

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104188.D
 Acq On : 3 Apr 2018 19:19
 Operator : JU/SJ
 Sample : J2182-12MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 01:12:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	103355	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	418956	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	191534	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	326788	20.00	ng	0.00
75) Chrysene-d12	14.16	240	213012	20.00	ng	0.00
86) Perylene-d12	15.69	264	225431	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	734871	113.39	ng	0.01
7) Phenol-d6	6.60	99	906714	113.72	ng	0.00
23) Nitrobenzene-d5	7.53	82	521805	76.17	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	237001	111.13	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	948683	78.11	ng	0.00
78) Terphenyl-d14	13.08	244	842728	91.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	96985	34.697	ng	# 87
3) Pyridine	3.65	79	215494	30.453	ng	# 86
4) n-Nitrosodimethylamine	3.62	42	62544	29.736	ng	# 76
6) Aniline	6.63	93	97731	10.239	ng	# 46
8) 2-Chlorophenol	6.75	128	301961	42.474	ng	94
9) Benzaldehyde	6.52	77	69163	13.535	ng	93
10) Phenol	6.62	94	350777	39.705	ng	97
11) bis(2-Chloroethyl)ether	6.70	93	231483	30.406	ng	92
12) 1,3-Dichlorobenzene	6.90	146	298221	37.317	ng	99
13) 1,4-Dichlorobenzene	6.97	146	336953	39.351	ng	99
14) 1,2-Dichlorobenzene	7.13	146	300355	39.025	ng	100
15) Benzyl Alcohol	7.10	79	210623	40.627	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	315414	38.029	ng	# 44
17) 2-Methylphenol	7.22	107	228665	39.519	ng	# 88
18) Hexachloroethane	7.46	117	111806	38.998	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	191421	40.453	ng	89
20) 3+4-Methylphenols	7.37	107	306356	41.485	ng	# 53
22) Acetophenone	7.37	105	411431	40.589	ng	# 97
24) Nitrobenzene	7.55	77	270575	37.538	ng	96
25) Isophorone	7.77	82	527834	41.808	ng	99
26) 2-Nitrophenol	7.86	139	159446	42.377	ng	89
27) 2,4-Dimethylphenol	7.89	122	259011	47.732	ng	97
28) bis(2-Chloroethoxy)methane	7.98	93	337324	42.630	ng	99
29) 2,4-Dichlorophenol	8.10	162	243614	42.982	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	257336	40.016	ng	98
31) Naphthalene	8.26	128	881632	43.075	ng	99
32) Benzoic acid	8.00	122	47089	11.846	ng	# 87
33) 4-Chloroaniline	8.34	127	54424	6.307	ng	93
34) Hexachlorobutadiene	8.37	225	137948	39.420	ng	98
35) Caprolactam	8.69	113	52715	29.332	ng	# 72
36) 4-Chloro-3-methylphenol	8.80	107	256495	42.785	ng	97
37) 2-Methylnaphthalene	8.96	142	557638	41.362	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	245344	41.772	ng	99
40) Hexachlorocyclopentadiene	9.10	237	114619	44.054	ng	99

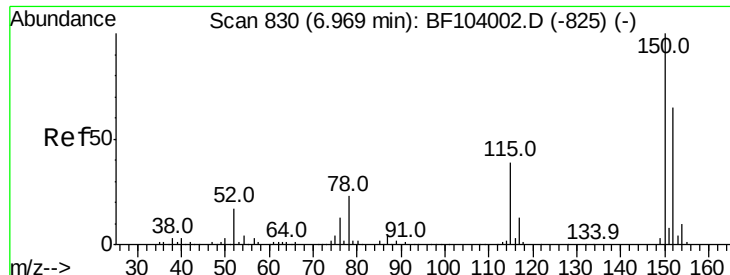
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	154128	41.442	ng	98
43) 2,4,5-Trichlorophenol	9.29	196	181293	40.372	ng	94
45) 1,1'-Biphenyl	9.42	154	674011	41.001	ng	99
46) 2-Chloronaphthalene	9.45	162	530239	40.891	ng	100
47) 2-Nitroaniline	9.55	65	145758	39.420	ng	93
48) Acenaphthylene	9.86	152	764649	38.924	ng	99
49) Dimethylphthalate	9.72	163	697564	46.128	ng	100
50) 2,6-Dinitrotoluene	9.79	165	132302	40.666	ng	95
51) Acenaphthene	10.03	154	446575	39.296	ng	99
52) 3-Nitroaniline	9.97	138	52895	14.143	ng	96
53) 2,4-Dinitrophenol	10.09	184	30842	25.775	ng	# 39
54) Dibenzofuran	10.21	168	684390	41.240	ng	99
55) 4-Nitrophenol	10.14	139	143677	64.071	ng	97
56) 2,4-Dinitrotoluene	10.20	165	162685	39.187	ng	# 95
57) Fluorene	10.56	166	551023	40.252	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	144939	43.080	ng	# 86
59) Diethylphthalate	10.41	149	571362	39.440	ng	99
60) 4-Chlorophenyl-phenylether	10.54	204	258982	41.191	ng	94
61) 4-Nitroaniline	10.59	138	106265	30.366	ng	95
62) Azobenzene	10.70	77	500140	38.180	ng	90
64) 4,6-Dinitro-2-methylphenol	10.61	198	50204	25.380	ng	86
65) n-Nitrosodiphenylamine	10.66	169	477343	43.131	ng	99
66) 4-Bromophenyl-phenylether	11.03	248	147760	42.264	ng	# 89
67) Hexachlorobenzene	11.10	284	163703	40.705	ng	# 88
68) Atrazine	11.19	200	144681	42.672	ng	98
69) Pentachlorophenol	11.30	266	139540	63.054	ng	96
70) Phenanthrene	11.52	178	874261	49.414	ng	99
71) Anthracene	11.57	178	824931	44.638	ng	99
72) Carbazole	11.73	167	725672	41.142	ng	100
73) Di-n-butylphthalate	12.04	149	835997	39.791	ng	99
74) Fluoranthene	12.72	202	926233	49.251	ng	98
76) Benzidine	12.85	184	186448	30.715	ng	96
77) Pyrene	12.95	202	869577	56.789	ng	99
79) Butylbenzylphthalate	13.55	149	304173	42.163	ng	96
80) Benzo(a)anthracene	14.14	228	621939	46.662	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	105522	23.918	ng	99
82) Chrysene	14.18	228	635883	48.709	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	404130	43.356	ng	98
84) Di-n-octyl phthalate	14.72	149	676775	42.209	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.30	276	710332	52.508	ng	95
87) Benzo(b)fluoranthene	15.23	252	595162	43.381	ng	97
88) Benzo(k)fluoranthene	15.27	252	587442	45.454	ng	98
89) Benzo(a)pyrene	15.63	252	584271	45.956	ng	98
90) Dibenzo(a,h)anthracene	17.30	278	549958	46.786	ng	98
91) Benzo(g,h,i)perylene	17.78	276	616351	52.350	ng	95

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

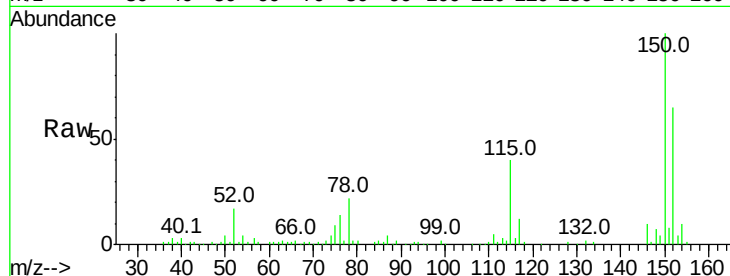


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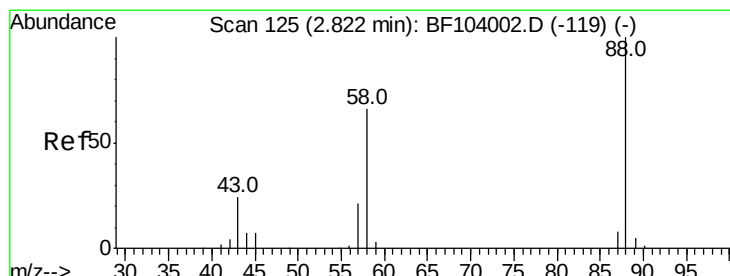
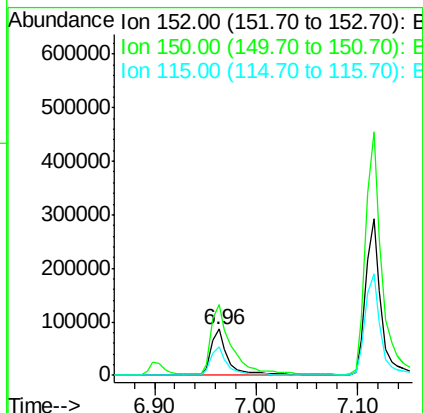
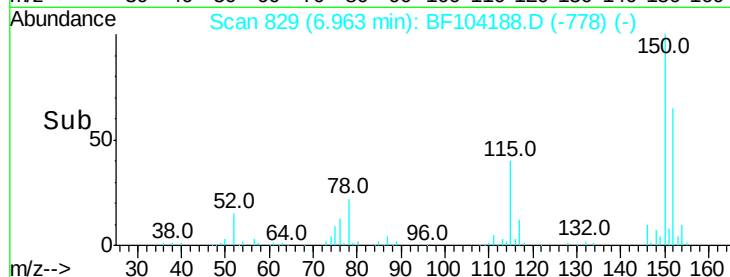
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 103355
Ion Ratio Lower Upper
152 100
150 153.2 124.6 186.8
115 61.4 50.1 75.1



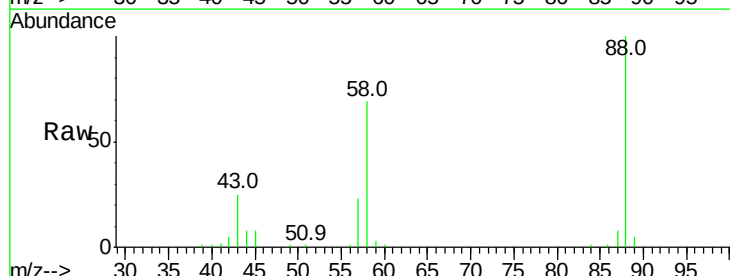
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



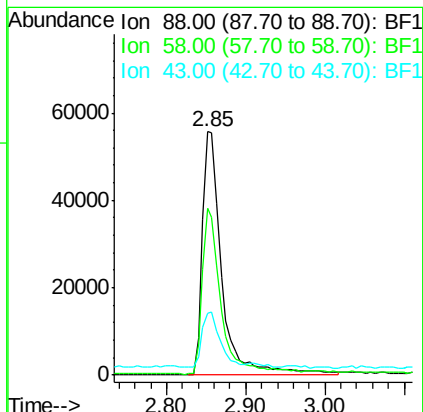
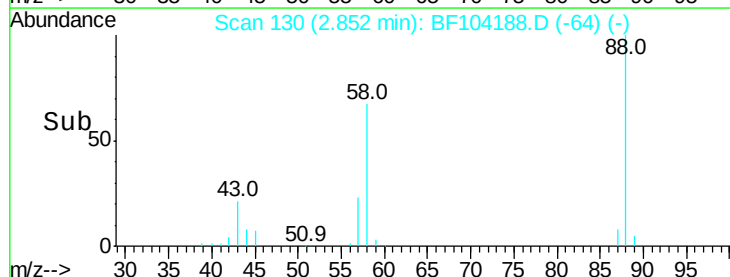
#2

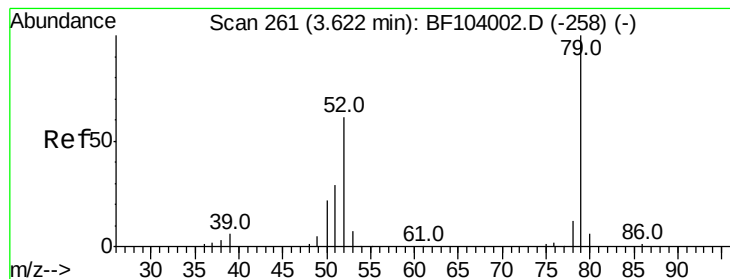
1,4-Dioxane
Concen: 34.697 ng
RT: 2.85 min Scan# 130
Delta R.T. 0.09 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

Tgt Ion: 88 Resp: 96985
Ion Ratio Lower Upper
88 100
58 68.1 62.6 93.8
43 20.9 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: 30.453 ng

RT: 3.65 min Scan# 265

Delta R.T. 0.07 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA_F

ClientSampleId :

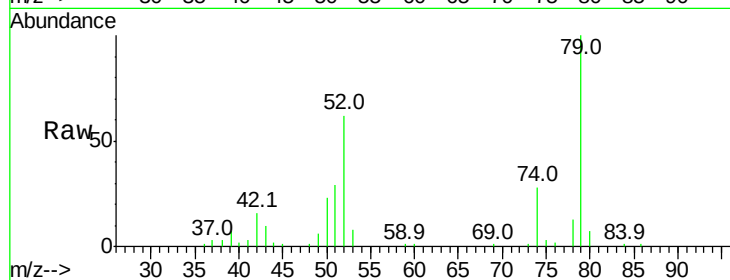
Tot Ion: 79 Resp: 215494

Ion Ratio Lower Upper

79 100

52 62.1 59.8 89.6

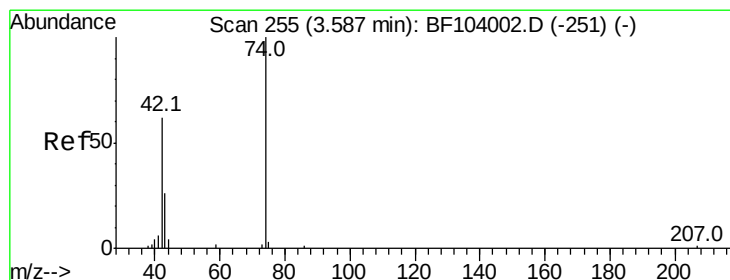
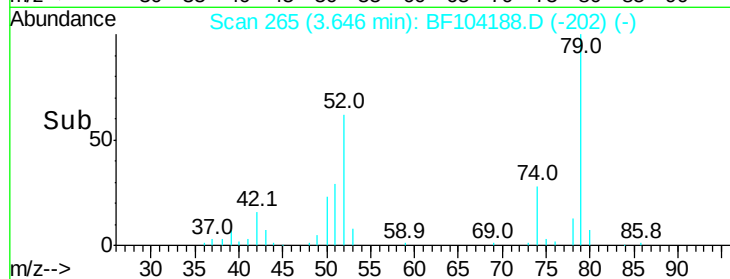
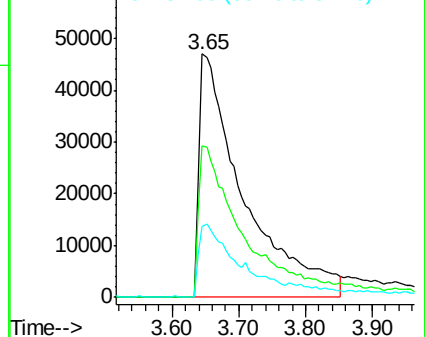
51 29.1 29.8 44.8#



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: 29.736 ng

RT: 3.62 min Scan# 260

Delta R.T. 0.06 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

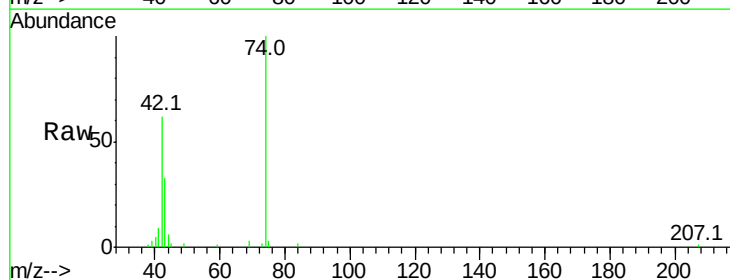
Tgt Ion: 42 Resp: 62544

Ion Ratio Lower Upper

42 100

74 160.6 104.9 157.3#

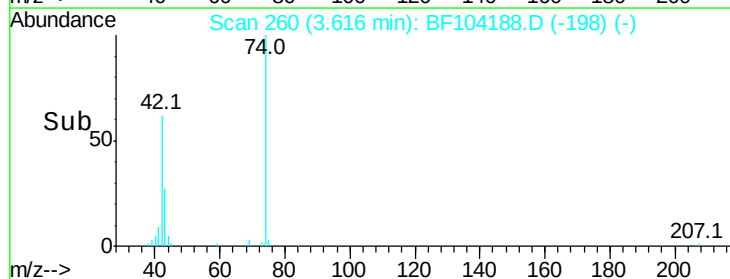
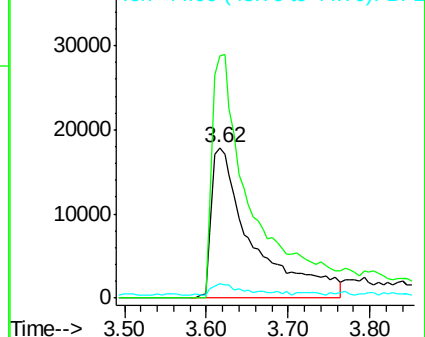
44 9.3 6.9 10.3

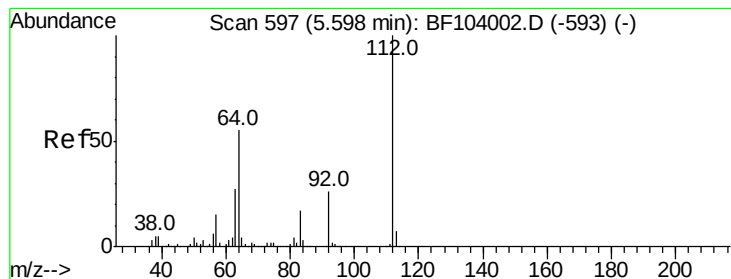


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

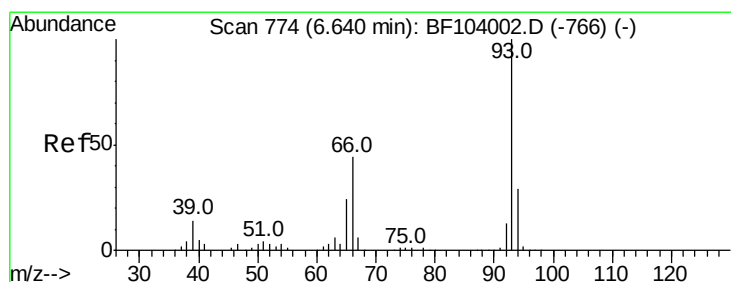
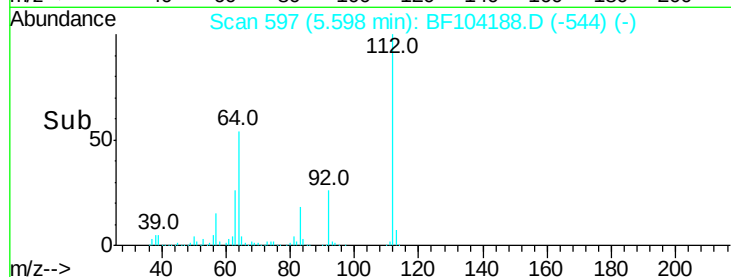
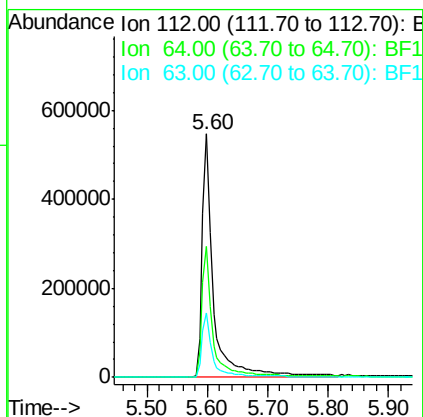
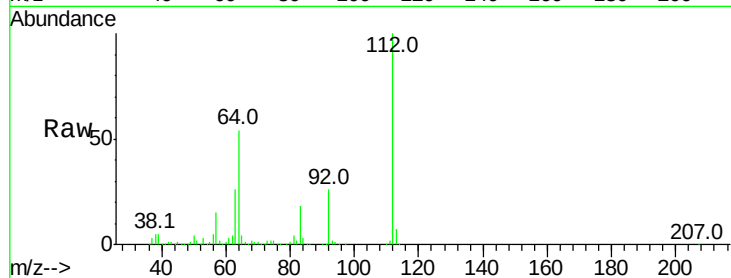




#5
2-Fluorophenol
Concen: 113.389 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

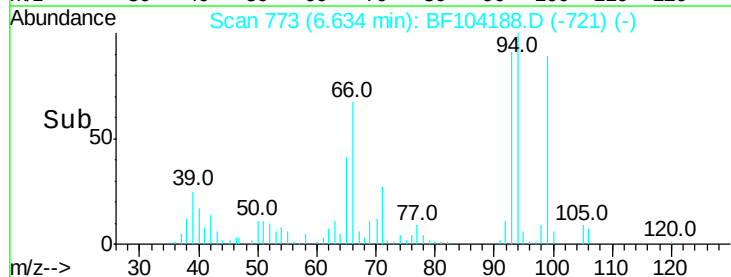
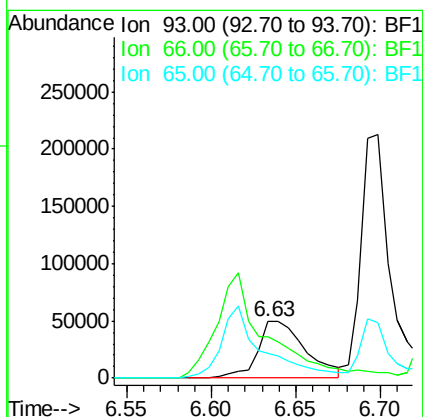
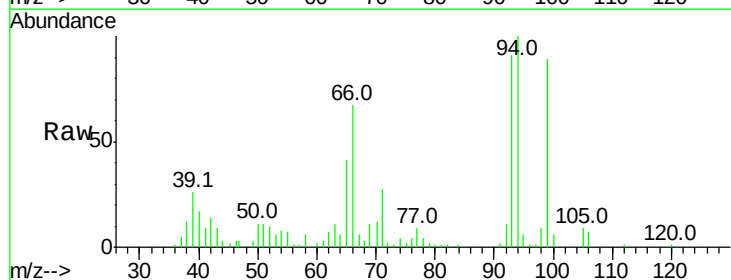
Instrument :
BNA_F
ClientSampleId :

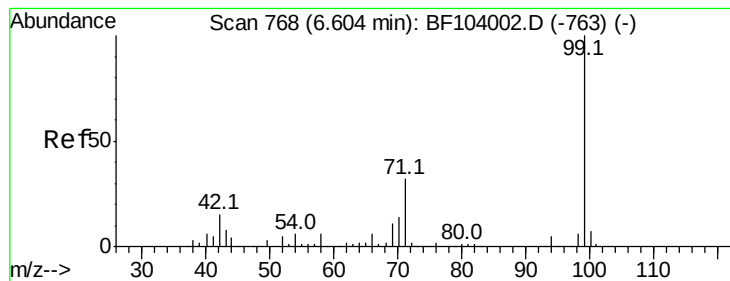
Tot Ion:112 Resp: 734871
Ion Ratio Lower Upper
112 100
64 53.6 47.9 71.9
63 26.3 23.7 35.5



#6
Aniline
Concen: 10.239 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

Tgt Ion: 93 Resp: 97731
Ion Ratio Lower Upper
93 100
66 73.9 32.2 48.2#
65 44.7 16.4 24.6#





#7

Phenol-d6

Concen: 113.715 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA_F

ClientSampleId :

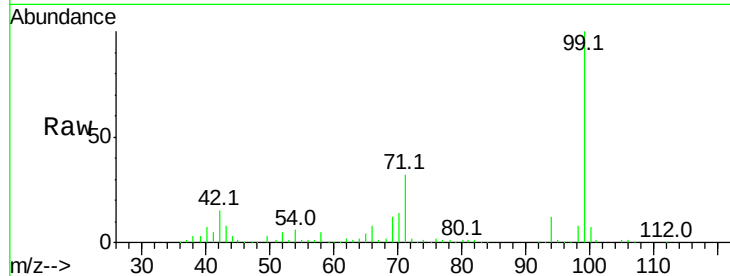
Tot Ion: 99 Resp: 906714

Ion Ratio Lower Upper

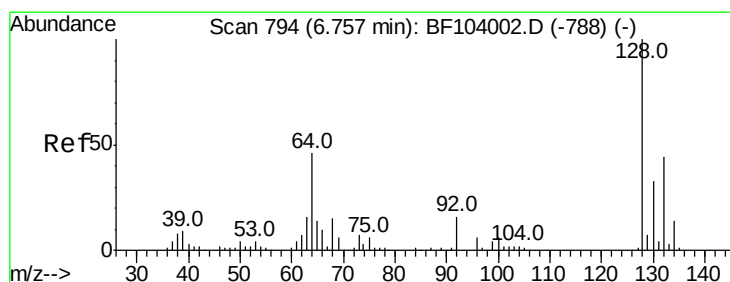
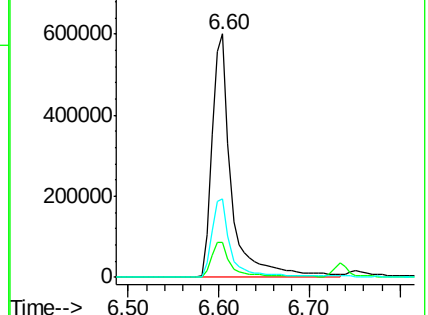
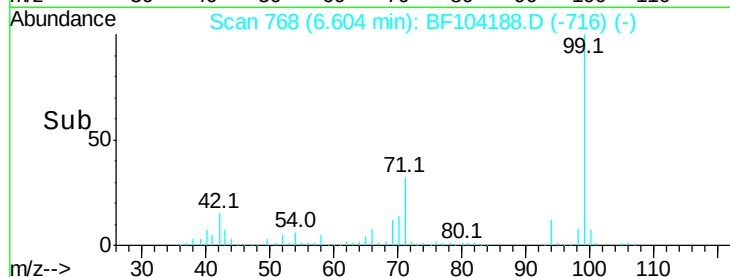
99 100

42 14.6 14.5 21.7

71 32.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.474 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

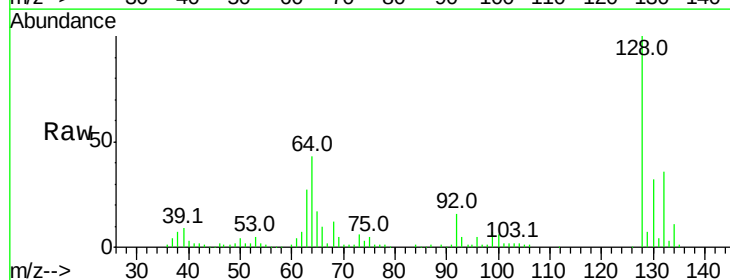
Tgt Ion:128 Resp: 301961

Ion Ratio Lower Upper

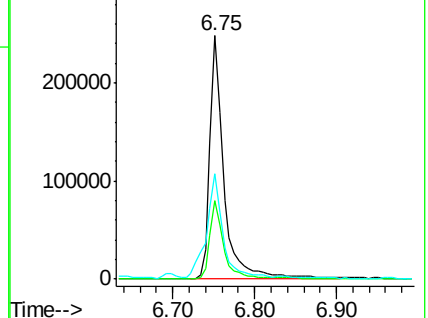
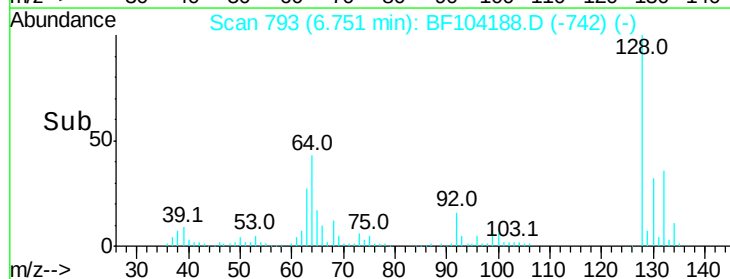
128 100

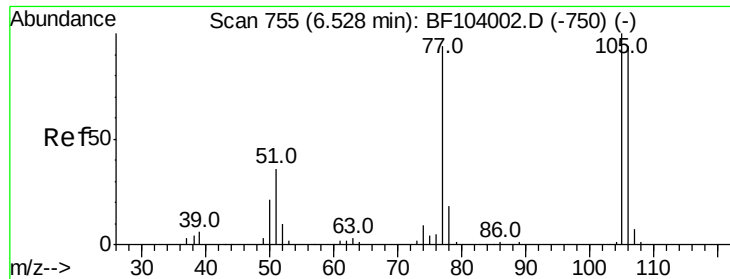
130 32.2 13.0 53.0

64 43.2 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 13.535 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA_F

ClientSampleId :

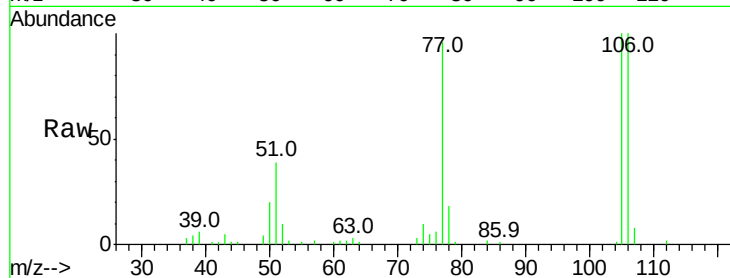
Tot Ion: 77 Resp: 69163

Ion Ratio Lower Upper

77 100

105 104.4 81.1 121.1

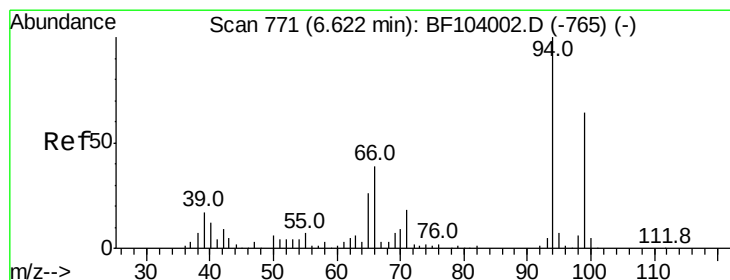
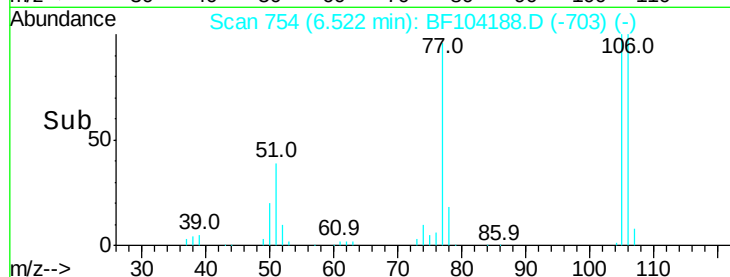
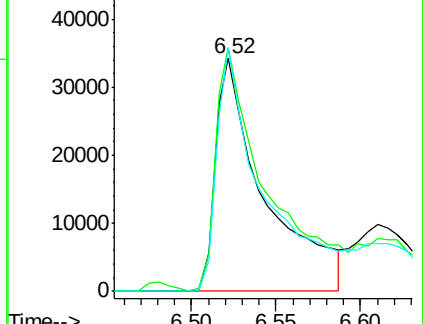
106 104.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.705 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

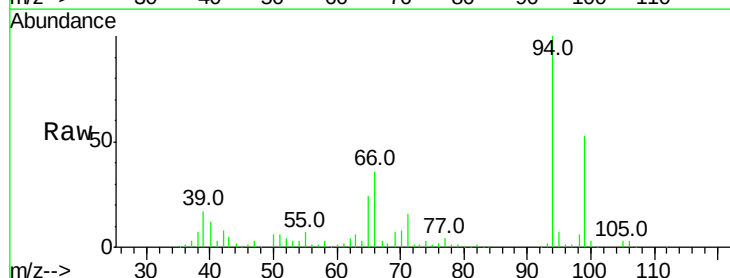
Tgt Ion: 94 Resp: 350777

Ion Ratio Lower Upper

94 100

65 24.5 7.9 47.9

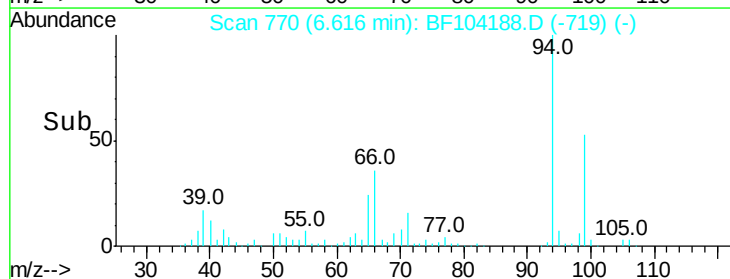
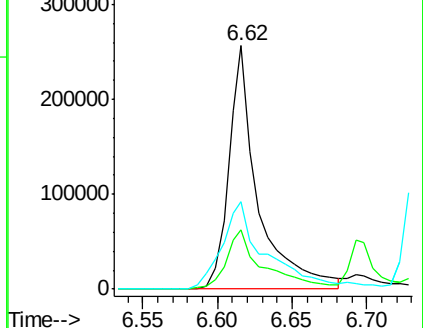
66 36.1 16.2 56.2

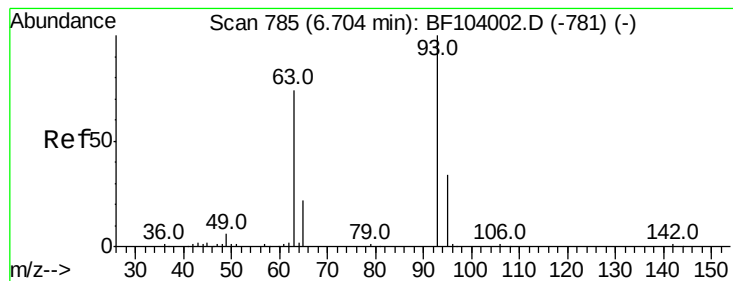


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 30.406 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA_F

ClientSampleId :

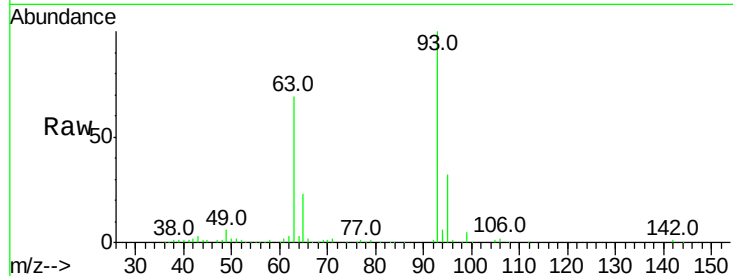
Tot Ion: 93 Resp: 231483

Ion Ratio Lower Upper

93 100

63 68.9 58.6 98.6

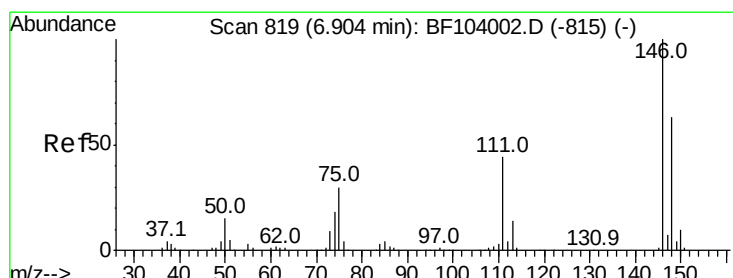
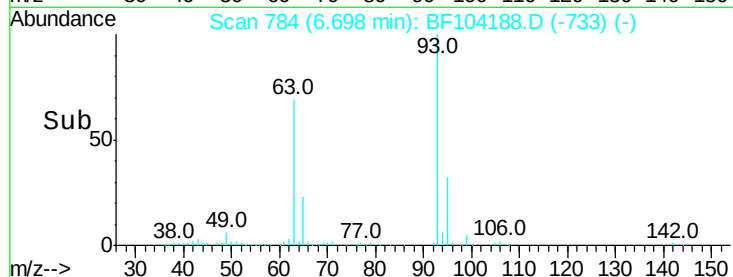
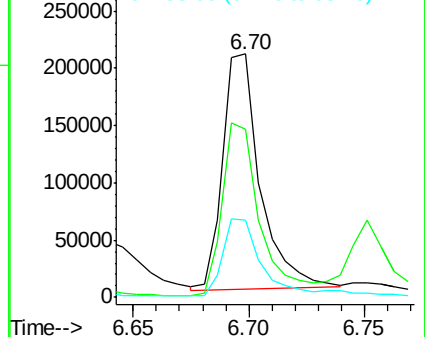
95 31.7 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.317 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

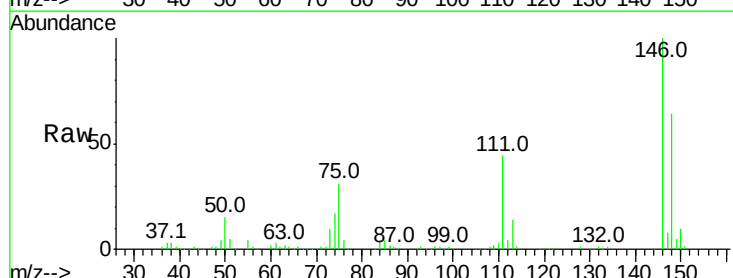
Tgt Ion: 146 Resp: 298221

Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

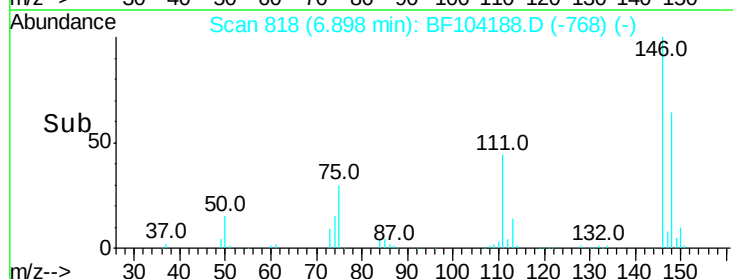
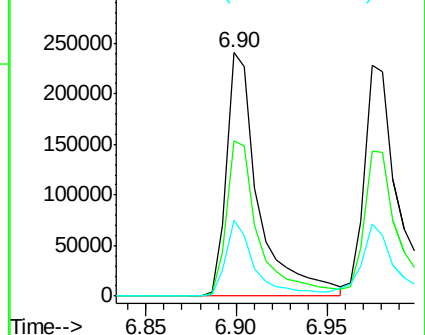
75 30.9 24.2 36.4

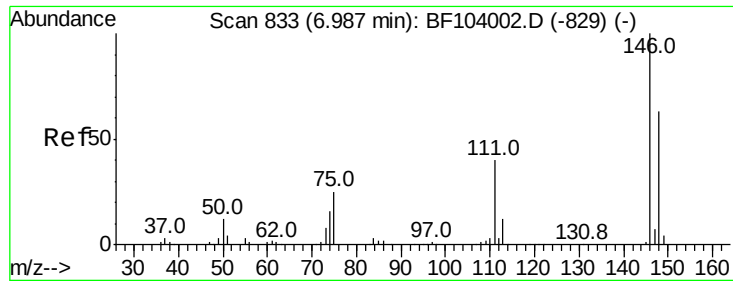


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.351 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA_F

ClientSampleId :

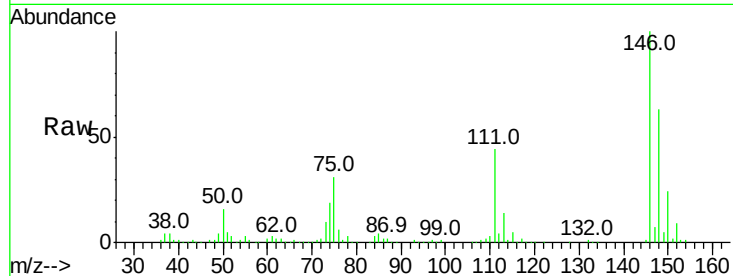
Tot Ion:146 Resp: 336953

Ion Ratio Lower Upper

146 100

148 62.9 50.8 76.2

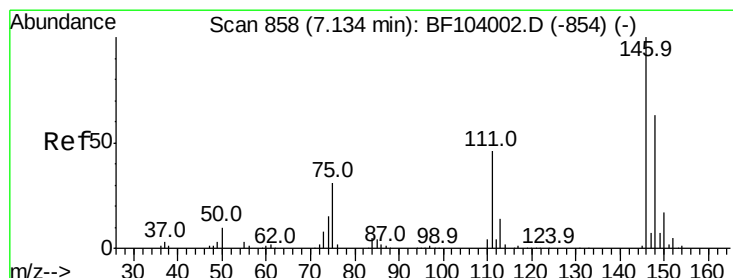
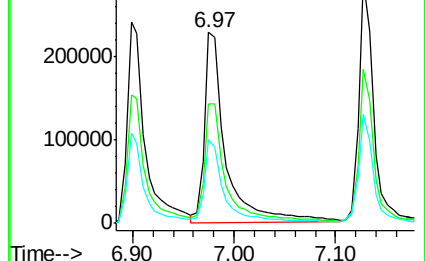
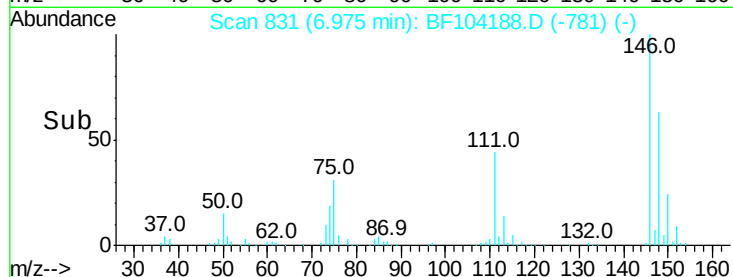
111 44.0 34.2 51.2



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: 39.025 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

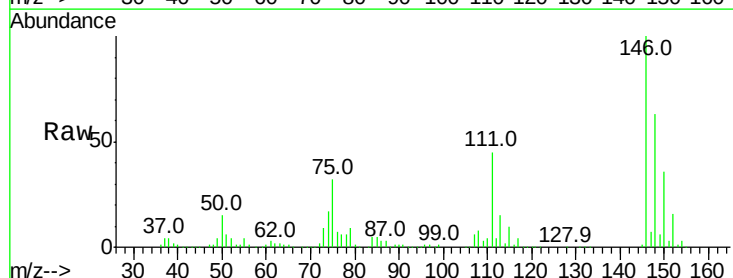
Tgt Ion:146 Resp: 300355

Ion Ratio Lower Upper

146 100

148 63.4 50.6 75.8

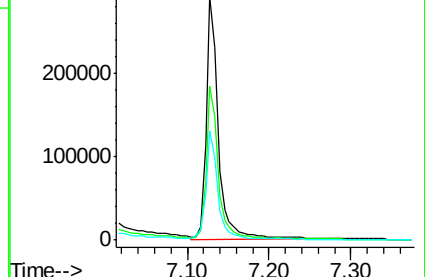
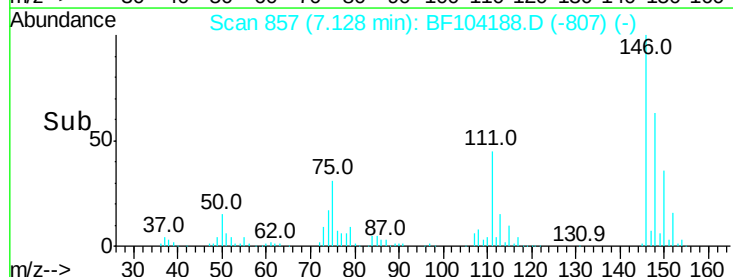
111 44.7 36.0 54.0

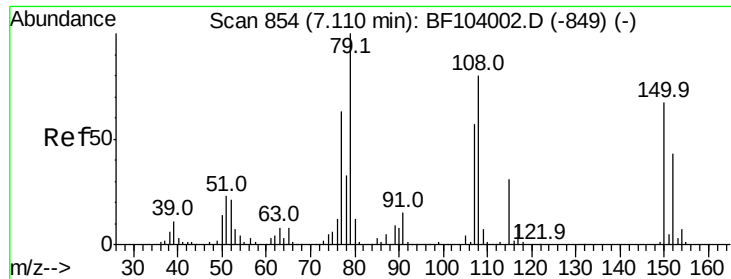


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

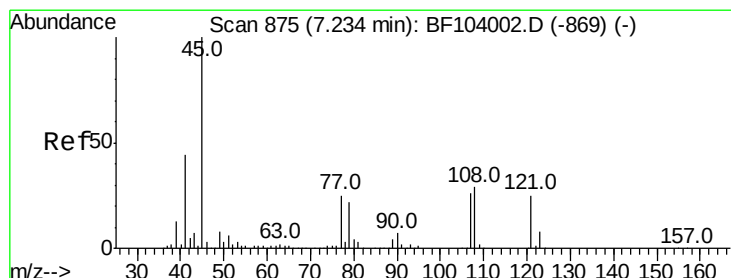
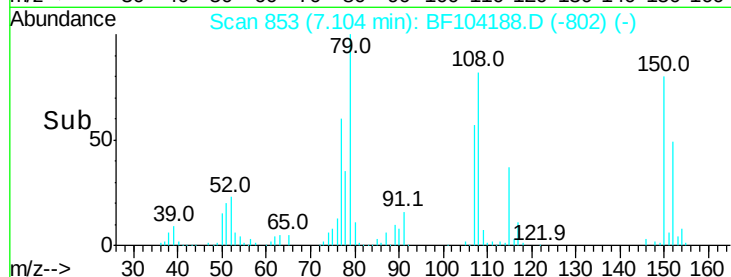
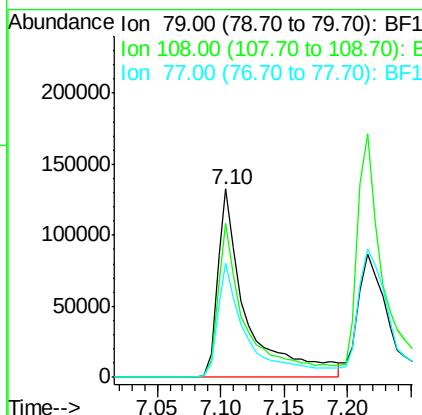
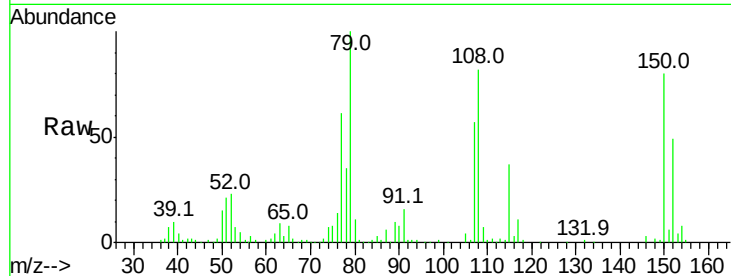




#15
Benzyl Alcohol
Concen: 40.627 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

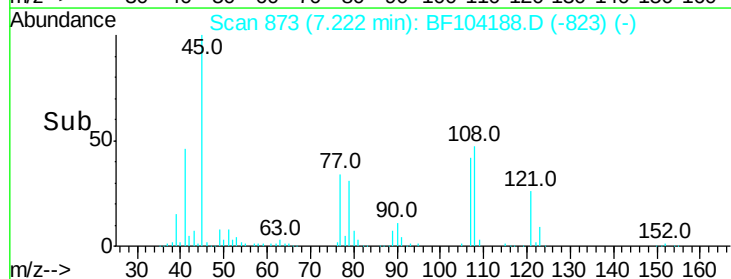
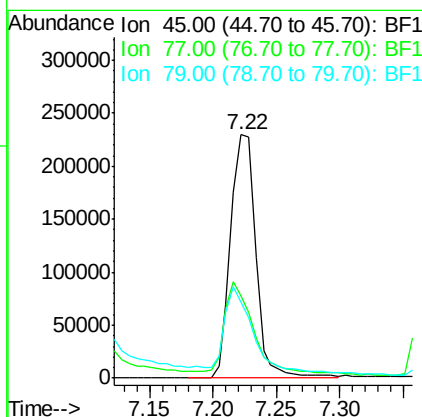
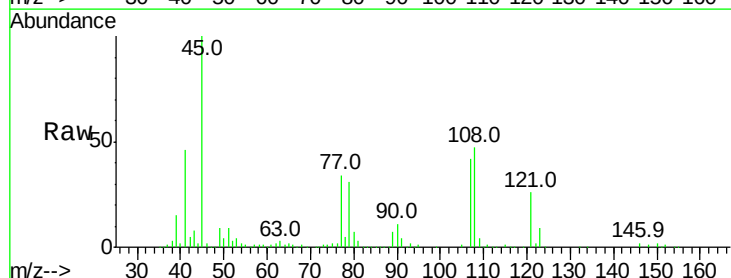
Instrument :
BNA_F
ClientSampleId :

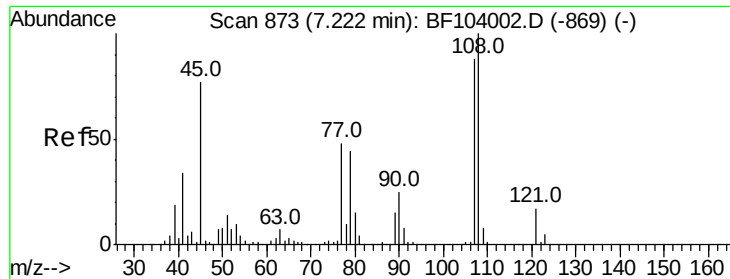
Tot Ion: 79 Resp: 210623
Ion Ratio Lower Upper
79 100
108 82.1 65.1 97.7
77 61.0 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.029 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

Tgt Ion: 45 Resp: 315414
Ion Ratio Lower Upper
45 100
77 34.1 0.0 32.9#
79 31.1 0.0 29.6#

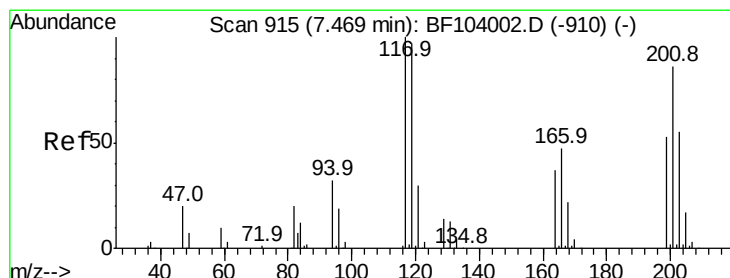
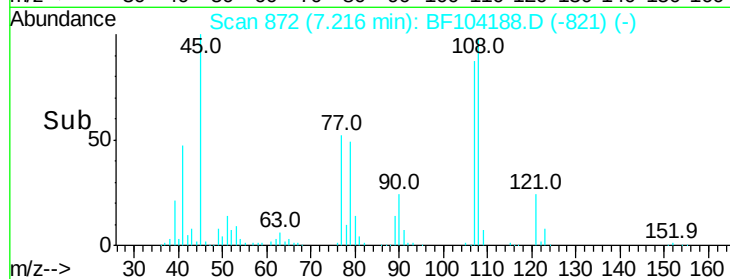
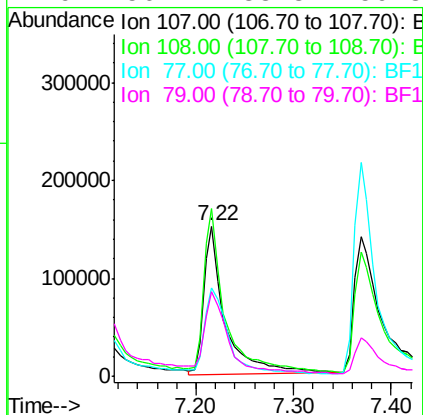
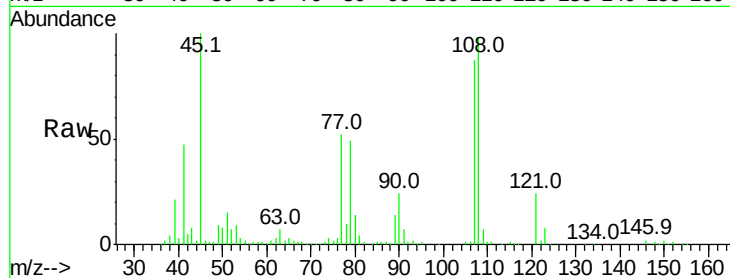




#17
 2-Methylphenol
 Concen: 39.519 ng
 RT: 7.22 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

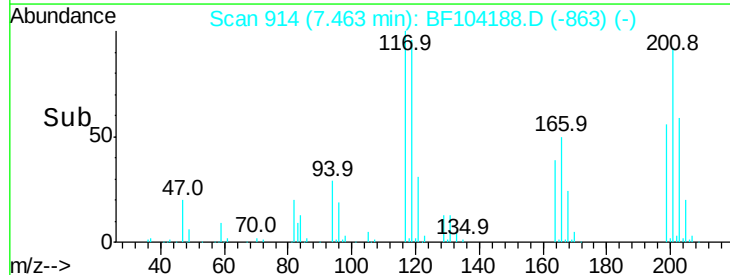
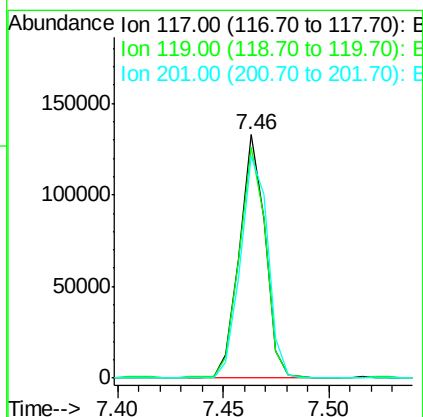
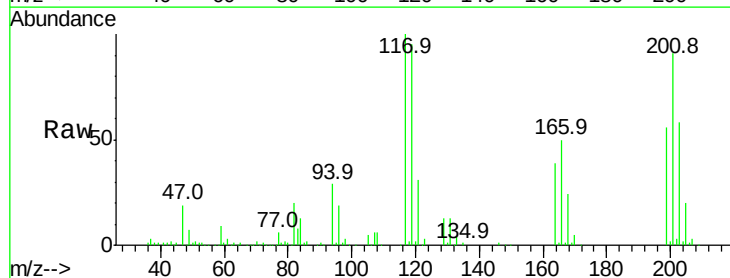
Instrument :
 BNA_F
 ClientSampled :

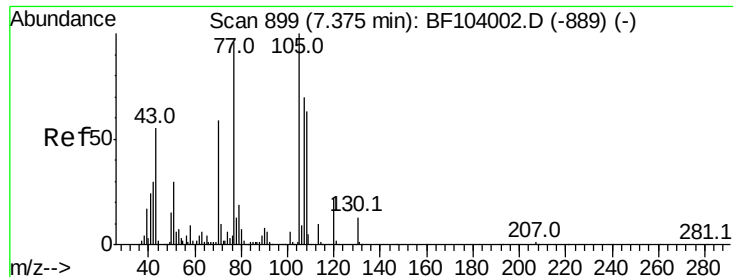
Tot Ion:	107	Resp:	228665
Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.7	137.5
77	59.3	33.8	50.8#
79	56.4	33.8	50.8#



#18
 Hexachloroethane
 Concen: 38.998 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

Tgt Ion:	117	Resp:	111806
Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.8	113.8
201	91.2	75.7	113.5

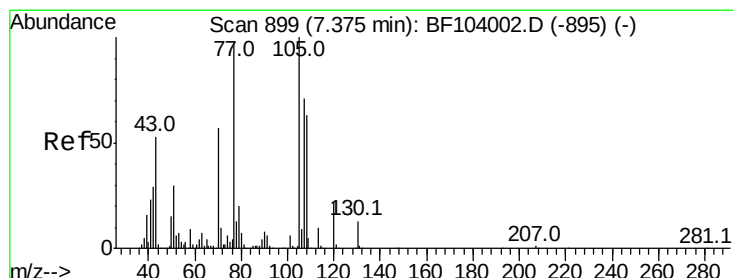
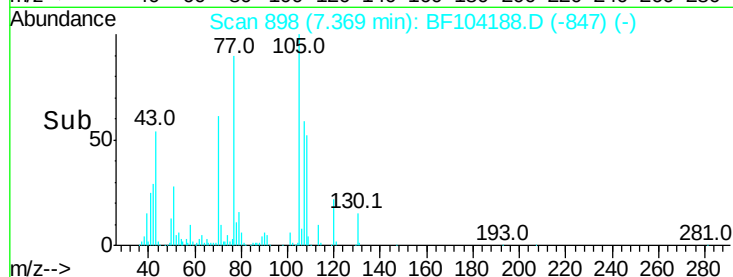
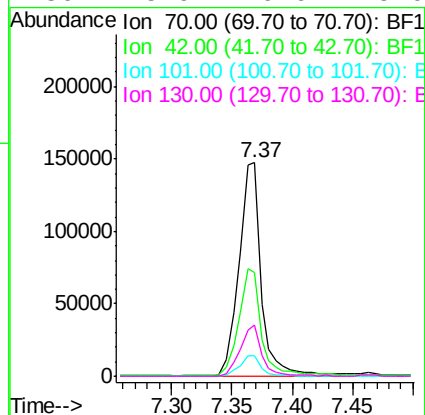
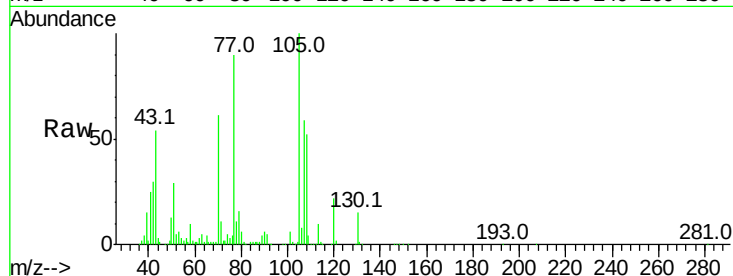




#19
n-Nitroso-di-n-propylamine
Concen: 40.453 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

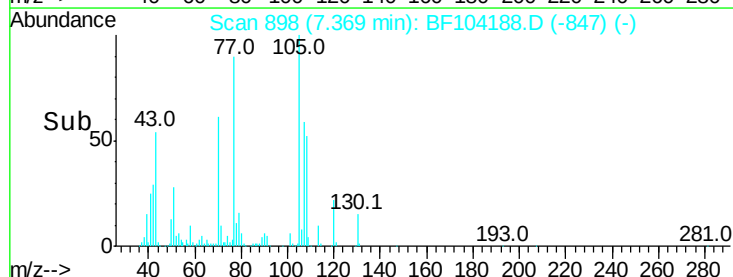
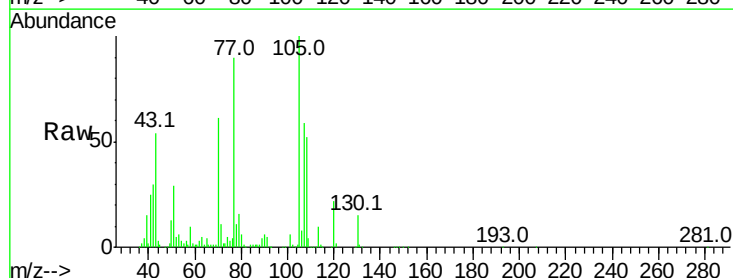
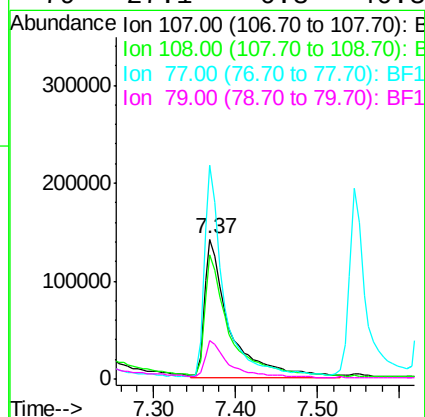
Instrument :
BNA_F
ClientSampleId :

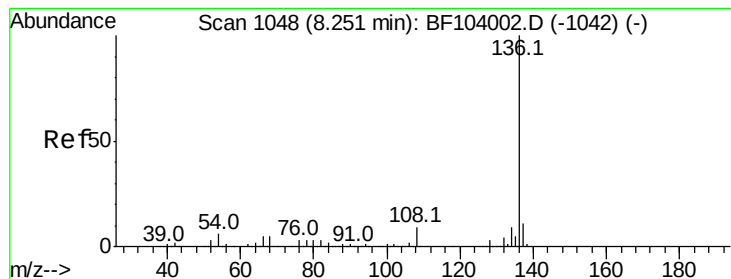
Tot Ion:	70	Resp:	191421
Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.5	71.3
101	9.9	7.4	11.2
130	23.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 41.485 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

Tgt Ion:	107	Resp:	306356
Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.2	108.2
77	152.7	26.7	66.7#
79	27.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

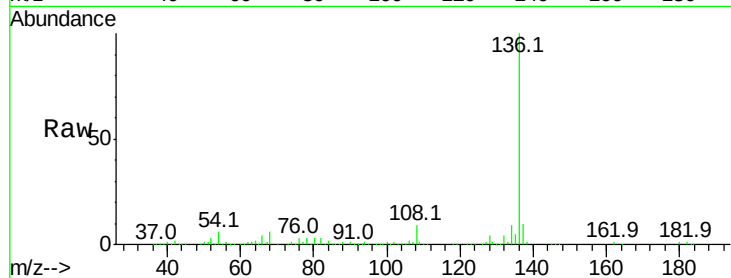
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 418956

Ion Ratio Lower Upper

136	100		
137	10.5	8.9	13.3
54	5.9	6.6	9.8#
68	5.5	5.0	7.4

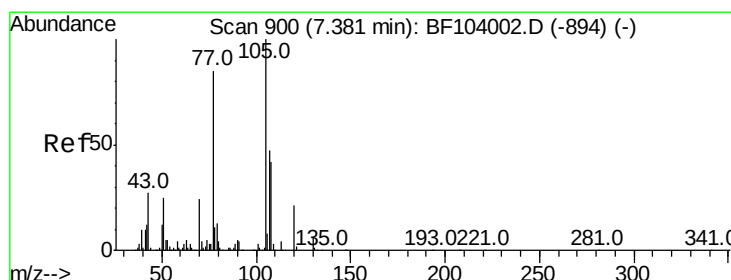
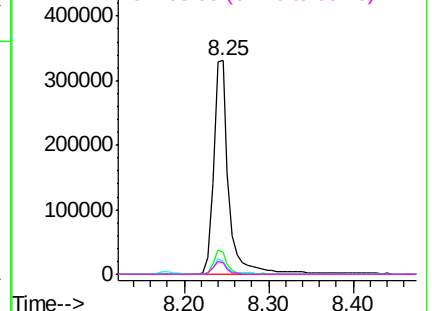
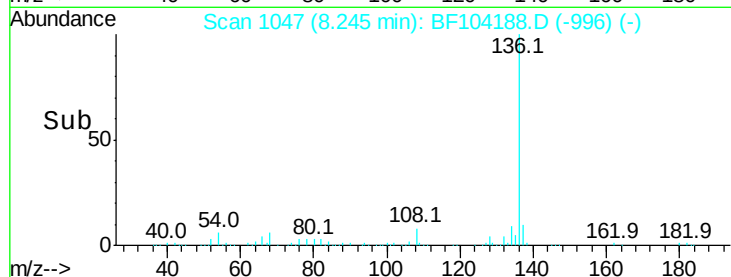


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.589 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

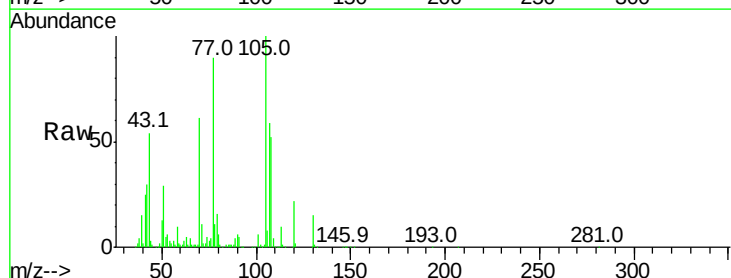
Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Tgt Ion:105 Resp: 411431

Ion Ratio Lower Upper

105	100		
71	10.6	4.4	6.6#
51	28.6	22.3	33.5
120	21.9	16.9	25.3

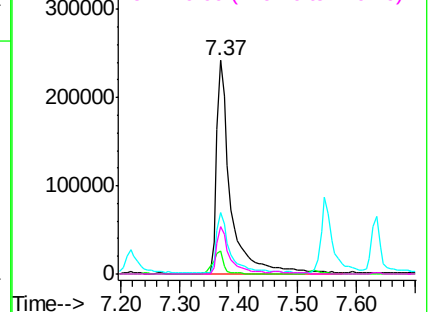
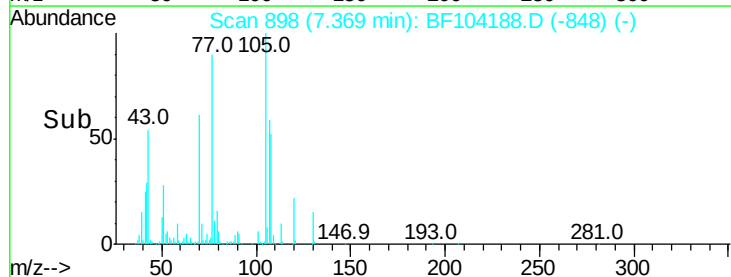


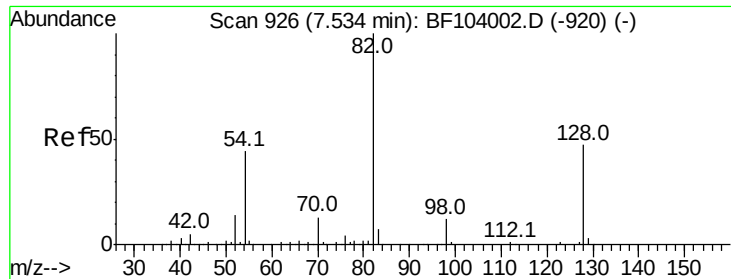
Abundance Ion 105.00 (104.70 to 105.70): E

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

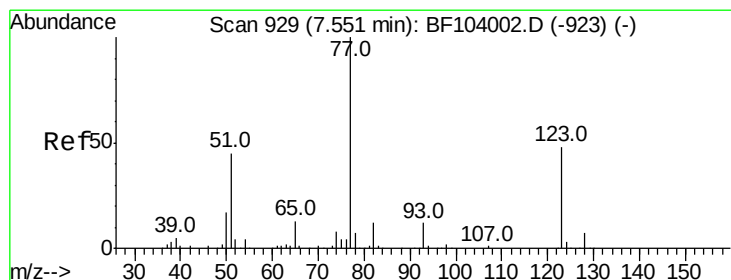
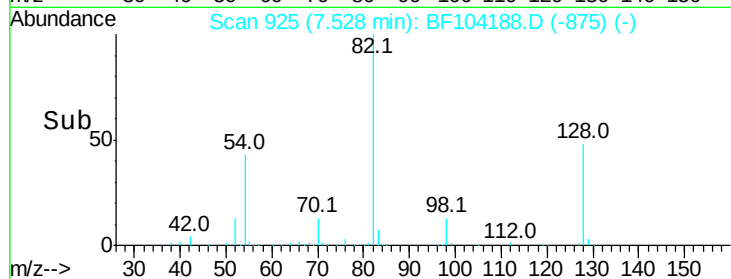
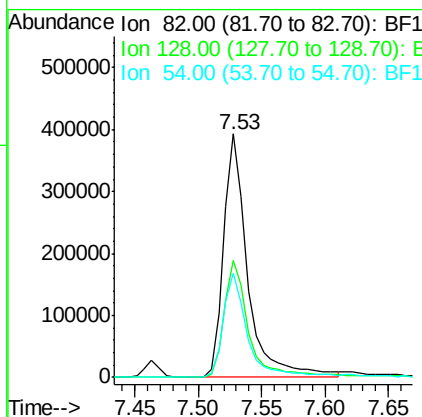
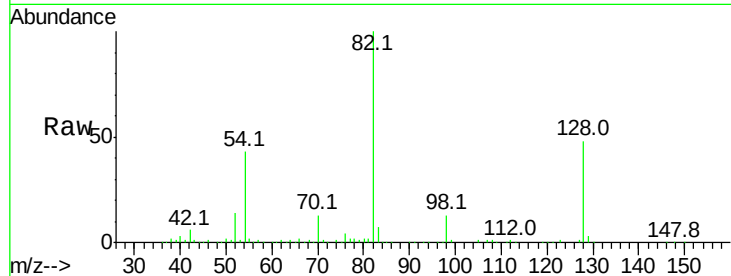




#23
 Nitrobenzene-d5
 Concen: 76.169 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

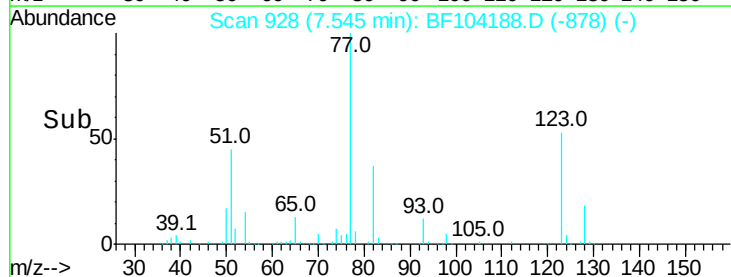
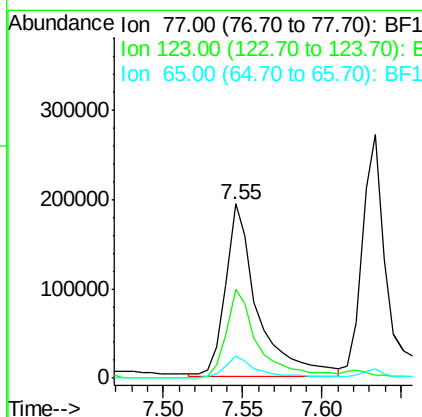
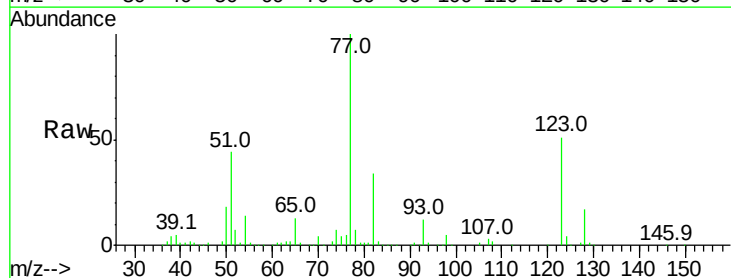
Instrument :
 BNA_F
 ClientSampleID :

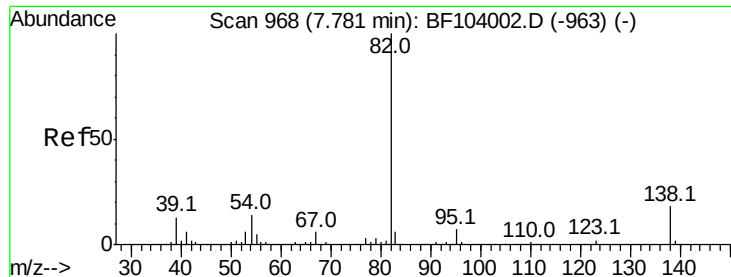
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	43.0	41.4	62.2



#24
 Nitrobenzene
 Concen: 37.538 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.7	37.9	56.9
65	13.0	11.0	16.4





#25

Isophorone

Concen: 41.808 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA_F

ClientSampleId :

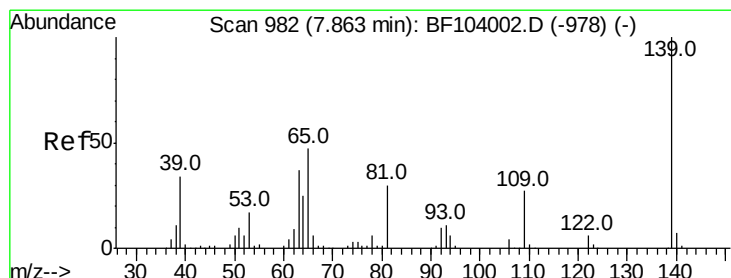
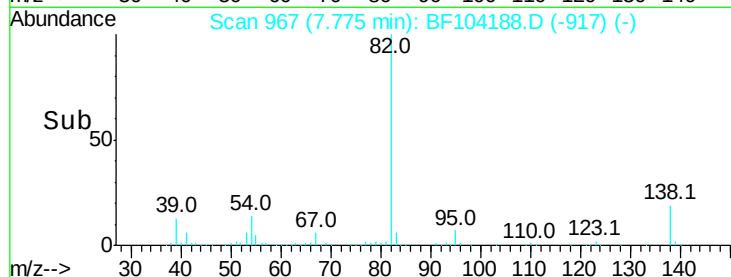
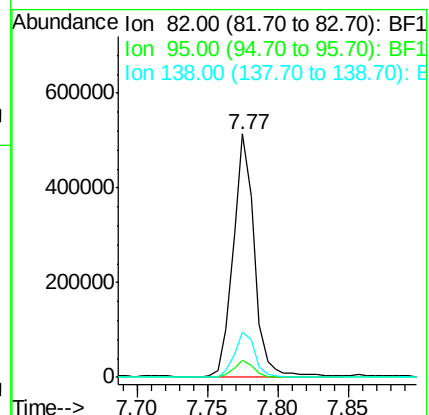
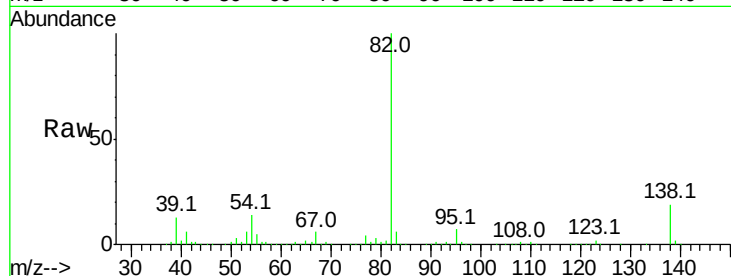
Tot Ion: 82 Resp: 527834

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 42.377 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

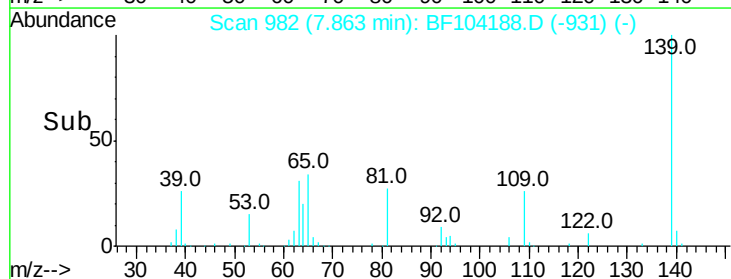
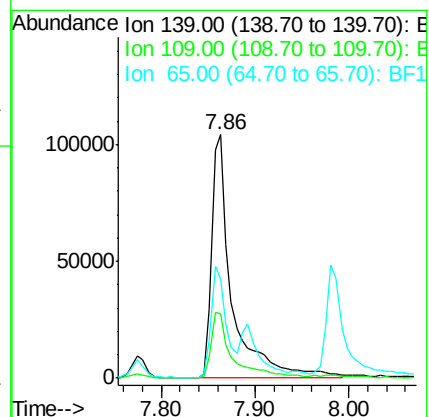
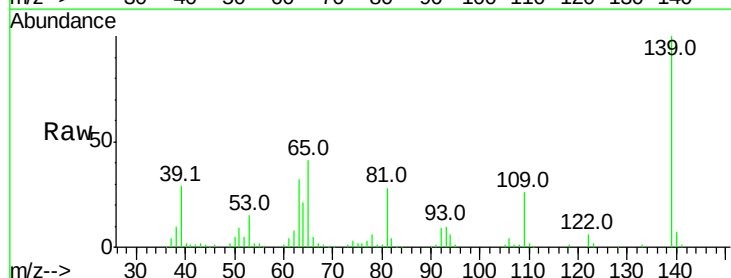
Tgt Ion: 139 Resp: 159446

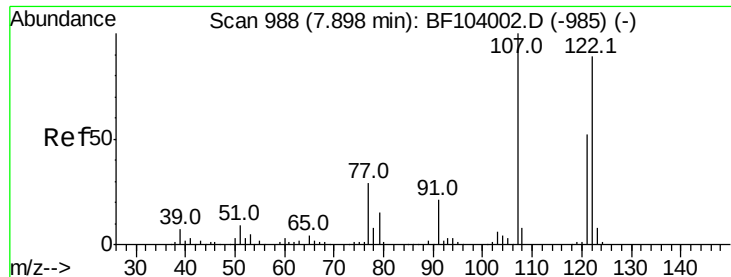
Ion Ratio Lower Upper

139 100

109 26.3 22.7 34.1

65 40.7 40.5 60.7

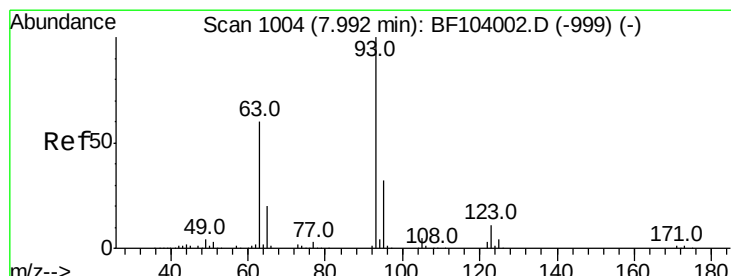
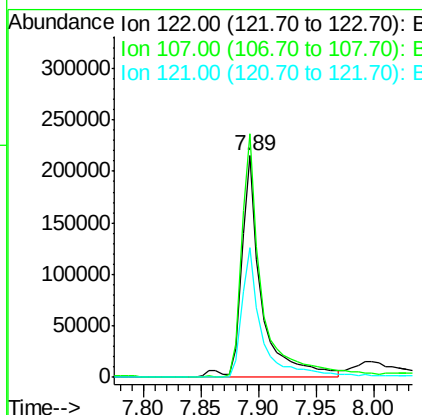
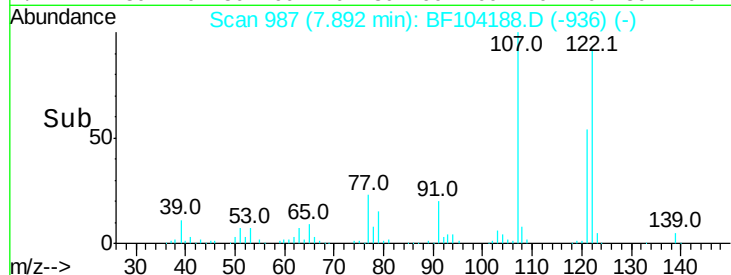
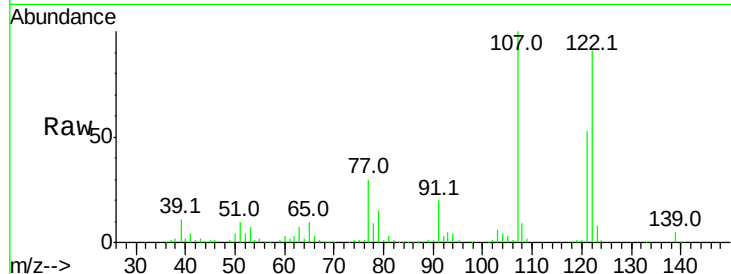




#27
 2,4-Dimethylphenol
 Concen: 47.732 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

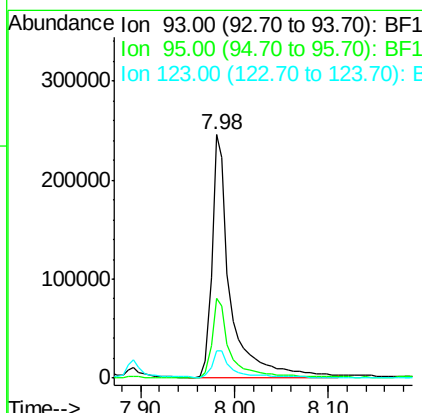
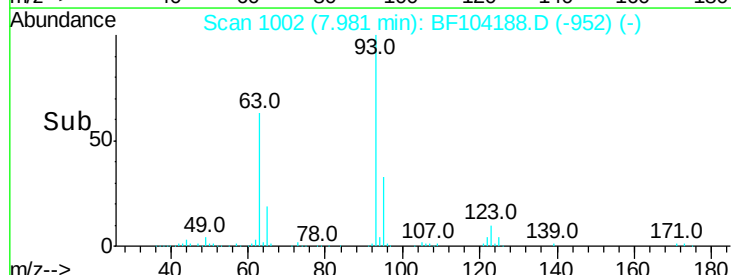
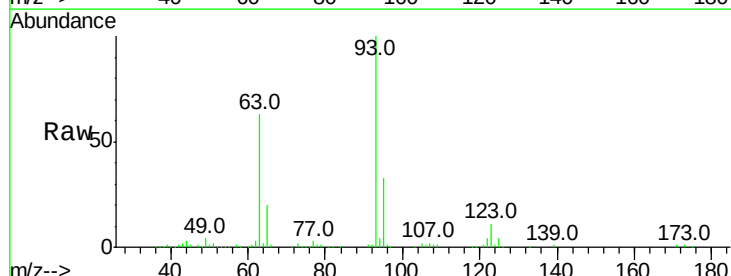
Instrument :
 BNA_F
 ClientSampled :

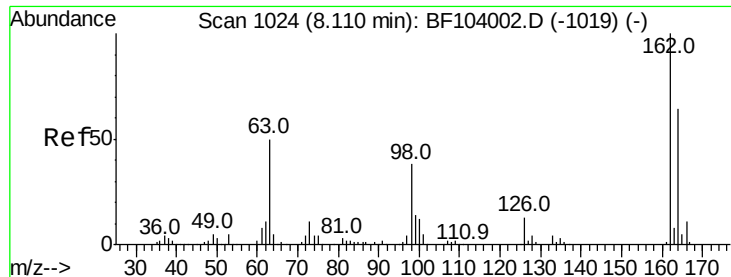
Tot Ion:	122	Resp:	259011
Ion	Ratio	Lower	Upper
122	100		
107	109.8	91.2	136.8
121	58.5	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.630 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

Tgt Ion:	93	Resp:	337324
Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	11.0	9.8	14.6

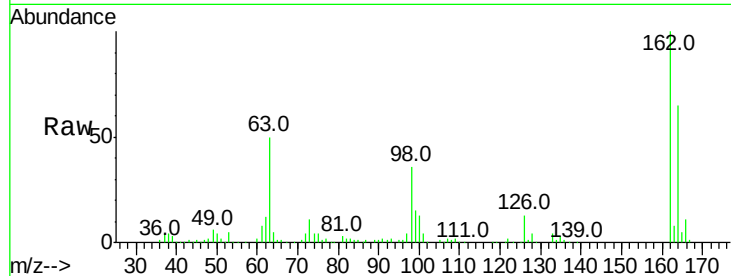




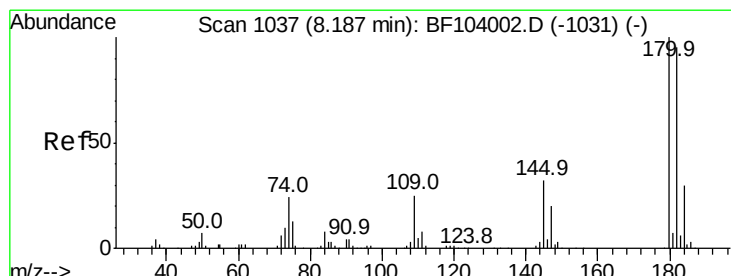
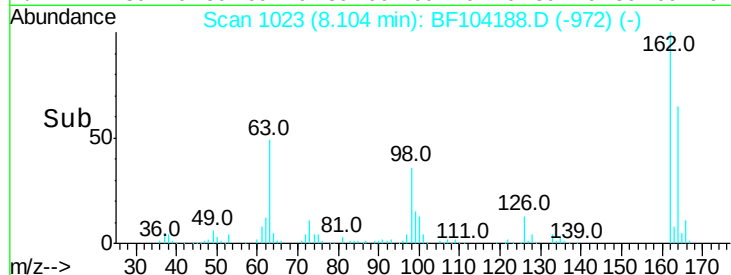
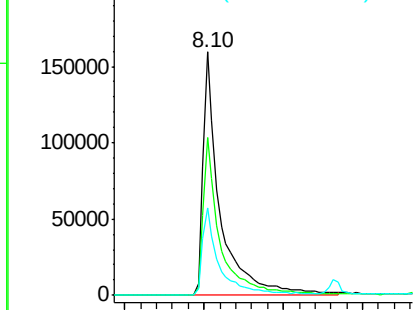
#29
 2,4-Dichlorophenol
 Concen: 42.982 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 243614
 Ion Ratio Lower Upper
 162 100
 164 64.9 42.7 82.7
 98 36.0 18.1 58.1

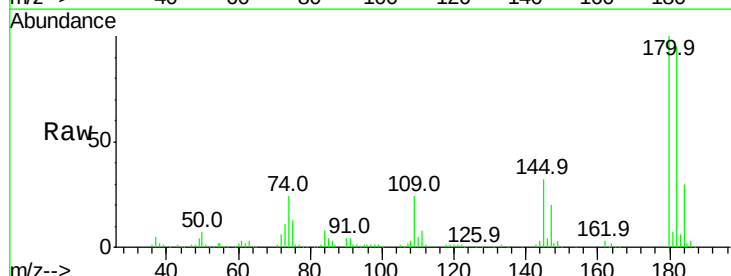


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

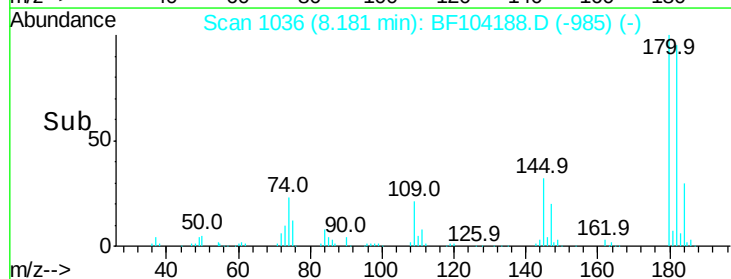
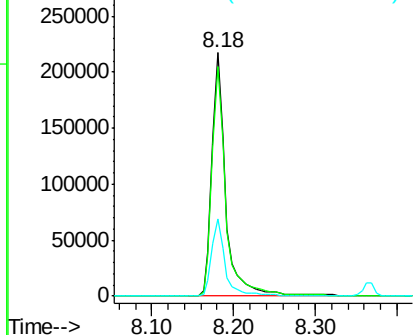


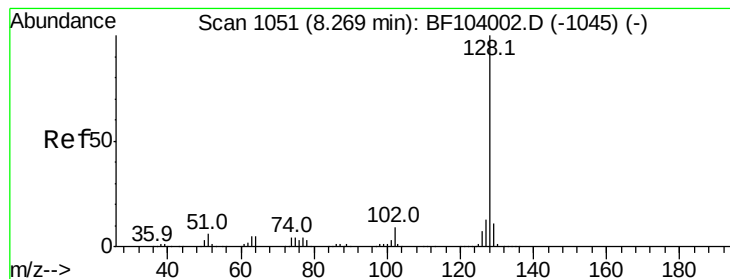
#30
 1,2,4-Trichlorobenzene
 Concen: 40.016 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

Tgt Ion:180 Resp: 257336
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.8 115.2
 145 31.8 26.5 39.7



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





#31

Naphthalene

Concen: 43.075 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA_F

ClientSampleId :

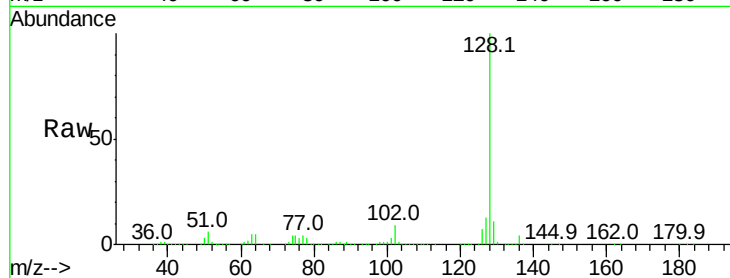
Tot Ion:128 Resp: 881632

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

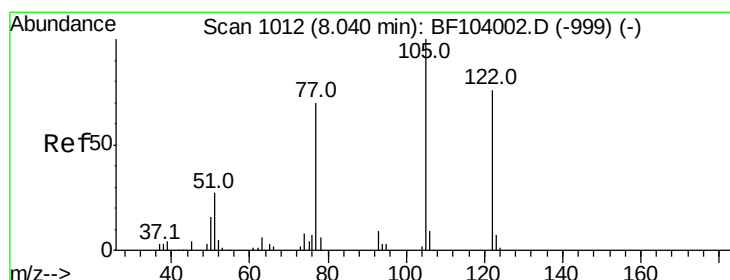
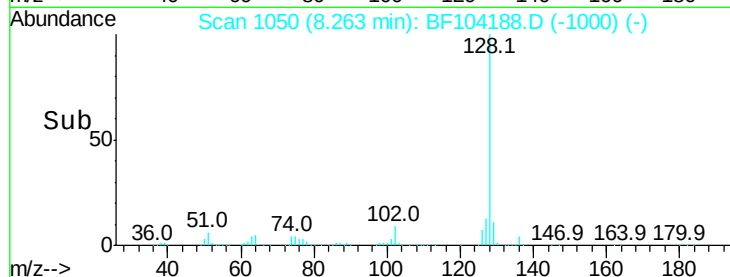
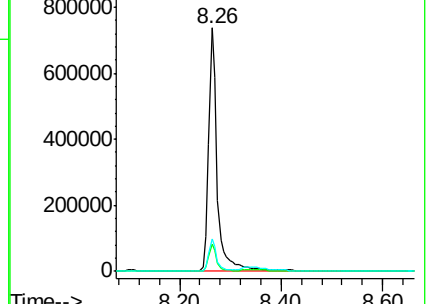
127 13.3 10.9 16.3



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: 11.846 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.03 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

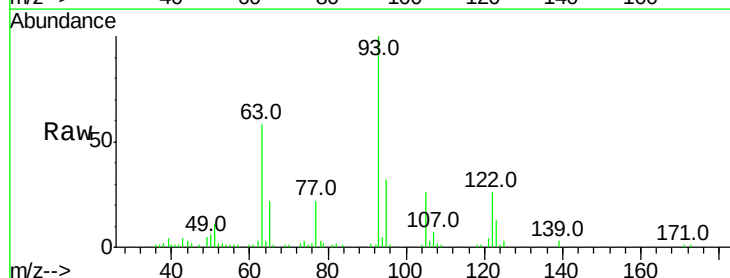
Tgt Ion:122 Resp: 47089

Ion Ratio Lower Upper

122 100

105 100.8 101.1 141.1#

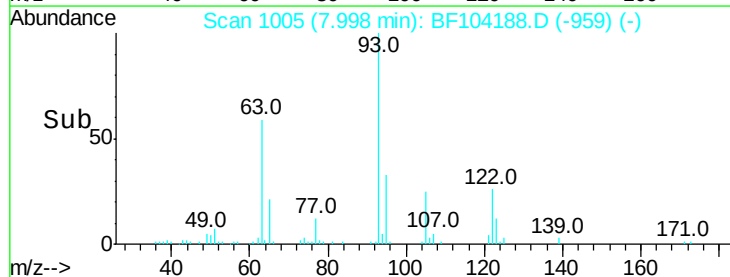
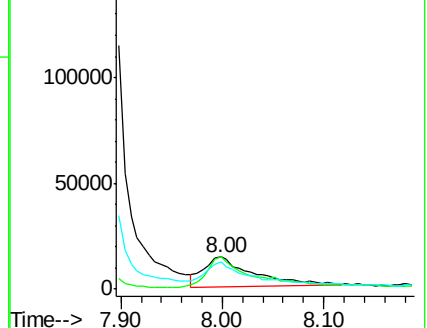
77 85.4 70.7 110.7

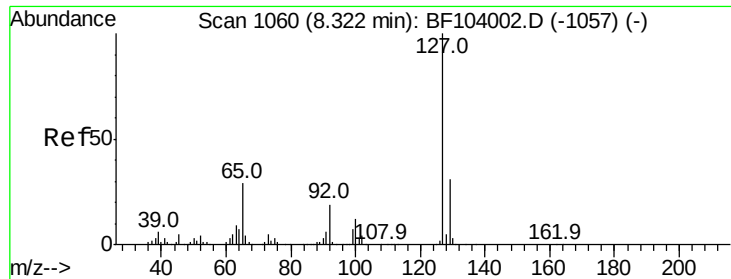


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

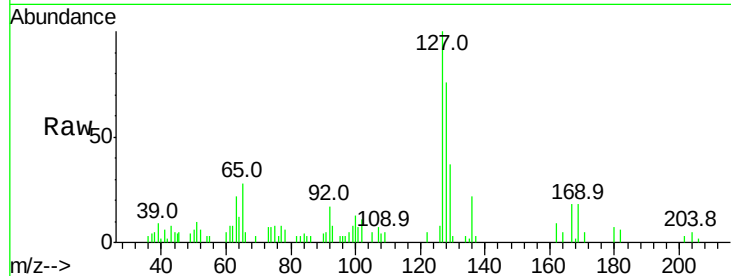




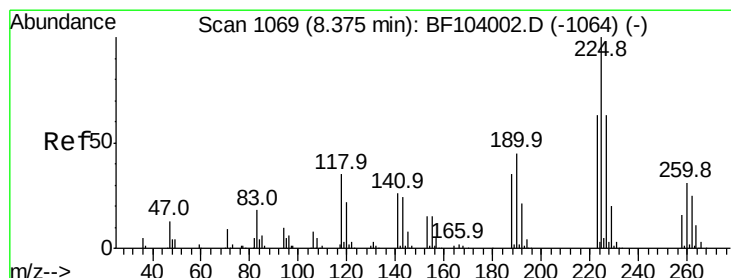
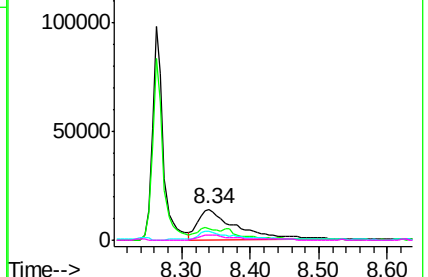
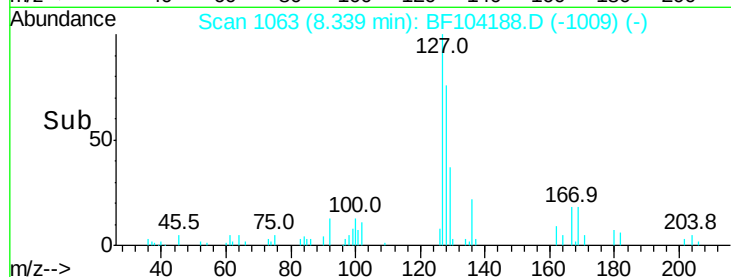
#33
 4-Chloroaniline
 Concen: 6.307 ng
 RT: 8.34 min Scan# 1063
 Delta R.T. 0.02 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:	127	Resp:	54424
Ion	Ratio	Lower	Upper
127	100		
129	36.8	25.9	38.9
65	27.6	25.0	37.4
92	16.5	15.2	22.8

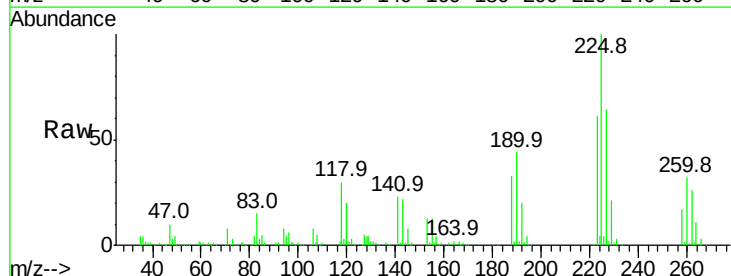


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

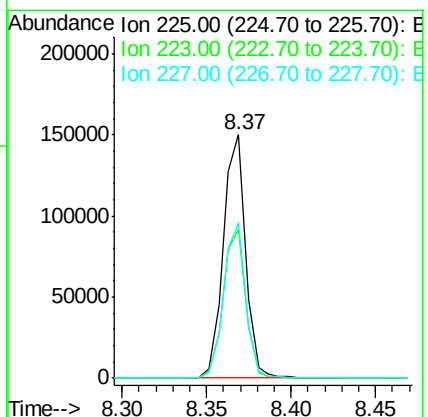
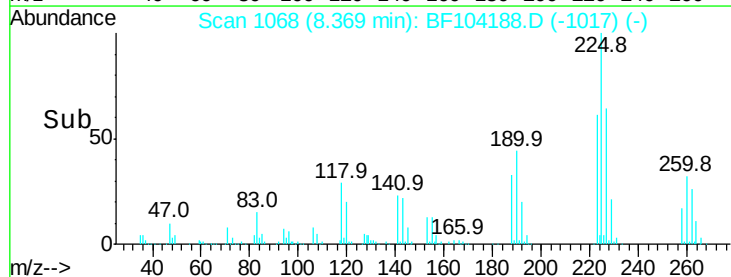


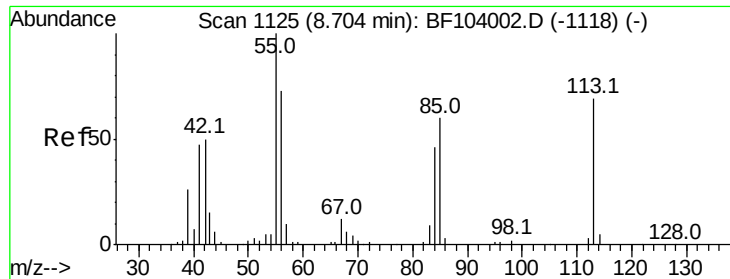
#34
 Hexachlorobutadiene
 Concen: 39.420 ng
 RT: 8.37 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

Tgt Ion:	225	Resp:	137948
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.6	76.0
227	63.7	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

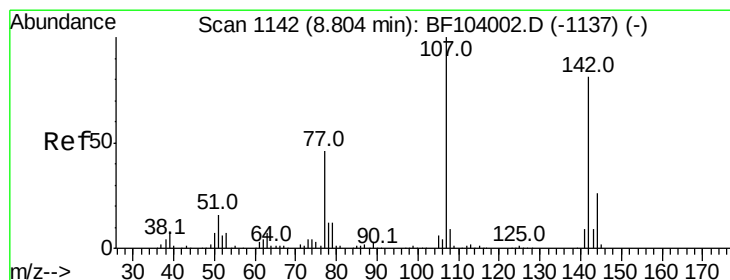
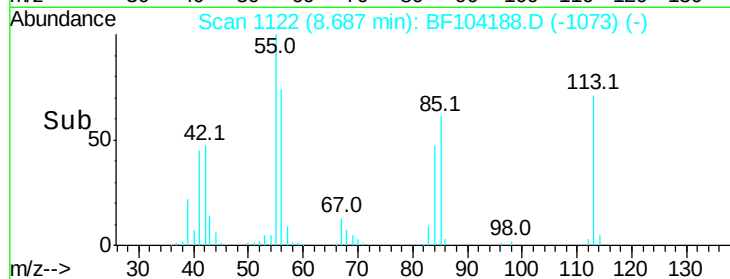
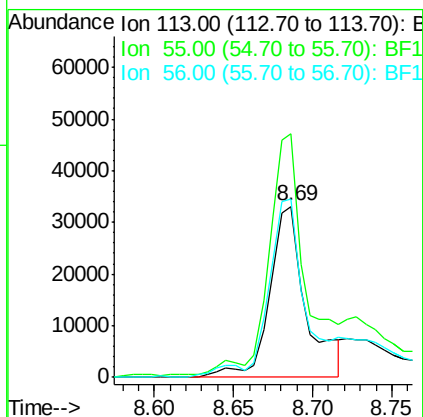
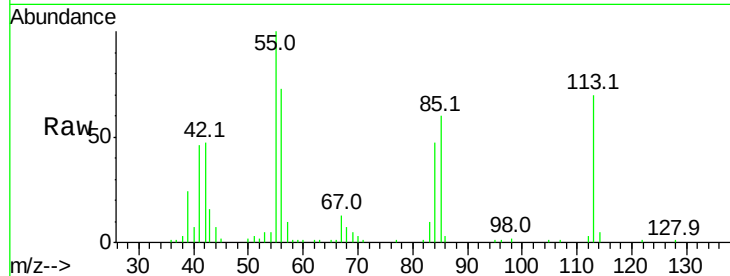




#35
 Caprolactam
 Concen: 29.332 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

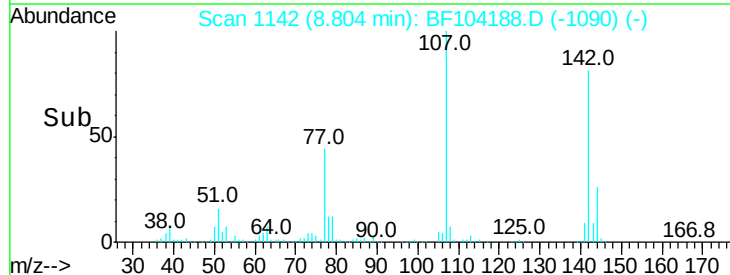
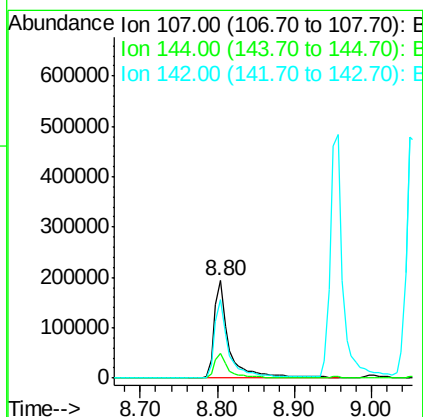
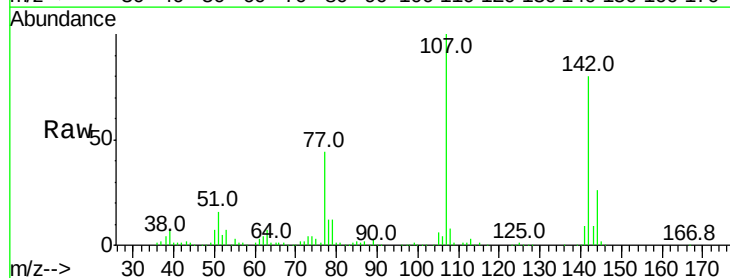
Instrument :
 BNA_F
 ClientSampleId :

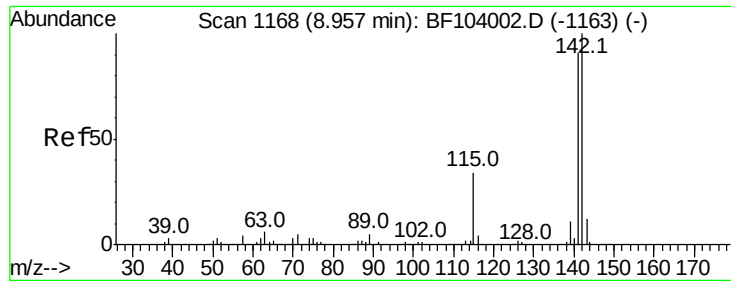
Tot Ion:113 Resp: 52715
 Ion Ratio Lower Upper
 113 100
 55 142.6 163.3 203.3#
 56 104.3 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 42.785 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

Tgt Ion:107 Resp: 256495
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 80.4 62.0 93.0

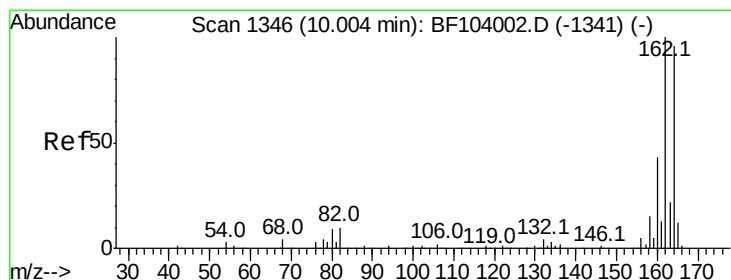
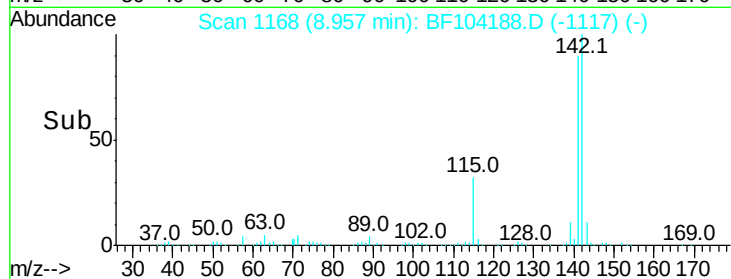
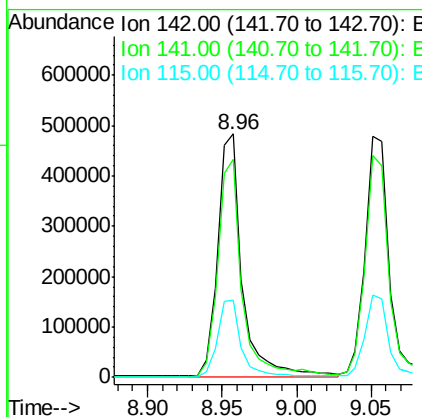
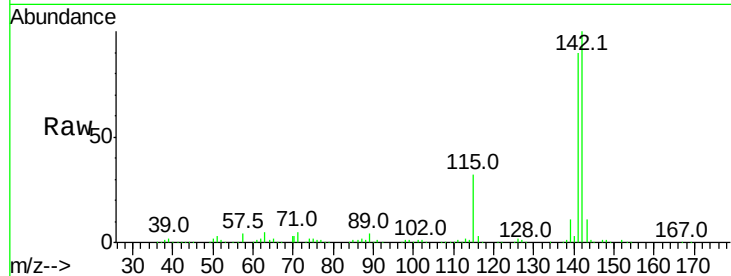




#37
 2-Methylnaphthalene
 Concen: 41.362 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

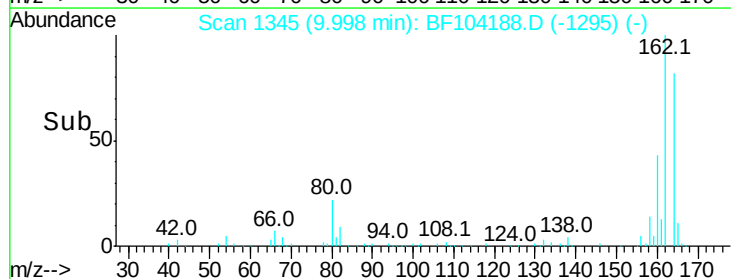
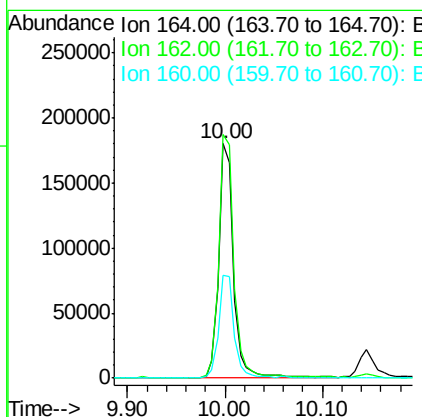
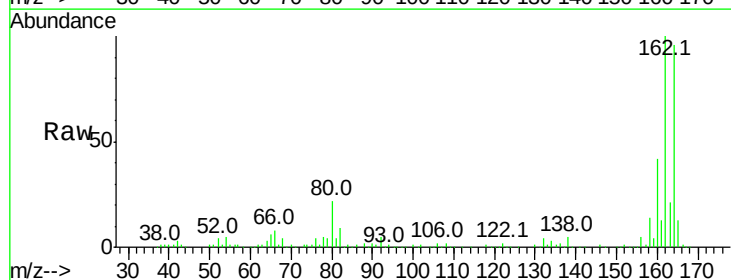
Instrument :
 BNA_F
 ClientSampleId :

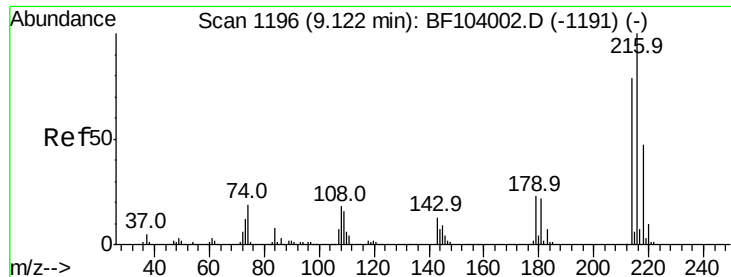
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	31.6	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	43.8	38.3	57.5

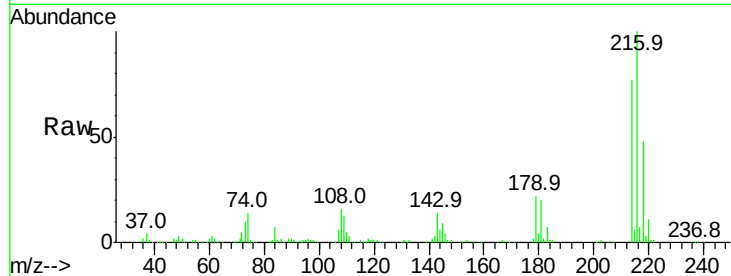




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.772 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	22.2	18.1	27.1
108	20.0	17.2	25.8

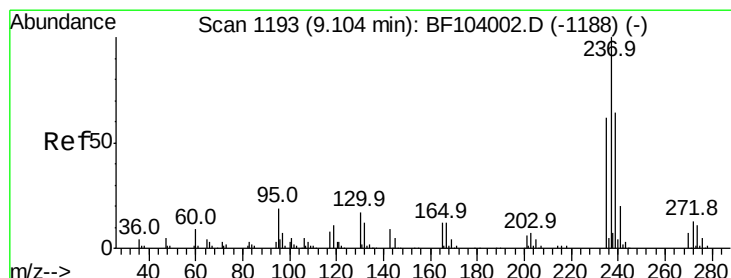
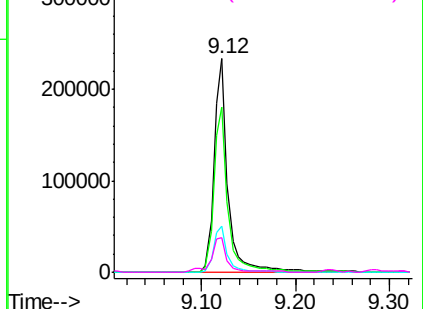
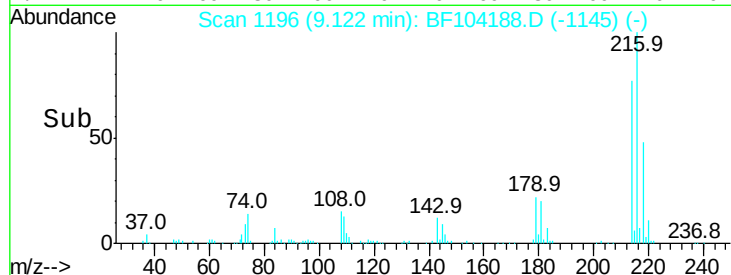


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

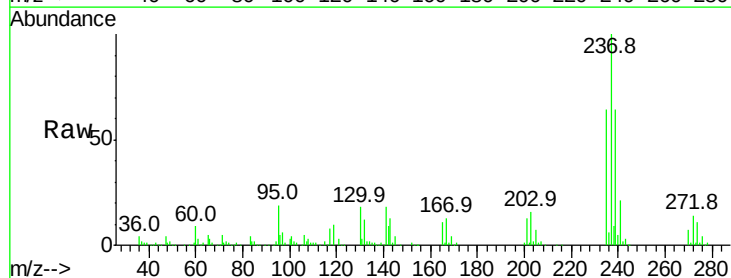
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 44.054 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

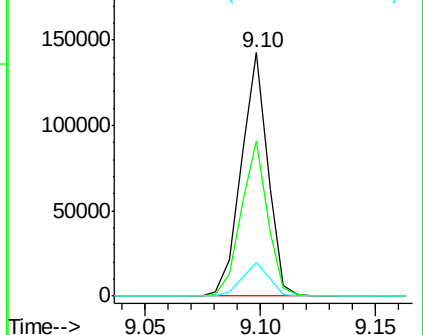
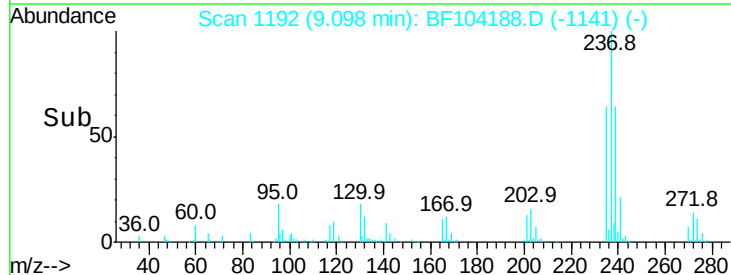
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.8	44.8	84.8
272	13.7	0.0	33.3

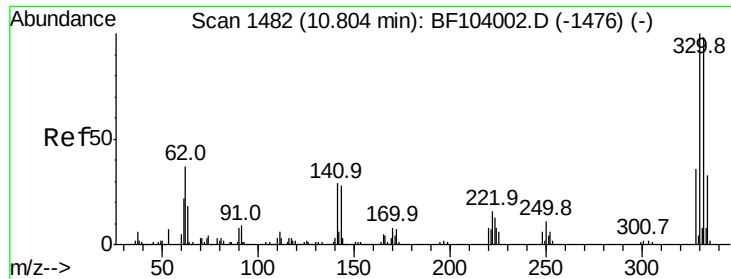


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

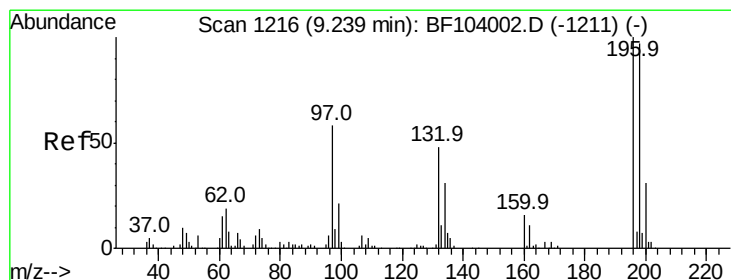
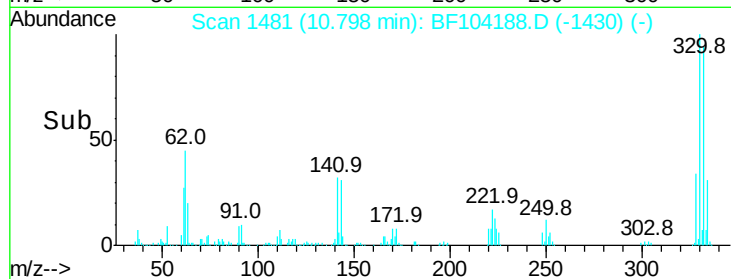
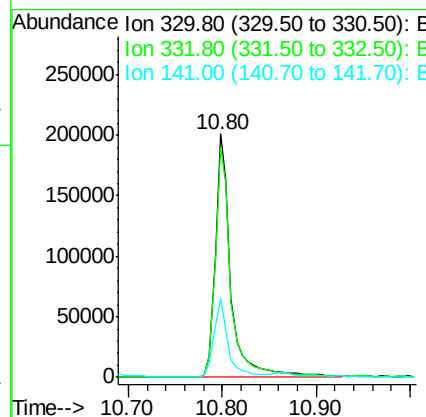
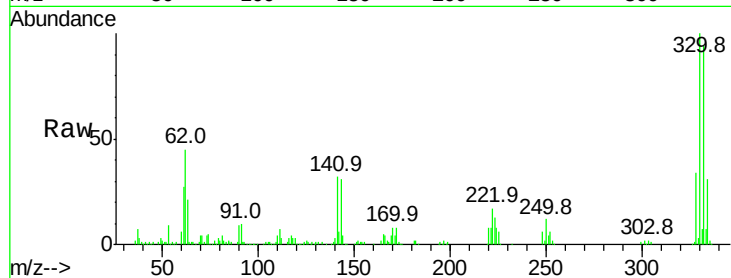




#41
 2,4,6-Tribromophenol
 Concen: 111.125 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

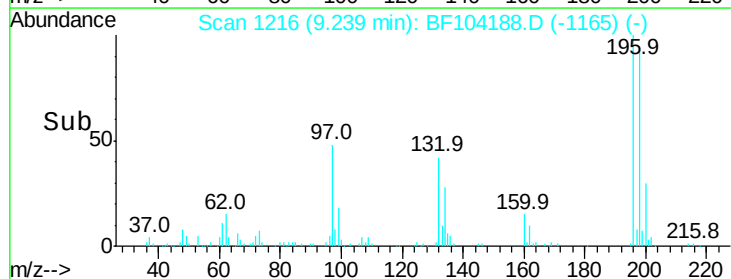
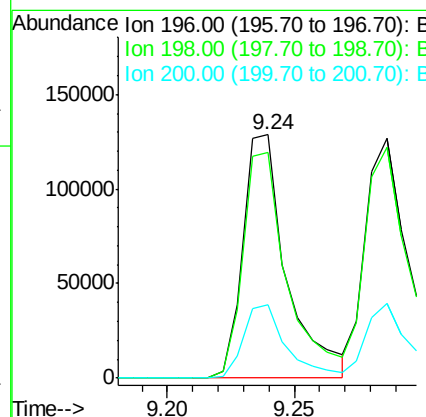
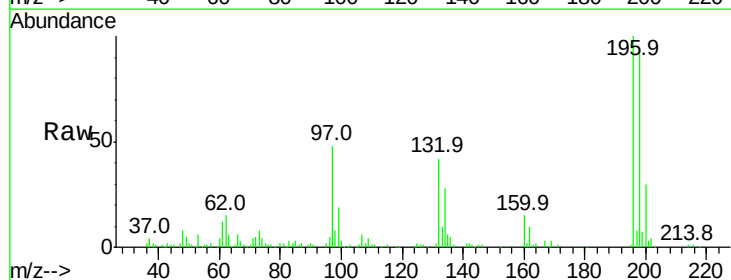
Instrument :
 BNA_F
 ClientSampled :

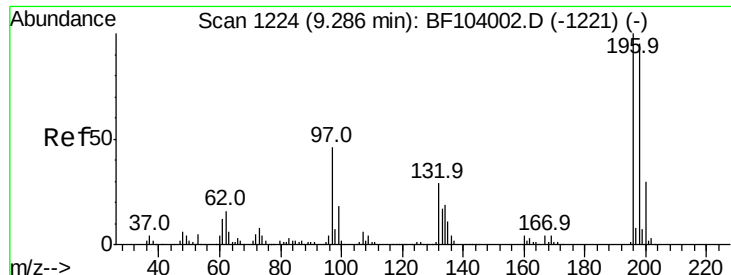
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	28.8	29.9	44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 41.442 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.7	75.7	113.5
200	30.1	24.5	36.7

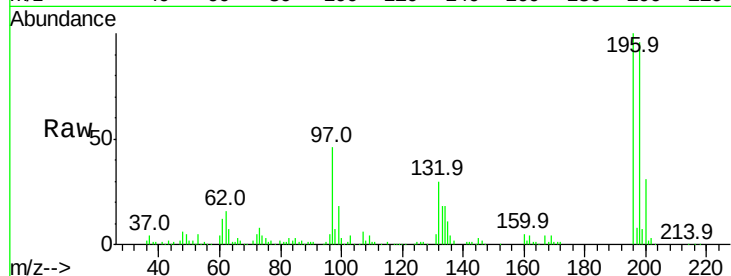




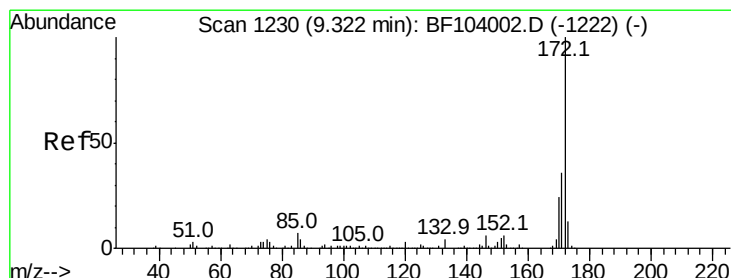
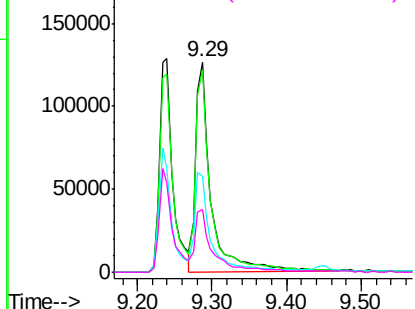
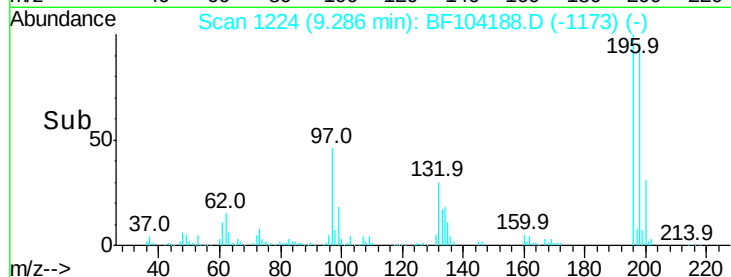
#43
 2,4,5-Trichlorophenol
 Concen: 40.372 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	74.6	112.0
97	45.5	42.9	64.3
132	30.0	26.3	39.5

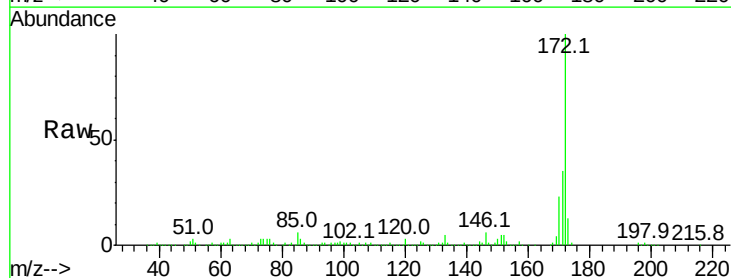


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

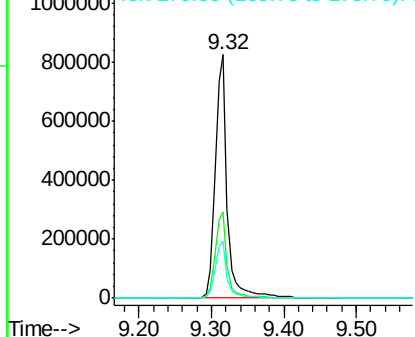
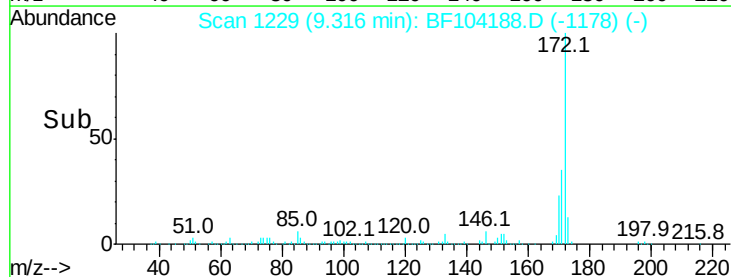


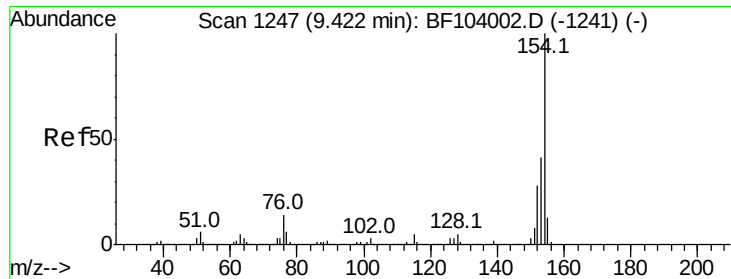
#44
 2-Fluorobiphenyl
 Concen: 78.106 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.3	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: 41.001 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA_F

ClientSampleId :

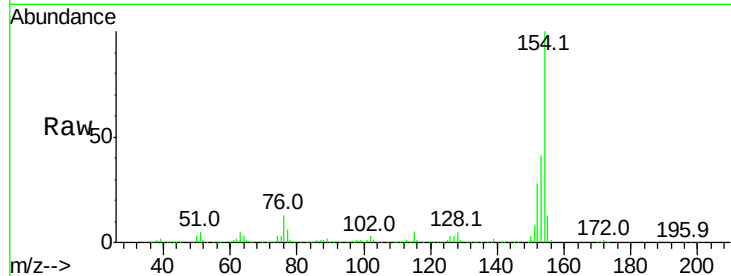
Tot Ion:154 Resp: 674011

Ion Ratio Lower Upper

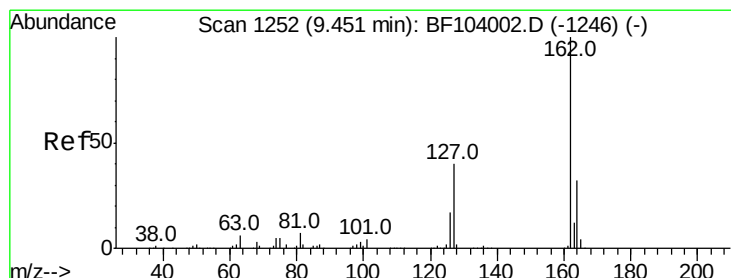
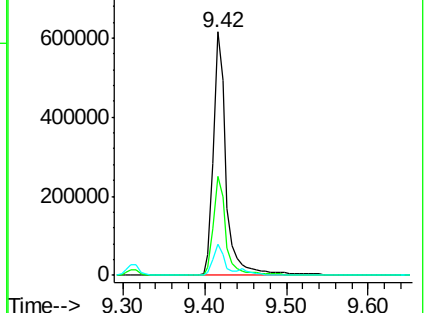
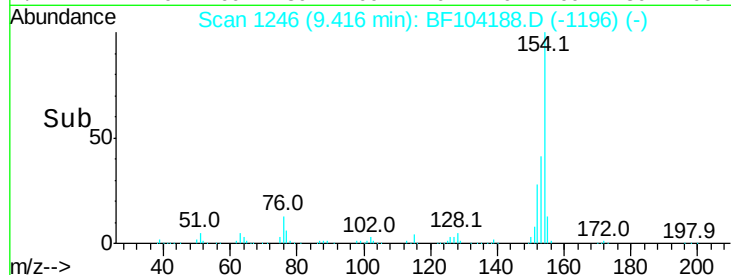
154 100

153 40.7 21.3 61.3

76 12.9 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: 40.891 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

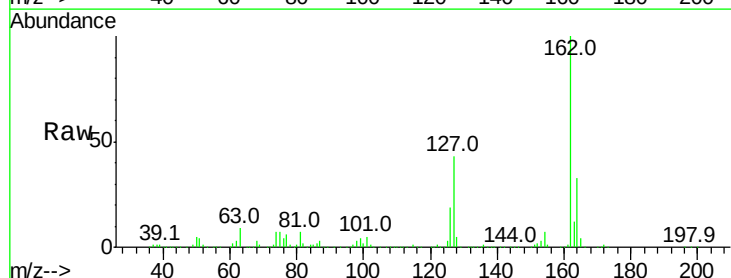
Tgt Ion:162 Resp: 530239

Ion Ratio Lower Upper

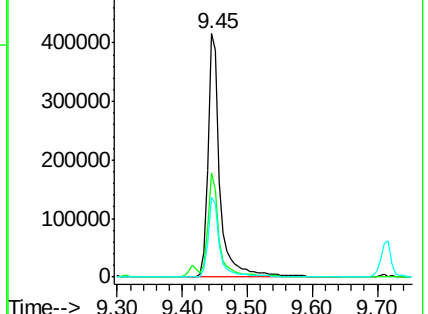
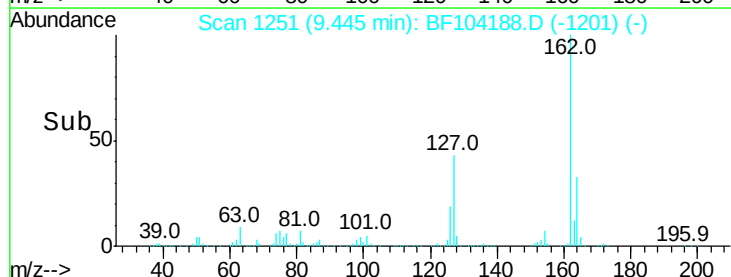
162 100

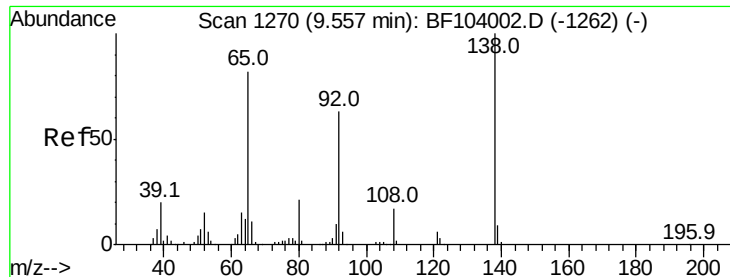
127 42.7 33.9 50.9

164 32.9 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: 39.420 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA_F

ClientSampled :

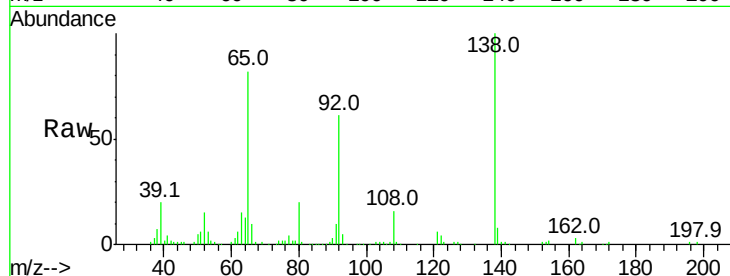
Tot Ion: 65 Resp: 145758

Ion Ratio Lower Upper

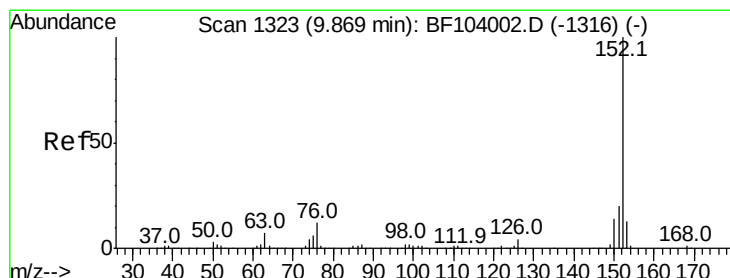
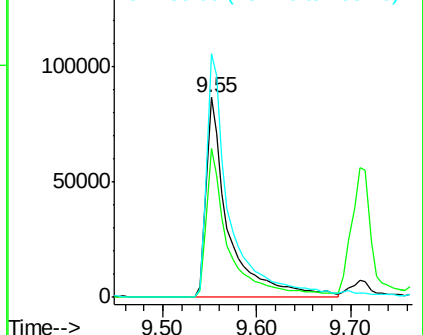
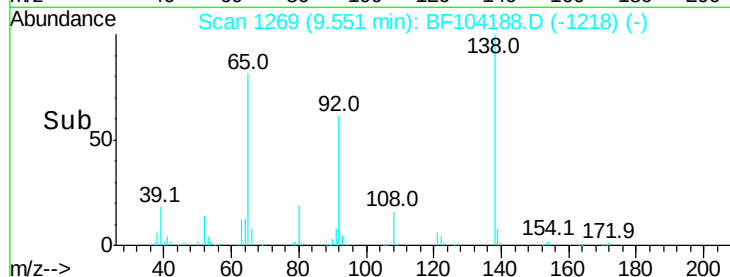
65 100

92 74.7 55.8 83.6

138 121.9 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: 38.924 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

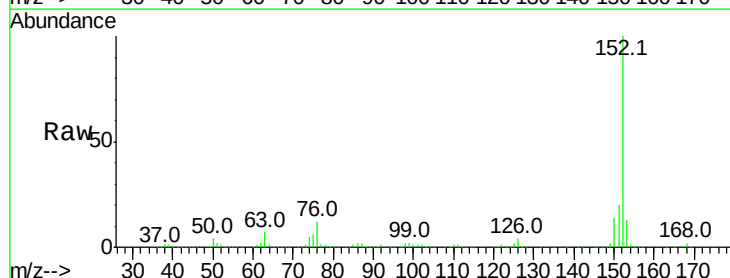
Tgt Ion: 152 Resp: 764649

Ion Ratio Lower Upper

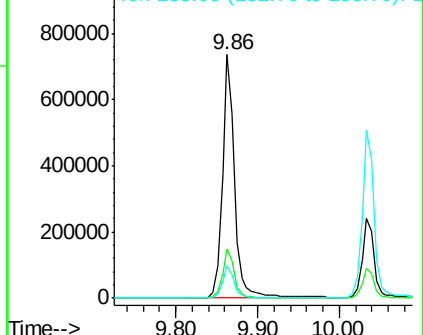
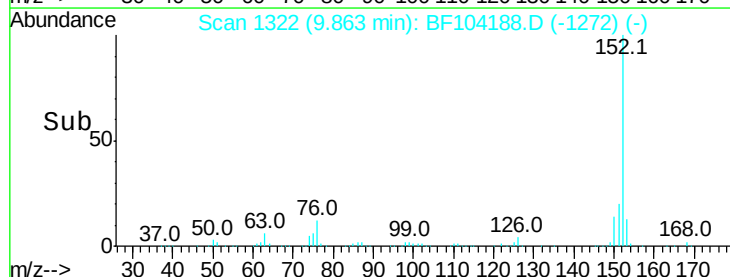
152 100

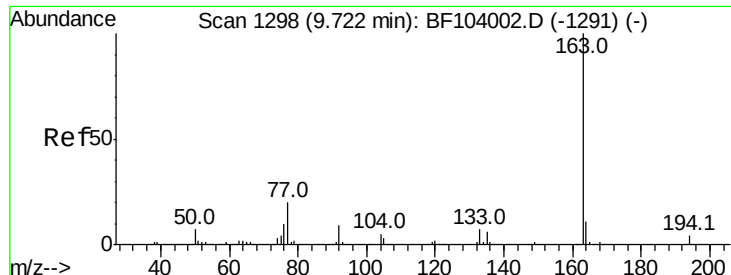
151 20.0 16.3 24.5

153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

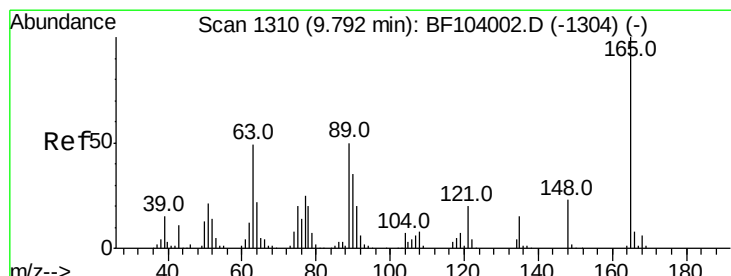
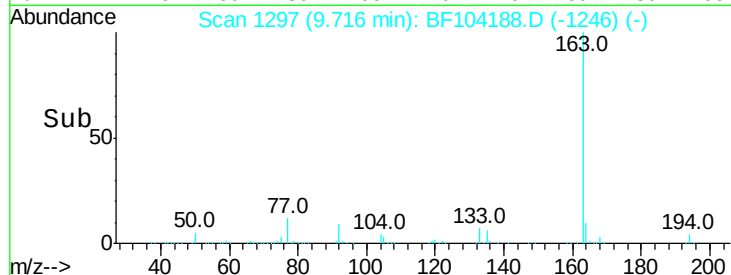
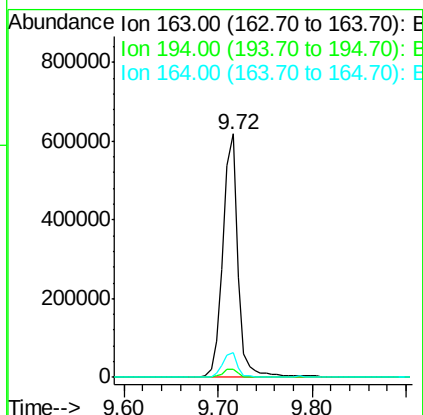
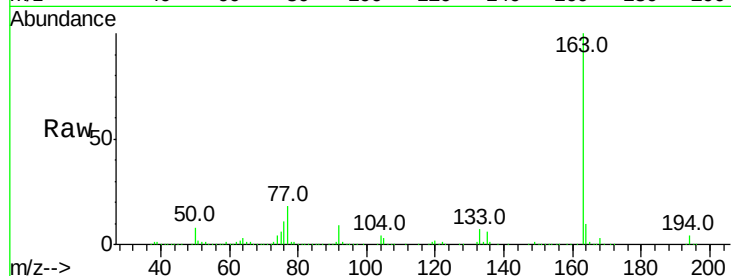




#49
Dimethylphthalate
Concen: 46.128 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

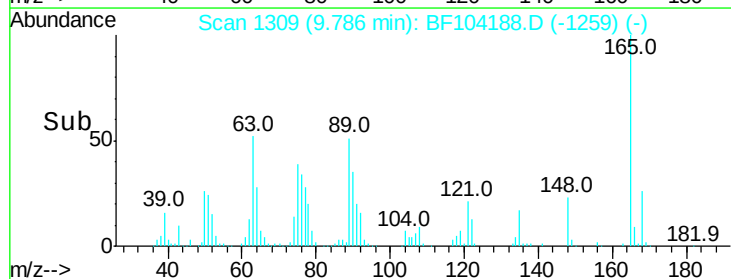
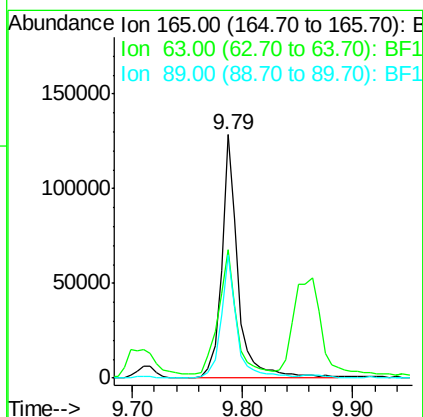
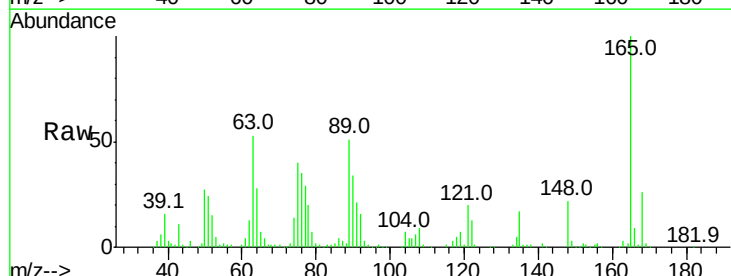
Instrument :
BNA_F
ClientSampleId :

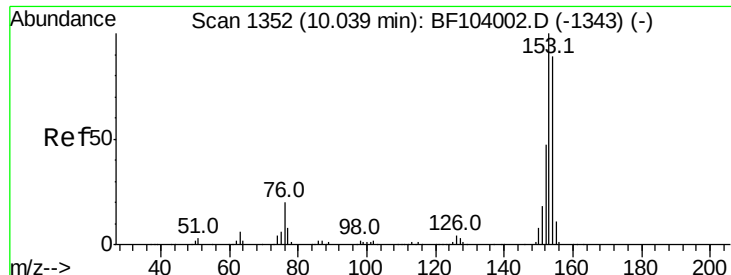
Tot Ion:163 Resp: 697564
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 40.666 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

Tgt Ion:165 Resp: 132302
Ion Ratio Lower Upper
165 100
63 52.7 44.7 67.1
89 50.8 44.0 66.0





#51

Acenaphthene

Concen: 39.296 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA_F

ClientSampleId :

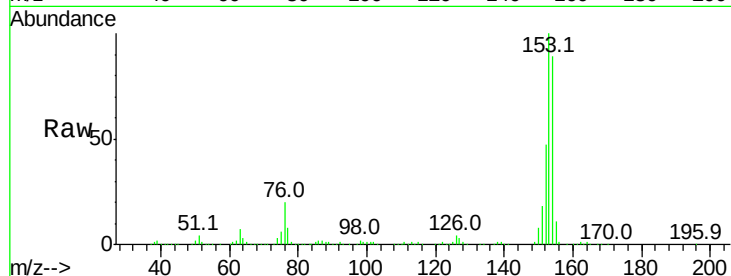
Tot Ion:154 Resp: 446575

Ion Ratio Lower Upper

154 100

153 112.9 91.2 136.8

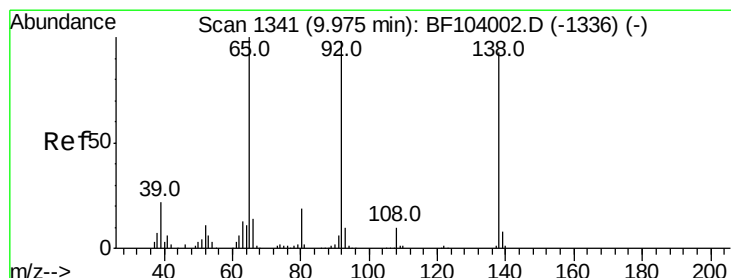
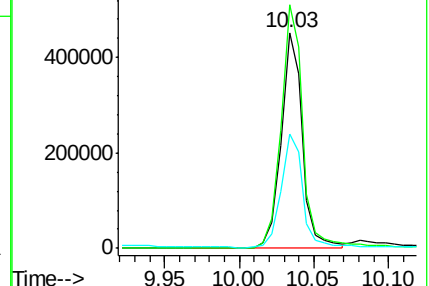
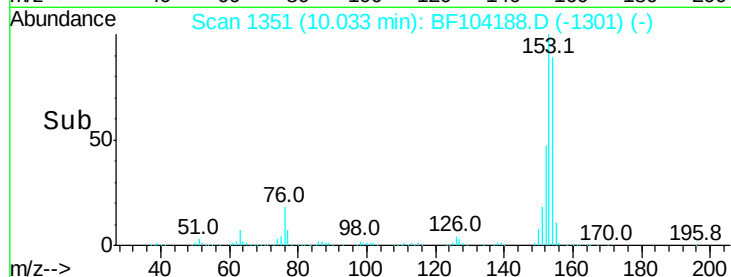
152 53.1 43.8 65.8



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: 14.143 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

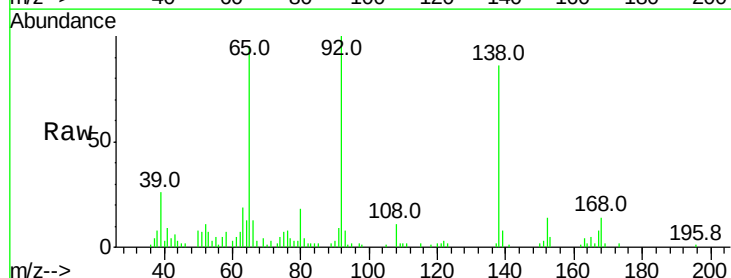
Tgt Ion:138 Resp: 52895

Ion Ratio Lower Upper

138 100

108 13.0 9.4 14.0

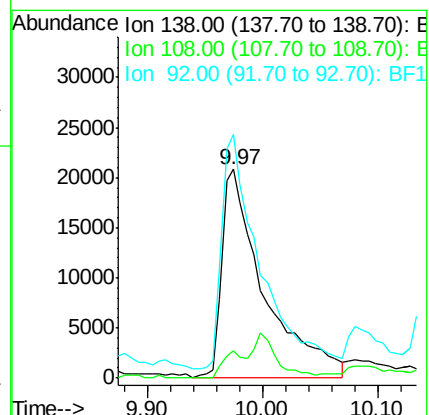
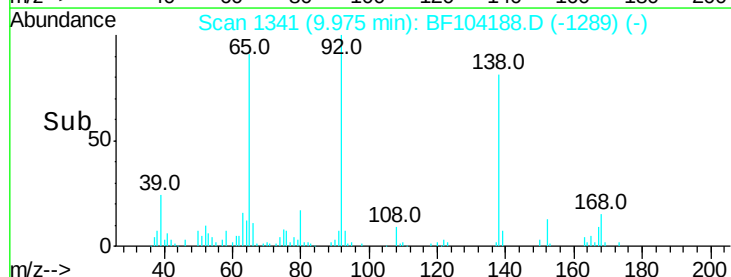
92 116.6 89.4 134.2

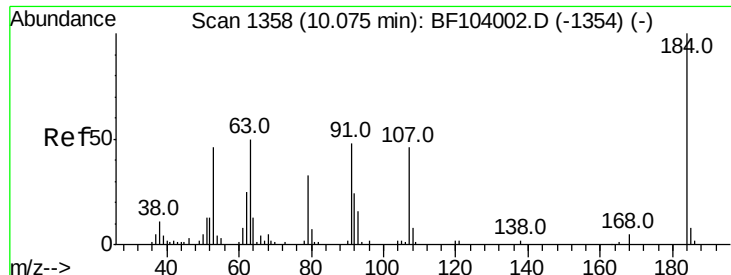


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

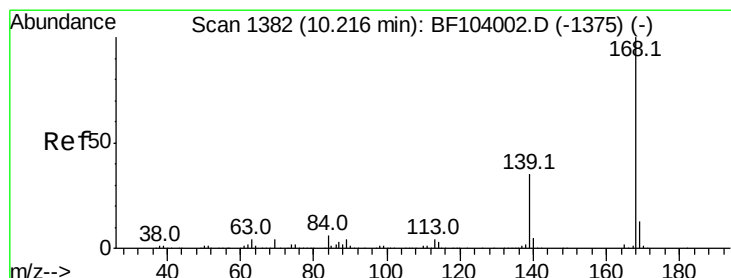
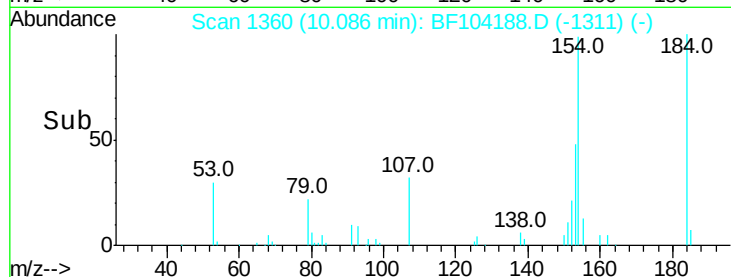
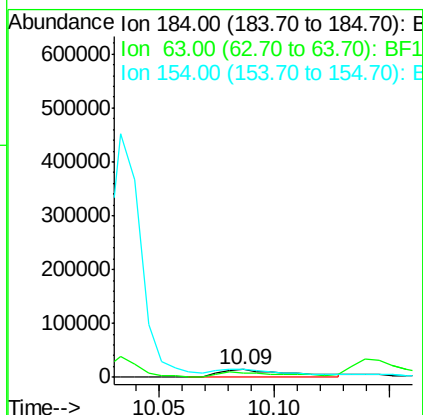
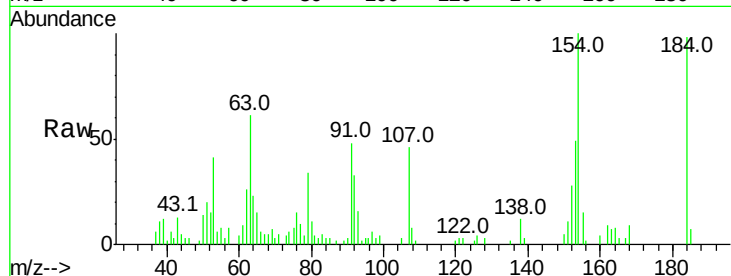




#53
 2,4-Dinitrophenol
 Concen: 25.775 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

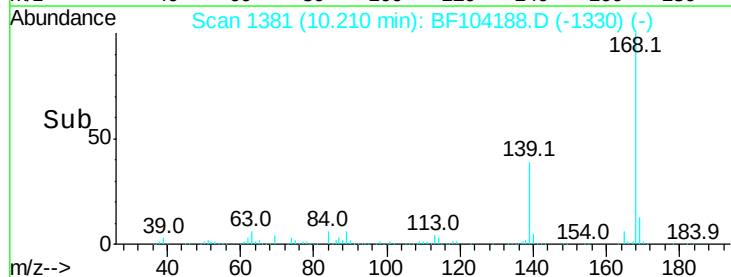
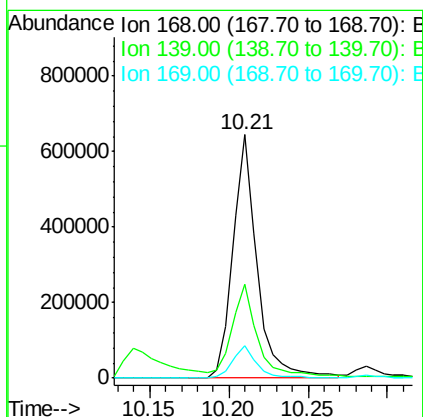
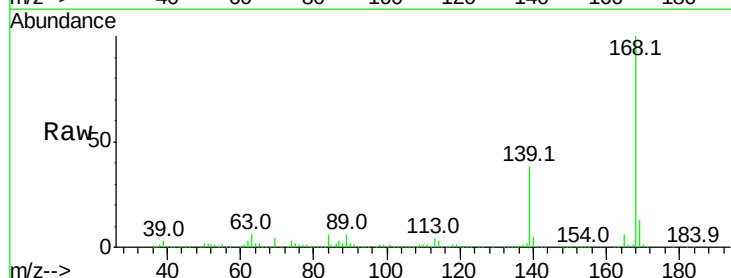
Instrument :
 BNA_F
 ClientSampleId :

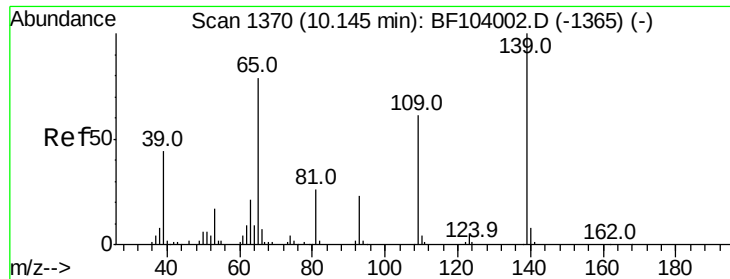
Tot Ion:184 Resp: 30842
 Ion Ratio Lower Upper
 184 100
 63 62.2 54.2 81.2
 154 102.3 184.0 276.0#



#54
 Dibenzofuran
 Concen: 41.240 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

Tgt Ion:168 Resp: 684390
 Ion Ratio Lower Upper
 168 100
 139 38.4 30.1 45.1
 169 13.3 10.9 16.3

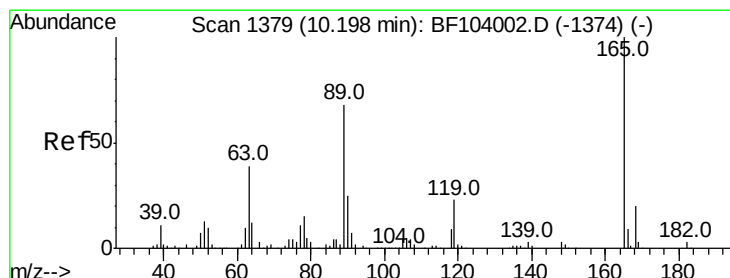
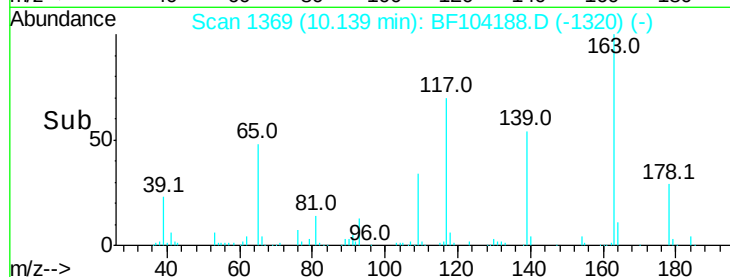
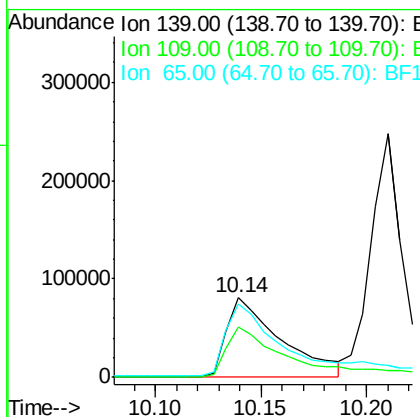
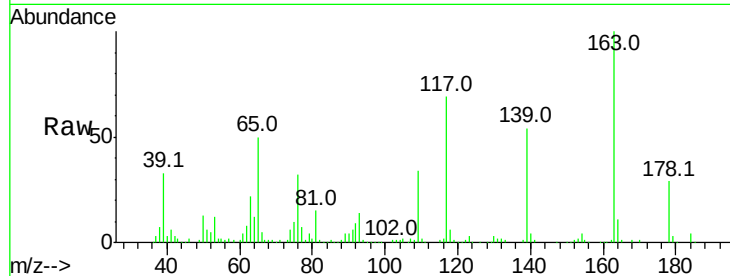




#55
4-Nitrophenol
Concen: 64.071 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

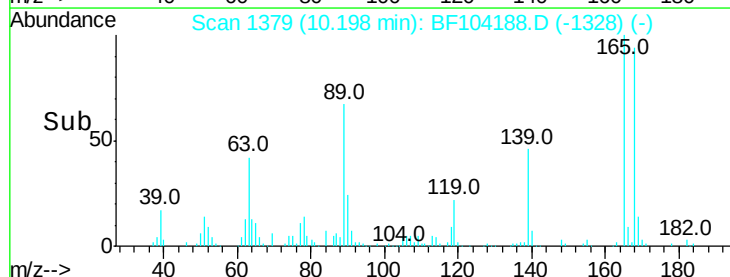
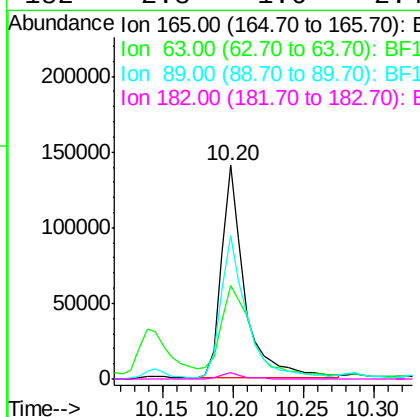
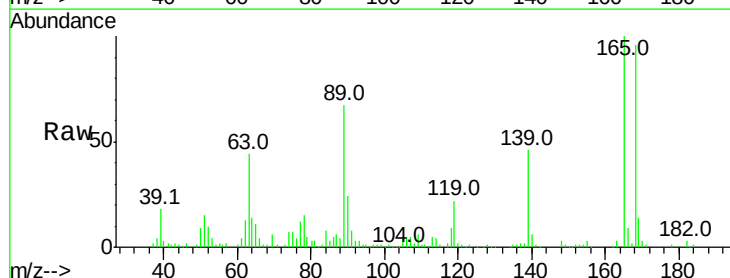
Instrument :
BNA_F
ClientSampleId :

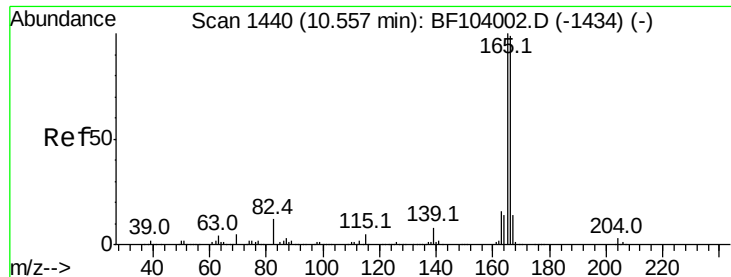
Tot Ion:139 Resp: 143677
Ion Ratio Lower Upper
139 100
109 64.1 48.4 88.4
65 93.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.187 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

Tgt Ion:165 Resp: 162685
Ion Ratio Lower Upper
165 100
63 43.9 36.4 54.6
89 67.1 57.8 86.6
182 2.8 1.6 2.4#





#57

Fluorene

Concen: 40.252 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA_F

ClientSampleId :

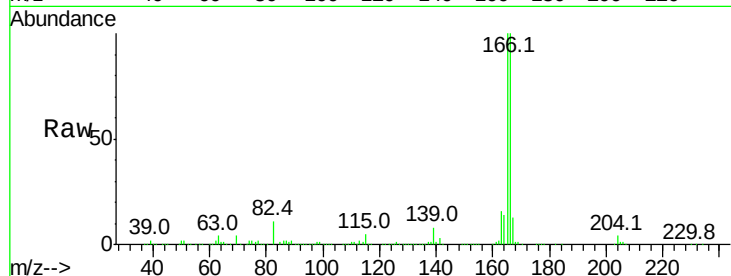
Tot Ion:166 Resp: 551023

Ion Ratio Lower Upper

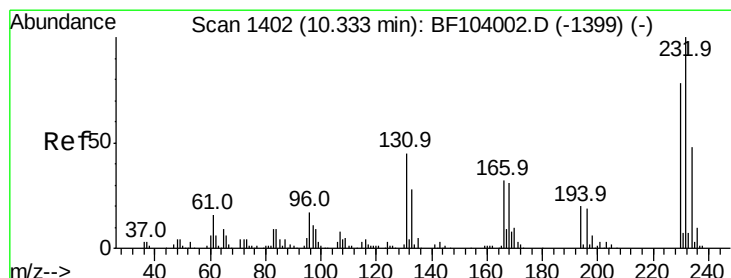
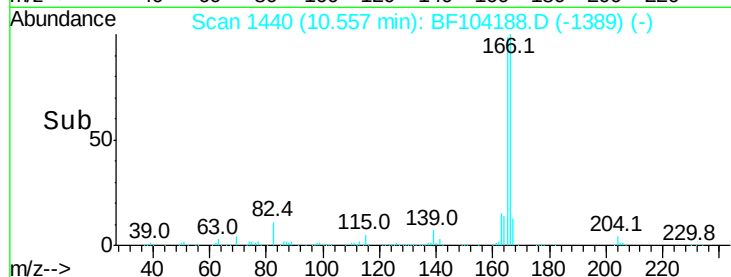
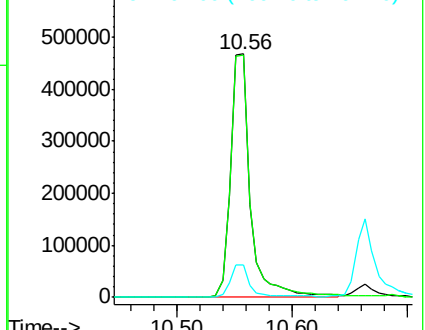
166 100

165 99.6 79.8 119.8

167 13.3 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: 43.080 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Tgt Ion:232 Resp: 144939

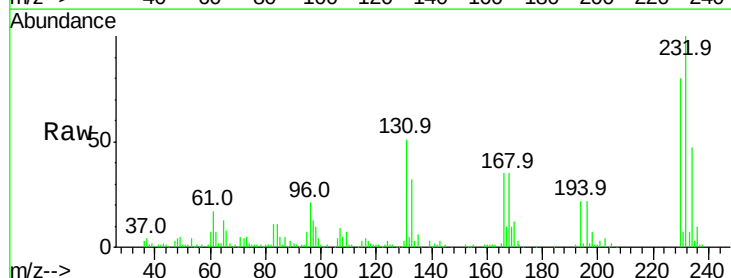
Ion Ratio Lower Upper

232 100

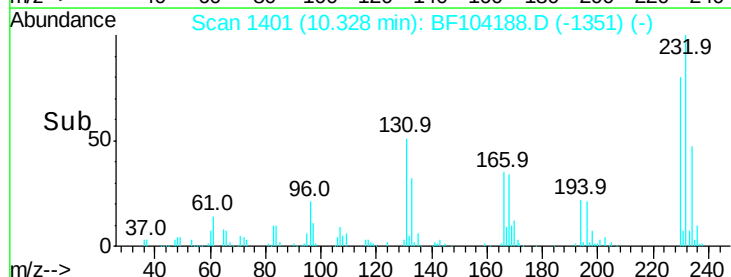
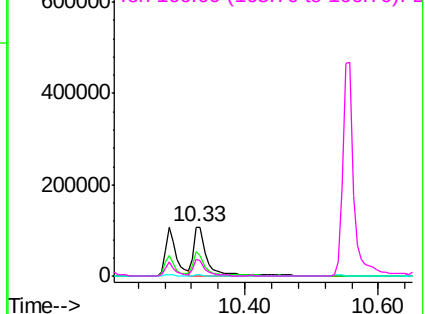
131 42.1 43.8 65.8#

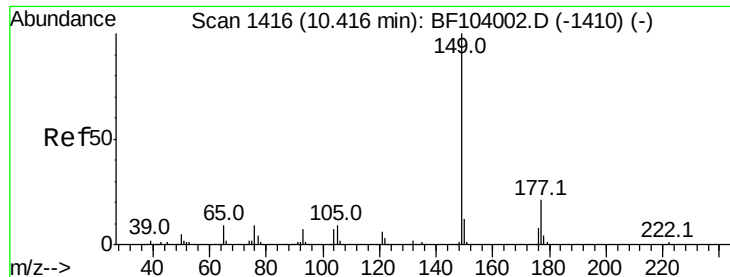
130 2.4 2.1 3.1

166 28.7 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

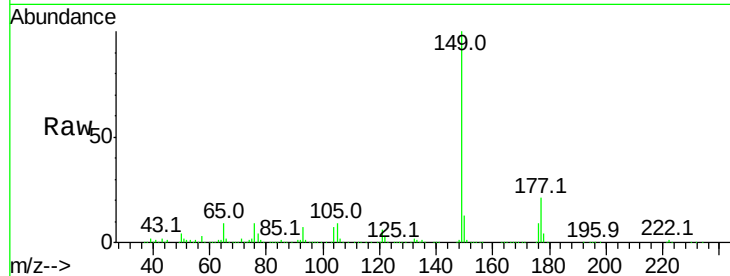




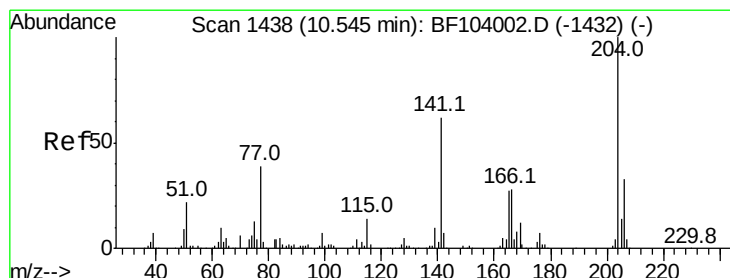
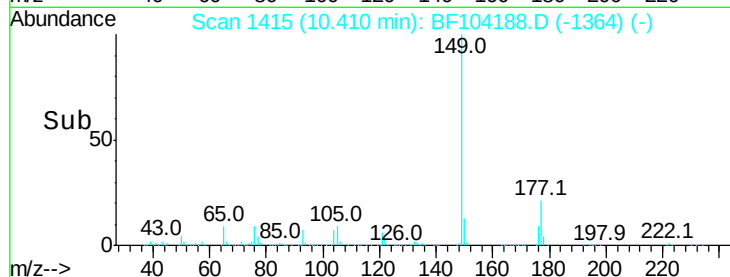
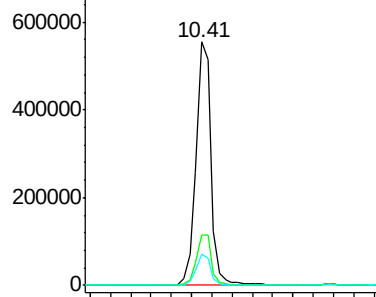
#59
Diethylphthalate
Concen: 39.440 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 571362
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 12.7 10.1 15.1

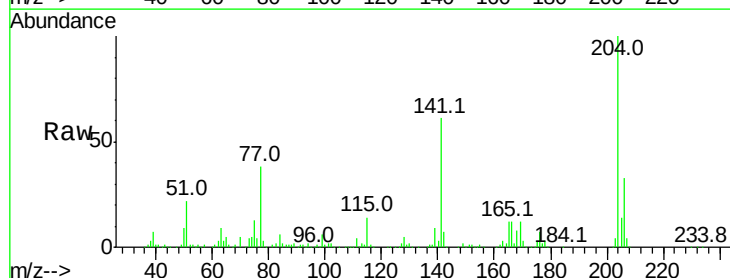


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

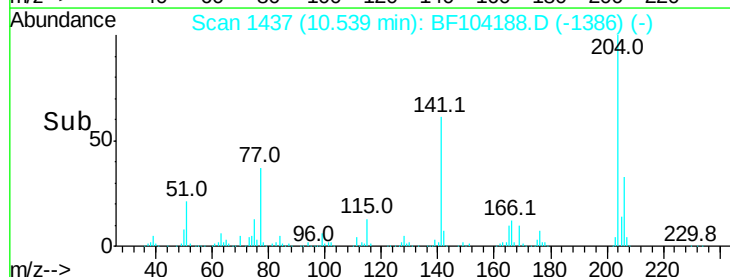
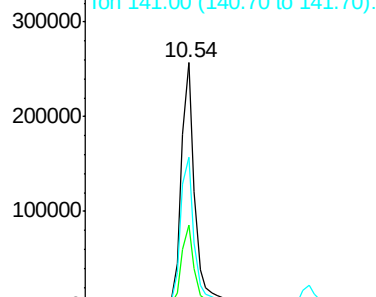


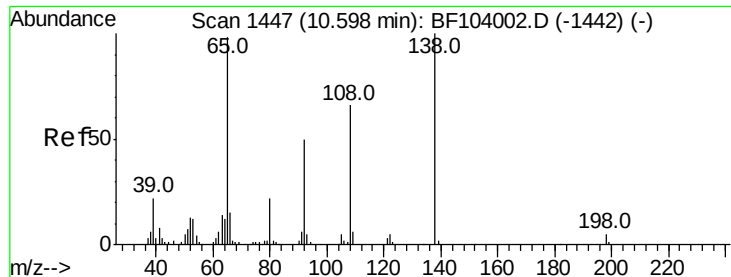
#60
4-Chlorophenyl-phenylether
Concen: 41.191 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

Tgt Ion:204 Resp: 258982
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 61.2 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

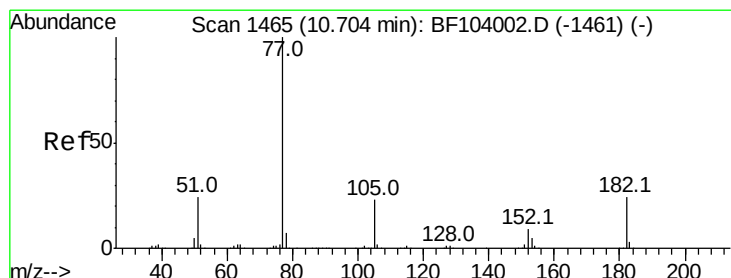
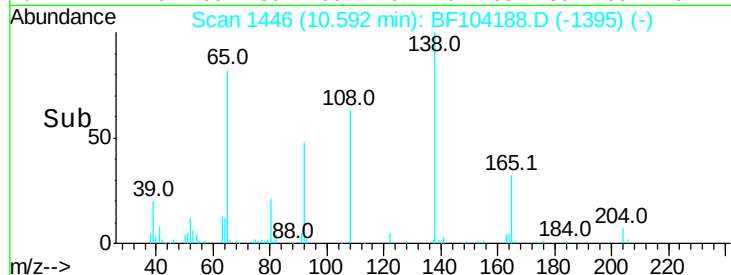
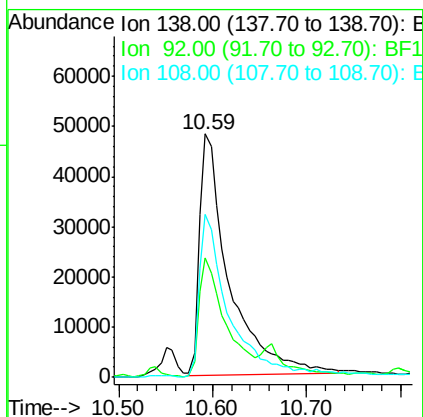
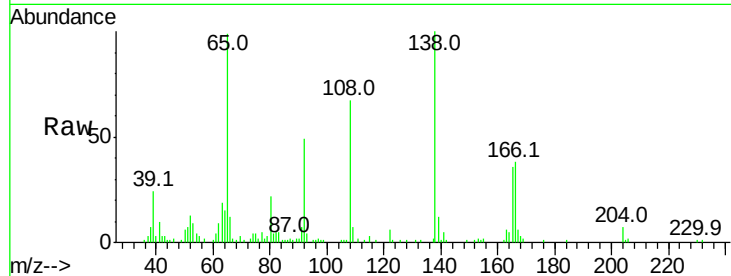




#61
4-Nitroaniline
Concen: 30.366 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

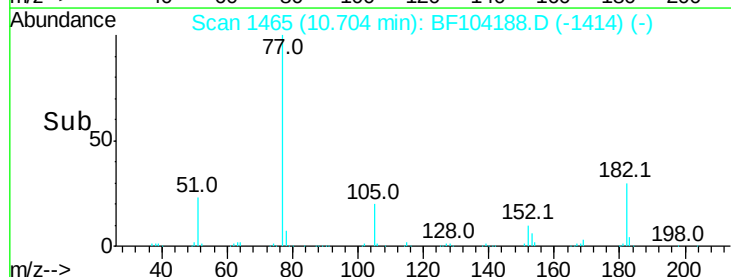
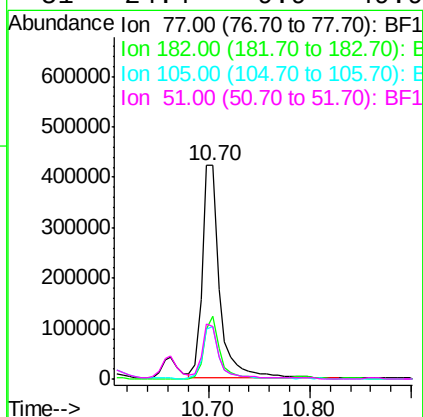
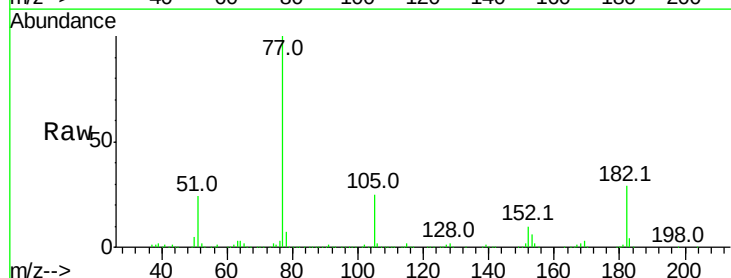
Instrument :
BNA_F
ClientSampled :

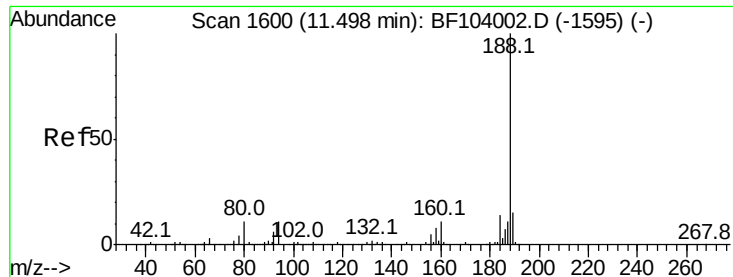
Tot Ion:138 Resp: 106265
Ion Ratio Lower Upper
138 100
92 48.9 30.2 70.2
108 66.9 52.5 92.5



#62
Azobenzene
Concen: 38.180 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

Tgt Ion: 77 Resp: 500140
Ion Ratio Lower Upper
77 100
182 29.5 1.7 41.7
105 24.8 3.0 43.0
51 24.4 9.9 49.9

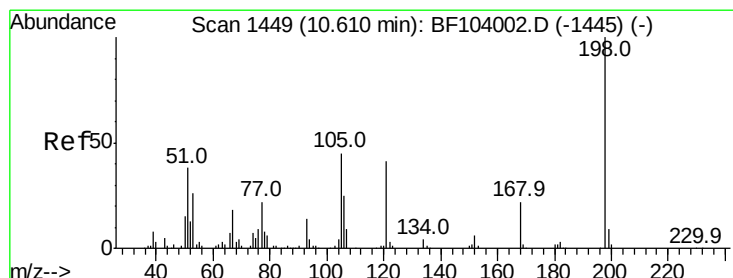
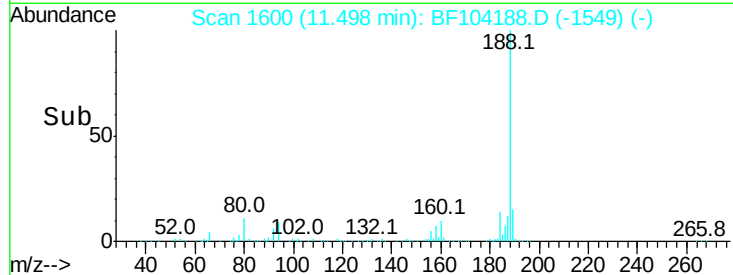
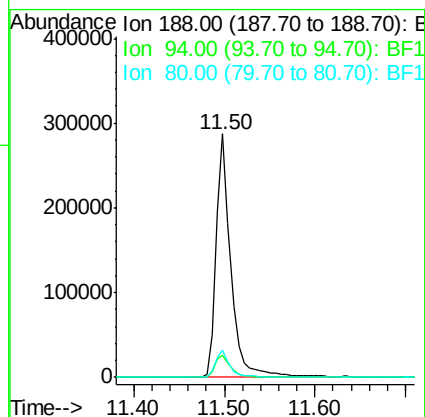
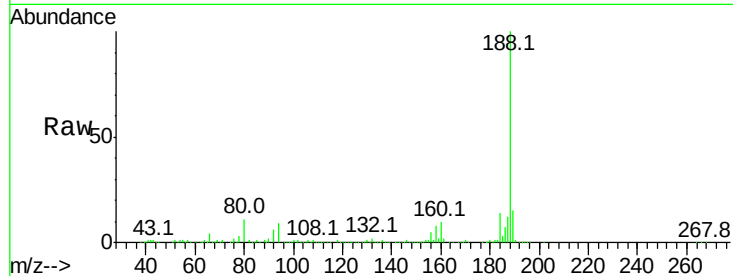




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

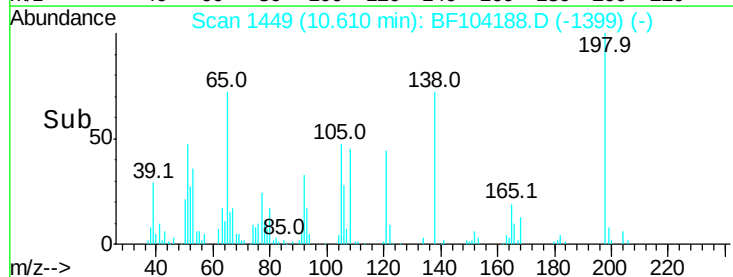
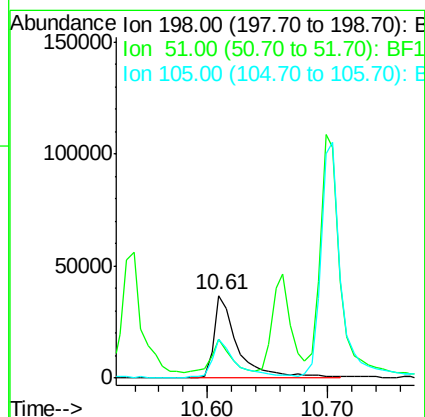
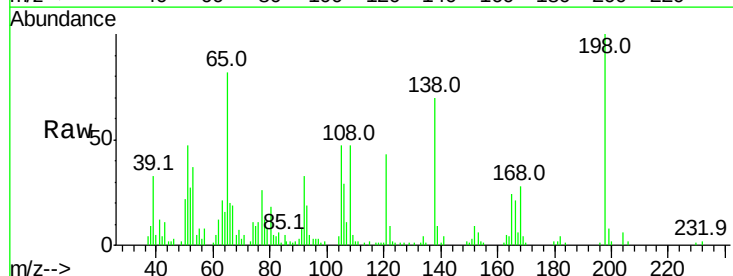
Instrument :
BNA_F
ClientSampleId :

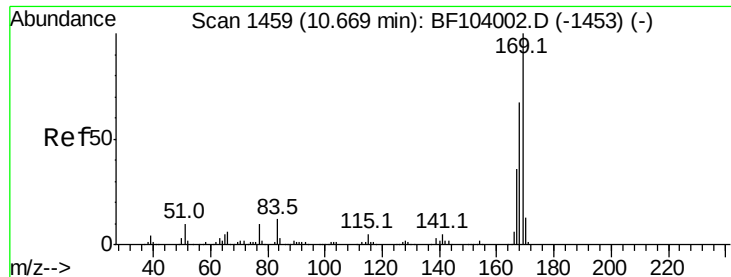
Tot Ion:188 Resp: 326788
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 11.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 25.380 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

Tgt Ion:198 Resp: 50204
Ion Ratio Lower Upper
198 100
51 47.1 37.7 77.7
105 47.0 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 43.131 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA_F

ClientSampleId :

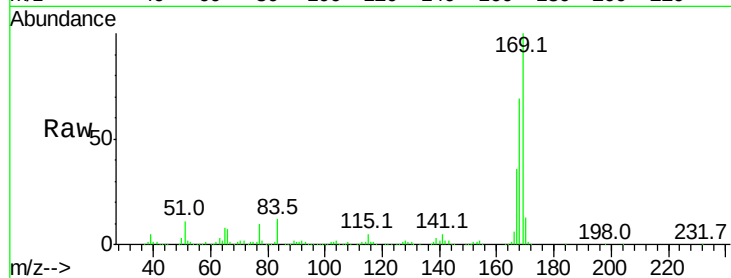
Tot Ion:169 Resp: 477343

Ion Ratio Lower Upper

169 100

168 68.6 54.4 81.6

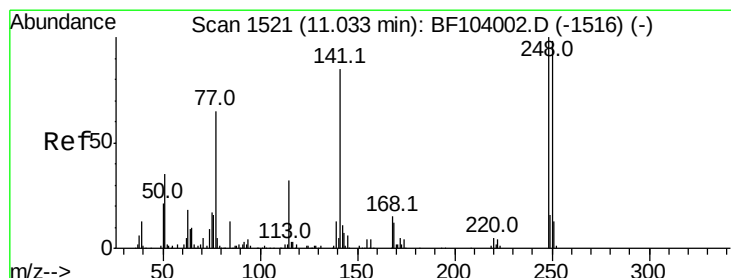
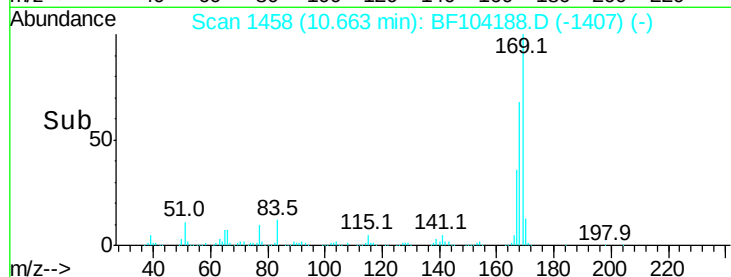
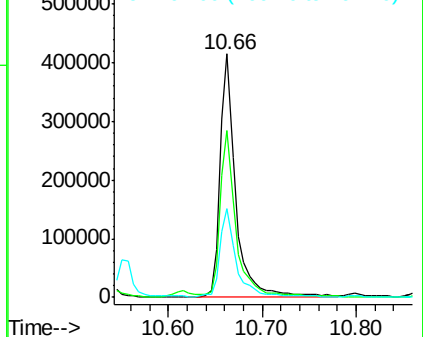
167 36.4 29.8 44.6



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: 42.264 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

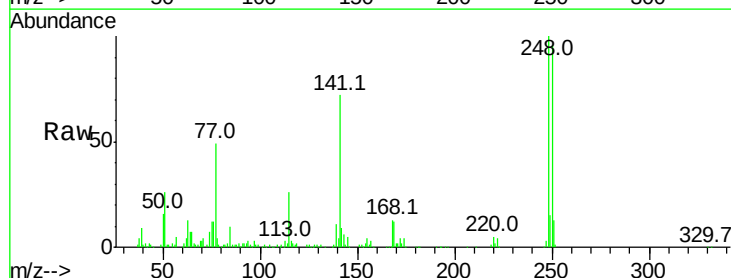
Tgt Ion:248 Resp: 147760

Ion Ratio Lower Upper

248 100

250 95.9 76.9 115.3

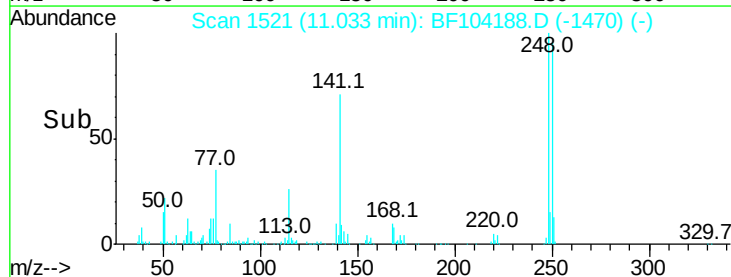
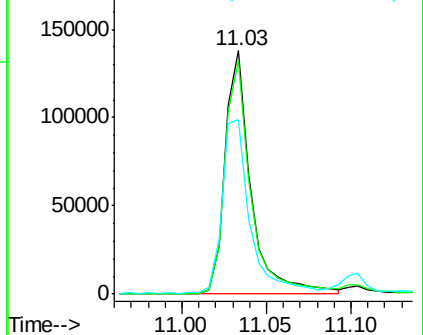
141 71.8 74.4 111.6#

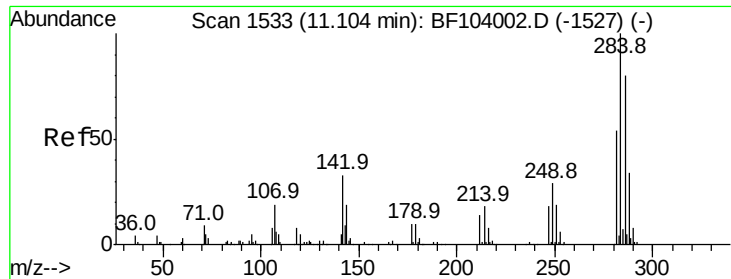


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

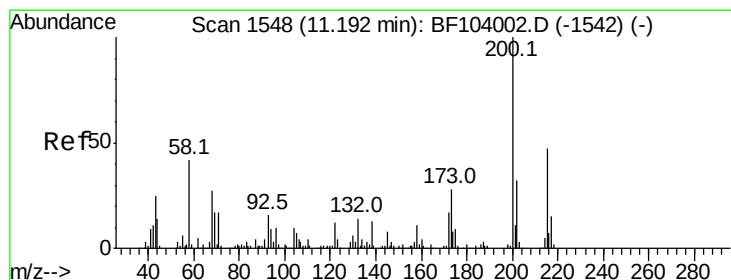
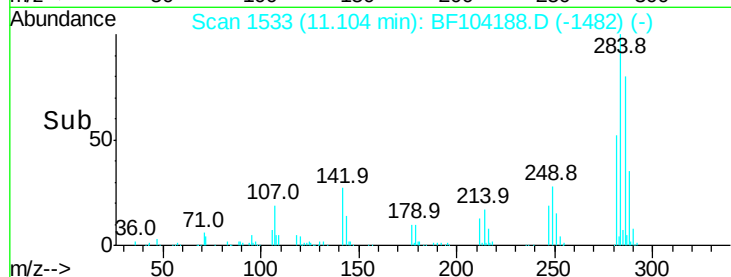
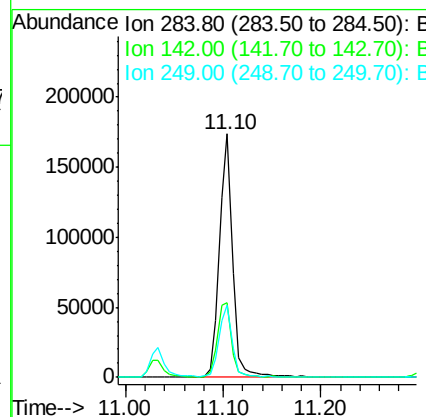
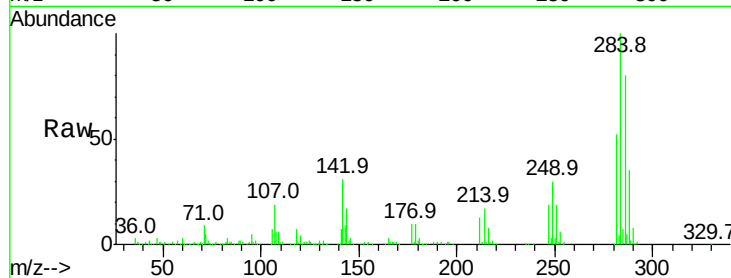




#67
Hexachlorobenzene
Concen: 40.705 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

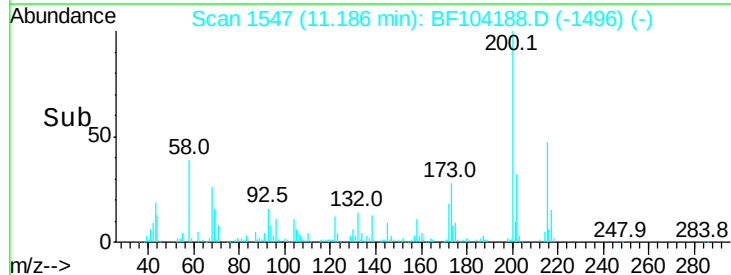
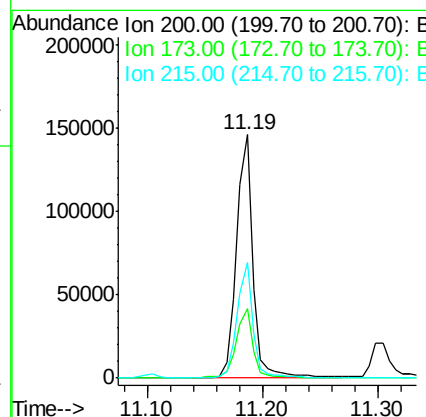
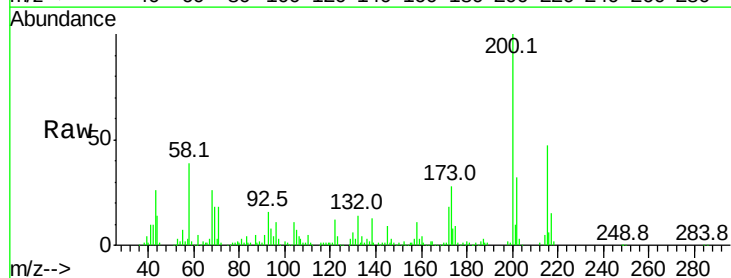
Instrument :
BNA_F
ClientSampleId :

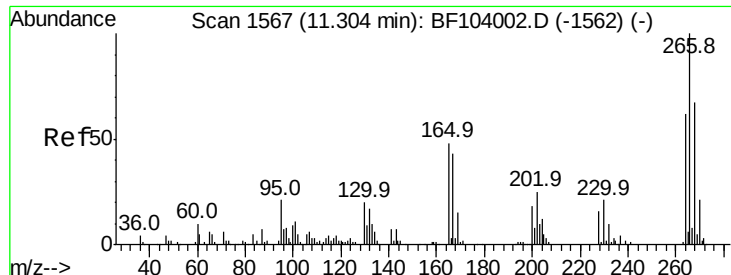
Tot Ion:284 Resp: 163703
Ion Ratio Lower Upper
284 100
142 30.8 34.6 52.0#
249 29.7 24.8 37.2



#68
Atrazine
Concen: 42.672 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

Tgt Ion:200 Resp: 144681
Ion Ratio Lower Upper
200 100
173 28.5 8.6 48.6
215 47.4 25.1 65.1

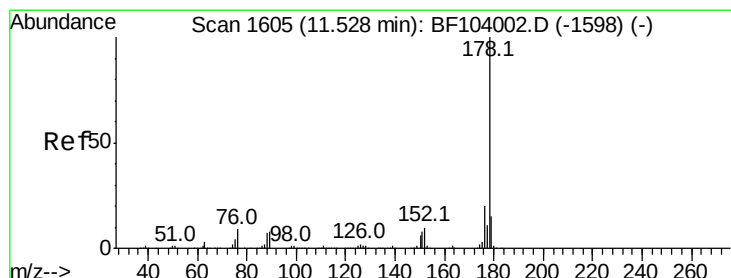
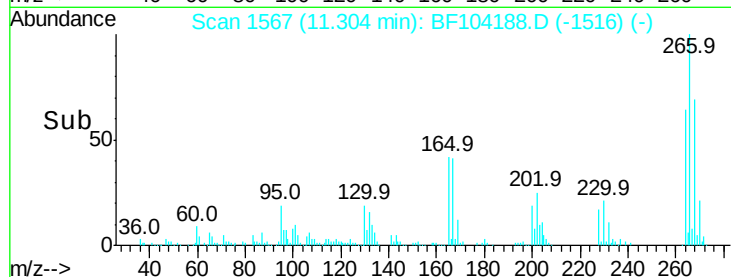
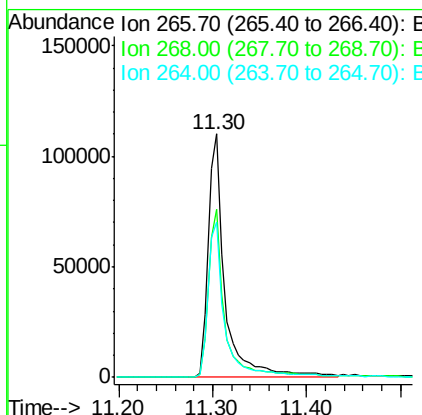
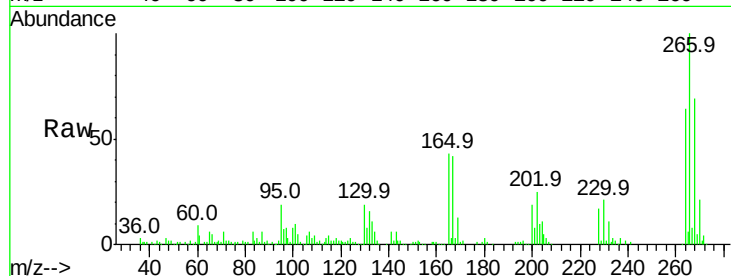




#69
 Pentachlorophenol
 Concen: 63.054 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

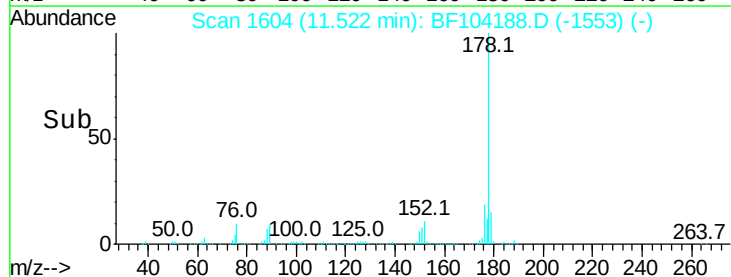
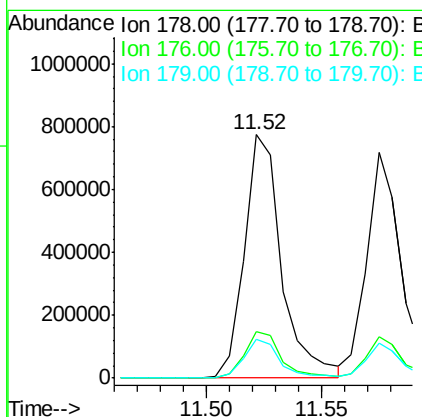
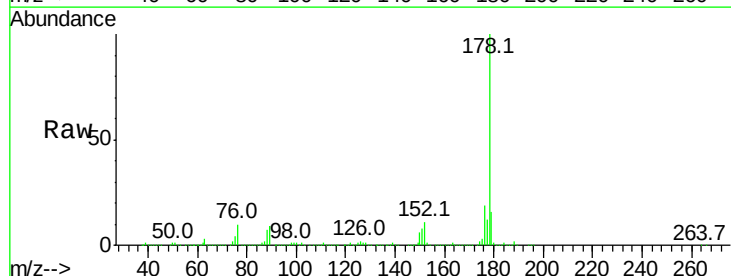
Instrument :
 BNA_F
 ClientSampled :

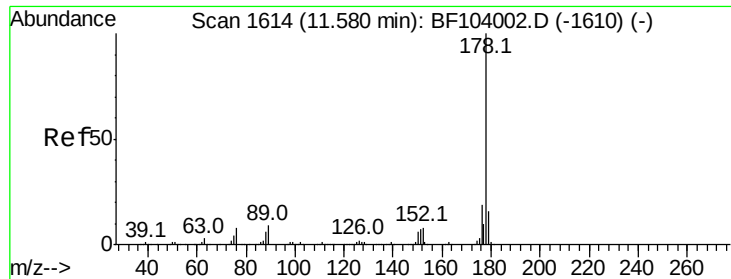
Tot Ion	Ratio	Lower	Upper
266	100		
268	68.8	51.1	76.7
264	63.6	49.5	74.3



#70
 Phenanthrene
 Concen: 49.414 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.8	13.0	19.6

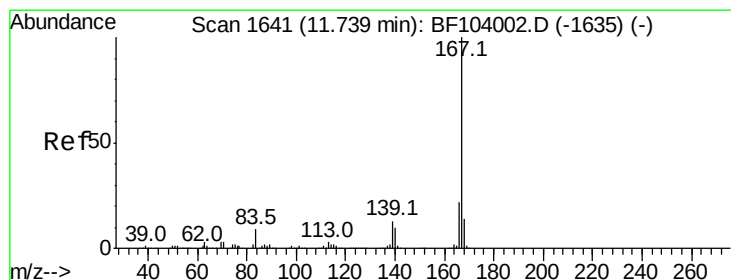
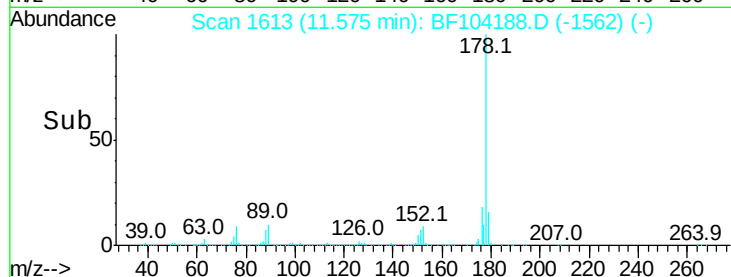
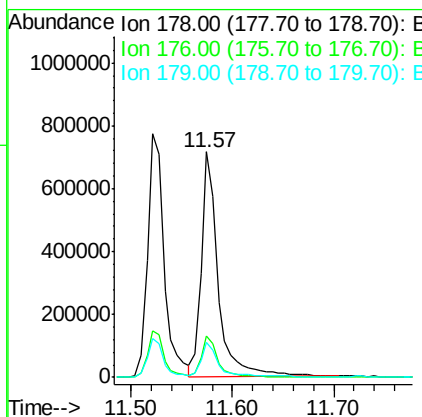
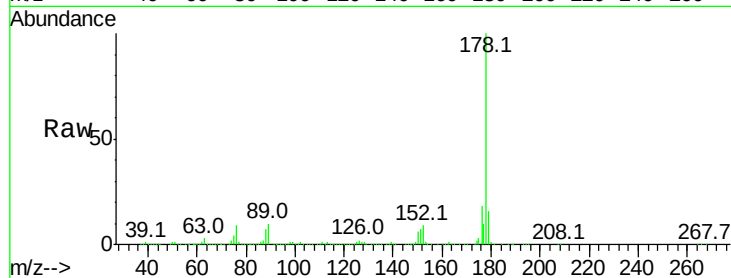




#71
 Anthracene
 Concen: 44.638 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

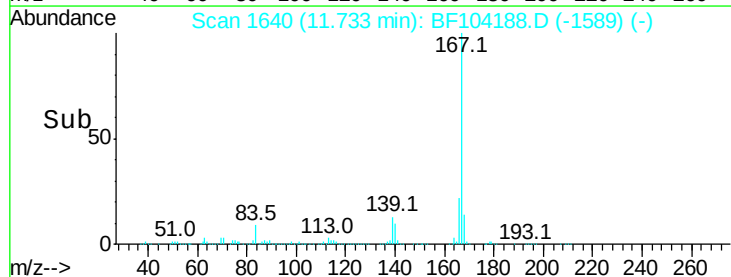
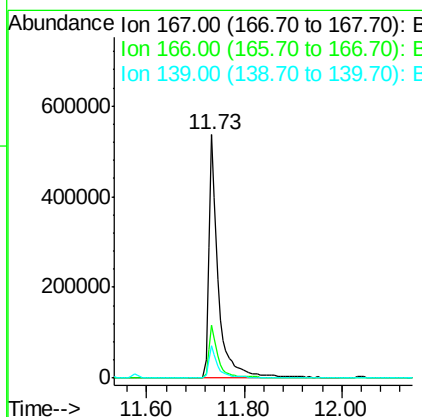
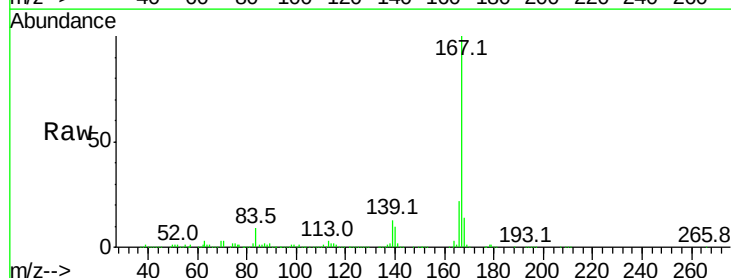
Instrument :
 BNA_F
 ClientSampleId :

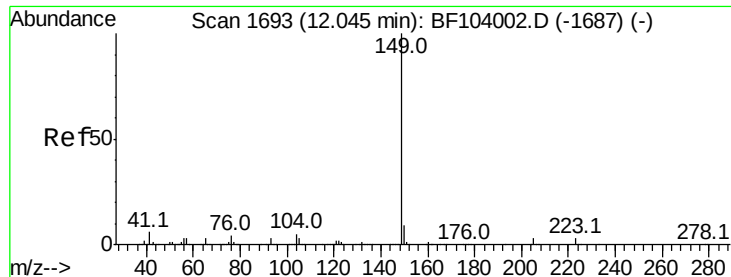
Tot Ion:178 Resp: 824931
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 41.142 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. 0.00 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

Tgt Ion:167 Resp: 725672
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.4 10.9 16.3

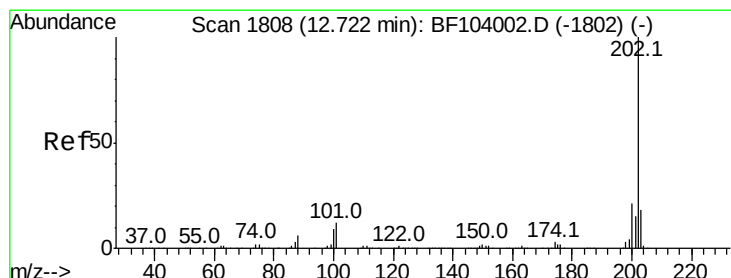
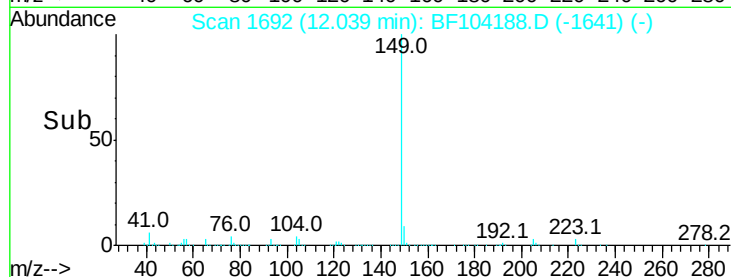
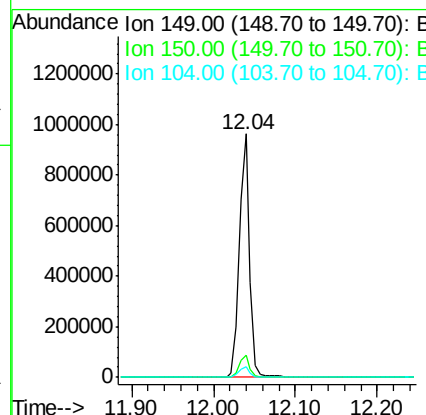
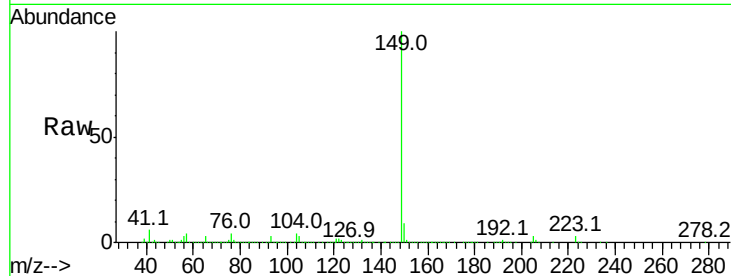




#73
Di-n-butylphthalate
Concen: 39.791 ng
RT: 12.04 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

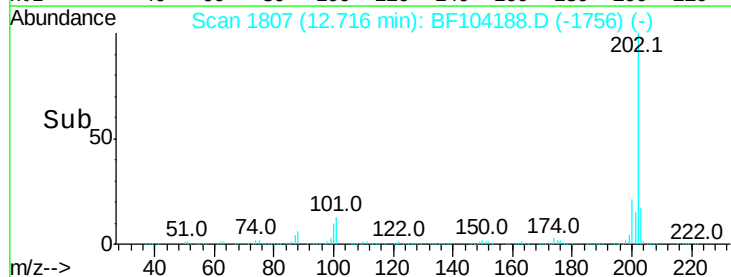
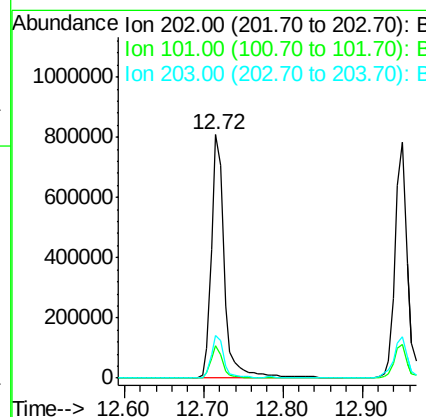
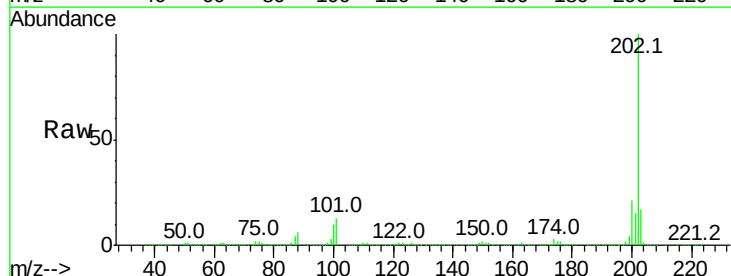
Instrument :
BNA_F
ClientSampleId :

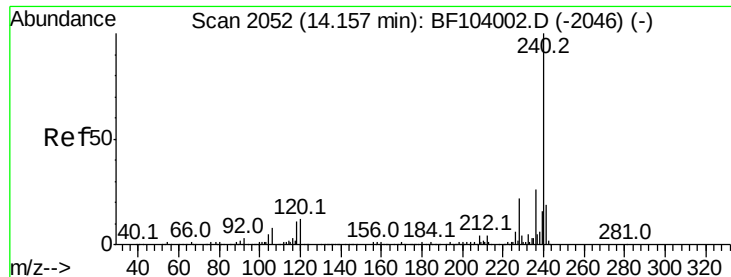
Tot Ion:149 Resp: 835997
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 49.251 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

Tgt Ion:202 Resp: 926233
Ion Ratio Lower Upper
202 100
101 13.2 0.0 34.1
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA_F

ClientSampleId :

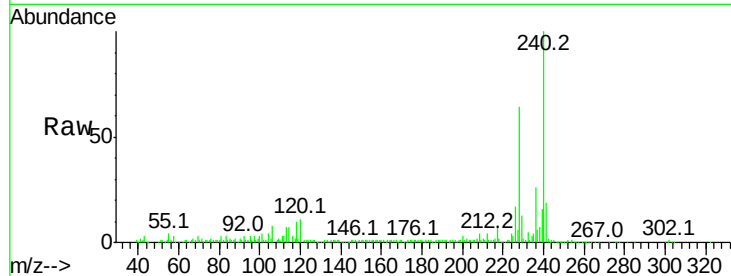
Tot Ion:240 Resp: 213012

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

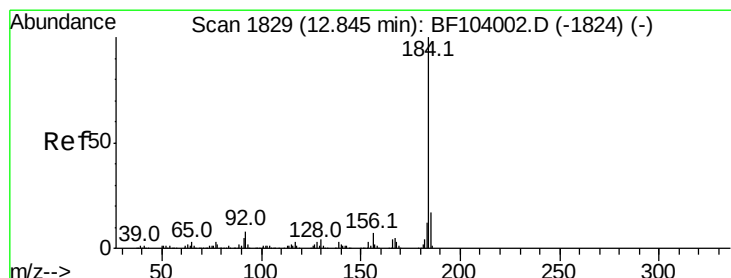
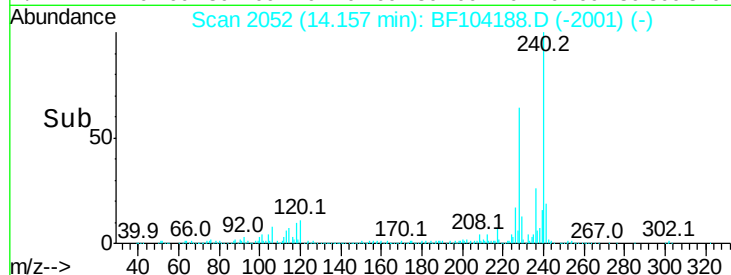
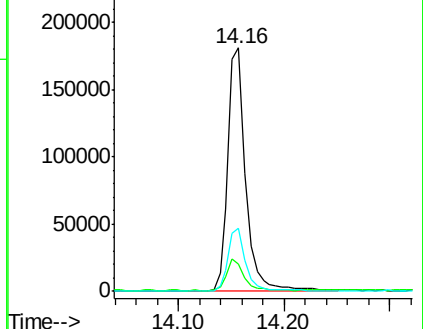
236 25.9 20.7 31.1



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: 30.715 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

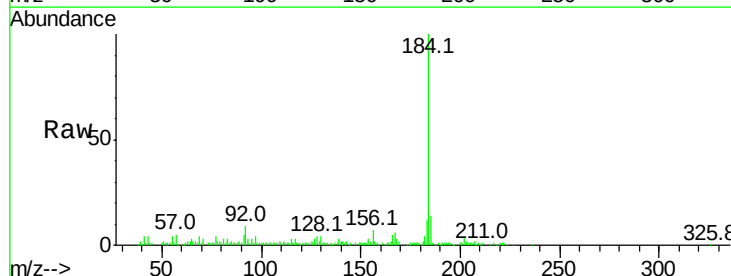
Tgt Ion:184 Resp: 186448

Ion Ratio Lower Upper

184 100

185 13.5 12.6 18.8

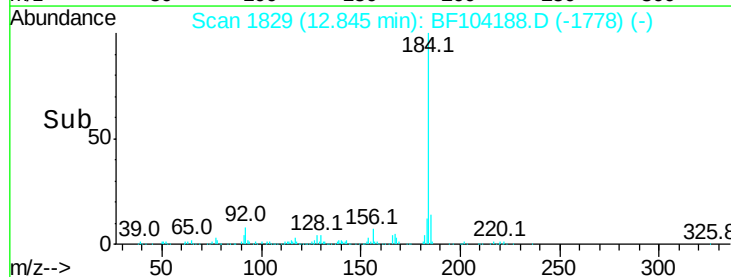
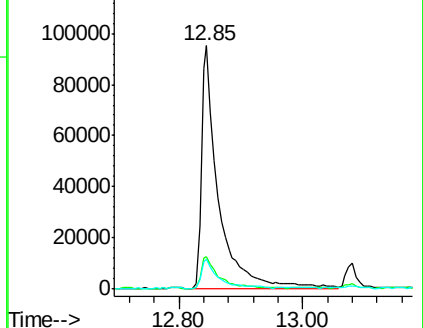
183 12.3 9.3 13.9

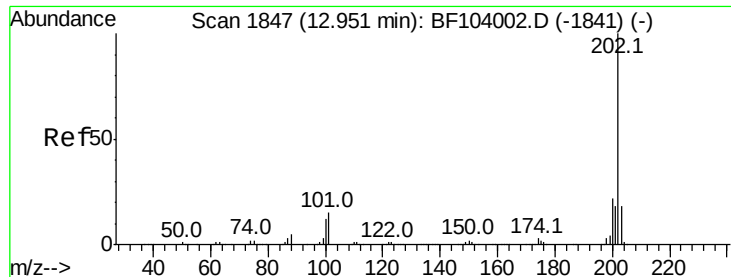


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

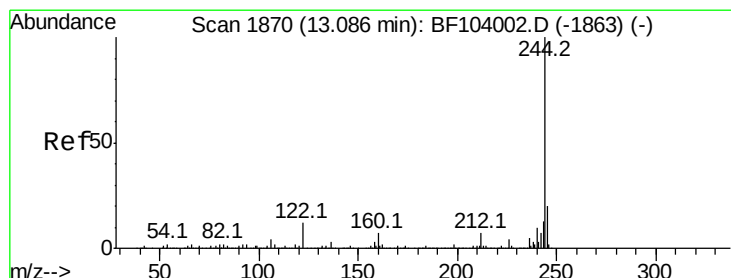
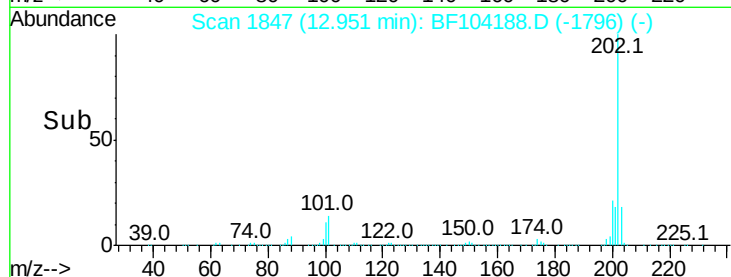
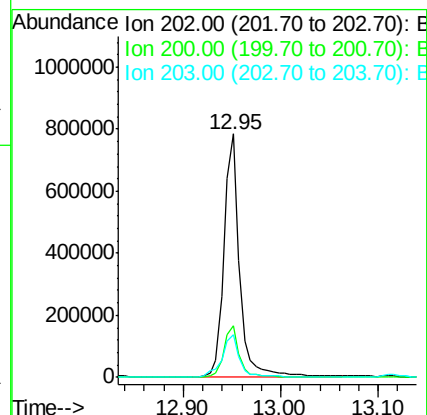
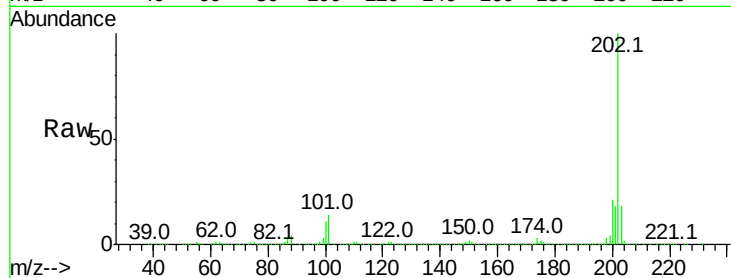




#77
Pvrene
Concen: 56.789 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

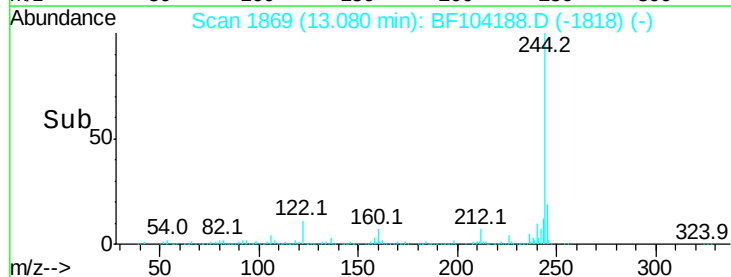
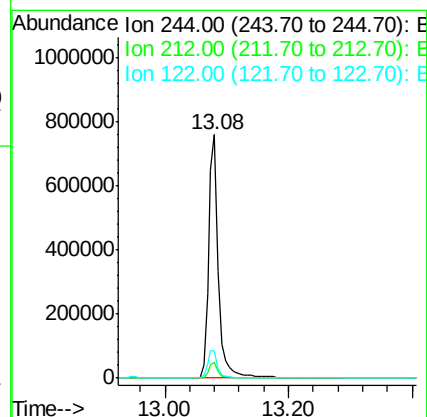
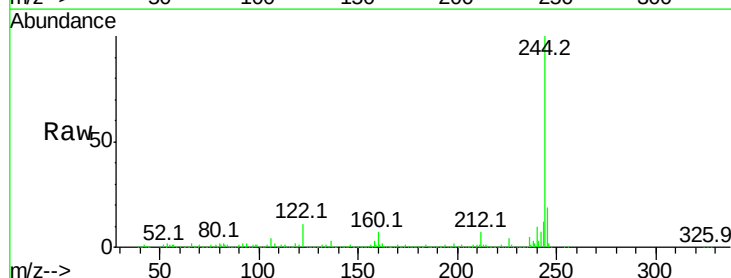
Instrument :
BNA_F
ClientSampleId :

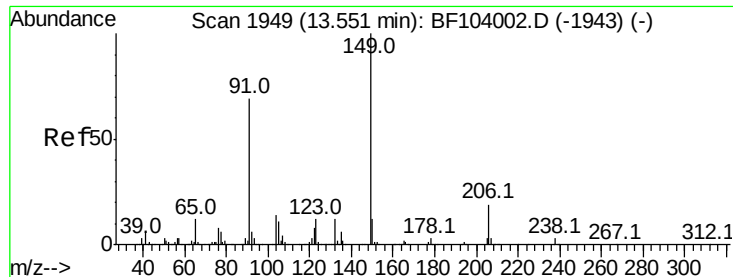
Tot Ion:202 Resp: 869577
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 17.8 14.3 21.5



#78
Terphenyl-d14
Concen: 91.348 ng
RT: 13.08 min Scan# 1869
Delta R.T. 0.00 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

Tgt Ion:244 Resp: 842728
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 11.4 11.0 16.4

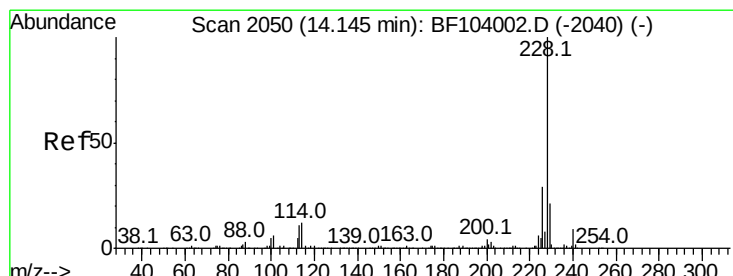
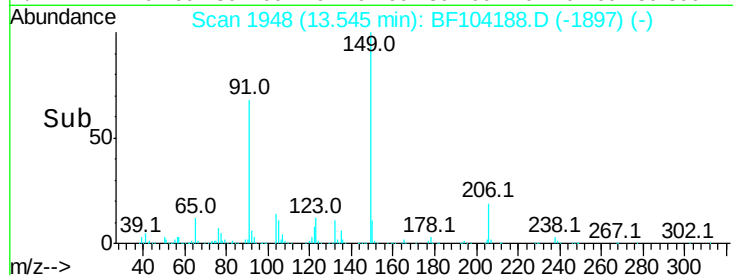
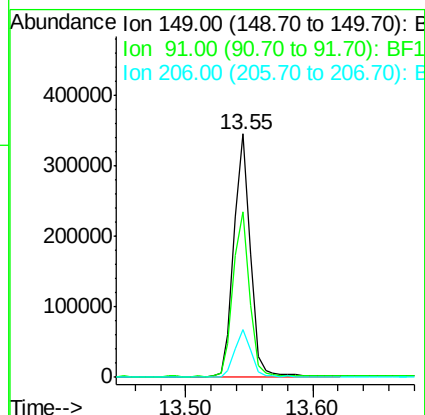
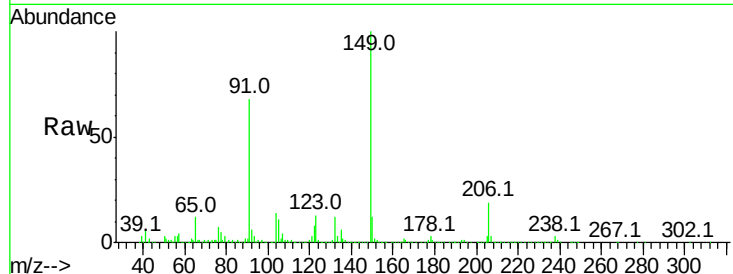




#79
Butylbenzylphthalate
Concen: 42.163 ng
RT: 13.55 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

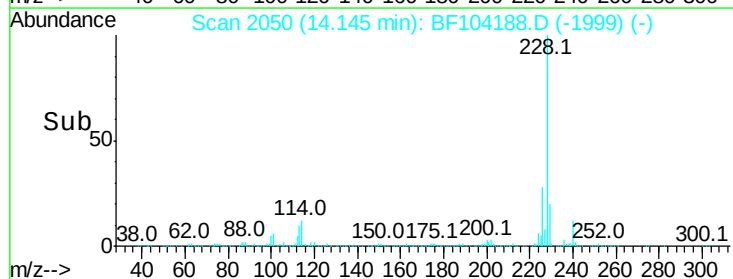
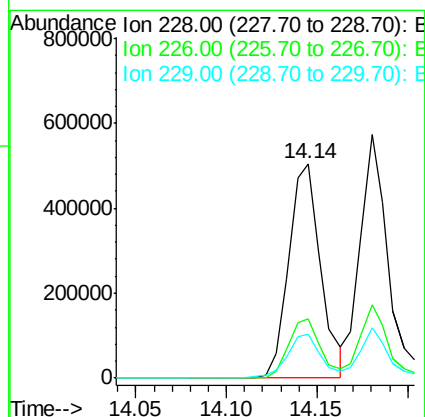
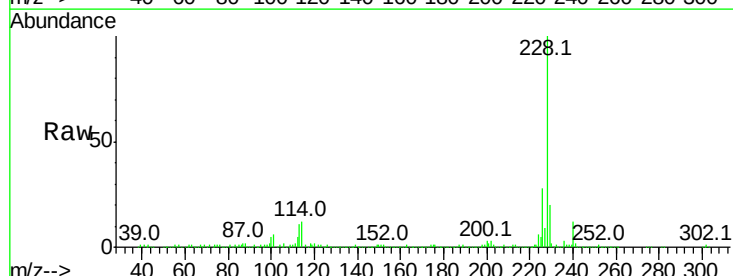
Instrument :
BNA_F
ClientSampleId :

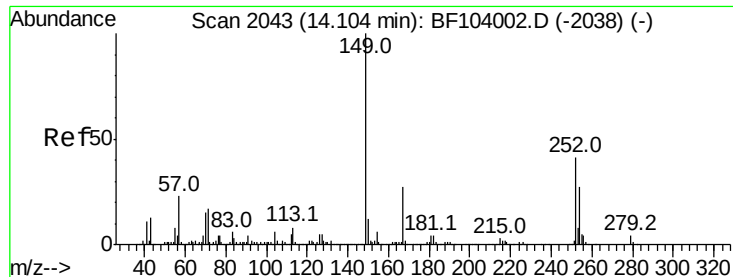
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.0	56.8	85.2
206	19.5	14.1	21.1



#80
Benzo(a)anthracene
Concen: 46.662 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.3	15.8	23.6

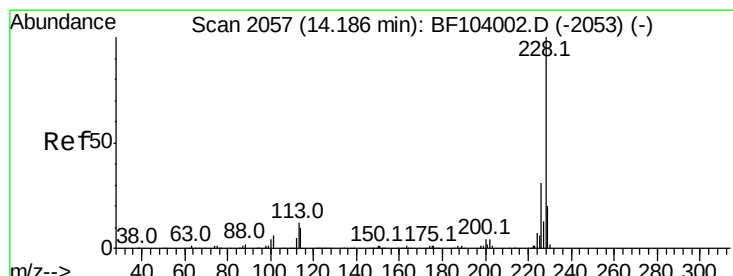
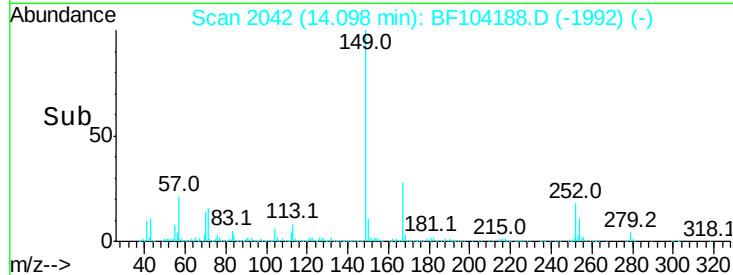
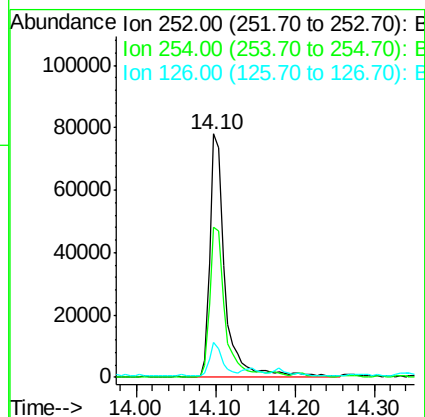
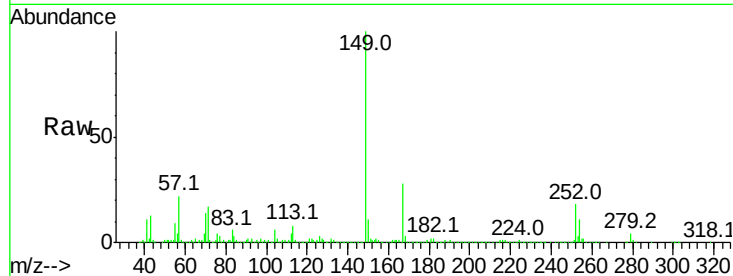




#81
 3,3'-Dichlorobenzidine
 Concen: 23.918 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

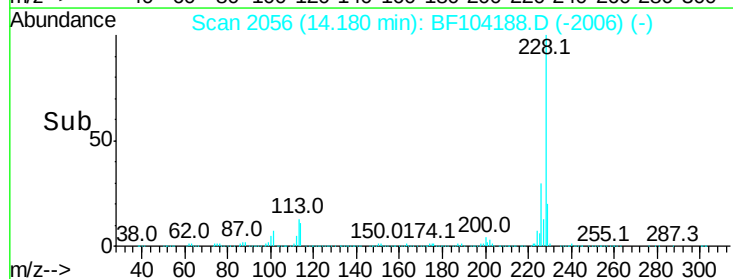
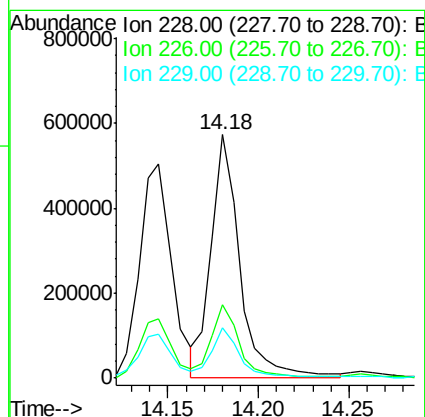
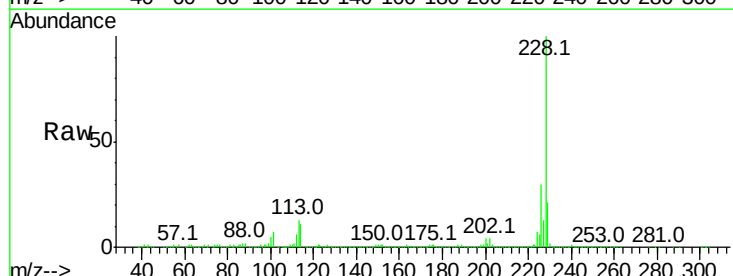
Instrument :
 BNA_F
 ClientSampleId :

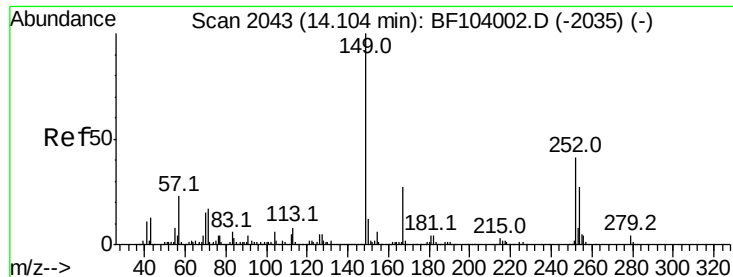
Tot Ion:252 Resp: 105522
 Ion Ratio Lower Upper
 252 100
 254 61.7 50.4 75.6
 126 14.3 11.3 16.9



#82
 Chrysene
 Concen: 48.709 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BF104188.D
 Acq: 3 Apr 2018 19:19

Tgt Ion:228 Resp: 635883
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.0 37.6
 229 20.5 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.356 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA_F

ClientSampleId :

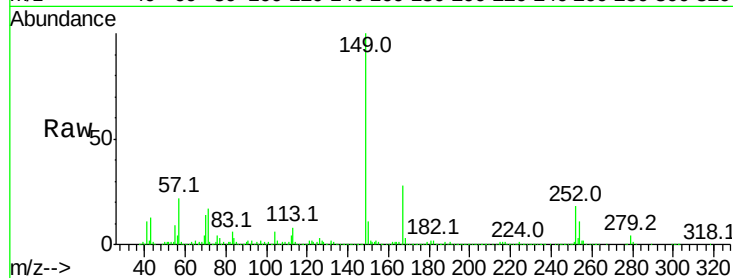
Tot Ion:149 Resp: 404130

Ion Ratio Lower Upper

149 100

167 27.8 21.3 31.9

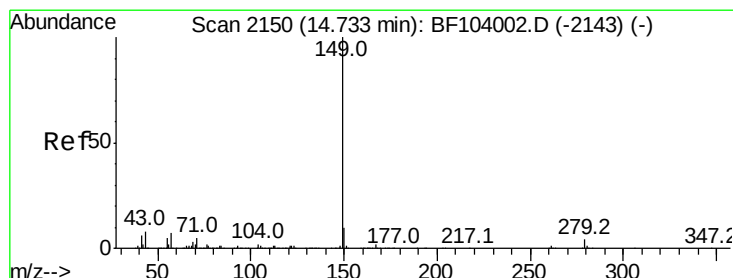
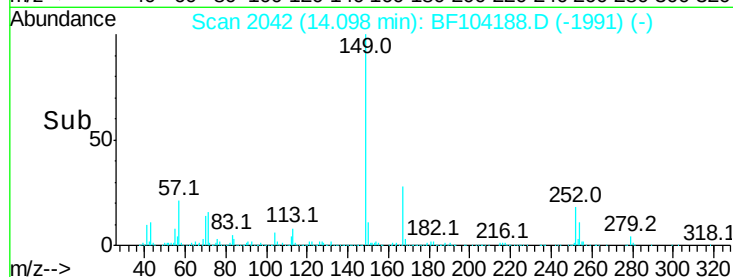
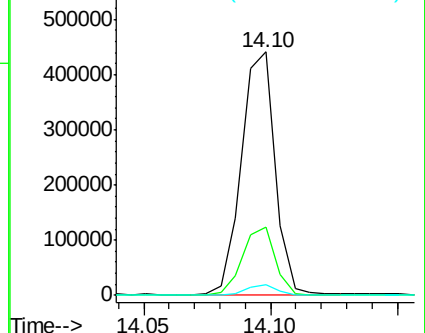
279 4.1 3.0 4.4



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: 42.209 ng

RT: 14.72 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

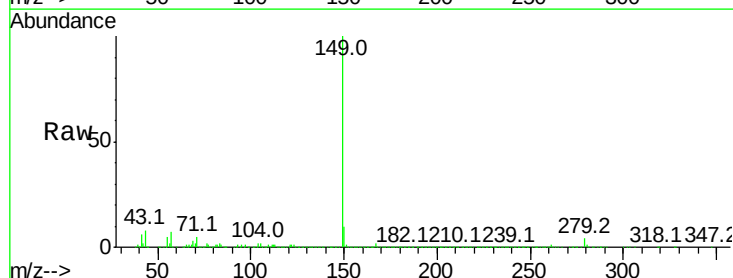
Tgt Ion:149 Resp: 676775

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

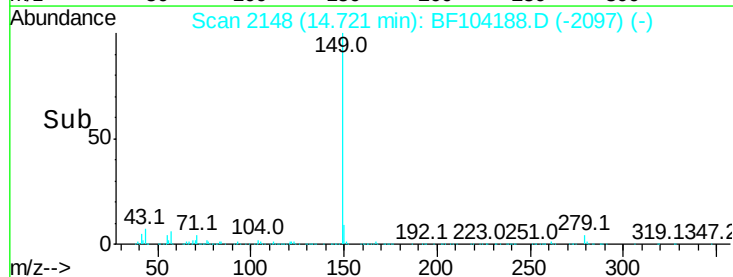
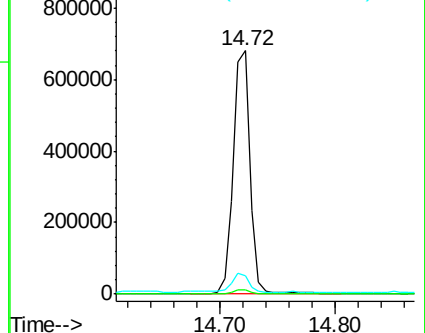
43 7.7 8.4 12.6#

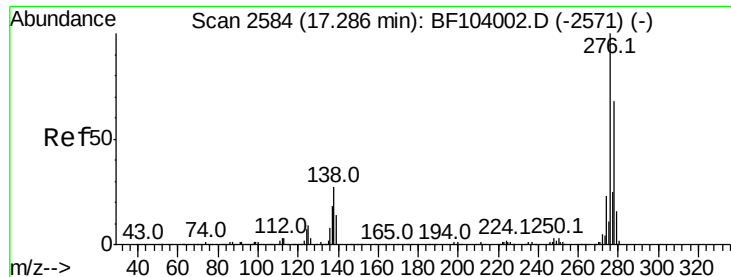


Abundance Ion 149.00 (148.70 to 149.70): E

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: 52.508 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA_F

ClientSampleId :

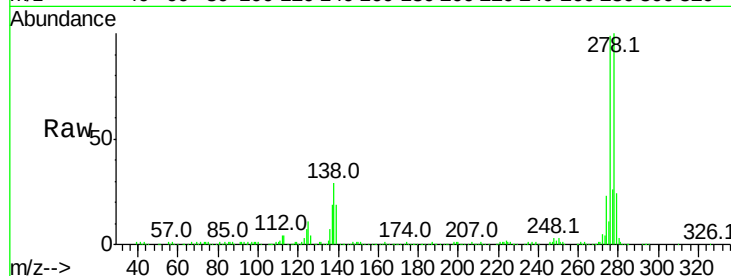
Tot Ion:276 Resp: 710332

Ion Ratio Lower Upper

276 100

138 27.0 25.0 37.6

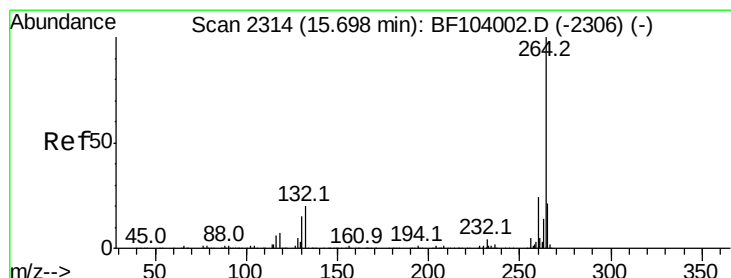
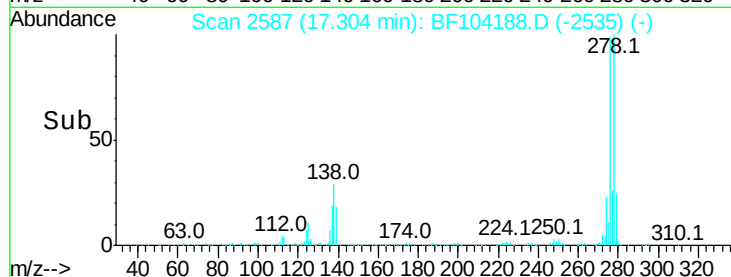
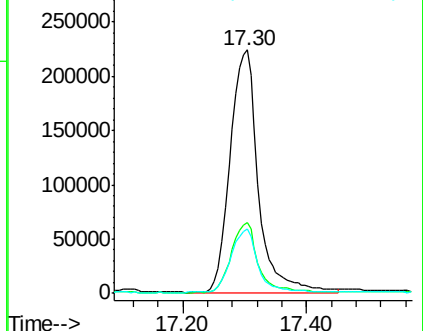
277 25.4 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

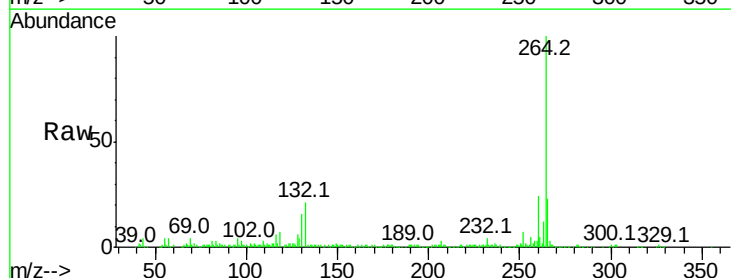
Tgt Ion:264 Resp: 225431

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

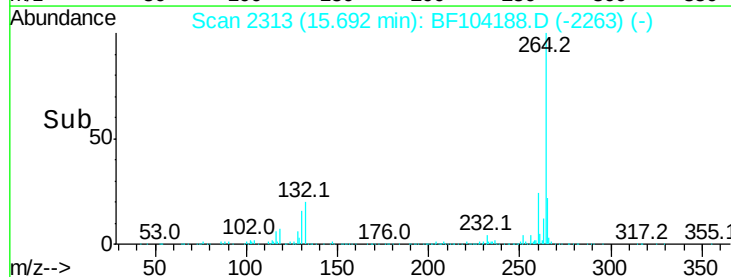
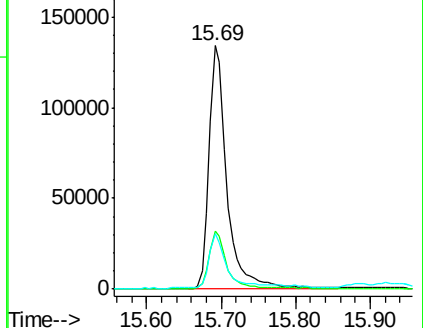
265 22.7 17.5 26.3

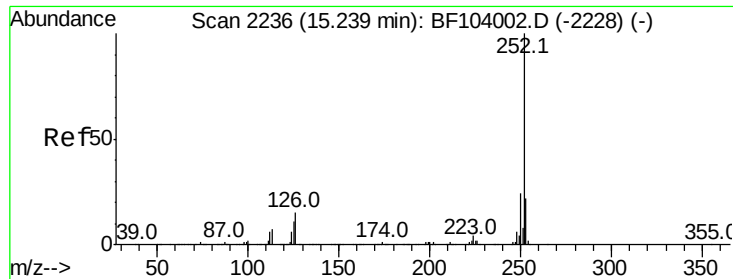


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

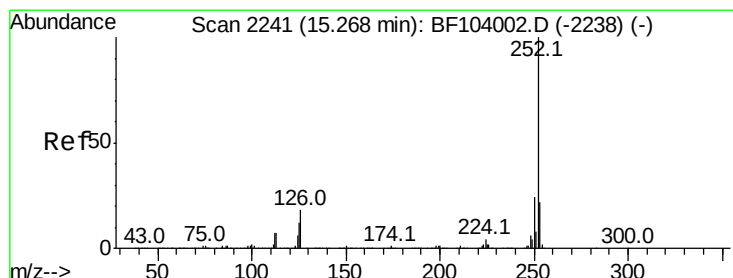
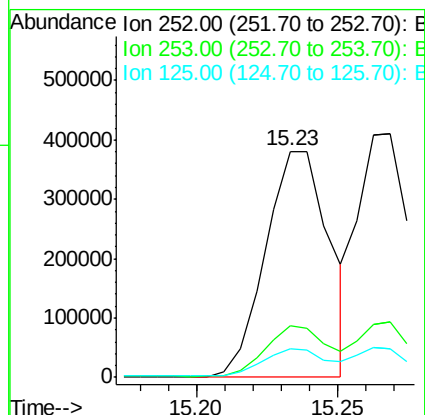
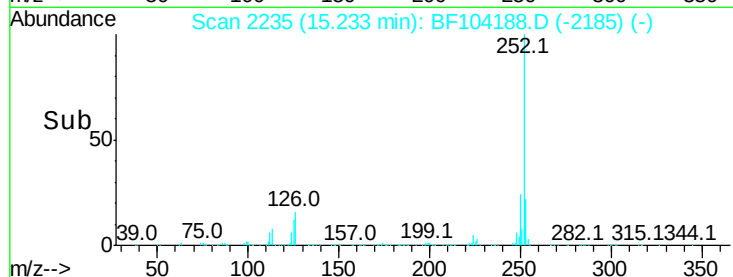
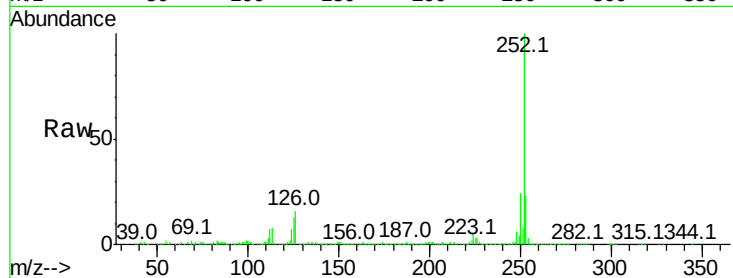




#87
Benzo(b)fluoranthene
Concen: 43.381 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

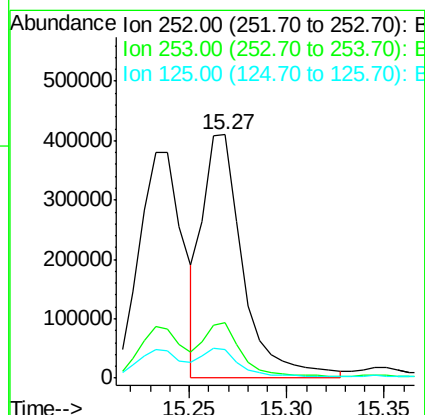
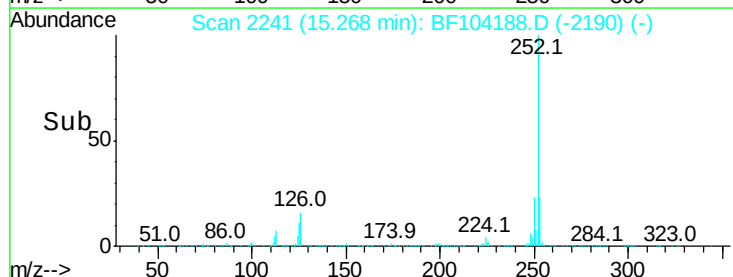
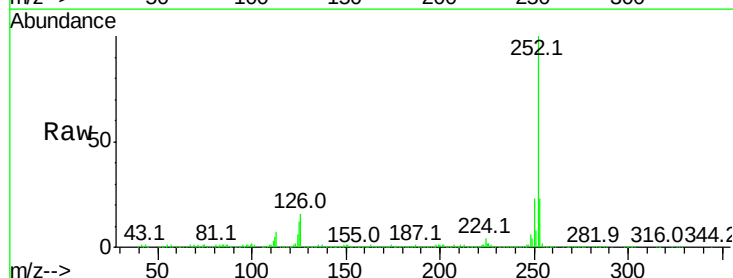
Instrument :
BNA_F
ClientSampled :

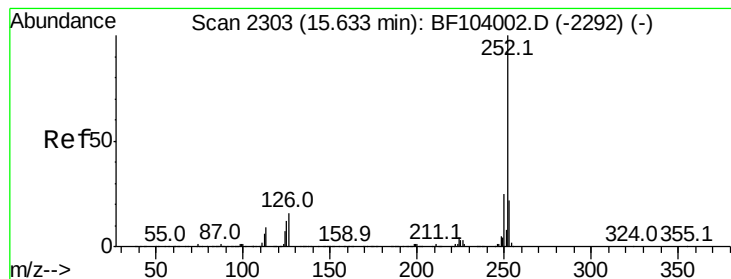
Tot Ion:252 Resp: 595162
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 12.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 45.454 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF104188.D
Acq: 3 Apr 2018 19:19

Tgt Ion:252 Resp: 587442
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 11.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 45.956 ng

RT: 15.63 min Scan# 2303

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA_F

ClientSampleId :

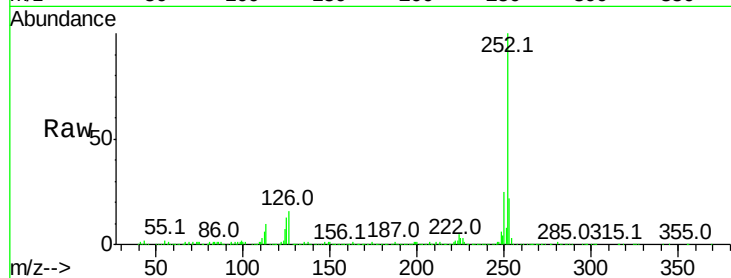
Tot Ion:252 Resp: 584271

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

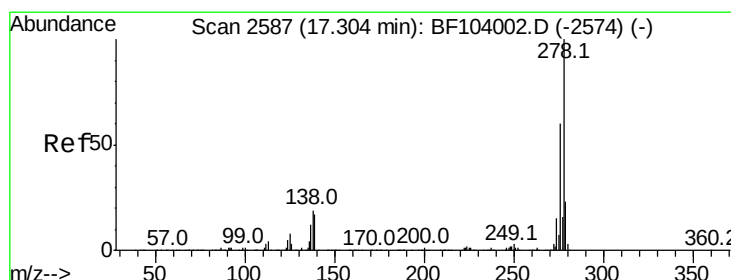
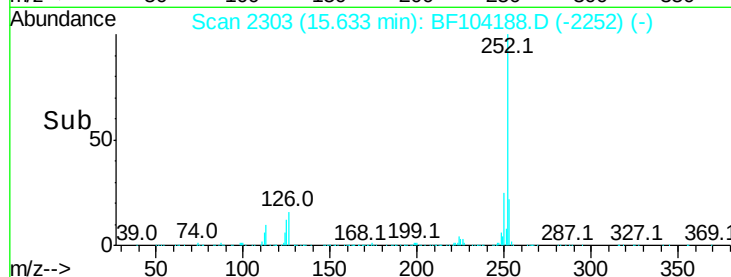
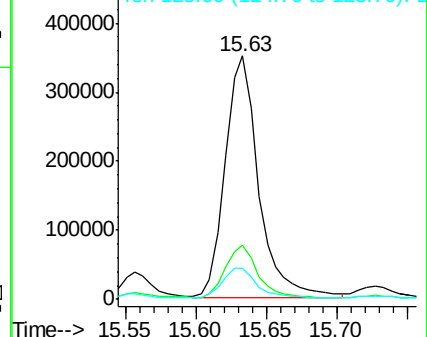
125 12.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.786 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

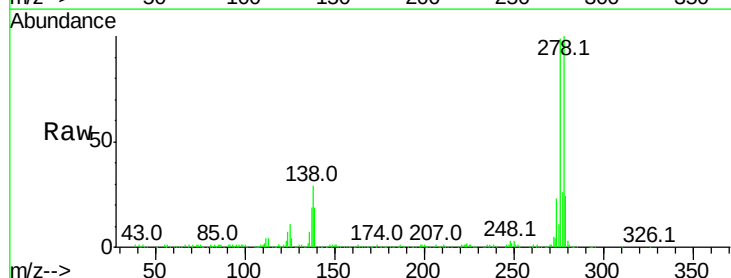
Tgt Ion:278 Resp: 549958

Ion Ratio Lower Upper

278 100

139 18.6 15.9 23.9

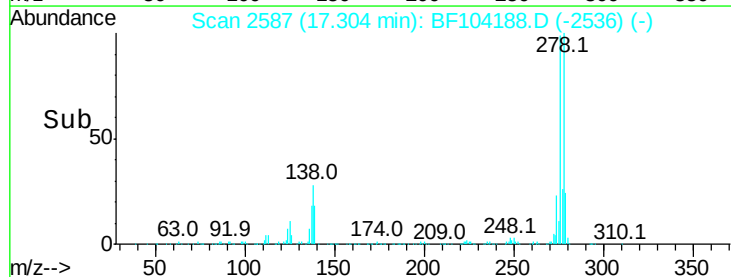
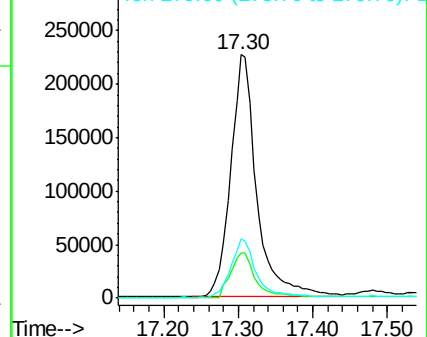
279 24.5 19.0 28.4

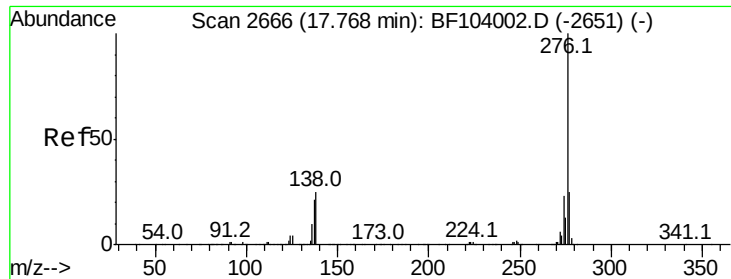


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 52.350 ng

RT: 17.78 min Scan# 2668

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA_F

ClientSampleId :

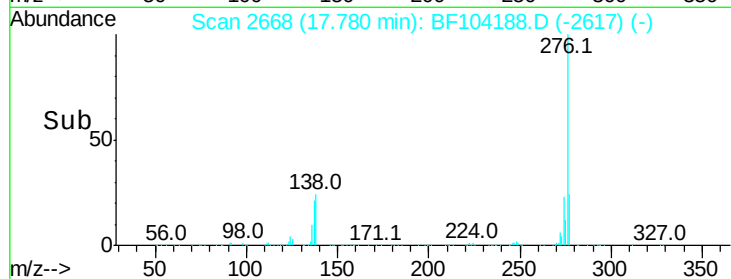
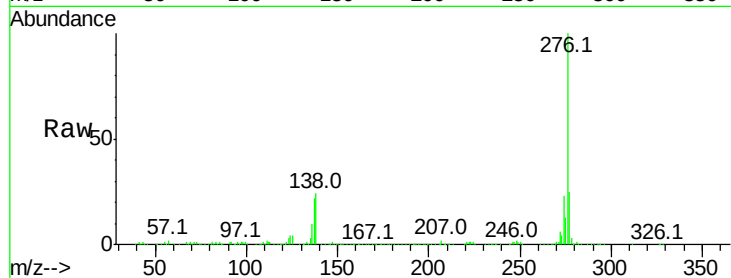
Tot Ion:276 Resp: 616351

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 24.0 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

