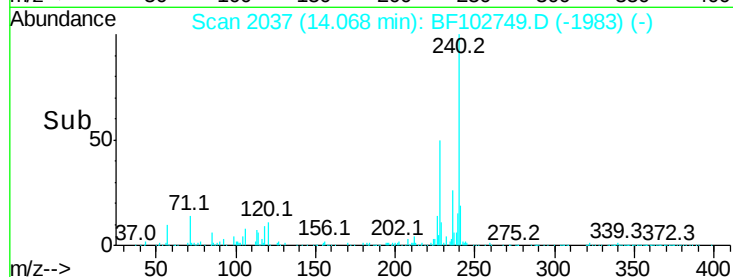
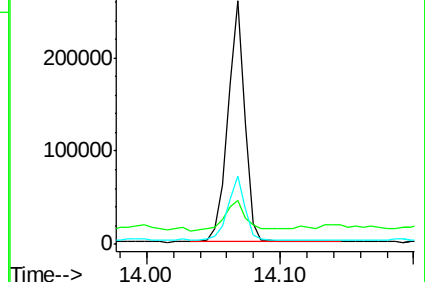
236 28.2 20.7 31.1



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: 27.668 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

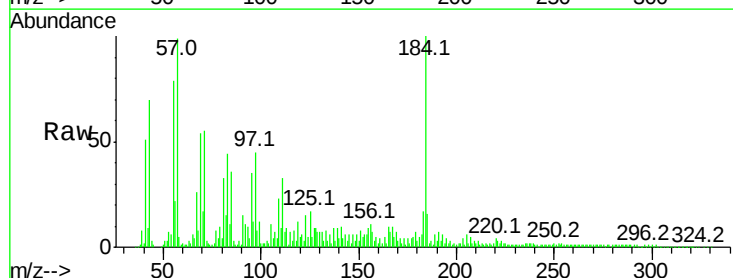
Tgt Ion:184 Resp: 297707

Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

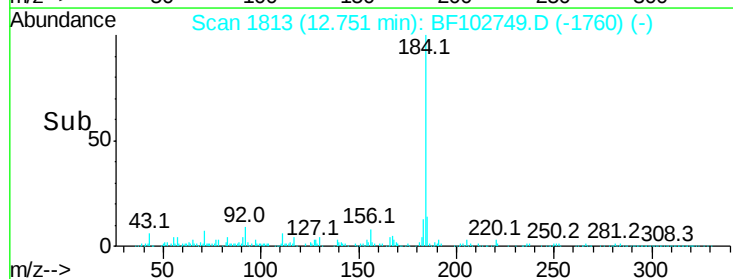
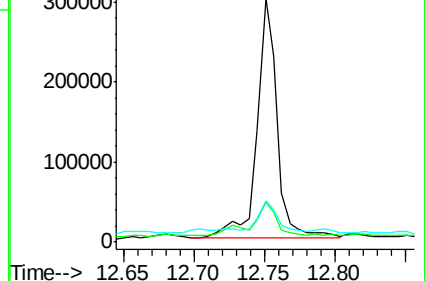
183 17.1 9.3 13.9#

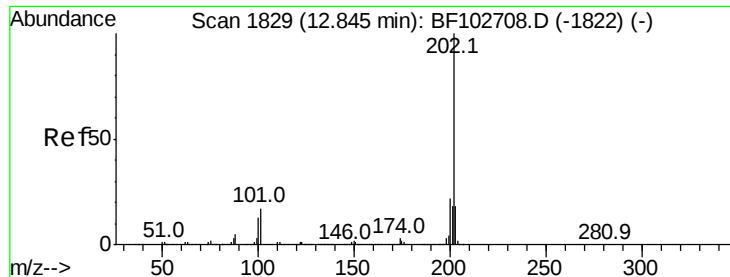


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

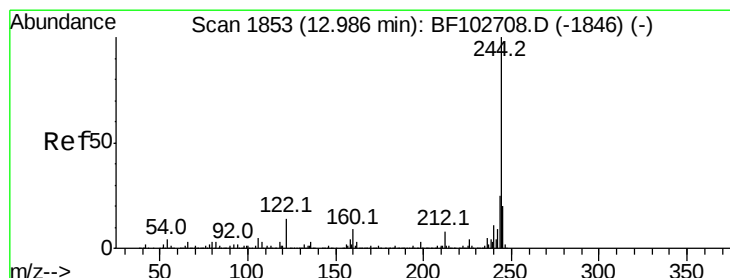
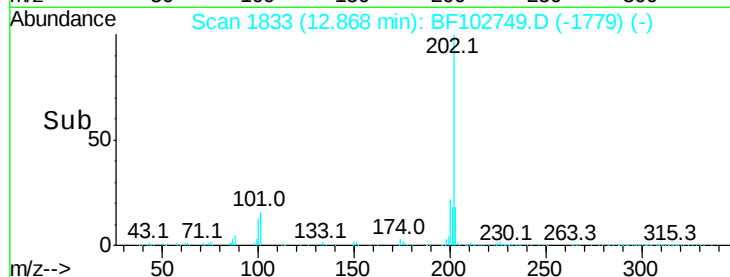
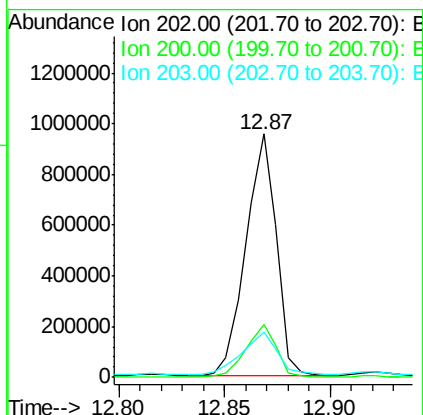
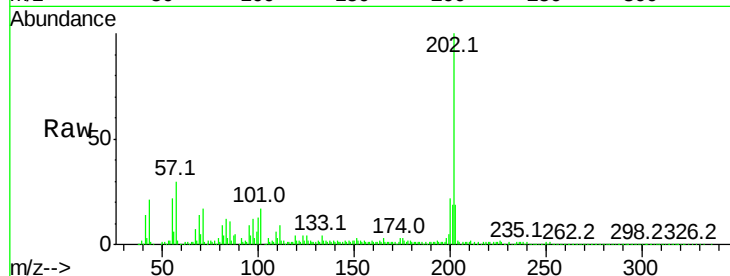




#77
Pvrene
Concen: 51.885 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.02 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

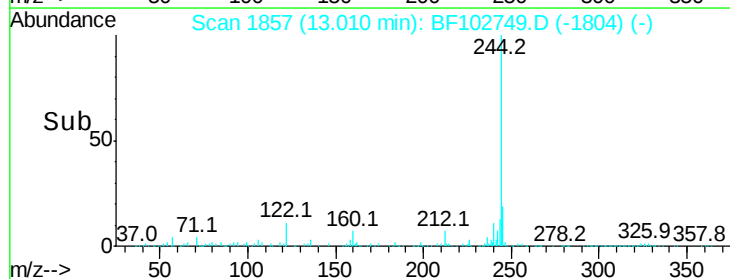
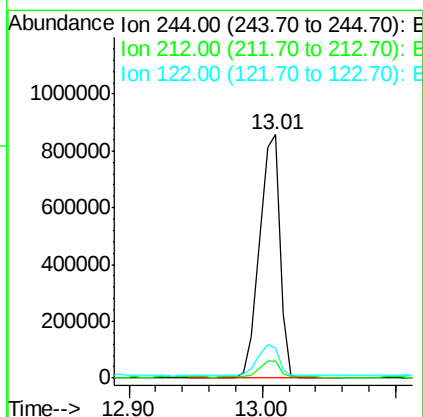
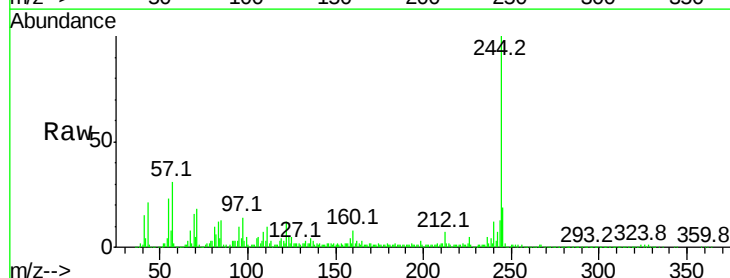
Instrument :
BNA_F
ClientSampleId :

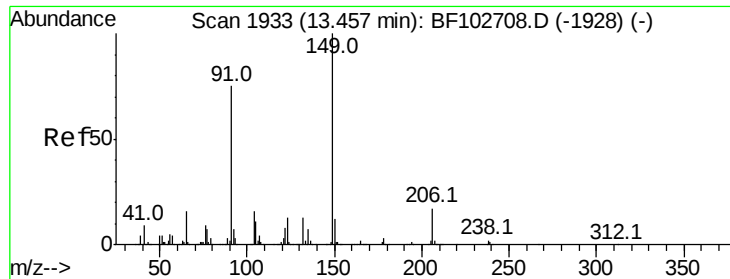
Tot Ion:202 Resp: 952528
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 18.6 14.3 21.5



#78
Terphenyl-d14
Concen: 90.324 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Tgt Ion:244 Resp: 893089
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 12.4 11.0 16.4

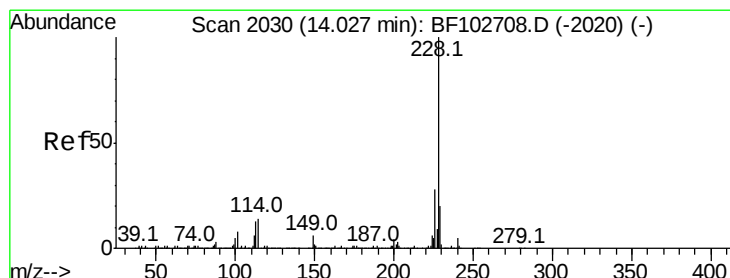
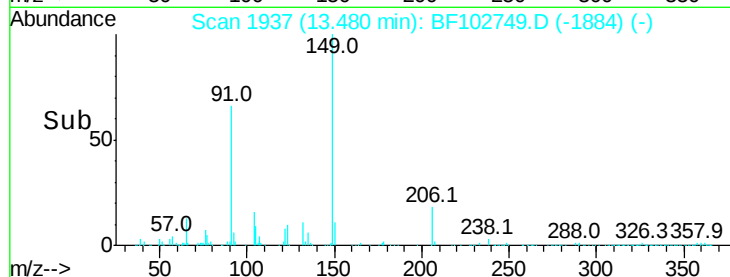
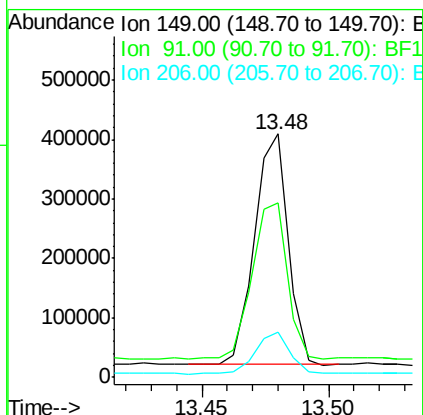
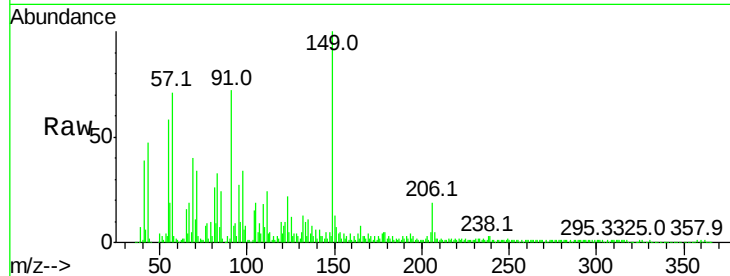




#79
Butylbenzylphthalate
Concen: 40.695 ng
RT: 13.48 min Scan# 1937
Delta R.T. 0.01 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

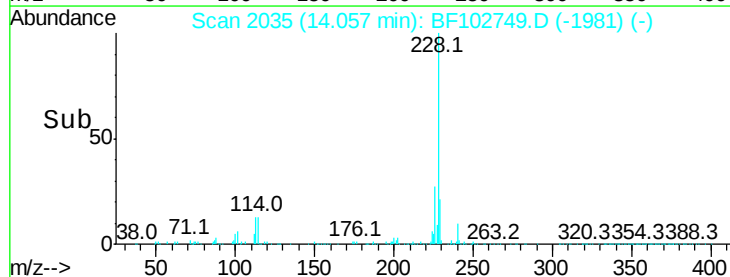
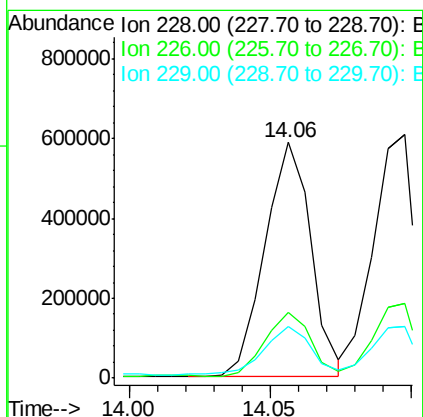
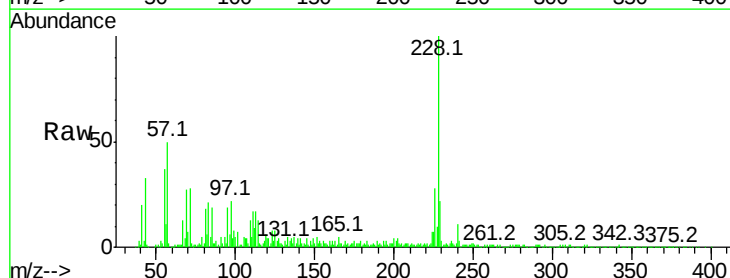
Instrument :
BNA_F
ClientSampleId :

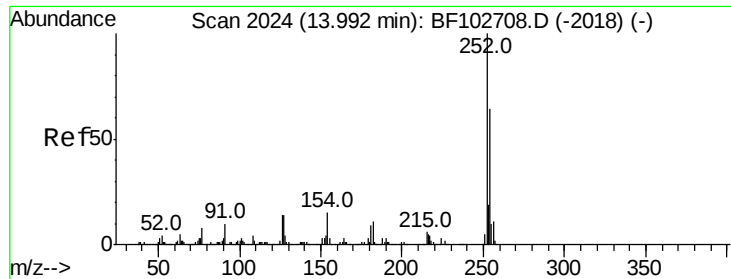
Tot Ion:149 Resp: 355960
Ion Ratio Lower Upper
149 100
91 71.8 56.8 85.2
206 18.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 44.893 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Tgt Ion:228 Resp: 660998
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 22.0 15.8 23.6

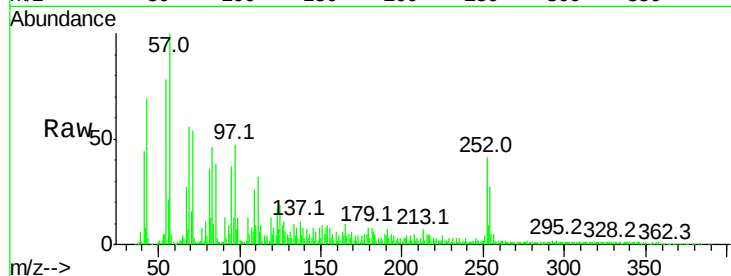




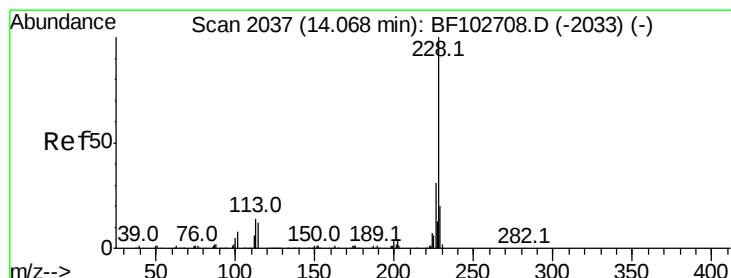
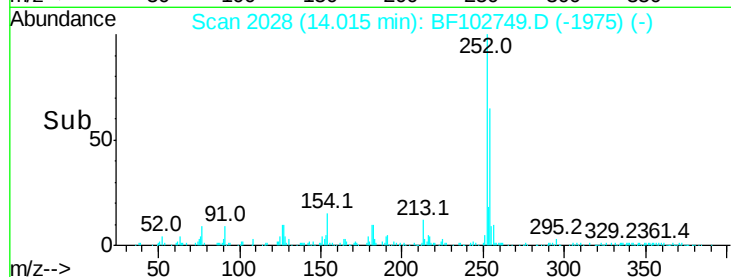
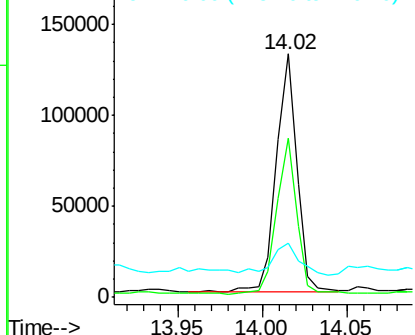
#81
 3,3'-Dichlorobenzidine
 Concen: 20.452 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 111651
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.4 75.6
 126 22.3 11.3 16.9#

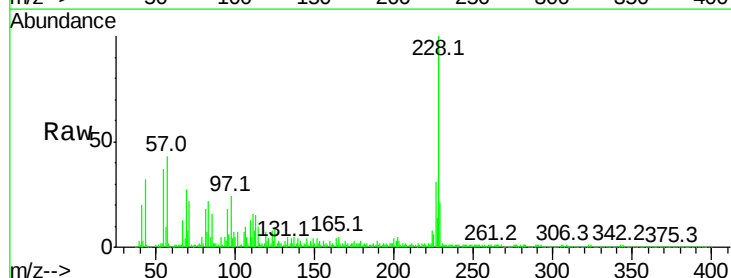


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

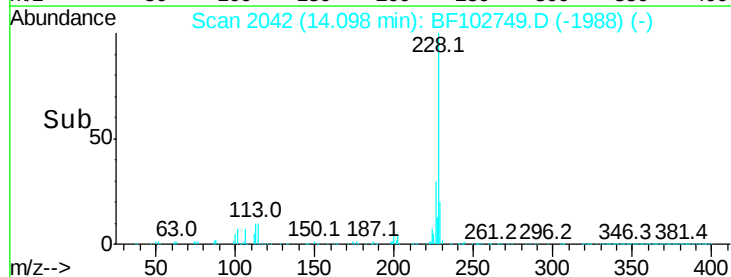
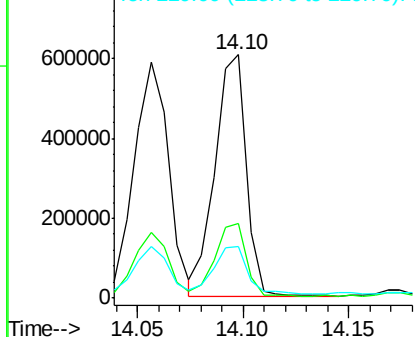


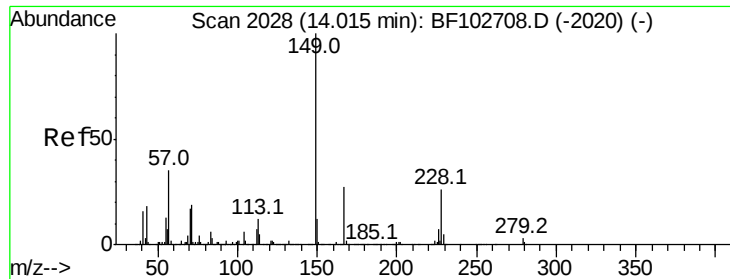
#82
 Chrysene
 Concen: 42.022 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.02 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

Tgt Ion:228 Resp: 623697
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 21.2 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: 45.657 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.02 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

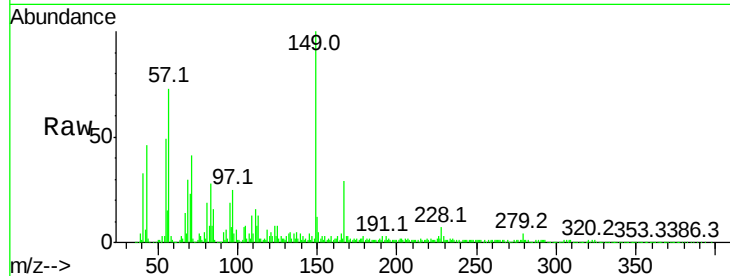
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 513463

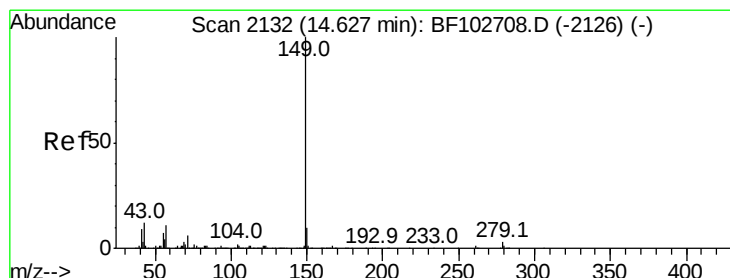
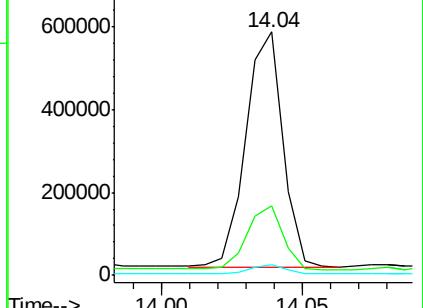
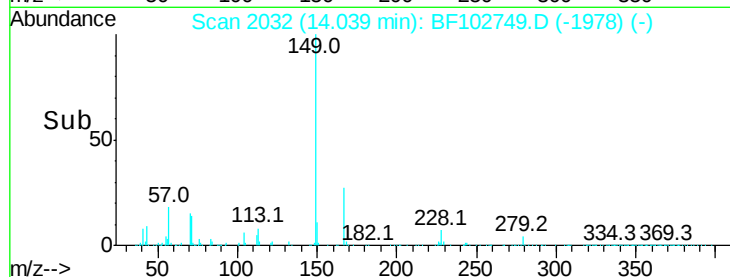
Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.3	31.9
279	4.2	3.0	4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.764 ng

RT: 14.65 min Scan# 2136

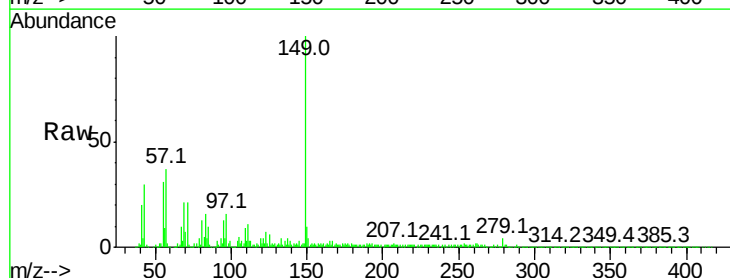
Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Tgt Ion:149 Resp: 806561

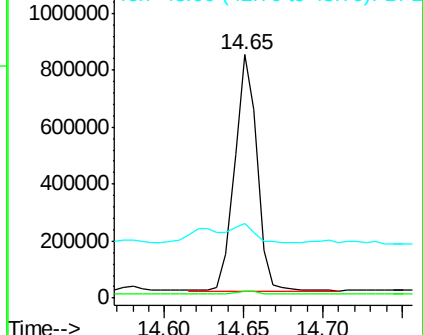
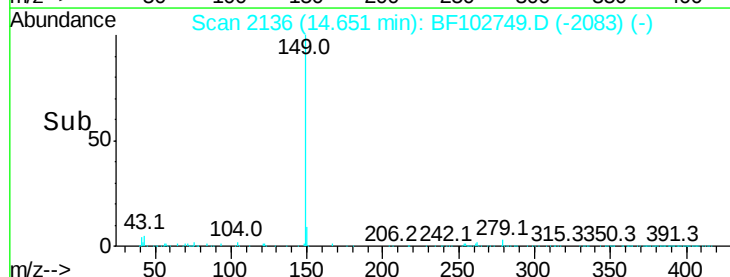
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	8.1	8.4	12.6#

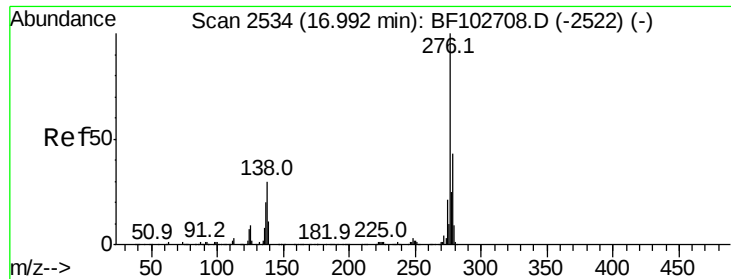


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

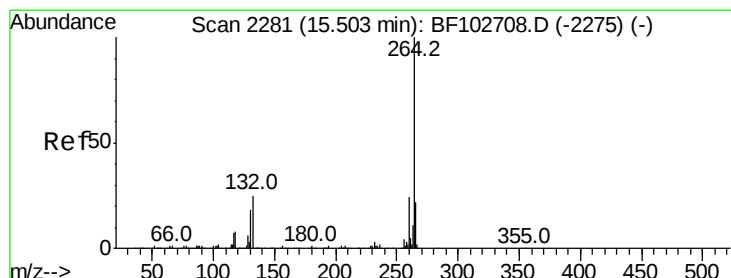
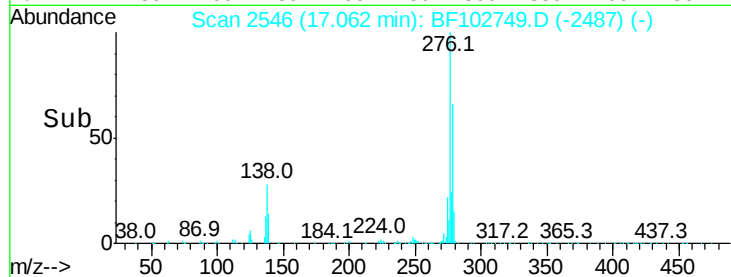
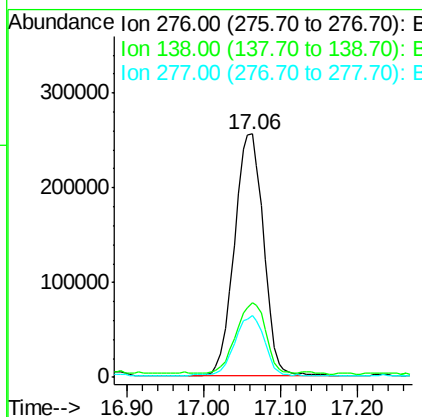
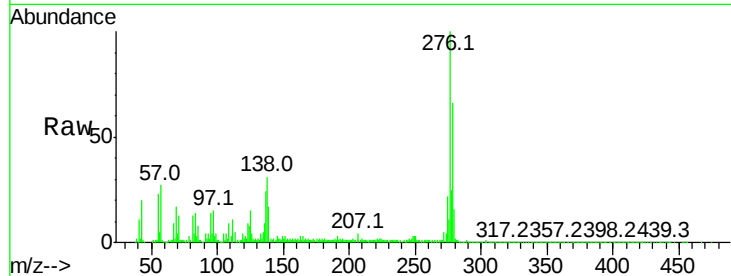




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.014 ng
 RT: 17.06 min Scan# 2546
 Delta R.T. 0.05 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

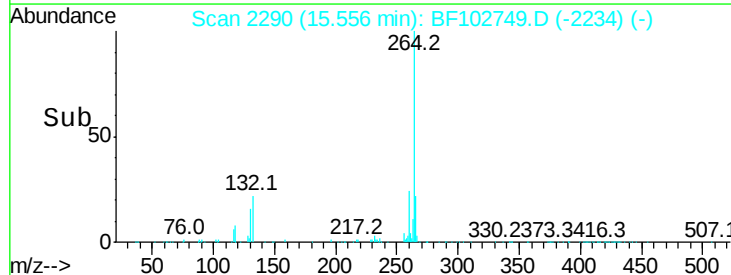
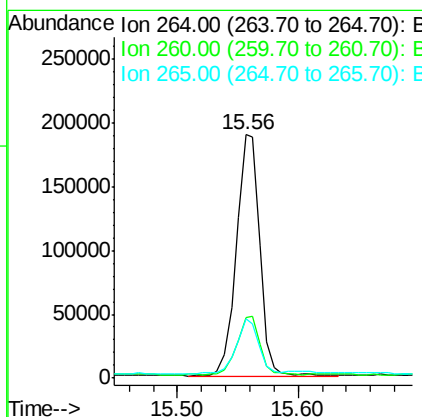
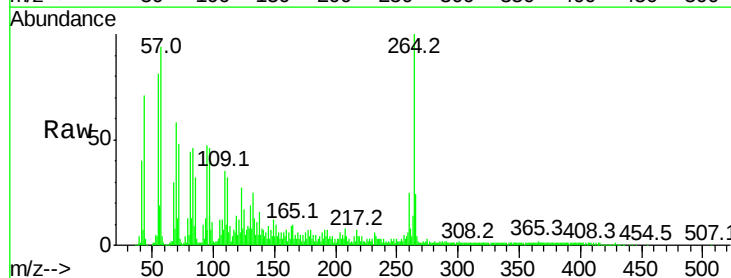
Instrument :
 BNA_F
 ClientSampleId :

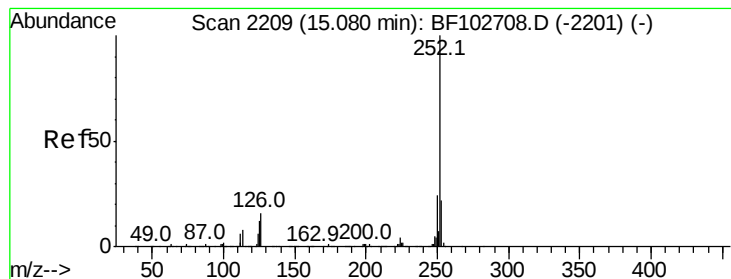
Tot Ion:276 Resp: 677219
 Ion Ratio Lower Upper
 276 100
 138 29.4 25.0 37.6
 277 25.7 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.03 min
 Lab File: BF102749.D
 Acq: 5 Feb 2018 20:21

Tgt Ion:264 Resp: 253541
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 24.2 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 40.501 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.03 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA_F

ClientSampleId :

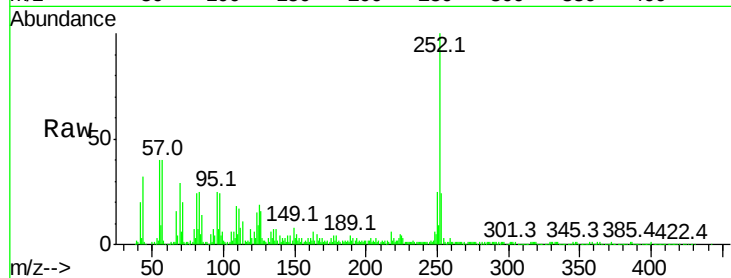
Tot Ion:252 Resp: 665763

Ion Ratio Lower Upper

252 100

253 23.8 17.0 25.6

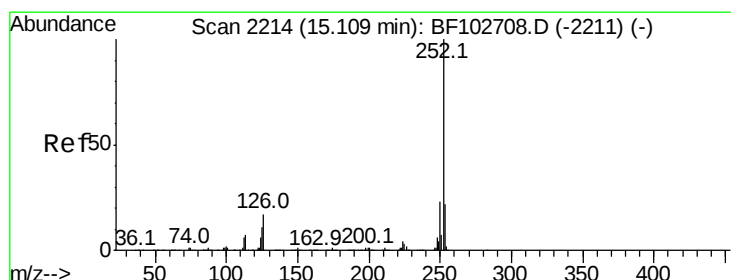
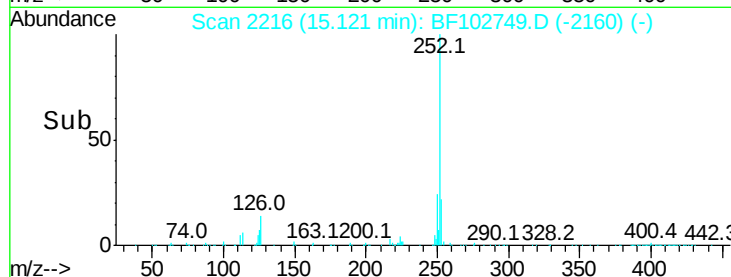
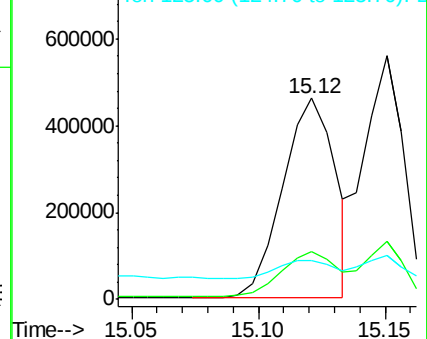
125 19.4 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.543 ng

RT: 15.15 min Scan# 2221

Delta R.T. 0.03 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

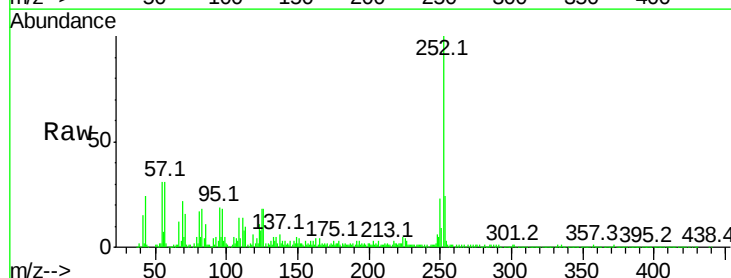
Tgt Ion:252 Resp: 605365

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

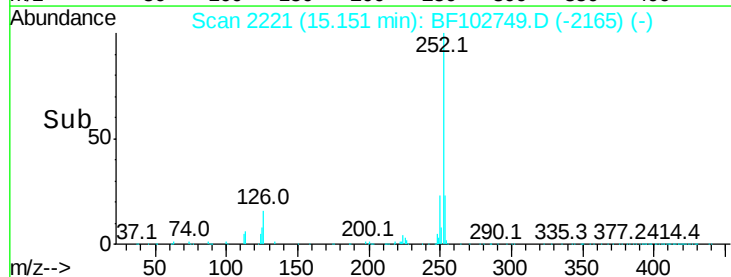
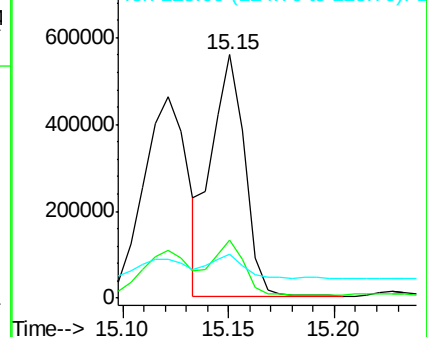
125 18.0 10.2 15.2#

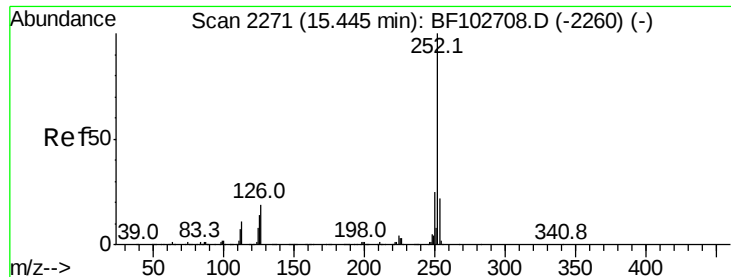


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

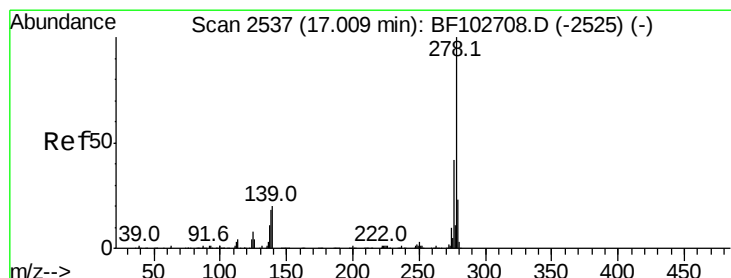
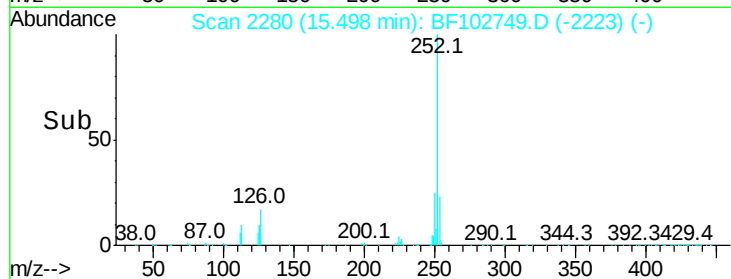
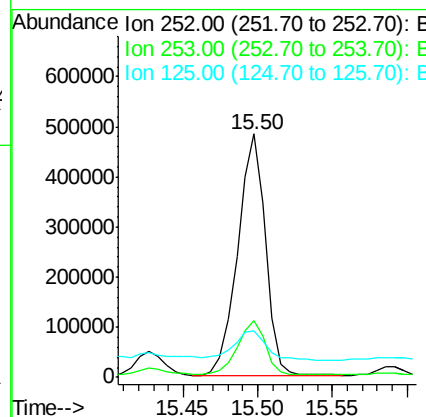
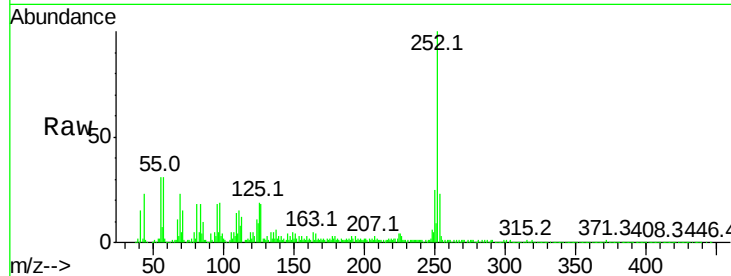




#89
Benzo(a)pyrene
Concen: 42.231 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.04 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

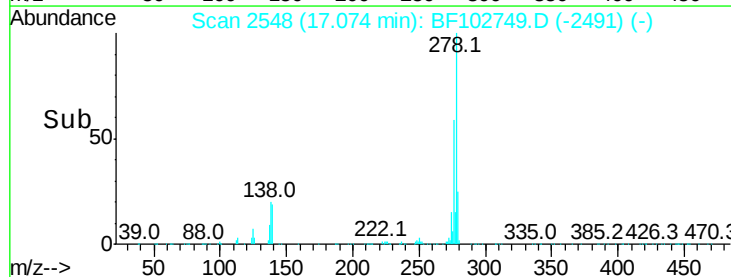
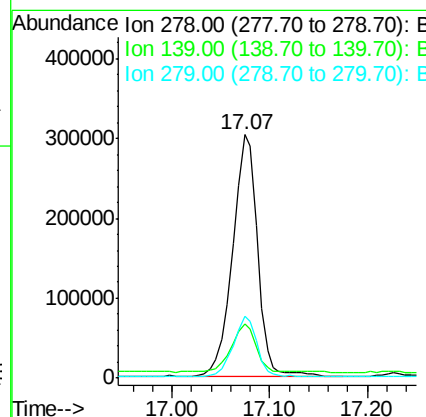
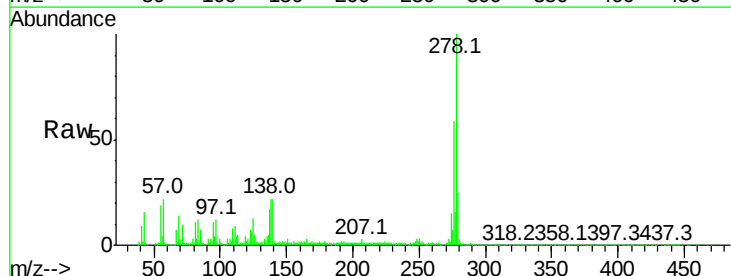
Instrument :
BNA_F
ClientSampleId :

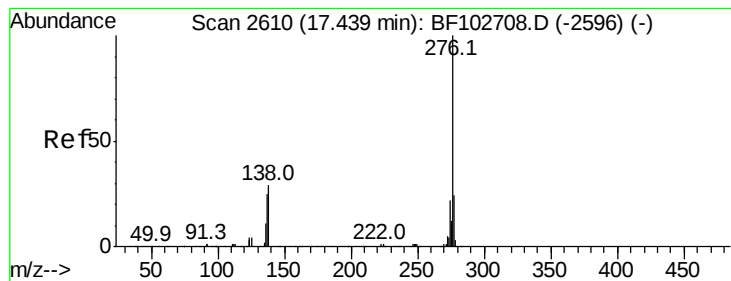
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	19.2	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 44.647 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.04 min
Lab File: BF102749.D
Acq: 5 Feb 2018 20:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.1	15.9	23.9
279	25.3	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 48.624 ng

RT: 17.51 min Scan# 2622

Delta R.T. 0.04 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA_F

ClientSampleId :

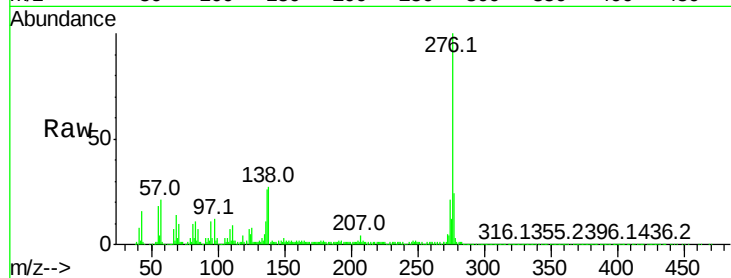
Tot Ion:276 Resp: 571572

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 27.5 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

