

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104787.D
 Acq On : 25 Apr 2018 14:32
 Operator : JU/SJ
 Sample : J247-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 08:10:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	105961	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	462008	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	226826	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	426986	20.00	ng	0.00
75) Chrysene-d12	13.99	240	259610	20.00	ng	0.00
86) Perylene-d12	15.45	264	229331	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	465845	67.22	ng	0.00
7) Phenol-d6	6.44	99	411156	48.29	ng	0.00
23) Nitrobenzene-d5	7.37	82	758967	107.27	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	355617	151.14	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1408110	98.07	ng	0.00
78) Terphenyl-d14	12.93	244	1388031	121.89	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.53	88	46605	14.433	ng	90
3) Pyridine	3.28	79	97813	10.774	ng	85
4) n-Nitrosodimethylamine	3.21	42	53712	16.925	ng	# 86
6) Aniline	6.46	93	123399	10.432	ng	92
8) 2-Chlorophenol	6.59	128	288321	39.419	ng	91
9) Benzaldehyde	6.35	77	165544	37.717	ng	96
10) Phenol	6.45	94	151218	16.738	ng	90
11) bis(2-Chloroethyl)ether	6.54	93	316139	43.851	ng	93
12) 1,3-Dichlorobenzene	6.74	146	344749	41.605	ng	99
13) 1,4-Dichlorobenzene	6.82	146	353324	42.776	ng	100
14) 1,2-Dichlorobenzene	6.97	146	332085	43.385	ng	98
15) Benzyl Alcohol	6.95	79	193945	29.990	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	380341	39.284	ng	63
17) 2-Methylphenol	7.06	107	232626	36.588	ng	# 93
18) Hexachloroethane	7.31	117	128375	43.591	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	242887	43.654	ng	91
20) 3+4-Methylphenols	7.22	107	255353	32.383	ng	# 49
22) Acetophenone	7.22	105	486847	42.802	ng	# 100
24) Nitrobenzene	7.39	77	366912	46.970	ng	96
25) Isophorone	7.63	82	694600	46.425	ng	98
26) 2-Nitrophenol	7.70	139	194897	61.285	ng	96
27) 2,4-Dimethylphenol	7.75	122	305532	46.271	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	437125	47.784	ng	99
29) 2,4-Dichlorophenol	7.95	162	289292	45.917	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	308473	44.613	ng	99
31) Naphthalene	8.11	128	1010770	43.936	ng	99
32) Benzoic acid	7.83	122	20504	3.892	ng	96
33) 4-Chloroaniline	8.16	127	82489	8.369	ng	97
34) Hexachlorobutadiene	8.22	225	169168	44.667	ng	99
35) Caprolactam	8.54	113	10512	4.783	ng	# 77
36) 4-Chloro-3-methylphenol	8.65	107	316151	46.798	ng	99
37) 2-Methylnaphthalene	8.80	142	696987	46.837	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	313658	48.307	ng	100
40) Hexachlorocyclopentadiene	8.95	237	208094	57.247	ng	98

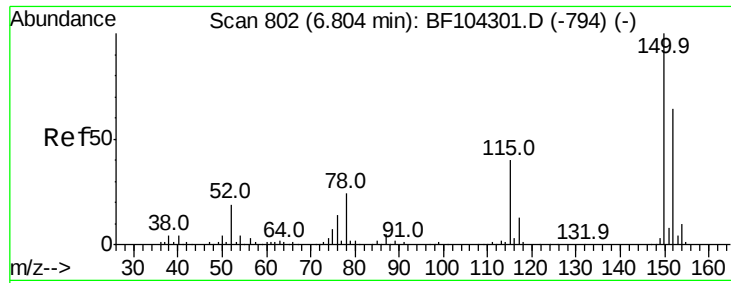
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
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 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	215914	47.902	ng	98
43) 2,4,5-Trichlorophenol	9.13	196	231819	45.960	ng	98
45) 1,1'-Biphenyl	9.27	154	857163	44.984	ng	98
46) 2-Chloronaphthalene	9.29	162	674206	44.795	ng	98
47) 2-Nitroaniline	9.40	65	204745	55.008	ng	88
48) Acenaphthylene	9.71	152	1004451	42.535	ng	100
49) Dimethylphthalate	9.57	163	882869	49.358	ng	100
50) 2,6-Dinitrotoluene	9.64	165	184817	55.840	ng	97
51) Acenaphthene	9.88	154	596718	41.416	ng	99
52) 3-Nitroaniline	9.80	138	62792	16.205	ng	99
53) 2,4-Dinitrophenol	9.92	184	96737	73.532	ng	# 22
54) Dibenzofuran	10.05	168	894037	44.526	ng	95
55) 4-Nitrophenol	9.98	139	98998	32.525	ng	98
56) 2,4-Dinitrotoluene	10.05	165	238252	54.878	ng	# 95
57) Fluorene	10.40	166	730477	49.981	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	185473	49.289	ng	93
59) Diethylphthalate	10.27	149	860659	48.313	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	343827	52.825	ng	98
61) 4-Nitroaniline	10.43	138	179788	47.454	ng	99
62) Azobenzene	10.55	77	760929	44.709	ng	97
64) 4,6-Dinitro-2-methylphenol	10.46	198	90291	44.120	ng	84
65) n-Nitrosodiphenylamine	10.51	169	669288	45.208	ng	99
66) 4-Bromophenyl-phenylether	10.87	248	219902	48.418	ng	97
67) Hexachlorobenzene	10.95	284	244335	47.811	ng	94
68) Atrazine	11.04	200	231339	51.768	ng	98
69) Pentachlorophenol	11.15	266	181410	57.380	ng	97
70) Phenanthrene	11.36	178	1073955	45.165	ng	99
71) Anthracene	11.42	178	1099120	45.472	ng	100
72) Carbazole	11.57	167	988093	41.834	ng	99
73) Di-n-butylphthalate	11.89	149	1326407	45.972	ng	99
74) Fluoranthene	12.56	202	1047269	42.154	ng	95
76) Benzidine	12.67	184	239434	23.833	ng	97
77) Pyrene	12.79	202	1028626	53.454	ng	99
79) Butylbenzylphthalate	13.39	149	528453	58.291	ng	98
80) Benzo(a)anthracene	13.97	228	789433	50.900	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	122955	21.262	ng	99
82) Chrysene	14.02	228	738700	46.370	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	733051	62.864	ng	100
84) Di-n-octyl phthalate	14.57	149	1090224	55.954	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.93	276	667724	49.341	ng	94
87) Benzo(b)fluoranthene	15.03	252	673309	46.486	ng	99
88) Benzo(k)fluoranthene	15.06	252	650028	47.536	ng	98
89) Benzo(a)pyrene	15.39	252	624744	48.207	ng	98
90) Dibenzo(a,h)anthracene	16.94	278	562342	52.833	ng	96
91) Benzo(g,h,i)perylene	17.37	276	549967	53.332	ng	93

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

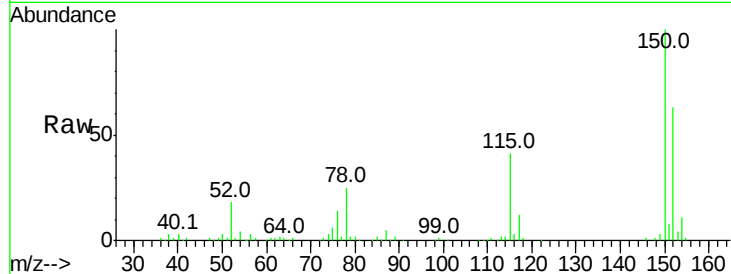


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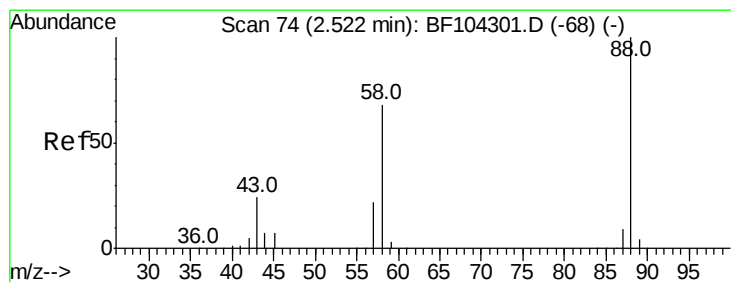
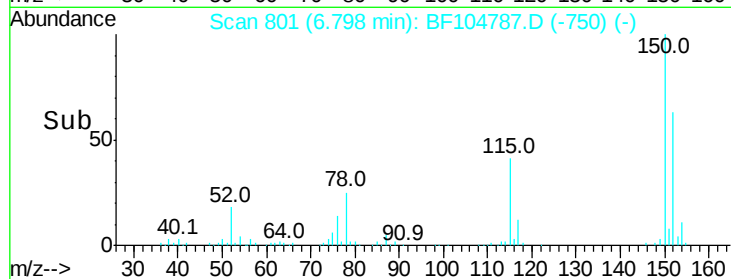
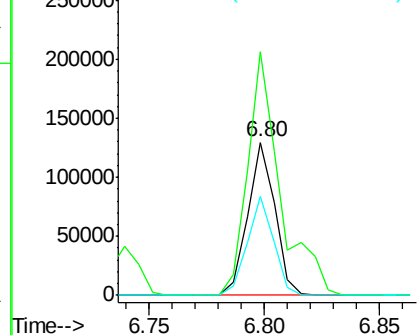
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105961
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 64.5 50.1 75.1



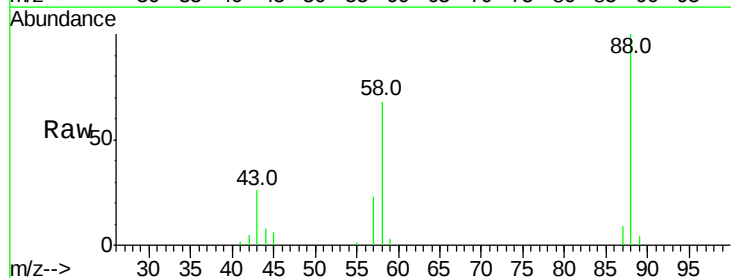
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



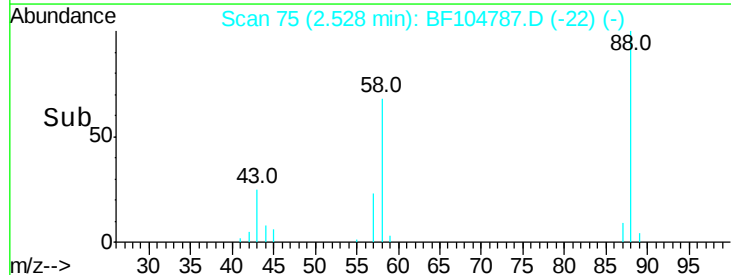
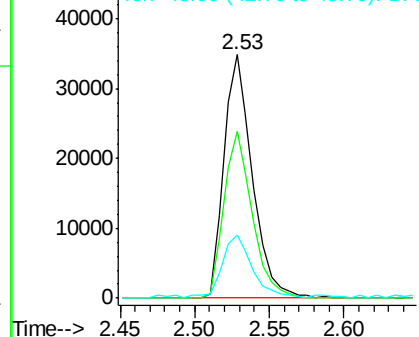
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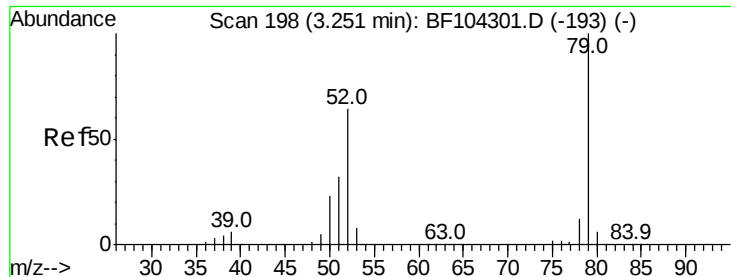
1,4-Dioxane
Concen: 14.433 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.01 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

Tgt Ion: 88 Resp: 46605
Ion Ratio Lower Upper
88 100
58 67.7 62.6 93.8
43 27.8 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 10.774 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.02 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Instrument :

BNA_F

ClientSampled :

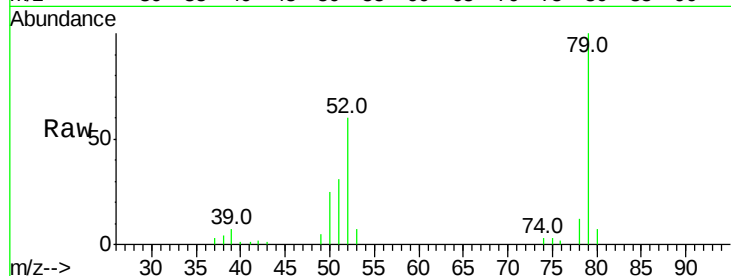
Tot Ion: 79 Resp: 97813

Ion Ratio Lower Upper

79 100

52 60.1 59.8 89.6

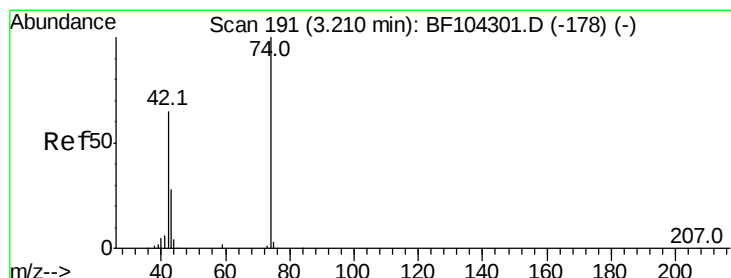
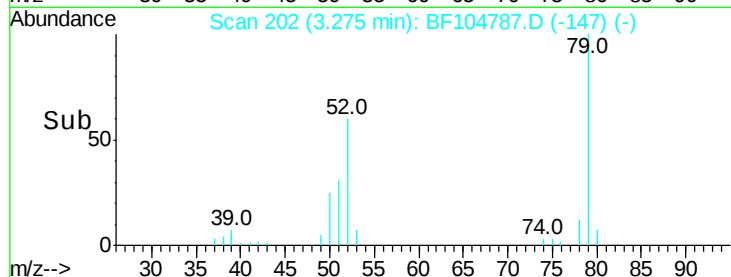
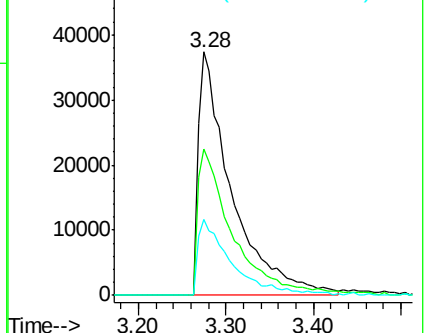
51 31.3 29.8 44.8



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: 16.925 ng

RT: 3.21 min Scan# 191

Delta R.T. -0.01 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

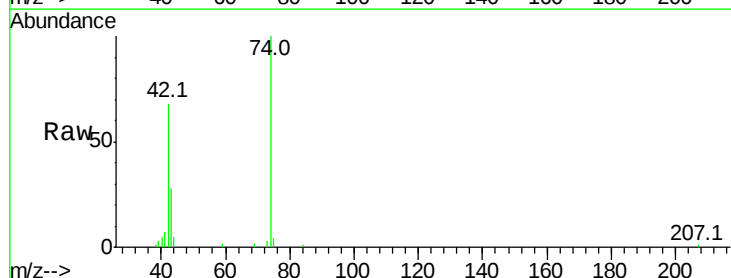
Tgt Ion: 42 Resp: 53712

Ion Ratio Lower Upper

42 100

74 148.1 104.9 157.3

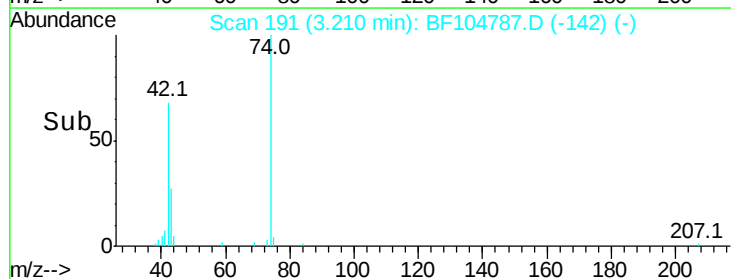
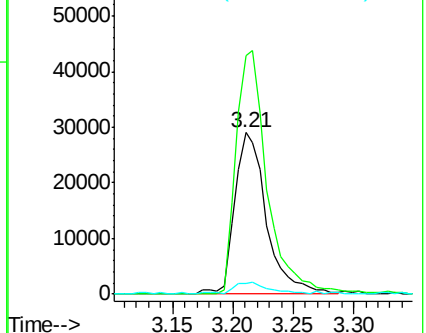
44 6.7 6.9 10.3#

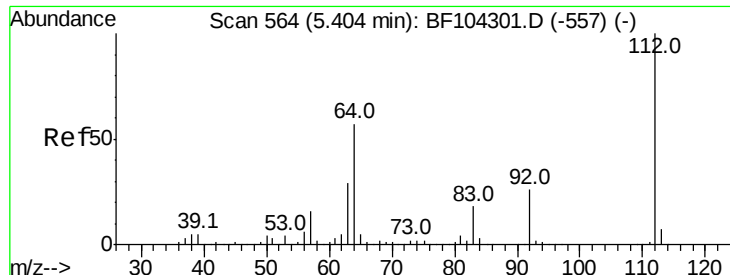


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 67.223 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Instrument :
BNA_F
ClientSampleId :

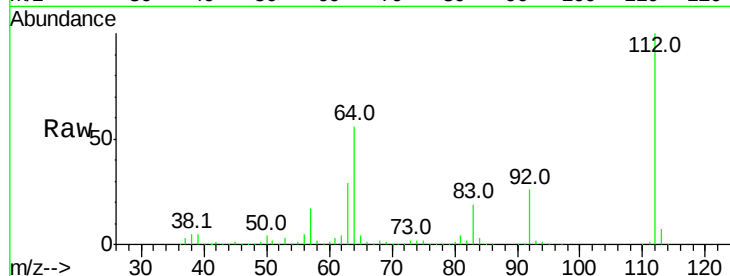
Tot Ion:112 Resp: 465845

Ion Ratio Lower Upper

112 100

64 56.1 47.9 71.9

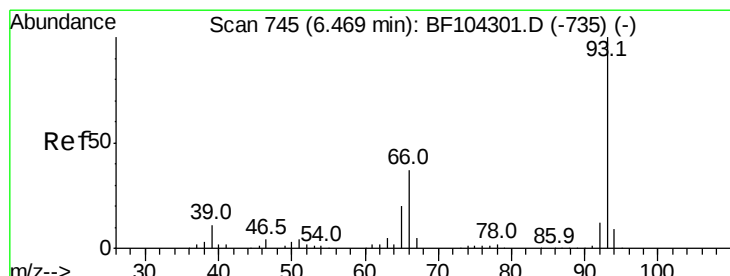
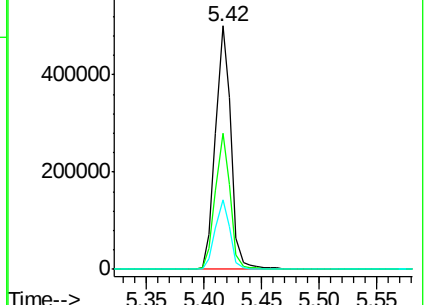
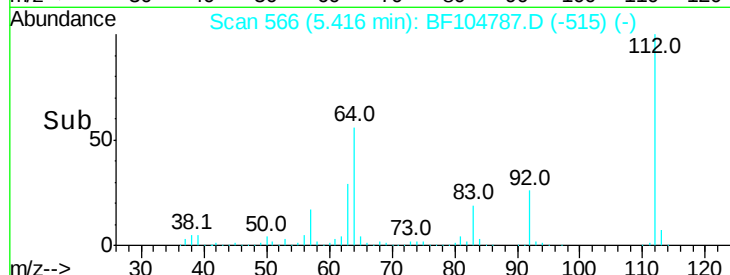
63 28.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.432 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

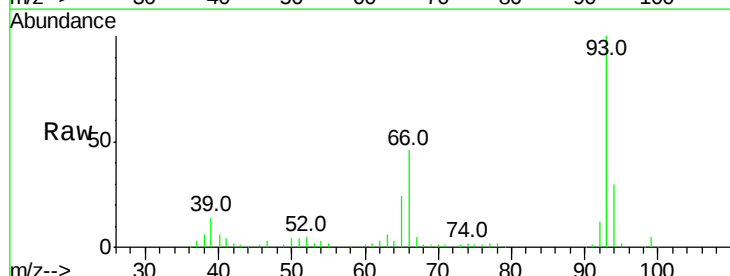
Tgt Ion: 93 Resp: 123399

Ion Ratio Lower Upper

93 100

66 45.9 32.2 48.2

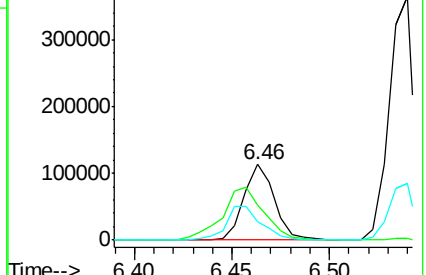
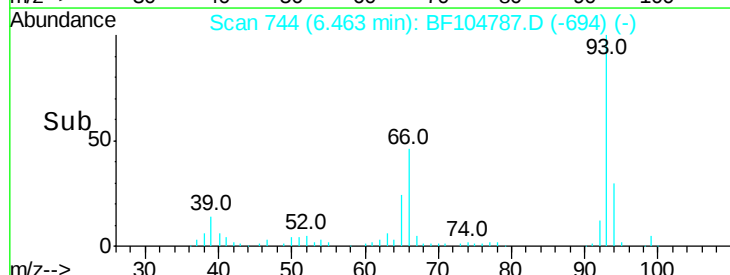
65 23.8 16.4 24.6

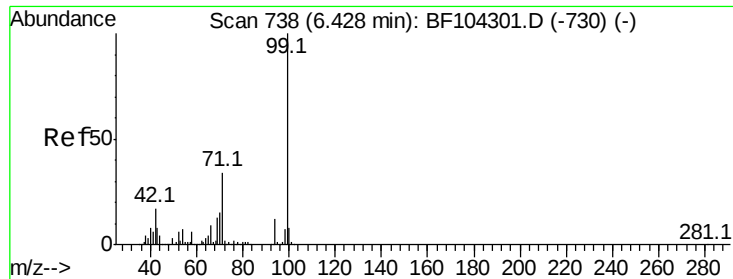


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 48.289 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Instrument :

BNA_F

ClientSampleId :

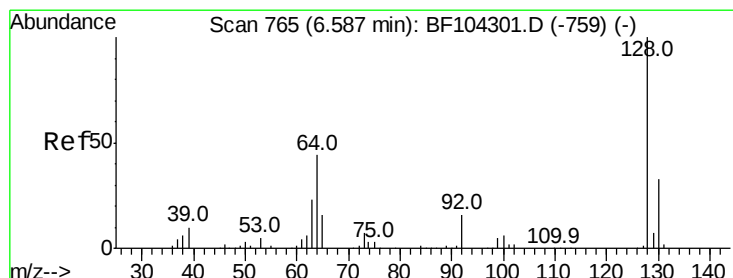
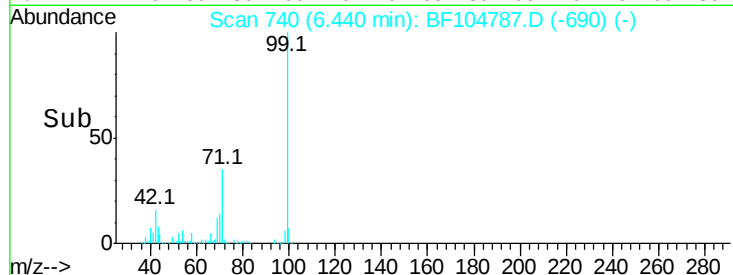
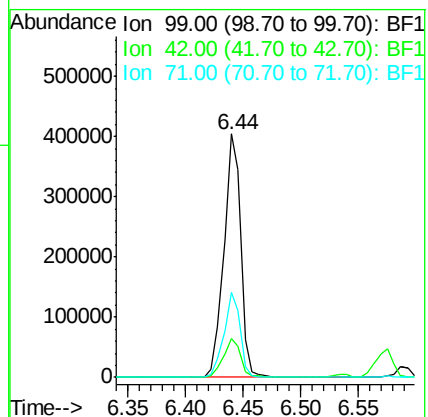
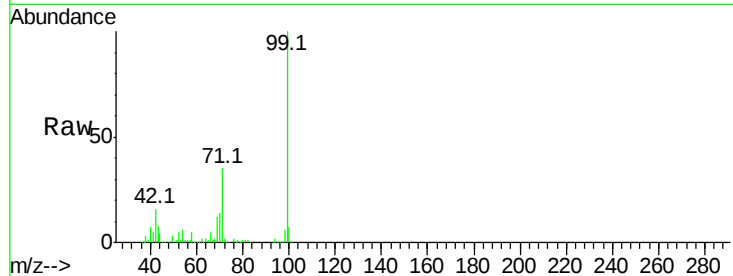
Tot Ion: 99 Resp: 411156

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

71 34.8 25.4 38.0



#8

2-Chlorophenol

Concen: 39.419 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

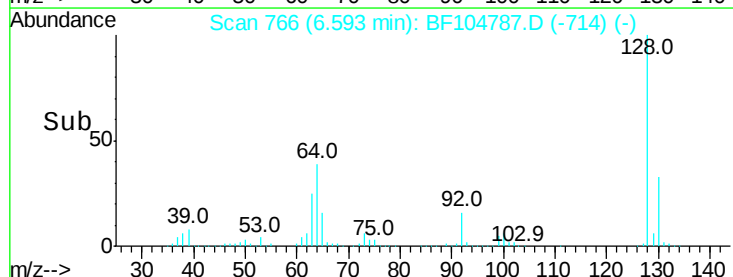
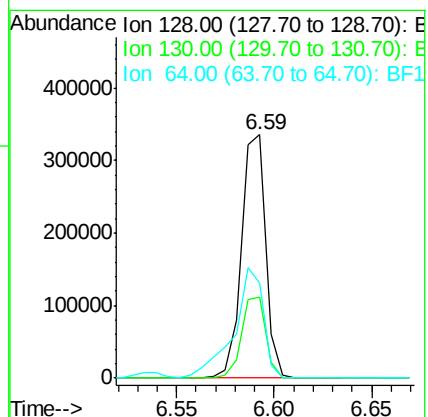
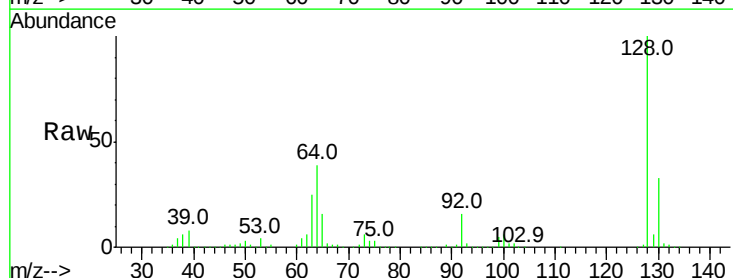
Tgt Ion: 128 Resp: 288321

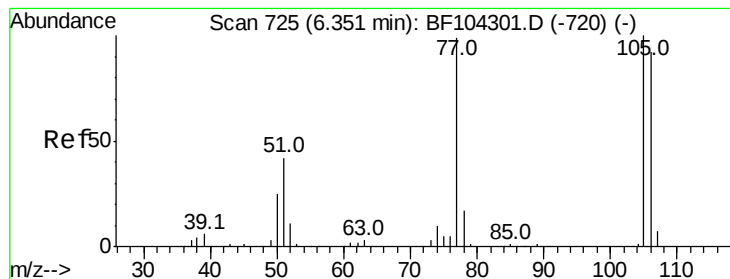
Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

64 38.9 29.4 69.4





#9

Benzaldehyde

Concen: 37.717 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Instrument :

BNA_F

ClientSampled :

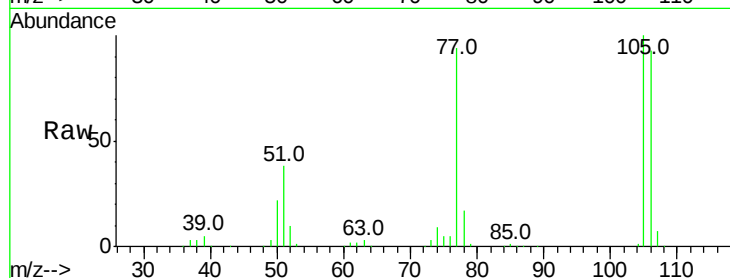
Tot Ion: 77 Resp: 165544

Ion Ratio Lower Upper

77 100

105 105.9 81.1 121.1

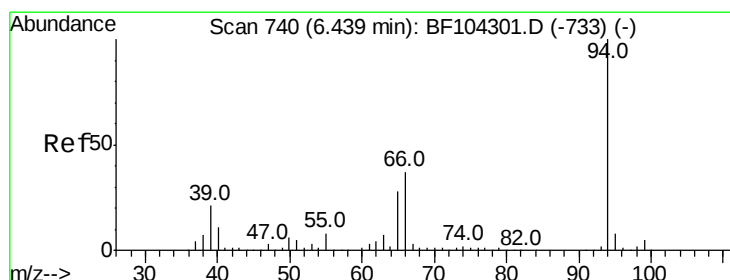
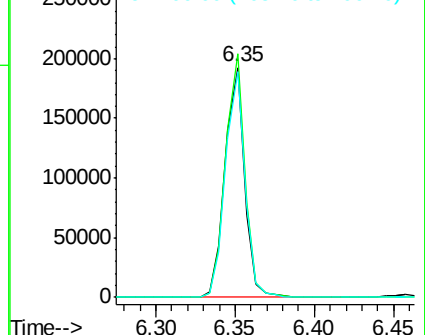
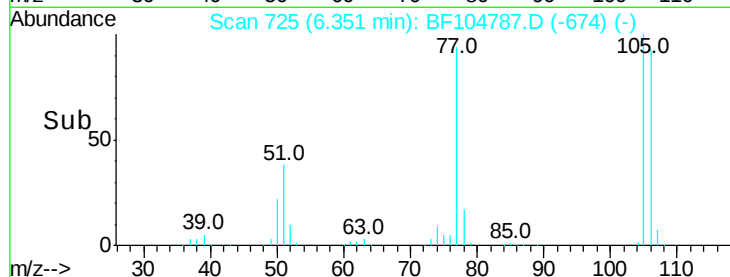
106 98.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 16.738 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

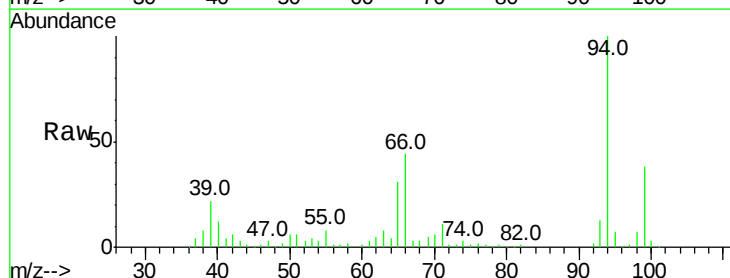
Tgt Ion: 94 Resp: 151218

Ion Ratio Lower Upper

94 100

65 30.7 7.9 47.9

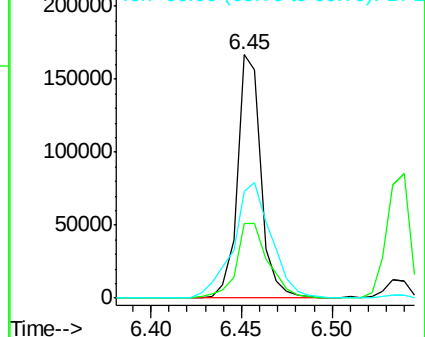
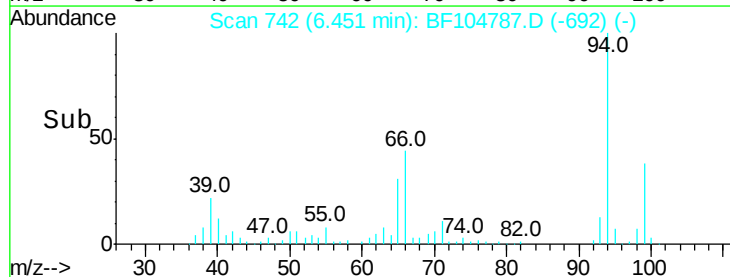
66 44.0 16.2 56.2

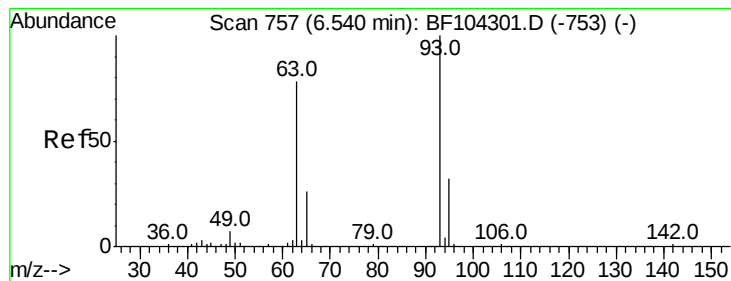


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

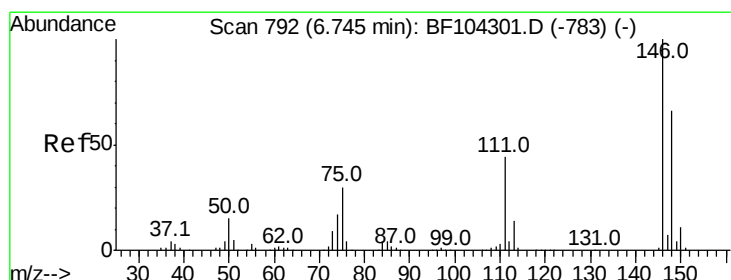
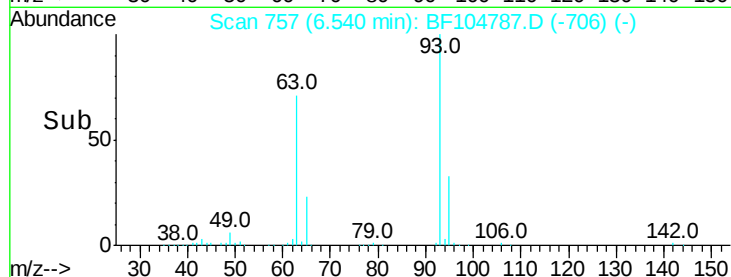
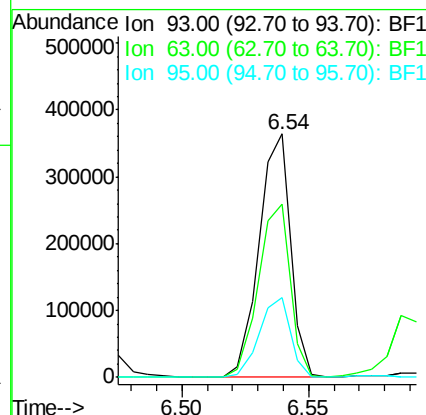
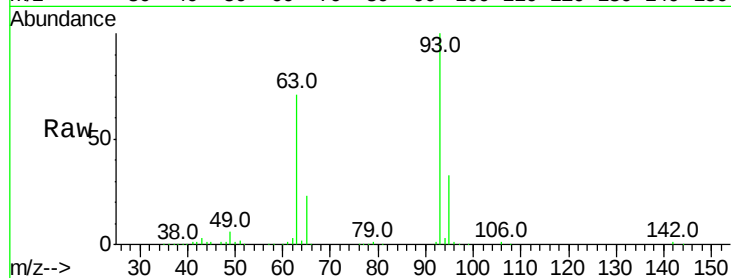




#11
bis(2-Chloroethyl)ether
Concen: 43.851 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

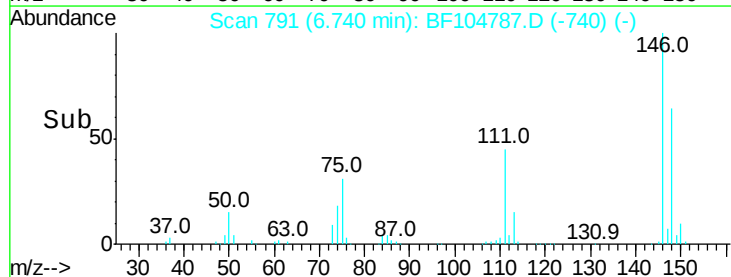
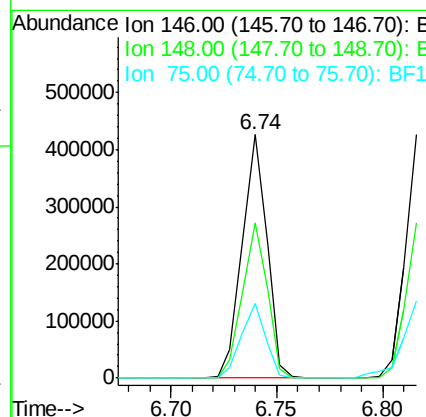
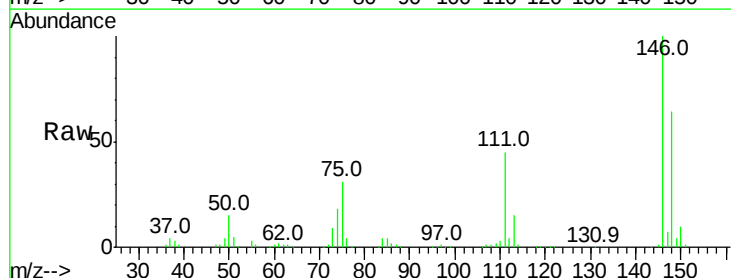
Instrument :
BNA_F
ClientSampled :

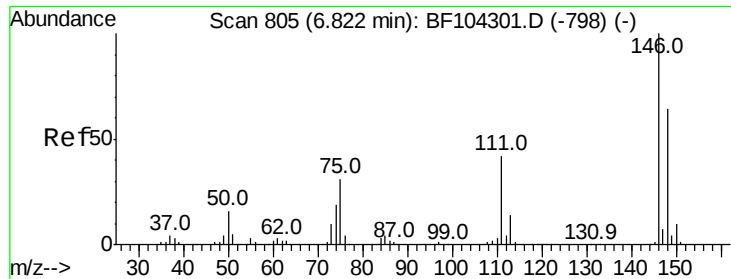
Tot Ion: 93 Resp: 316139
Ion Ratio Lower Upper
93 100
63 71.0 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.605 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

Tgt Ion: 146 Resp: 344749
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 30.9 24.2 36.4

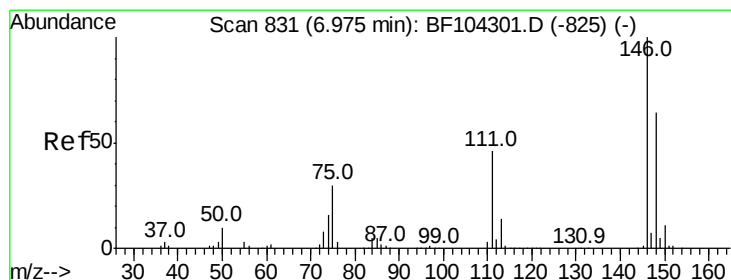
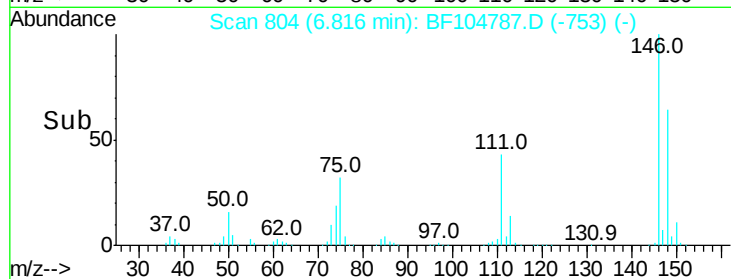
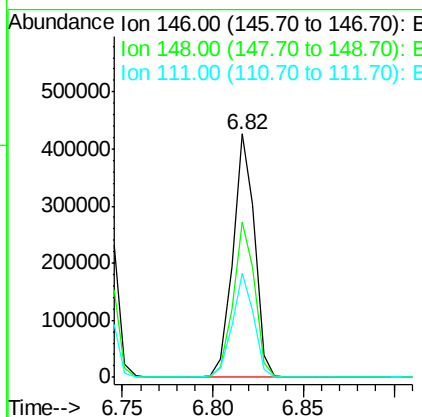
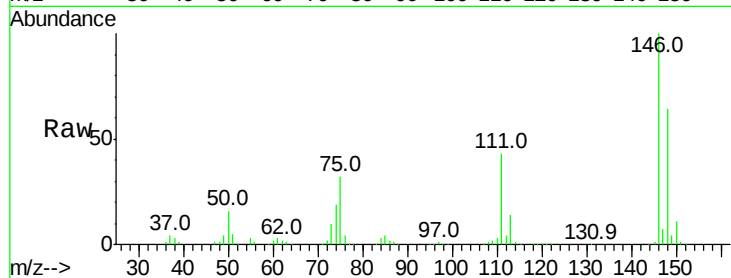




#13
 1,4-Dichlorobenzene
 Concen: 42.776 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

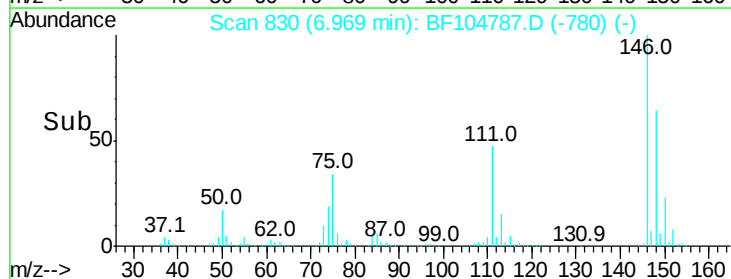
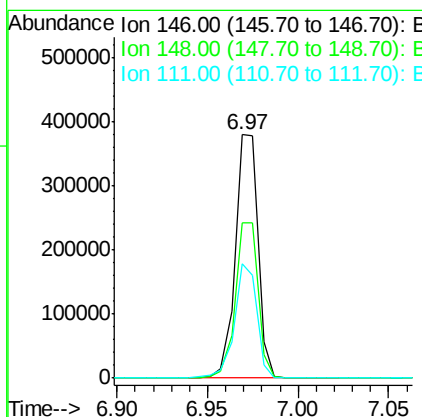
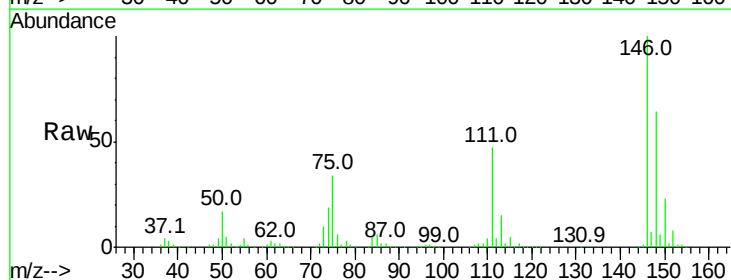
Instrument :
 BNA_F
 ClientSampleId :

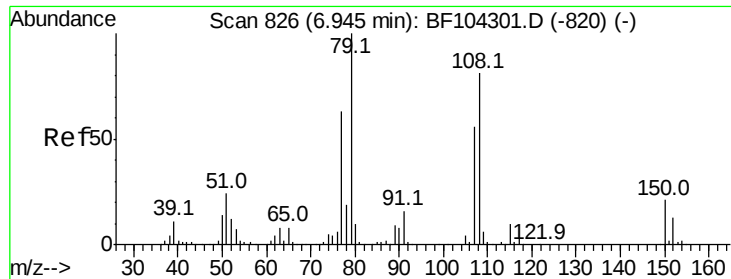
Tot Ion:146 Resp: 353324
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 42.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 43.385 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

Tgt Ion:146 Resp: 332085
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 47.2 36.0 54.0

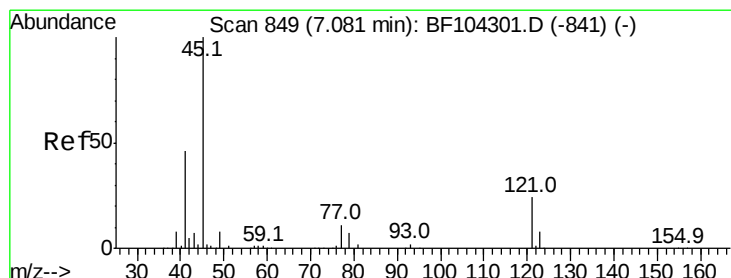
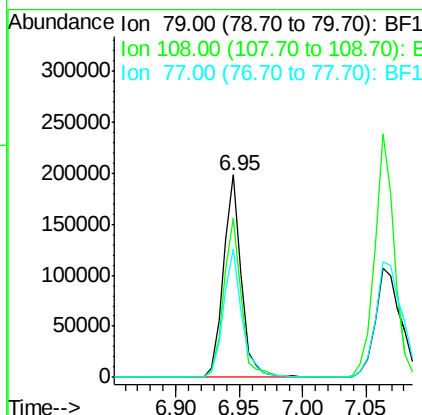
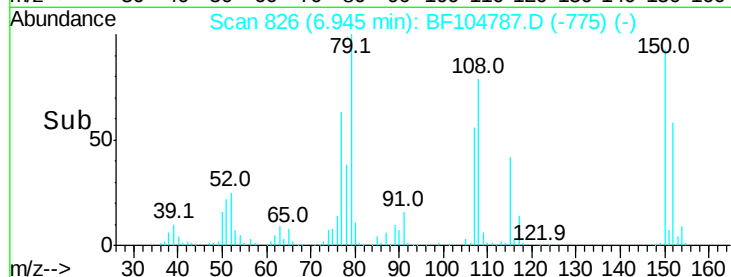
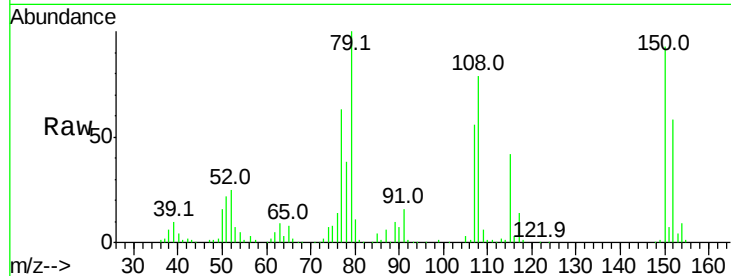




#15
Benzyl Alcohol
Concen: 29.990 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

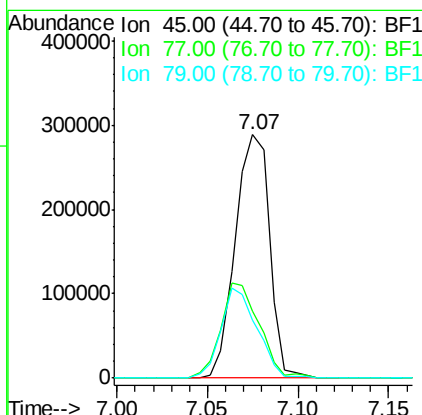
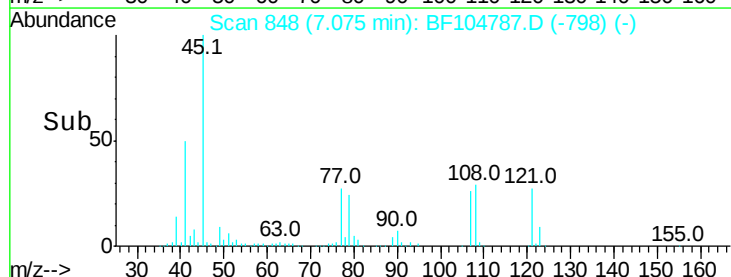
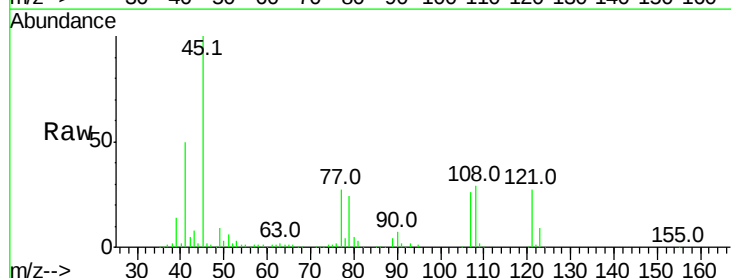
Instrument :
BNA_F
ClientSampleId :

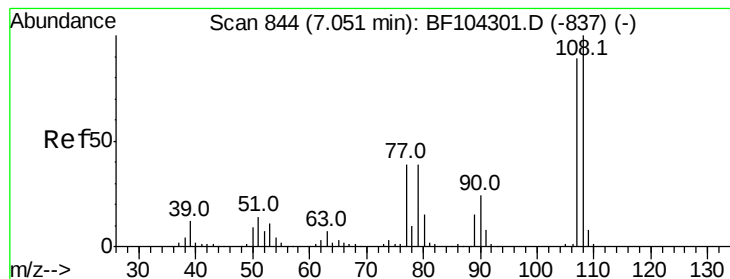
Tot Ion: 79 Resp: 193945
Ion Ratio Lower Upper
79 100
108 78.5 65.1 97.7
77 63.4 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.284 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

Tgt Ion: 45 Resp: 380341
Ion Ratio Lower Upper
45 100
77 27.3 0.0 32.9
79 23.6 0.0 29.6

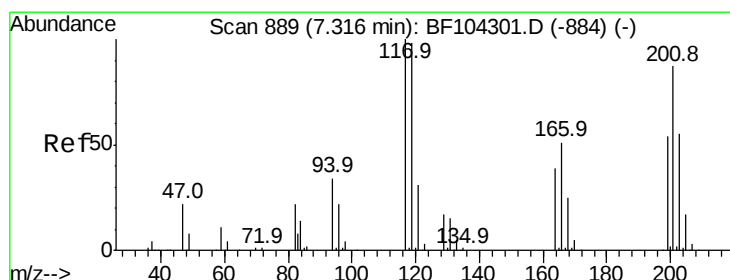
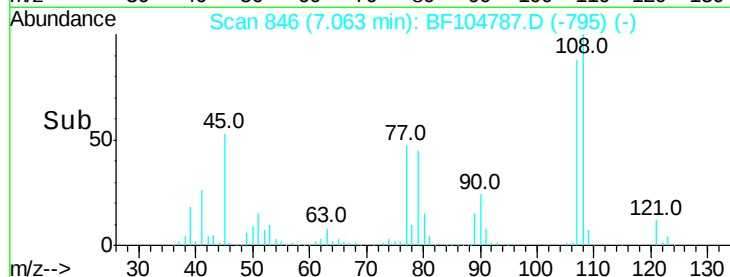
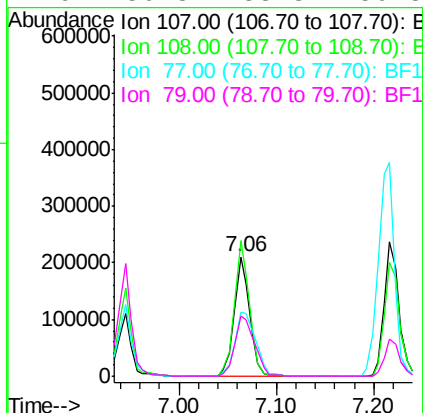
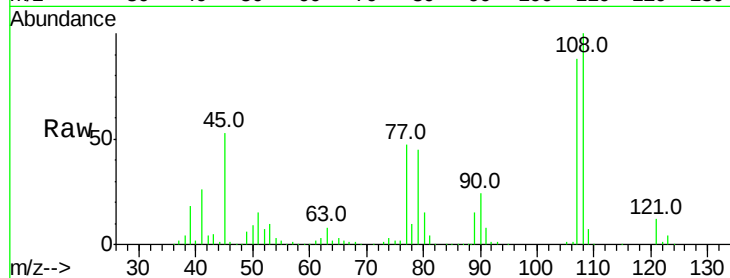




#17
2-Methylphenol
Concen: 36.588 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

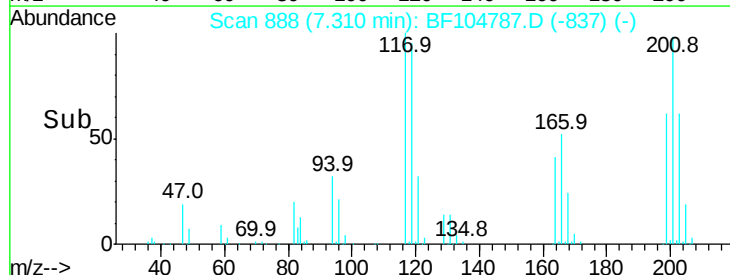
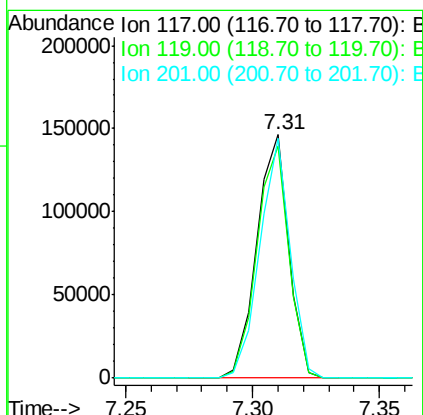
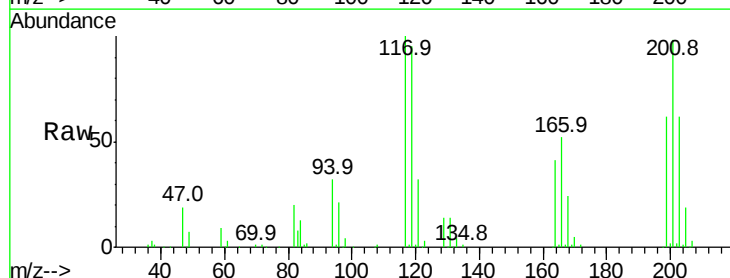
Instrument :
BNA_F
ClientSampled :

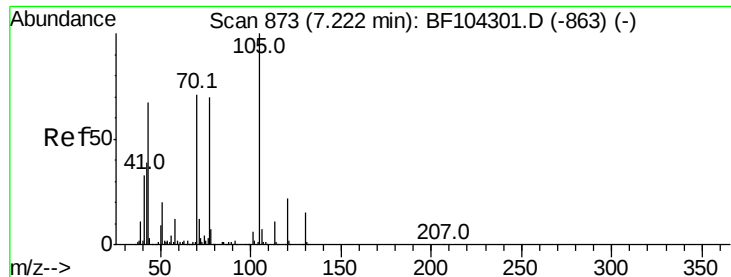
Tot Ion:107 Resp: 232626
Ion Ratio Lower Upper
107 100
108 113.4 91.7 137.5
77 53.8 33.8 50.8#
79 50.8 33.8 50.8#



#18
Hexachloroethane
Concen: 43.591 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

Tgt Ion:117 Resp: 128375
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8
201 98.3 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 43.654 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 242887

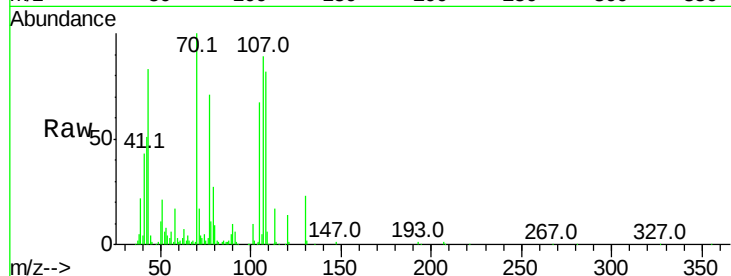
Ion Ratio Lower Upper

70 100

42 50.6 47.5 71.3

101 9.9 7.4 11.2

130 22.9 16.6 25.0

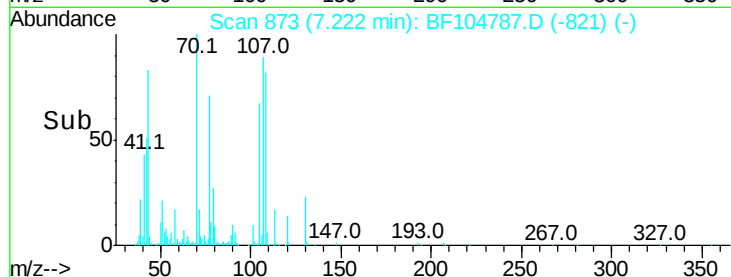
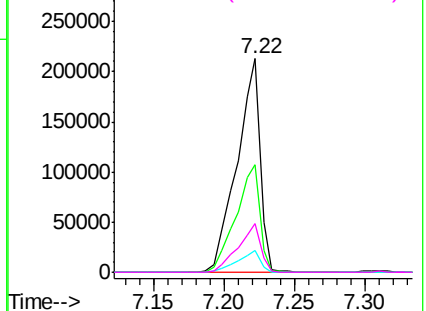


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 32.383 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Tgt Ion: 107 Resp: 255353

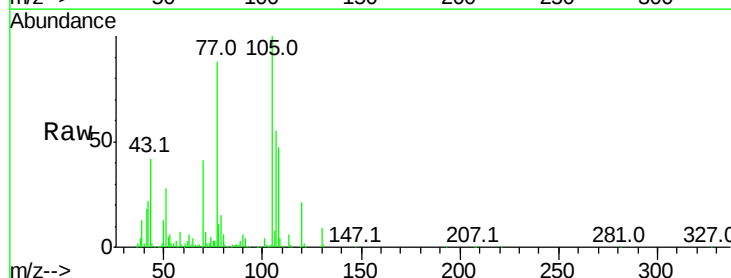
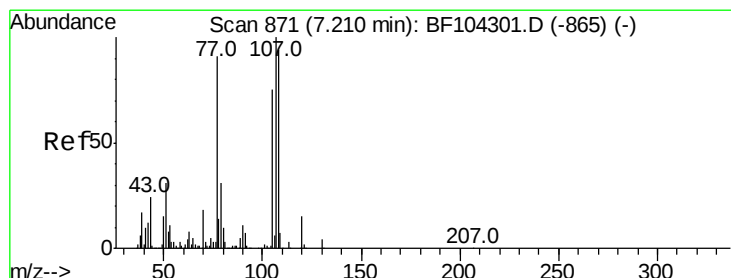
Ion Ratio Lower Upper

107 100

108 84.0 68.2 108.2

77 158.2 26.7 66.7#

79 27.4 6.3 46.3

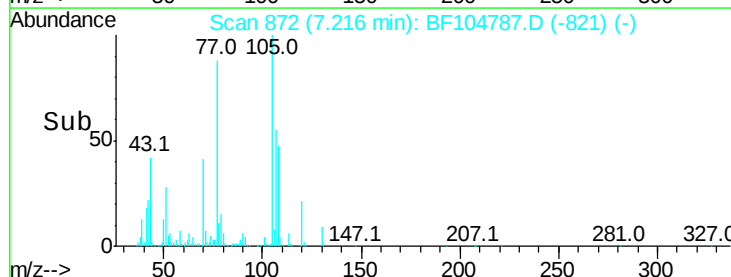
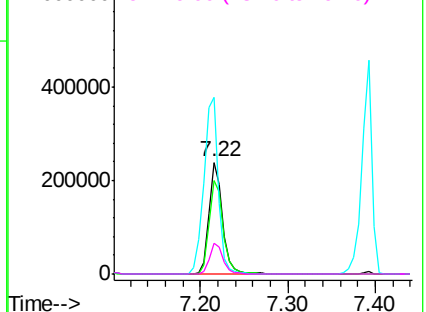


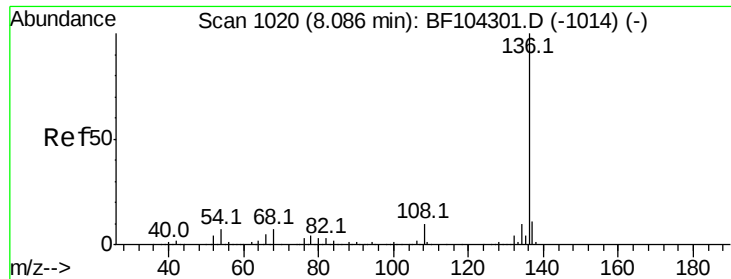
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF104787.D

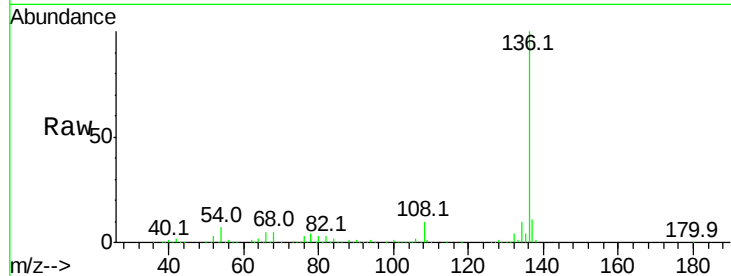
Acq: 25 Apr 2018 14:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	462008
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	6.5	6.6 9.8#
68	5.3	5.0 7.4



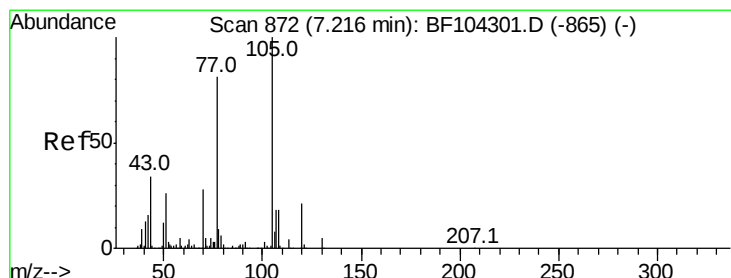
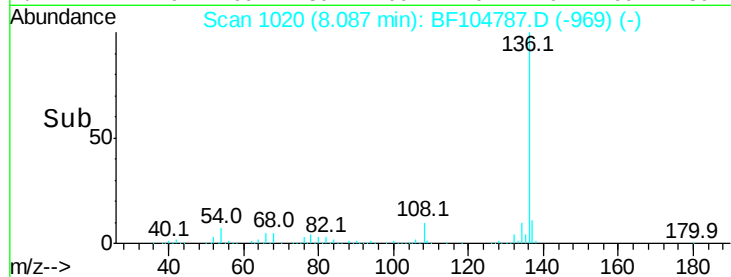
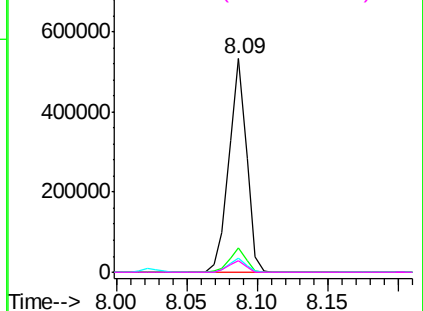
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.802 ng

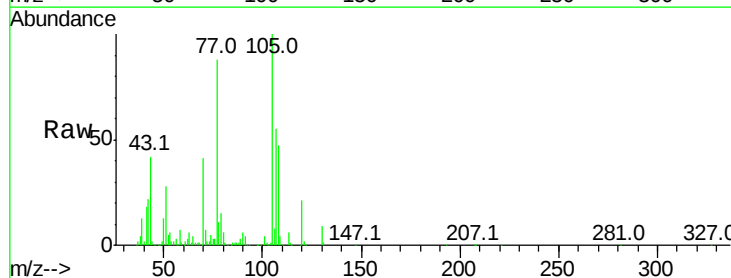
RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Tgt Ion:105	Resp:	486847
Ion Ratio	Lower	Upper
105	100	
71	6.9	4.4 6.6#
51	27.9	22.3 33.5
120	21.2	16.9 25.3



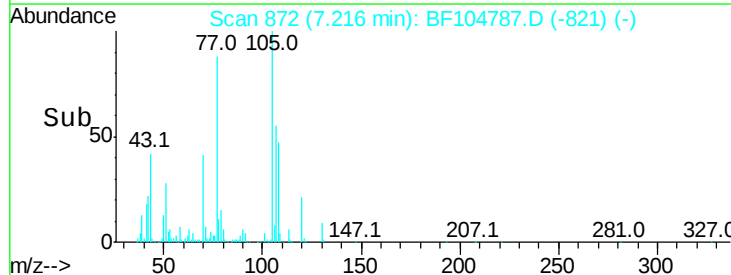
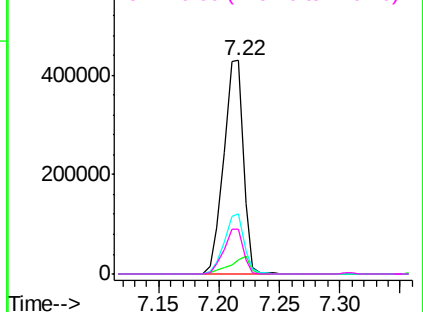
Abundance

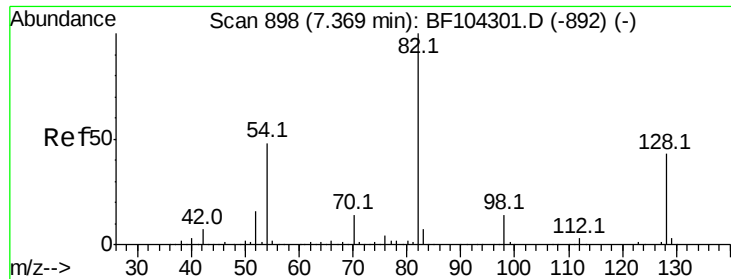
Ion 105.00 (104.70 to 105.70): E

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

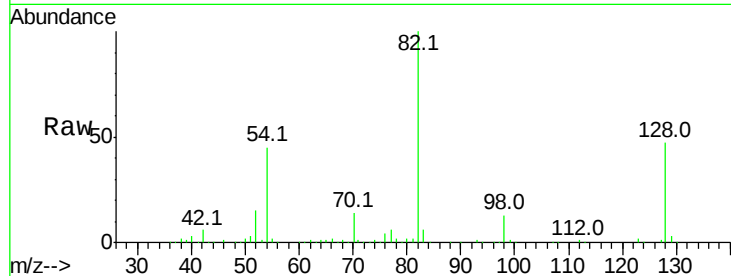




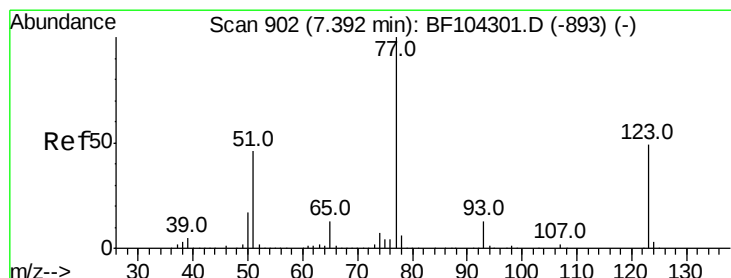
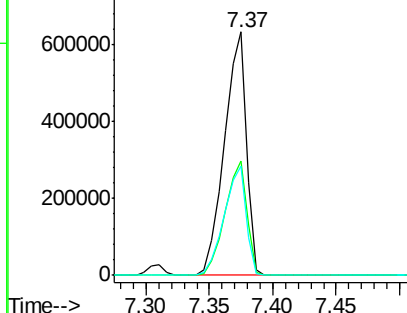
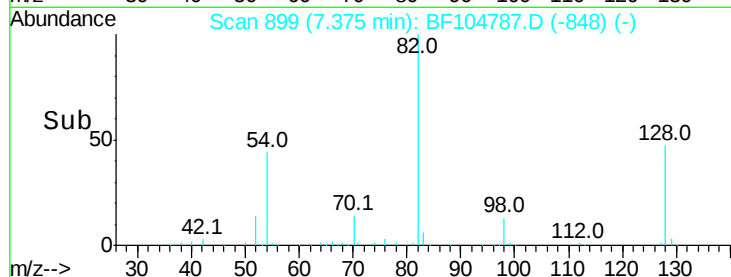
#23
 Nitrobenzene-d5
 Concen: 107.269 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 758967
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.1 54.1
 54 44.8 41.4 62.2

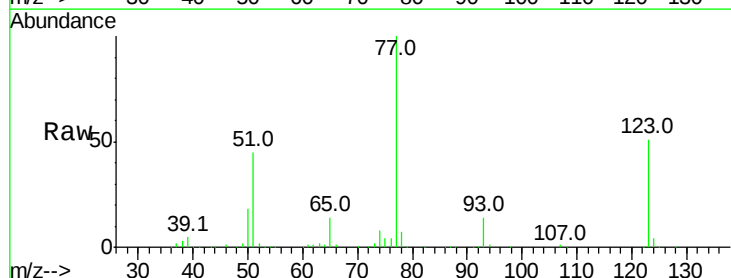


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

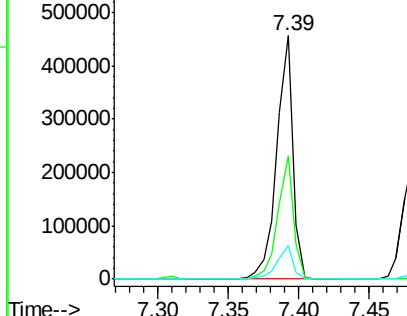
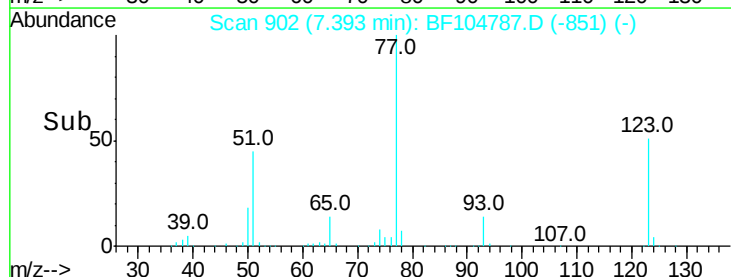


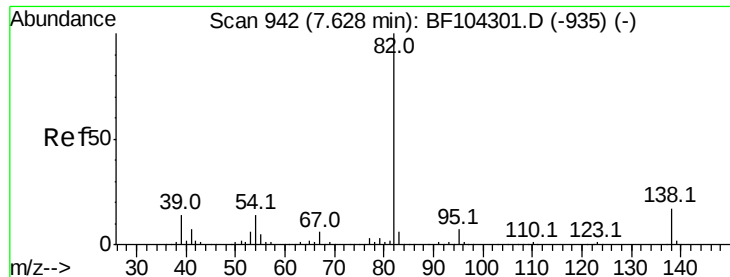
#24
 Nitrobenzene
 Concen: 46.970 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

Tgt Ion: 77 Resp: 366912
 Ion Ratio Lower Upper
 77 100
 123 50.7 37.9 56.9
 65 13.7 11.0 16.4



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





#25

Isophorone

Concen: 46.425 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Instrument :

BNA_F

ClientSampleId :

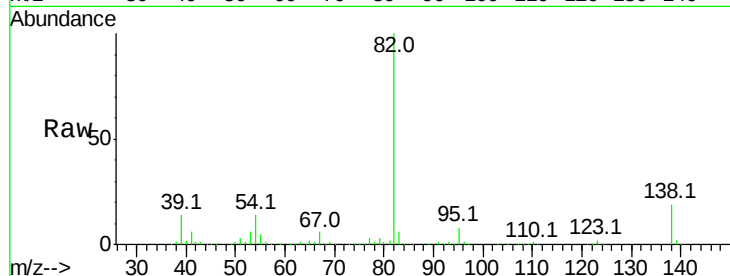
Tot Ion: 82 Resp: 694600

Ion Ratio Lower Upper

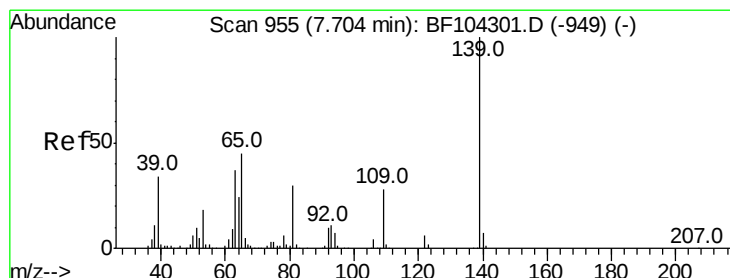
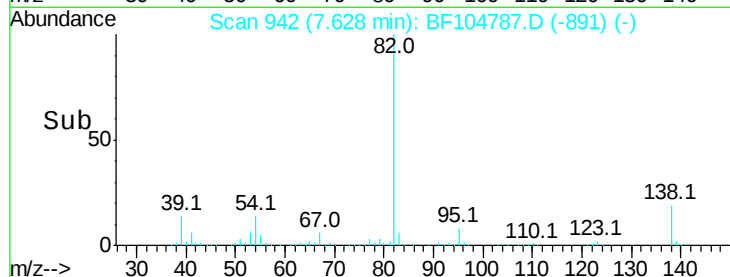
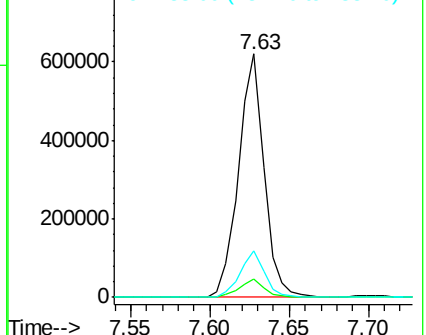
82 100

95 7.6 5.2 7.8

138 19.1 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 61.285 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

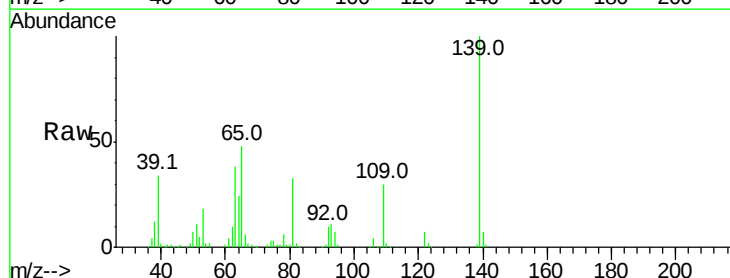
Tgt Ion:139 Resp: 194897

Ion Ratio Lower Upper

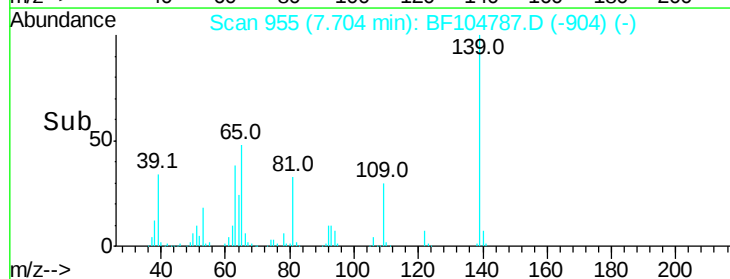
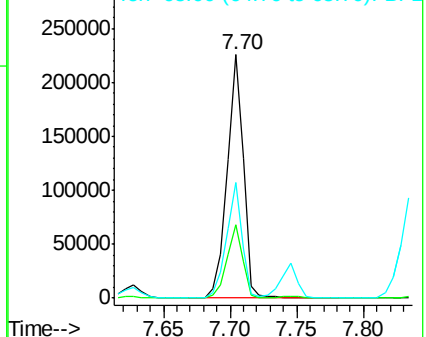
139 100

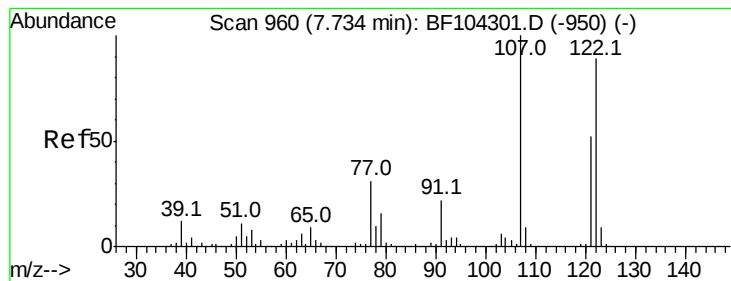
109 30.0 22.7 34.1

65 47.7 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 46.271 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Instrument :

BNA_F

ClientSampleId :

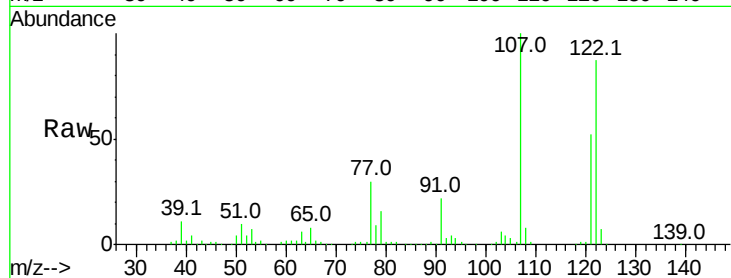
Tot Ion:122 Resp: 305532

Ion Ratio Lower Upper

122 100

107 115.5 91.2 136.8

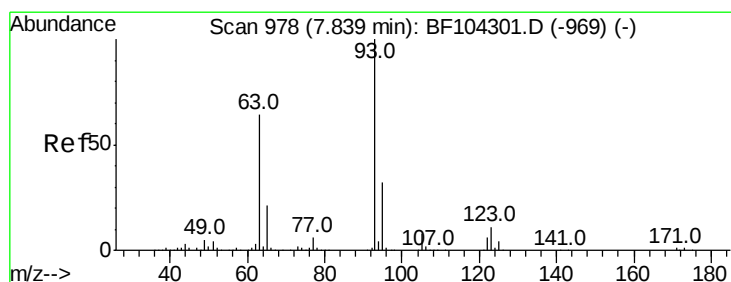
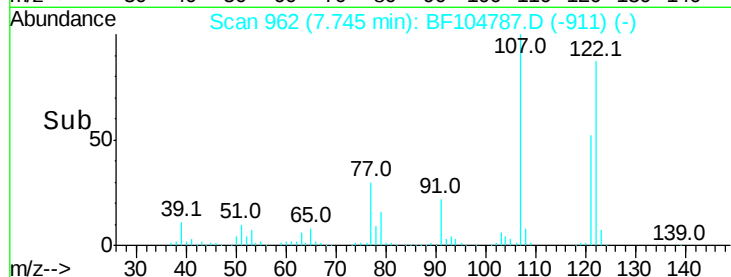
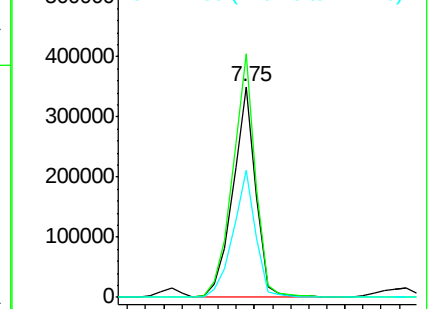
121 60.2 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.784 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

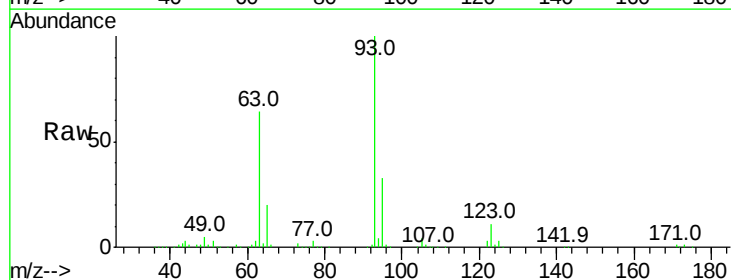
Tgt Ion: 93 Resp: 437125

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

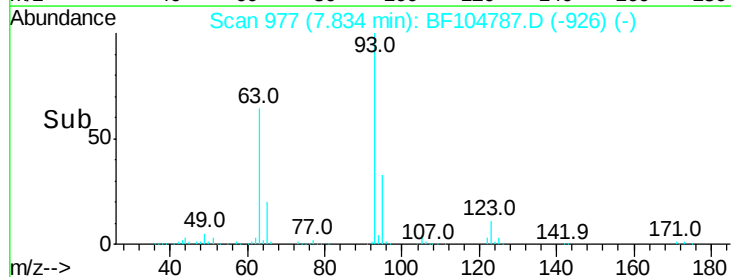
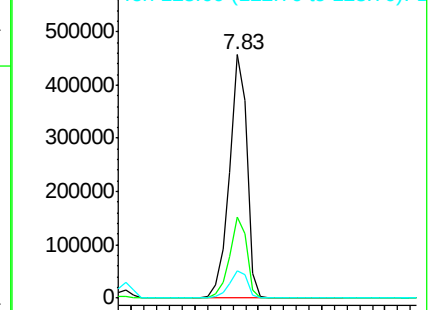
123 11.2 9.8 14.6

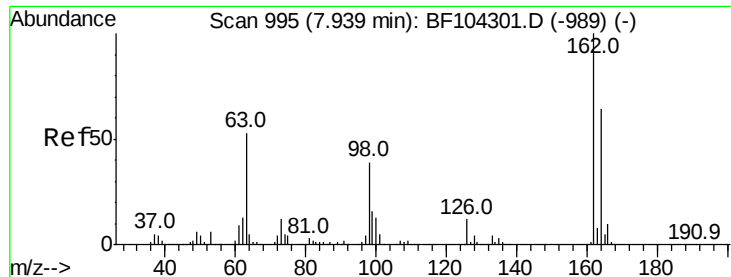


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

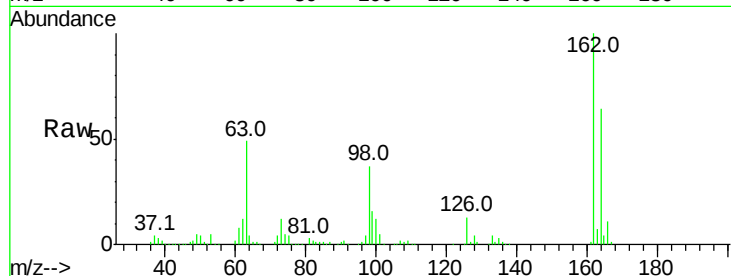




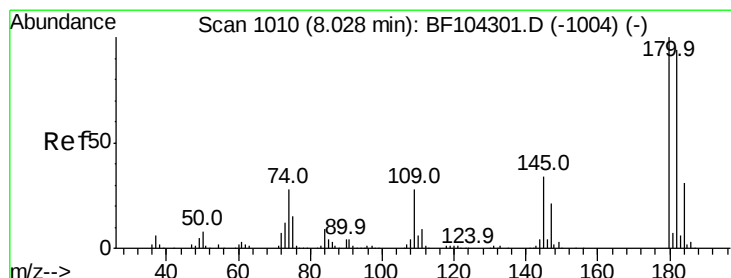
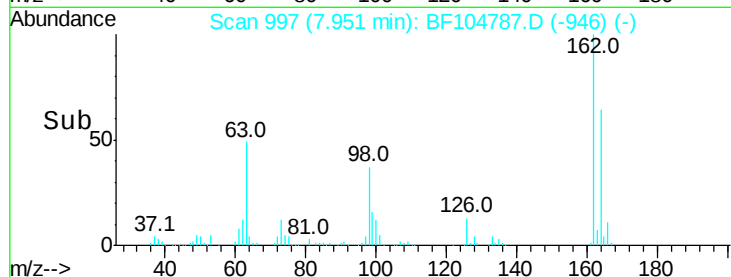
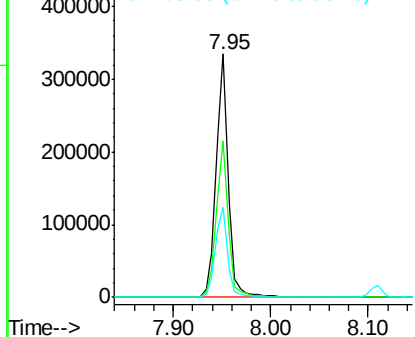
#29
 2,4-Dichlorophenol
 Concen: 45.917 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.7	82.7
98	36.9	18.1	58.1

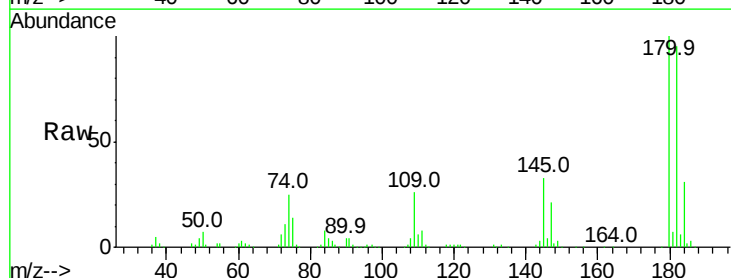


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

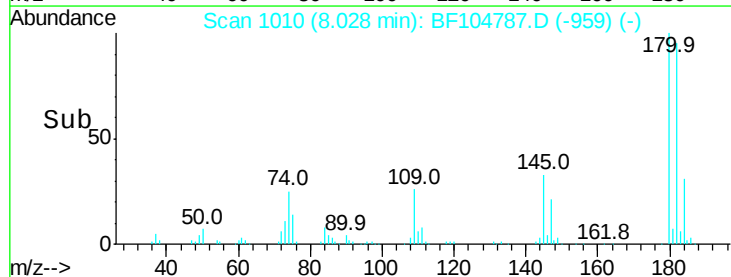
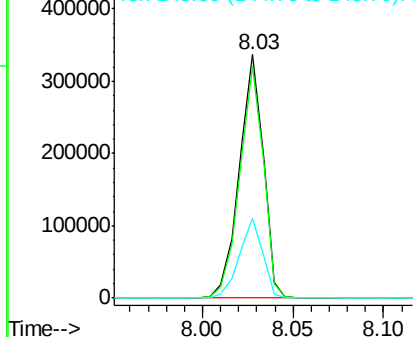


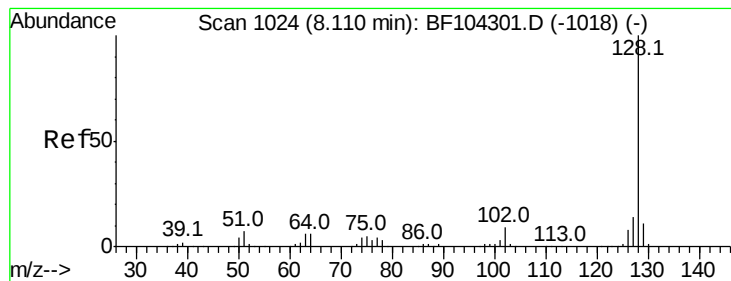
#30
 1,2,4-Trichlorobenzene
 Concen: 44.613 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.8	115.2
145	32.9	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: 43.936 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Instrument :

BNA_F

ClientSampleId :

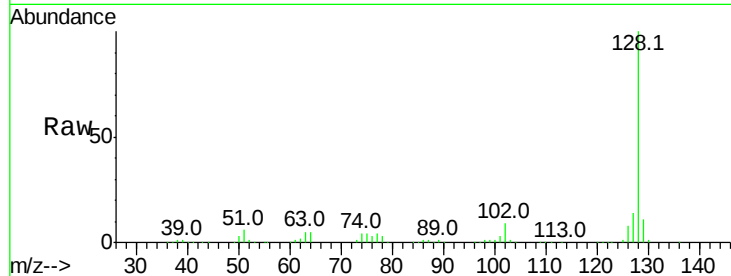
Tot Ion:128 Resp: 1010770

Ion Ratio Lower Upper

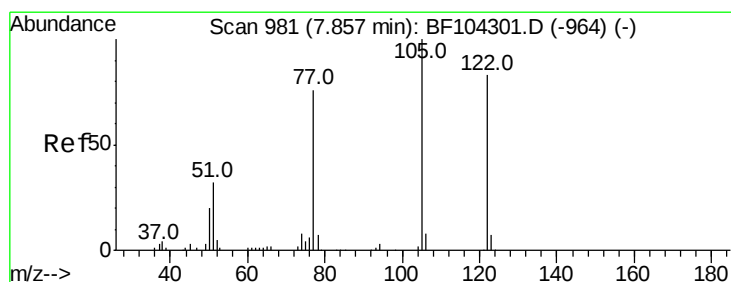
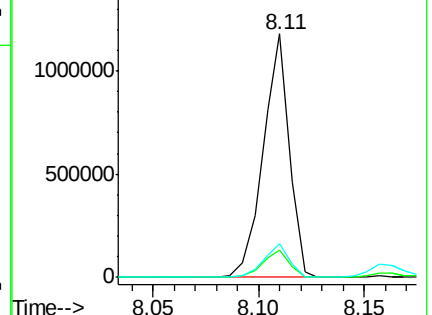
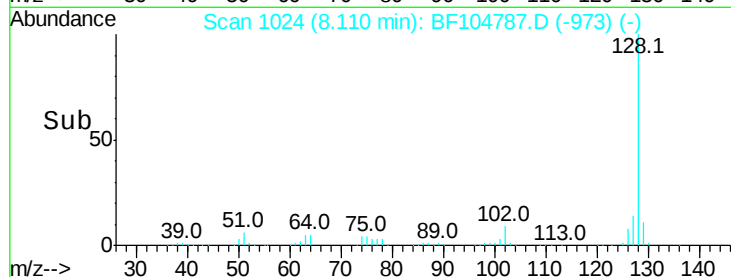
128 100

129 11.3 8.8 13.2

127 13.8 10.9 16.3



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



#32

Benzoic acid

Concen: 3.892 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.05 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

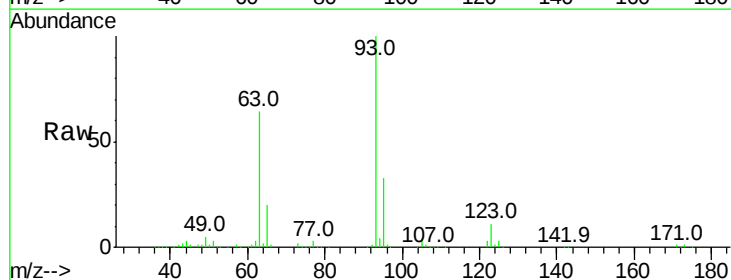
Tgt Ion:122 Resp: 20504

Ion Ratio Lower Upper

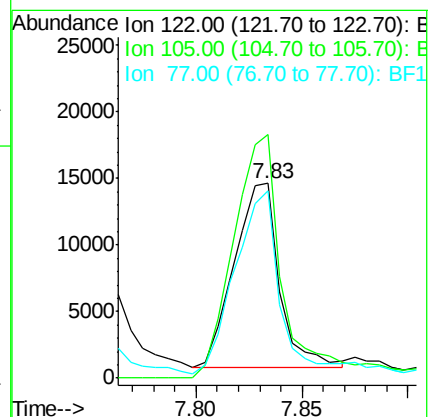
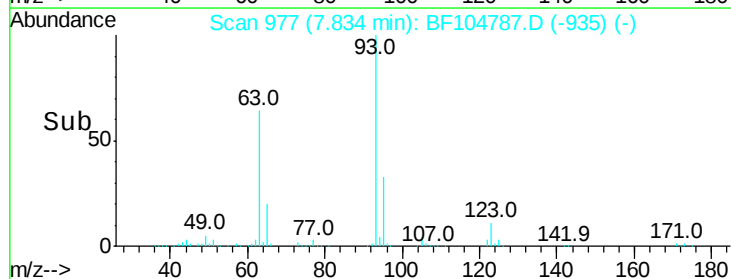
122 100

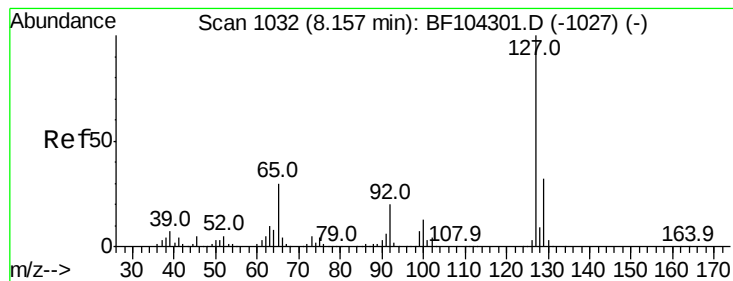
105 125.1 101.1 141.1

77 96.0 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: 8.369 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 82489

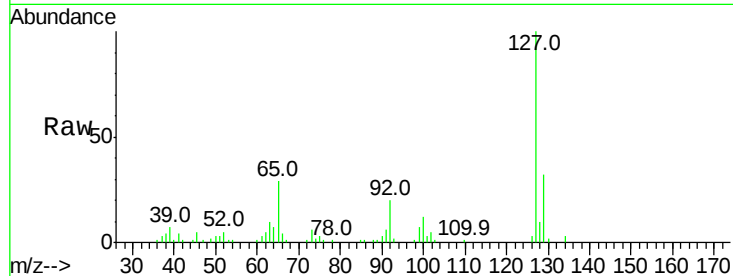
Ion Ratio Lower Upper

127 100

129 31.7 25.9 38.9

65 28.6 25.0 37.4

92 19.7 15.2 22.8

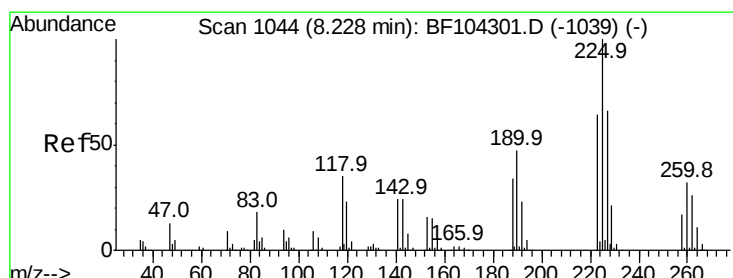
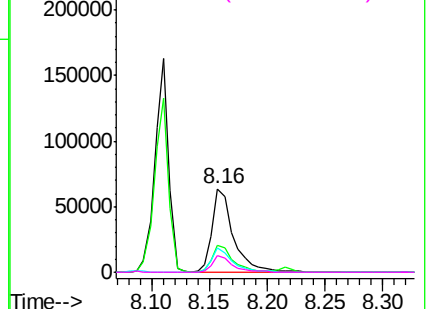
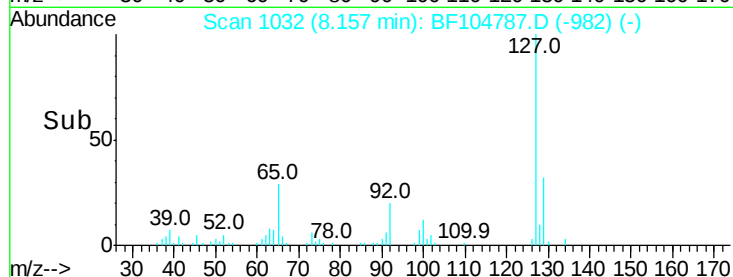


Abundance Ion 127.00 (126.70 to 127.70): E

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: 44.667 ng

RT: 8.22 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

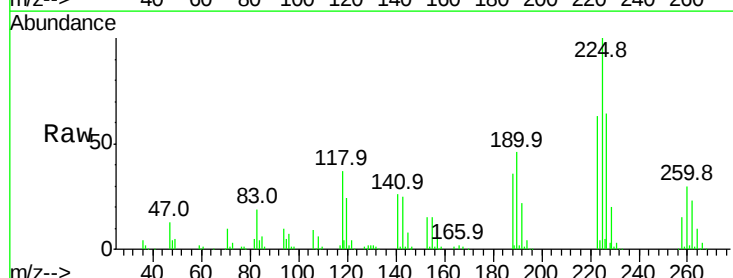
Tgt Ion:225 Resp: 169168

Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

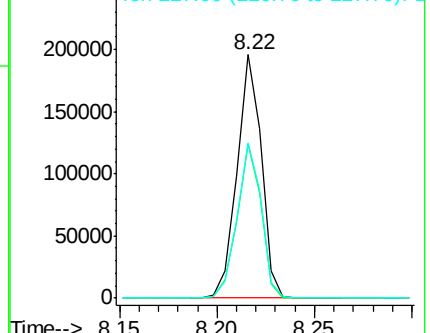
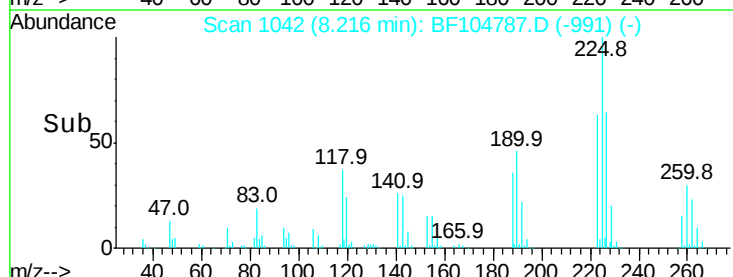
227 63.6 51.9 77.9

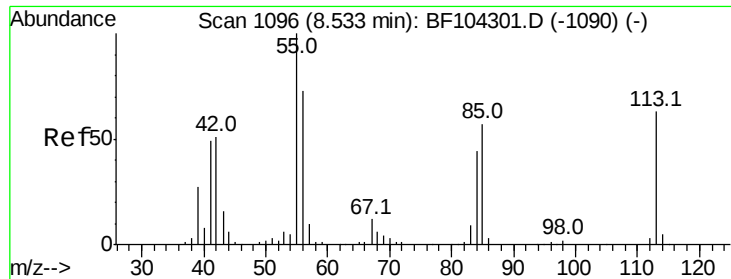


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

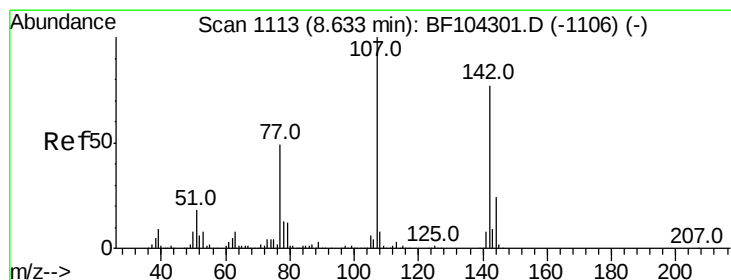
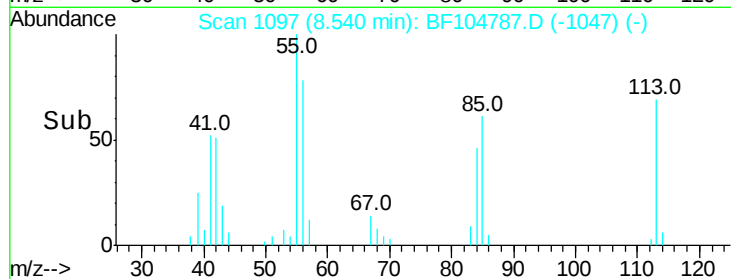
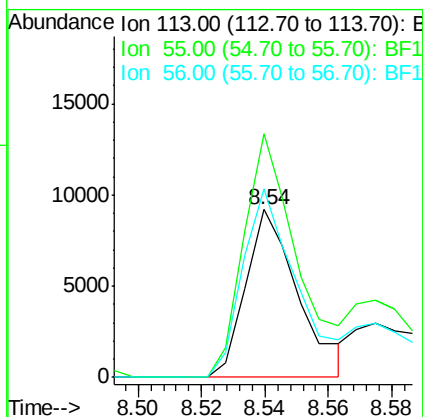
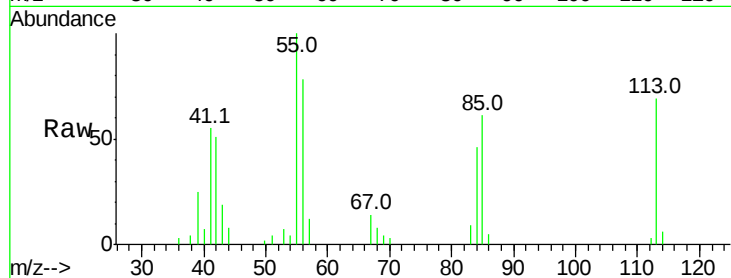




#35
 Caprolactam
 Concen: 4.783 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

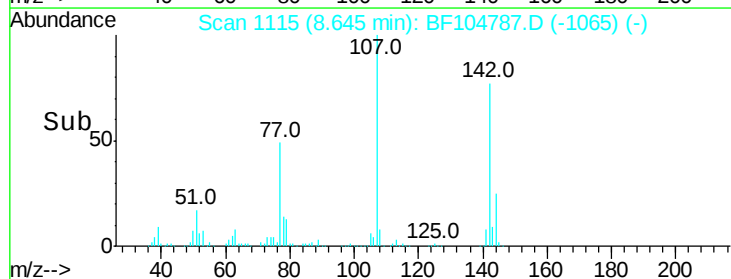
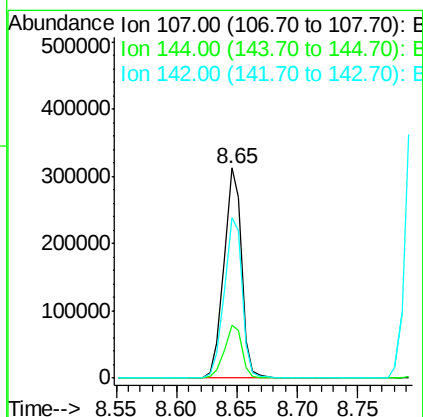
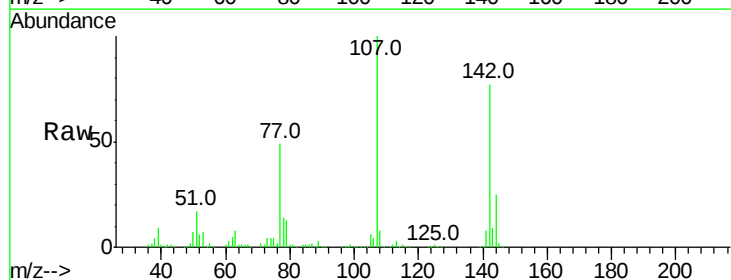
Instrument :
 BNA_F
 ClientSampleID :

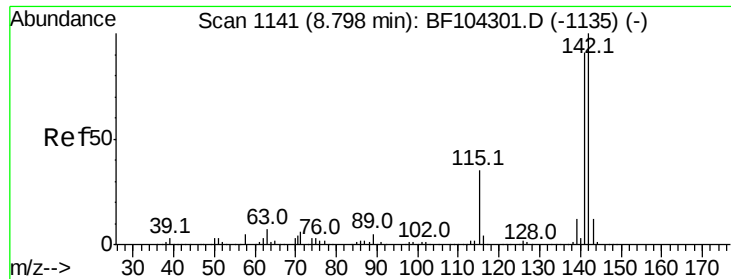
Tot Ion:113 Resp: 10512
 Ion Ratio Lower Upper
 113 100
 55 145.2 163.3 203.3#
 56 112.7 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 46.798 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

Tgt Ion:107 Resp: 316151
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 76.5 62.0 93.0

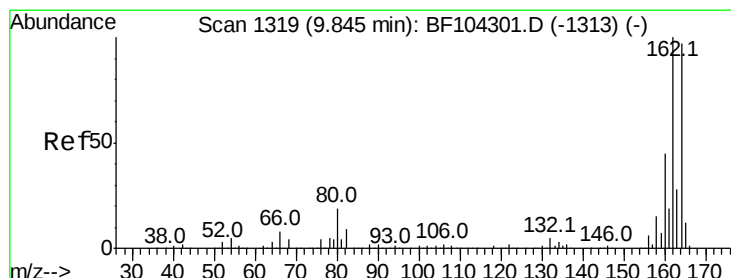
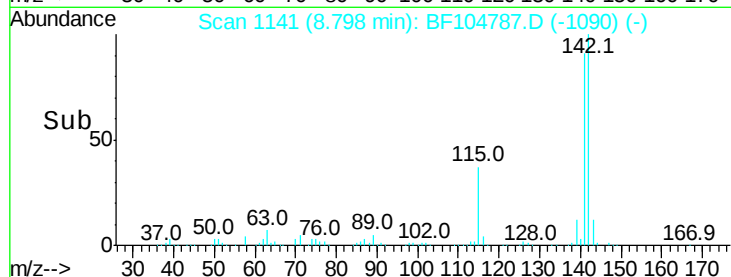
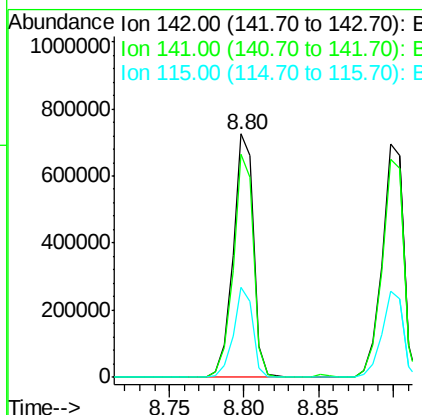
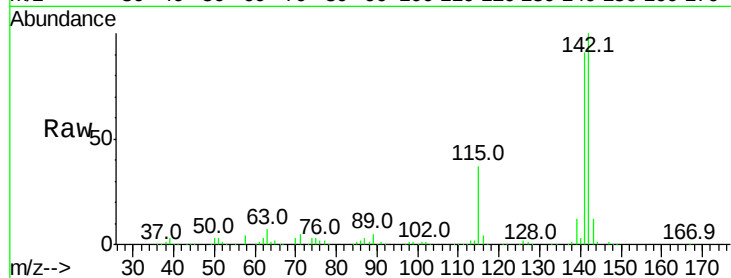




#37
2-Methylnaphthalene
Concen: 46.837 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

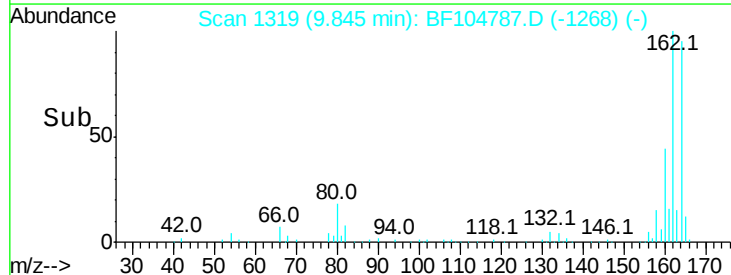
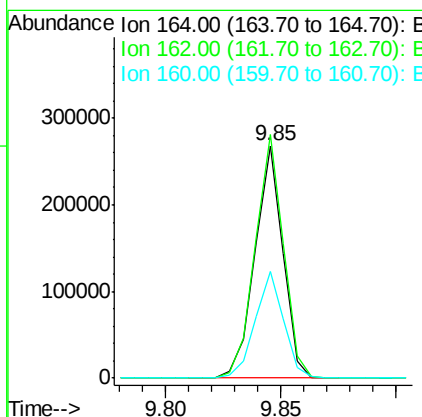
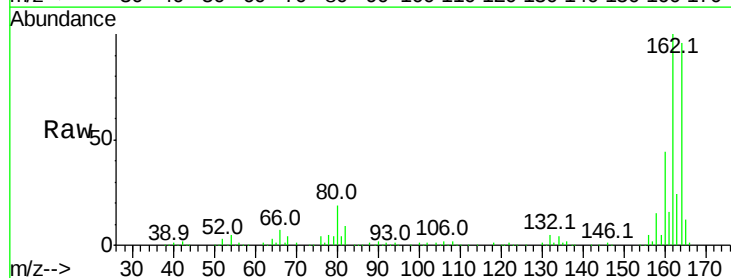
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.8	106.2
115	36.8	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	45.9	38.3	57.5

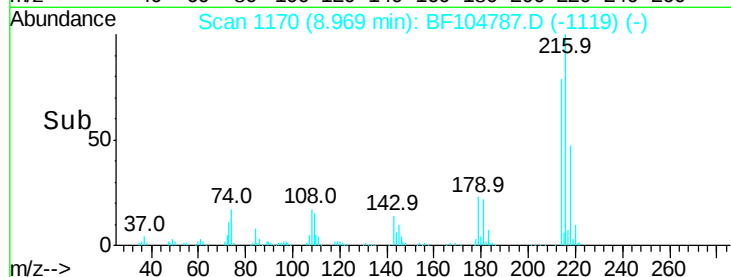
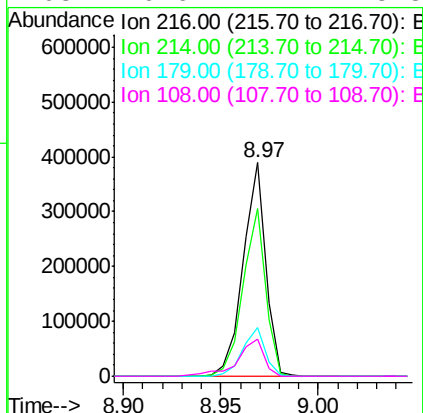
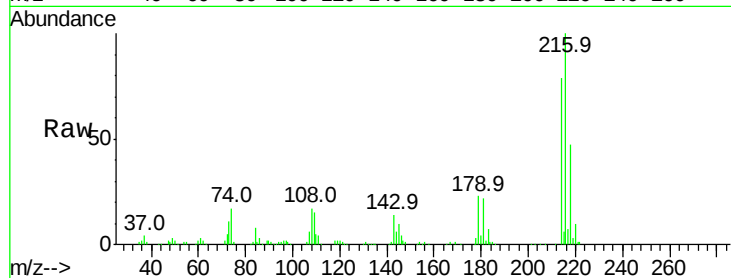




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.307 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

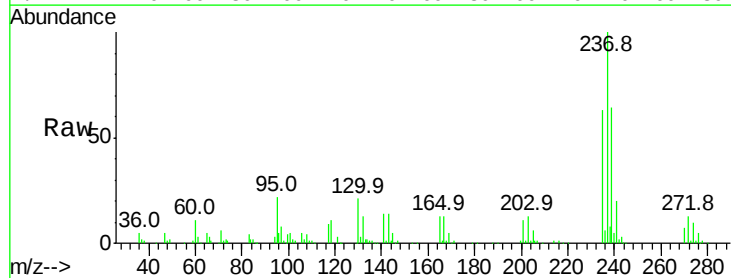
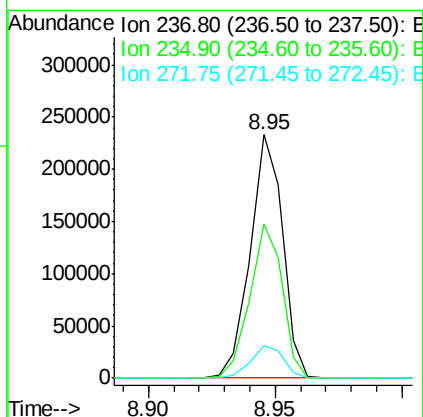
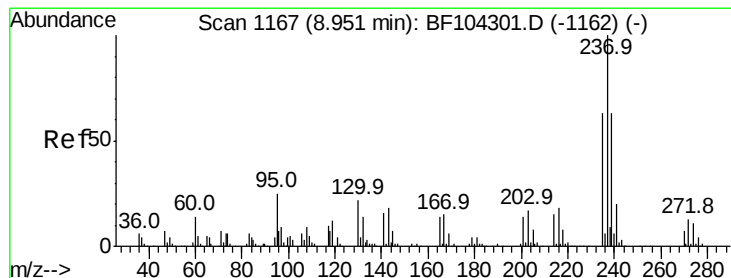
Instrument :
 BNA_F
 ClientSampleId :

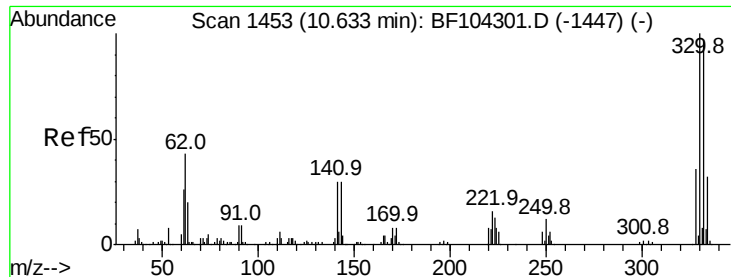
Tot Ion:	216	Resp:	313658
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	22.8	18.1	27.1
108	20.6	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 57.247 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

Tgt Ion:	237	Resp:	208094
Ion	Ratio	Lower	Upper
237	100		
235	63.1	44.8	84.8
272	13.3	0.0	33.3

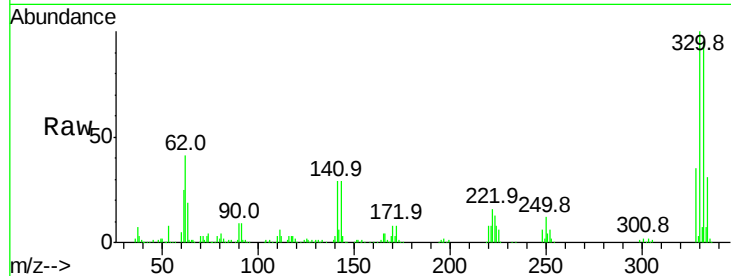




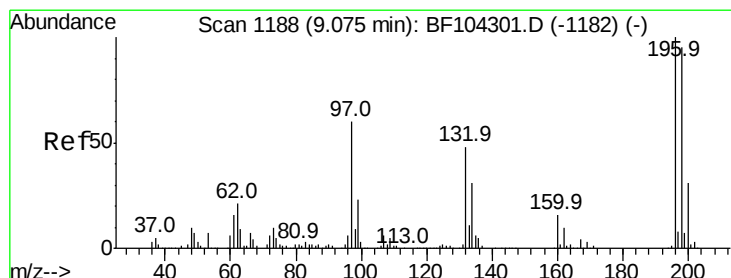
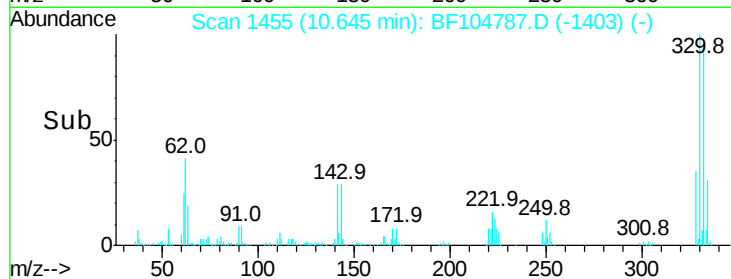
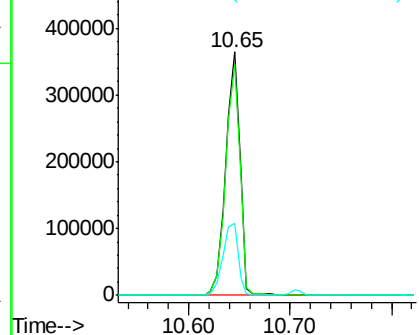
#41
 2,4,6-Tribromophenol
 Concen: 151.138 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	31.9	29.9	44.9

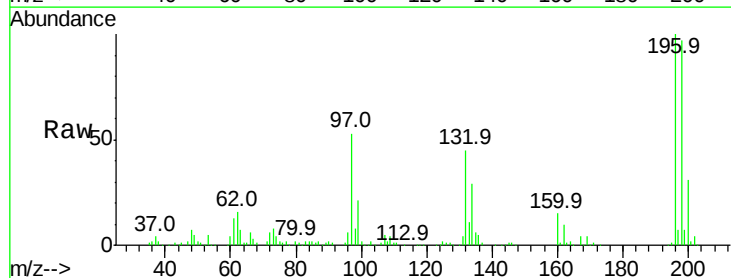


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

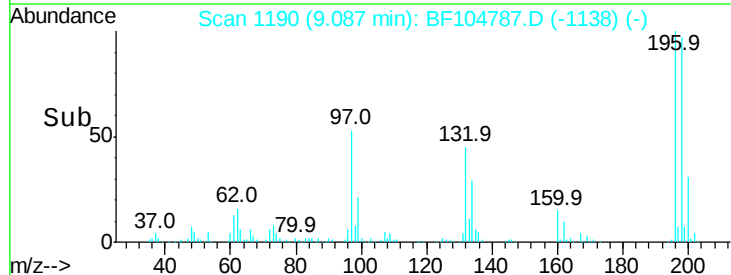
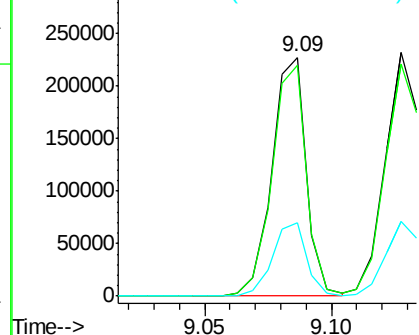


#42
 2,4,6-Trichlorophenol
 Concen: 47.902 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.7	113.5
200	30.9	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

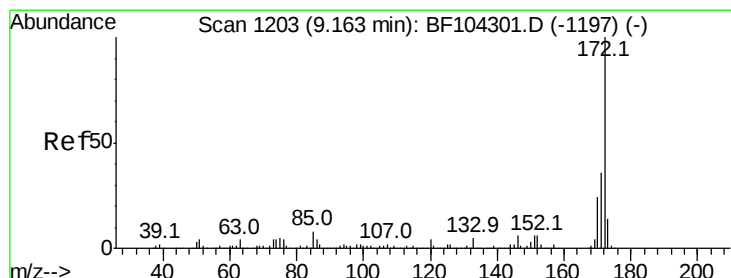
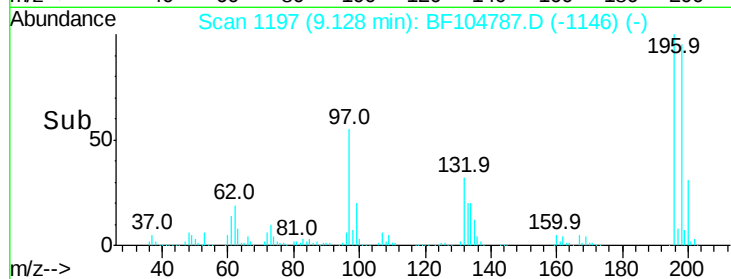
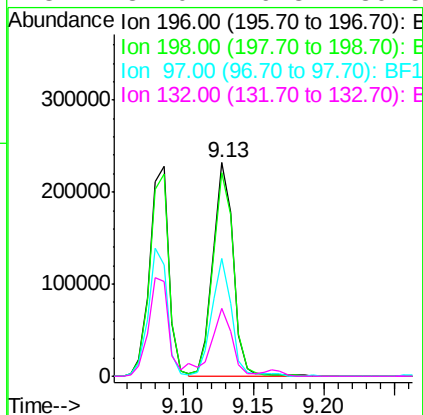
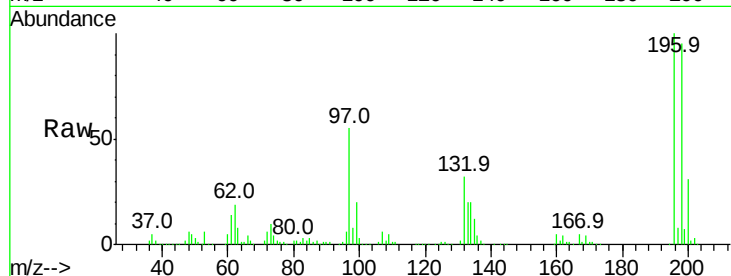




#43
 2,4,5-Trichlorophenol
 Concen: 45.960 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

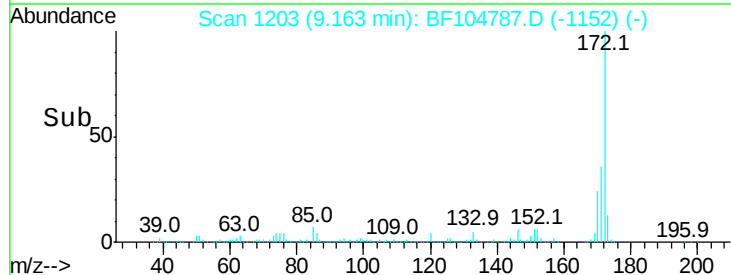
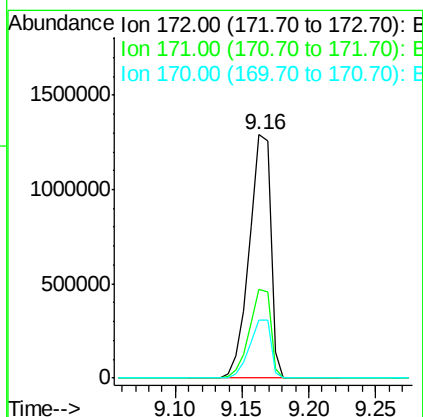
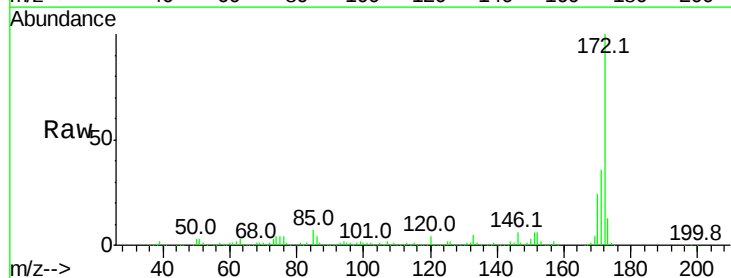
Instrument :
 BNA_F
 ClientSampleId :

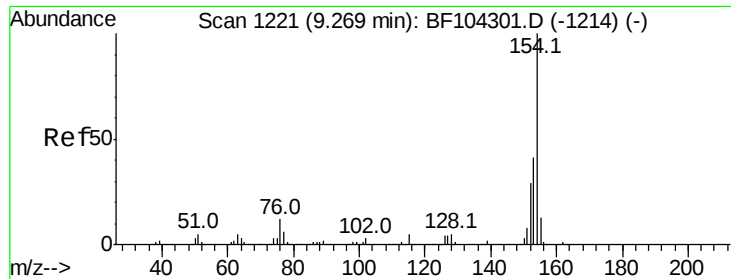
Tot Ion:196 Resp: 231819
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.6 112.0
 97 55.1 42.9 64.3
 132 32.0 26.3 39.5



#44
 2-Fluorobiphenyl
 Concen: 98.069 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

Tgt Ion:172 Resp: 1408110
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.0 19.6 29.4





#45

1,1'-Biphenyl

Concen: 44.984 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.01 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Instrument :

BNA_F

ClientSampled :

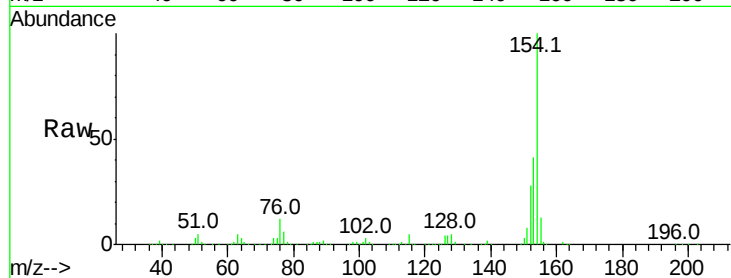
Tot Ion:154 Resp: 857163

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

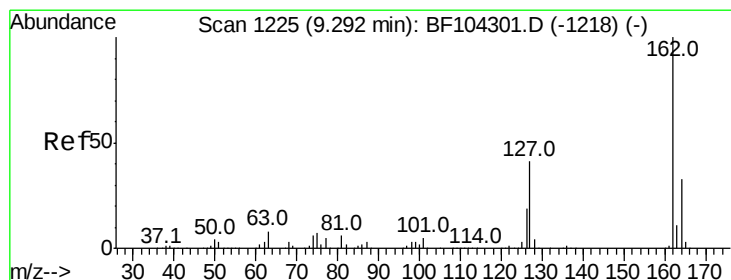
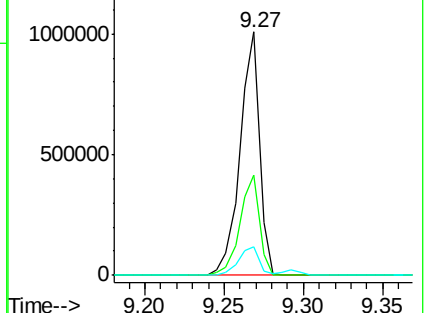
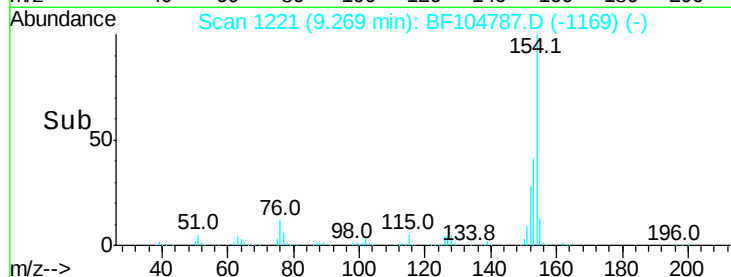
76 11.7 0.0 34.0



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: 44.795 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

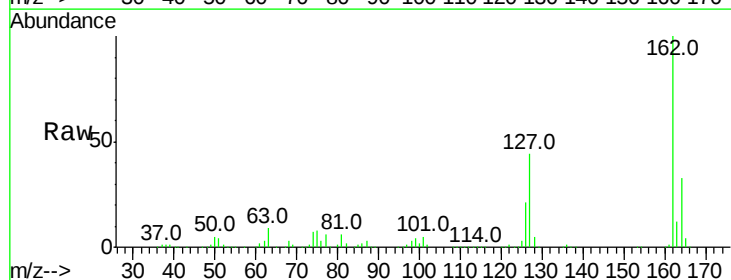
Tgt Ion:162 Resp: 674206

Ion Ratio Lower Upper

162 100

127 44.1 33.9 50.9

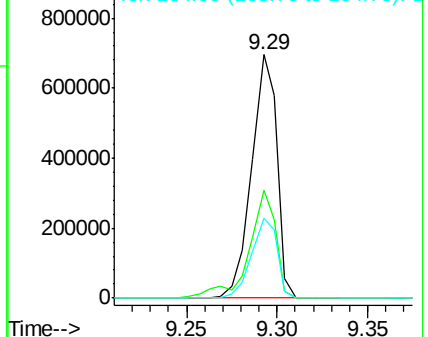
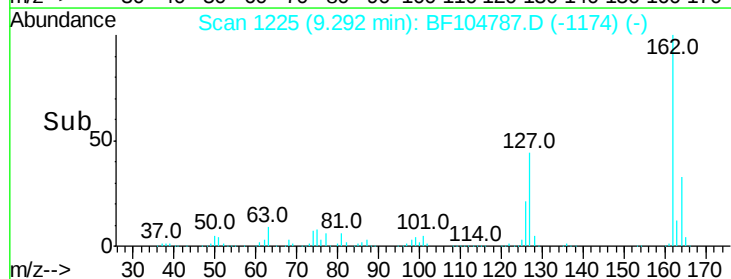
164 32.9 26.5 39.7

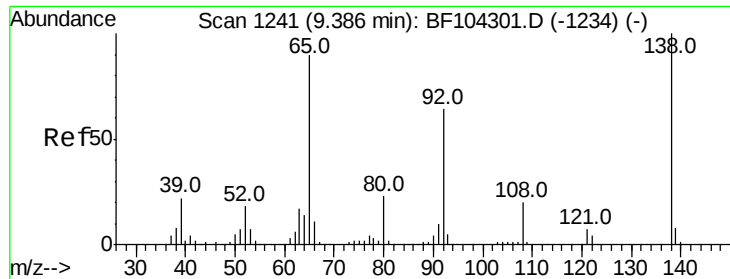


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

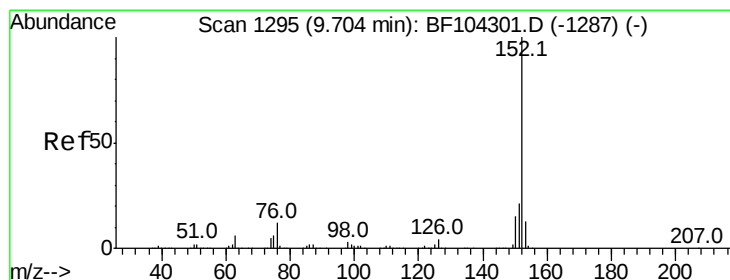
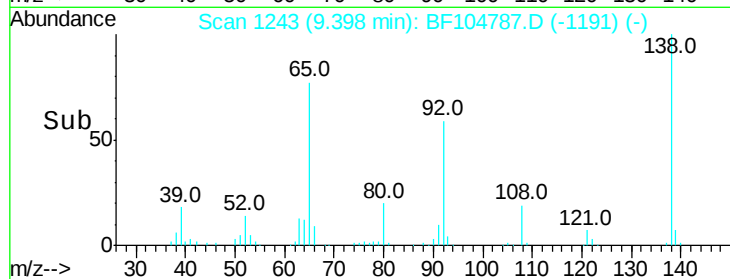
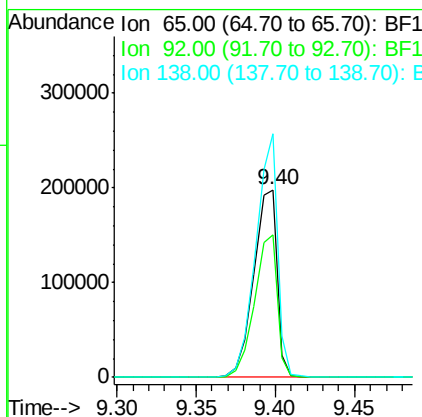
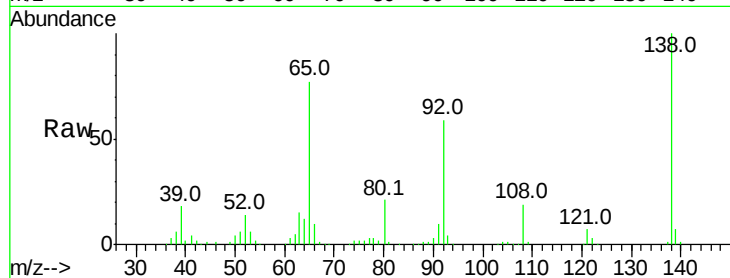




#47
 2-Nitroaniline
 Concen: 55.008 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

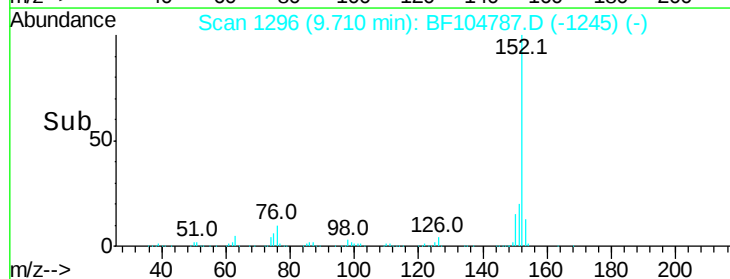
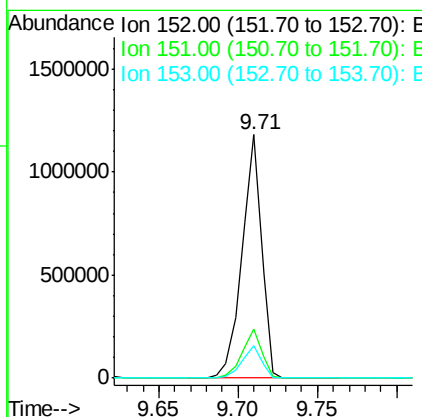
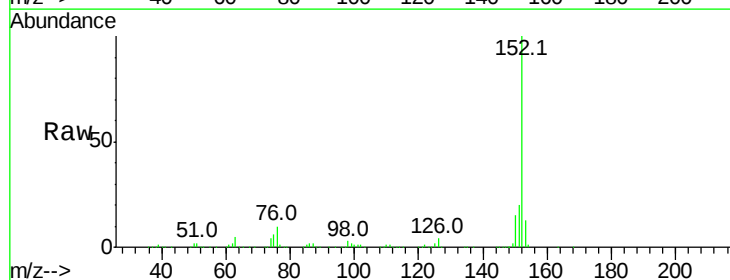
Instrument :
 BNA_F
 ClientSampleId :

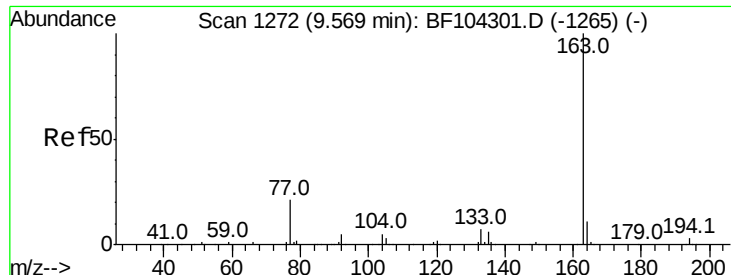
Tot Ion: 65 Resp: 204745
 Ion Ratio Lower Upper
 65 100
 92 76.2 55.8 83.6
 138 129.9 91.2 136.8



#48
 Acenaphthylene
 Concen: 42.535 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

Tgt Ion:152 Resp: 1004451
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 13.4 10.7 16.1

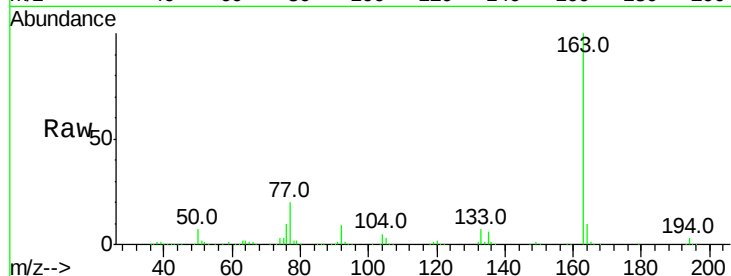




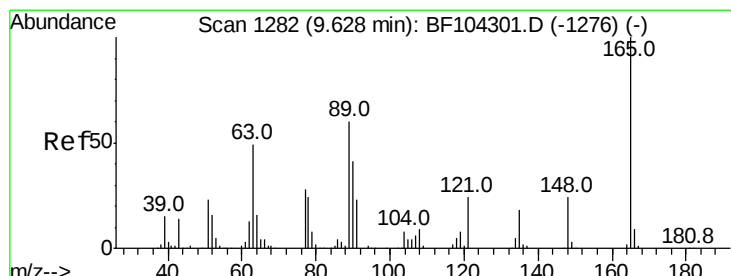
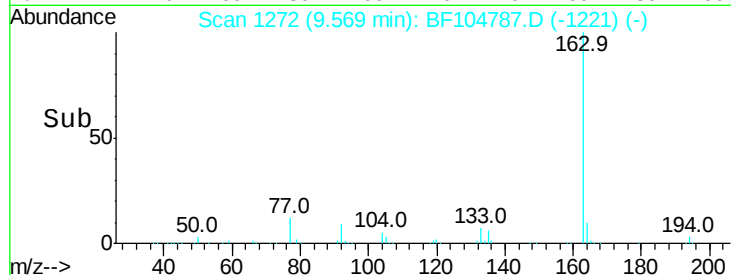
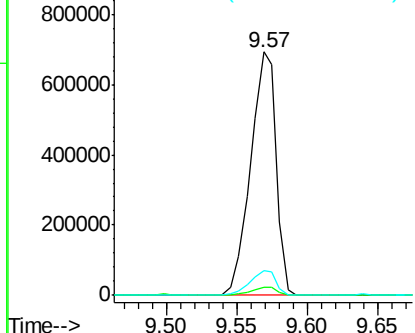
#49
Dimethylphthalate
Concen: 49.358 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 882869
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 8.2 12.2

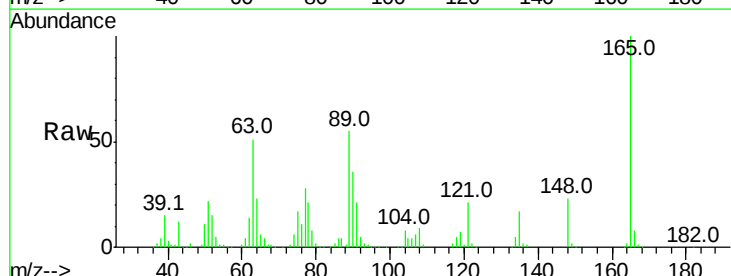


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

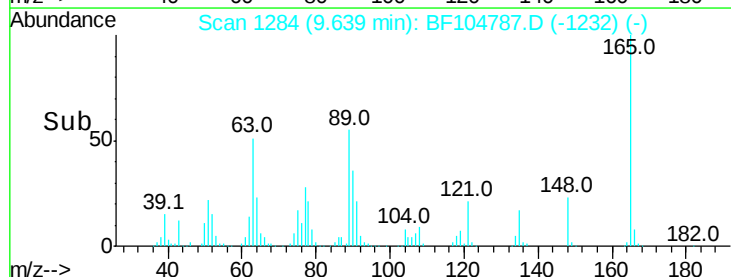
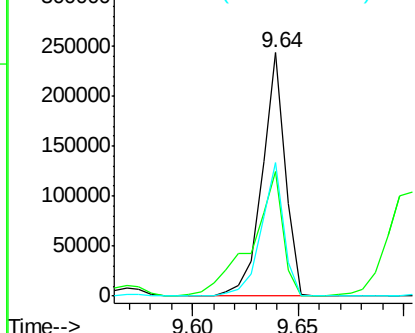


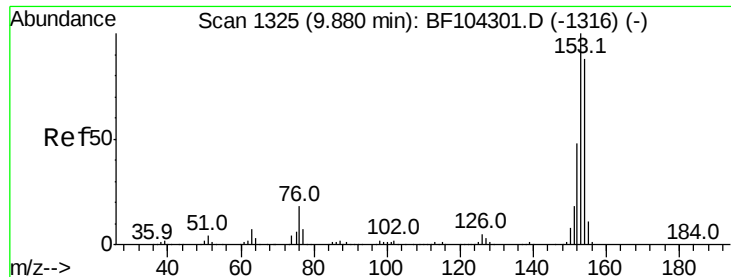
#50
2,6-Dinitrotoluene
Concen: 55.840 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

Tgt Ion:165 Resp: 184817
Ion Ratio Lower Upper
165 100
63 51.4 44.7 67.1
89 55.1 44.0 66.0



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





#51

Acenaphthene

Concen: 41.416 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Instrument :

BNA_F

ClientSampleId :

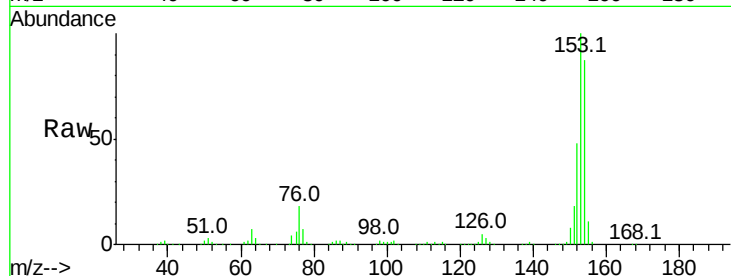
Tot Ion:154 Resp: 596718

Ion Ratio Lower Upper

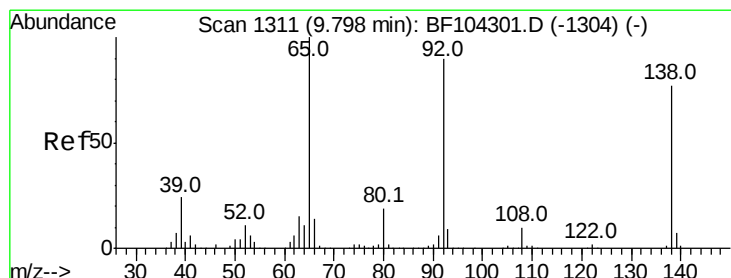
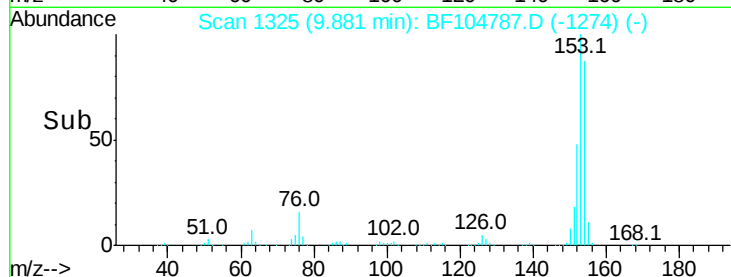
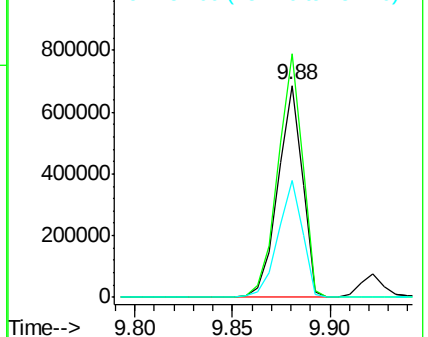
154 100

153 114.9 91.2 136.8

152 55.2 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: 16.205 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

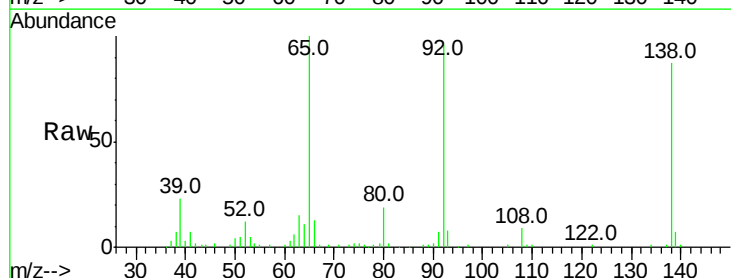
Tgt Ion:138 Resp: 62792

Ion Ratio Lower Upper

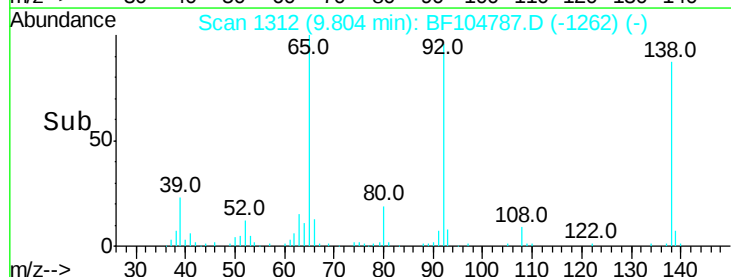
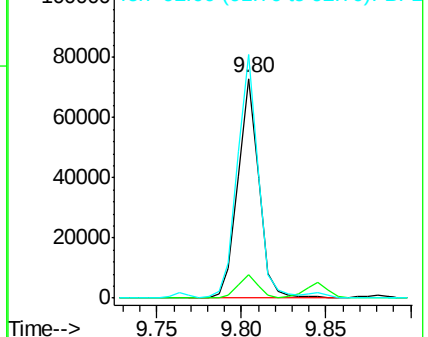
138 100

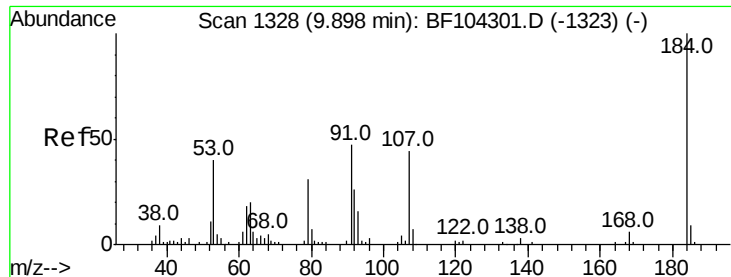
108 10.6 9.4 14.0

92 110.9 89.4 134.2



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

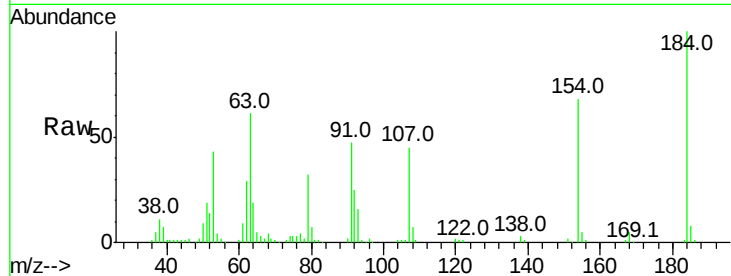




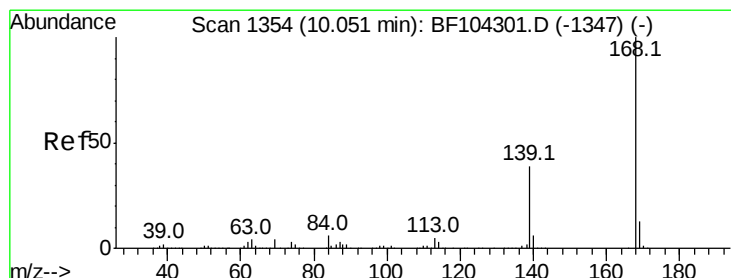
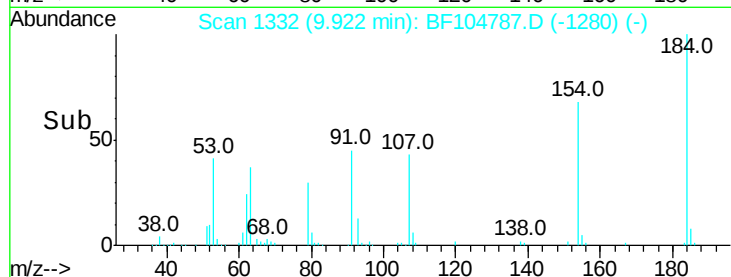
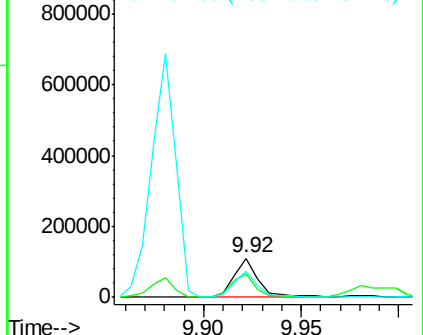
#53
 2,4-Dinitrophenol
 Concen: 73.532 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 96737
 Ion Ratio Lower Upper
 184 100
 63 60.9 54.2 81.2
 154 67.7 184.0 276.0#

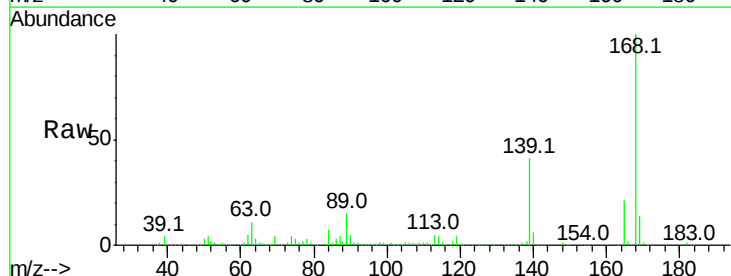


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

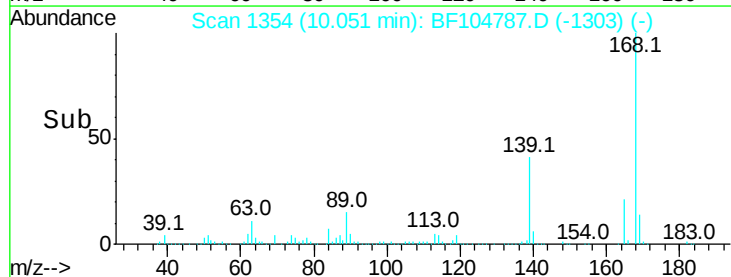
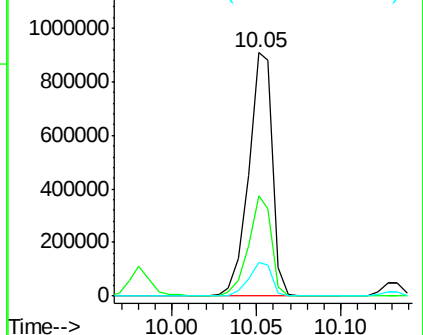


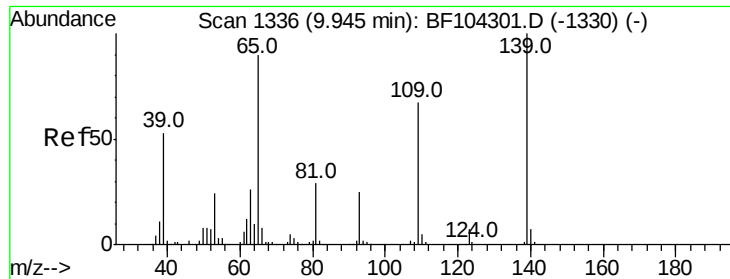
#54
 Dibenzofuran
 Concen: 44.526 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

Tgt Ion:168 Resp: 894037
 Ion Ratio Lower Upper
 168 100
 139 41.2 30.1 45.1
 169 13.9 10.9 16.3



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

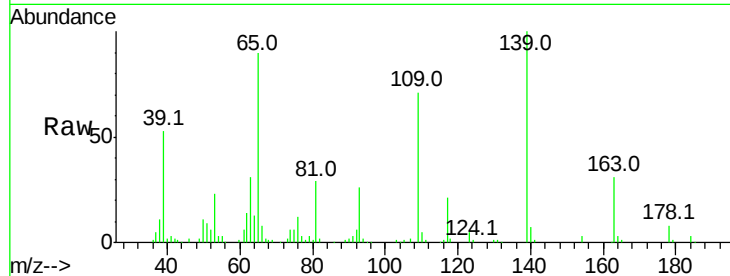




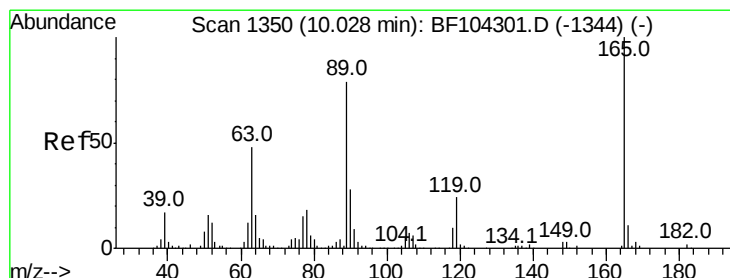
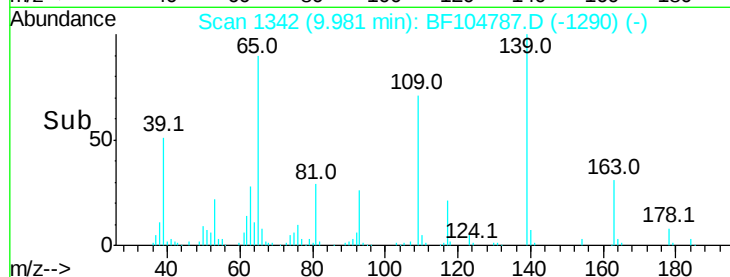
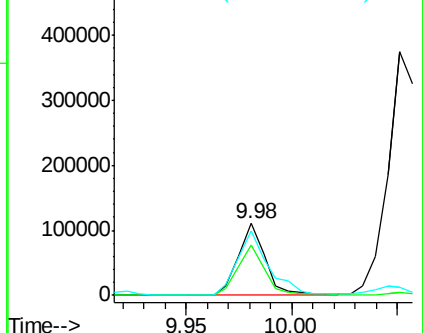
#55
4-Nitrophenol
Concen: 32.525 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 98998
Ion Ratio Lower Upper
139 100
109 70.5 48.4 88.4
65 90.4 72.6 112.6

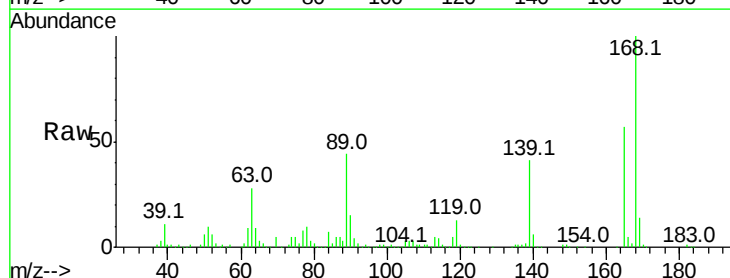


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

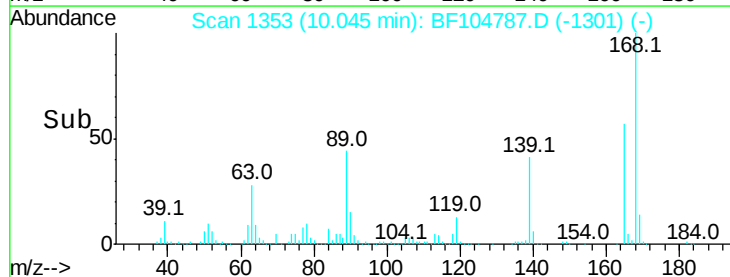
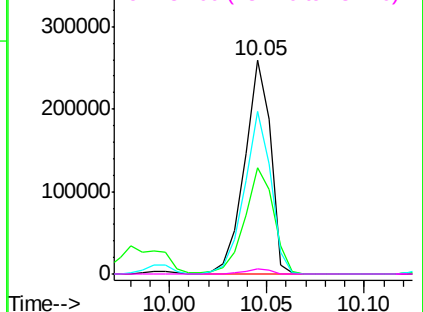


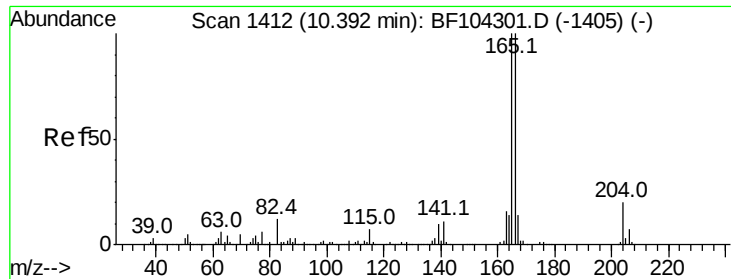
#56
2,4-Dinitrotoluene
Concen: 54.878 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

Tgt Ion:165 Resp: 238252
Ion Ratio Lower Upper
165 100
63 49.6 36.4 54.6
89 76.2 57.8 86.6
182 2.5 1.6 2.4#



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

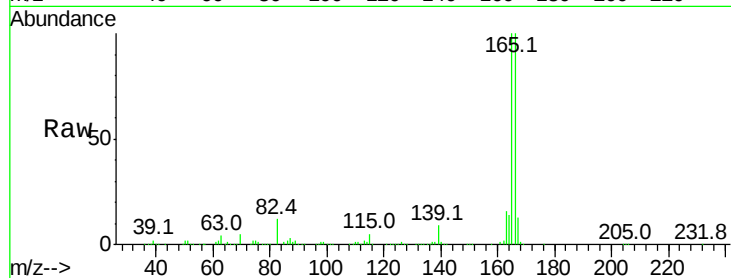




#57
 Fluorene
 Concen: 49.981 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	166	Resp	730477
Ion Ratio	Lower	Upper	
166	100		
165	100.0	79.8	119.8
167	13.2	10.6	16.0

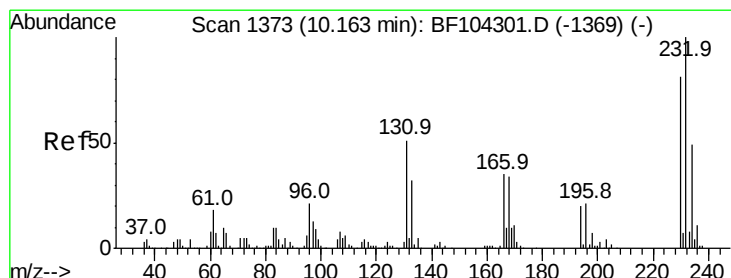
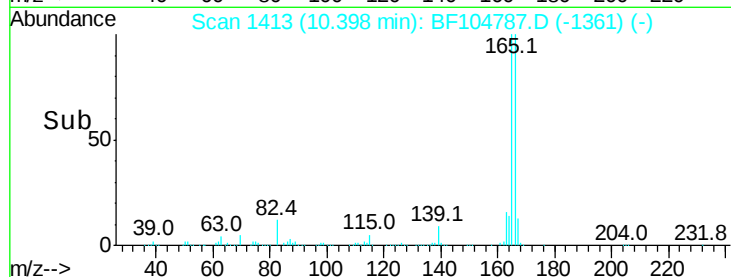
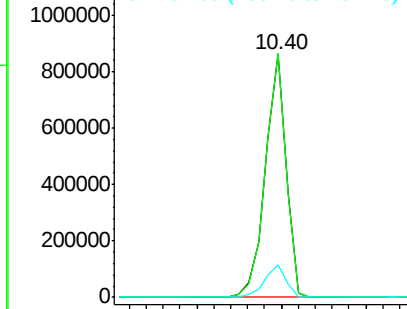


Abundance

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: 49.289 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

Tgt Ion	232	Resp	185473
Ion Ratio	Lower	Upper	
232	100		
131	48.4	43.8	65.8
130	2.6	2.1	3.1
166	32.6	27.8	41.6

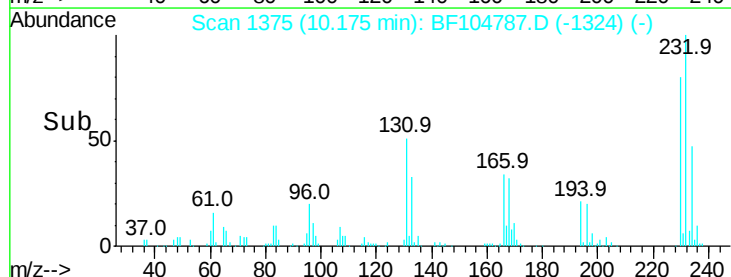
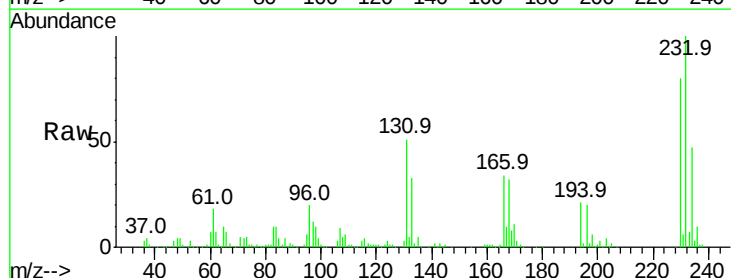
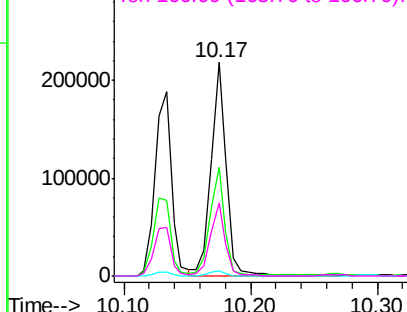
Abundance

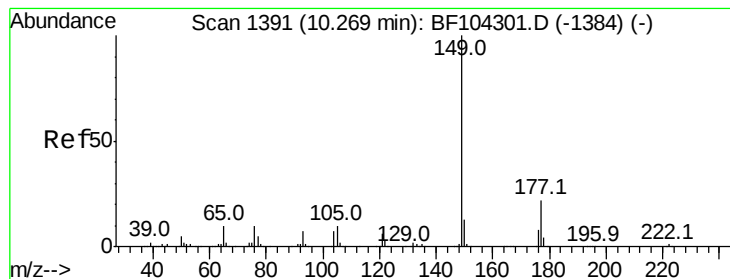
Ion 232.00 (231.70 to 232.70): E

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: 48.313 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Instrument :

BNA_F

ClientSampleId :

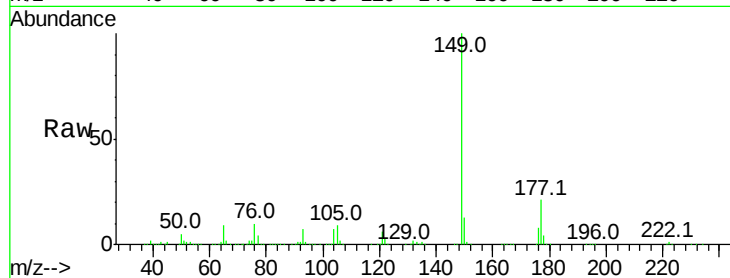
Tot Ion:149 Resp: 860659

Ion Ratio Lower Upper

149 100

177 21.3 16.1 24.1

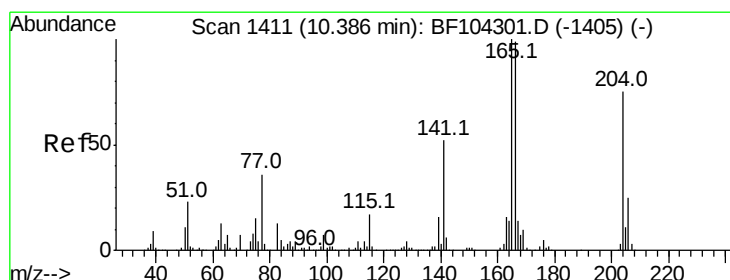
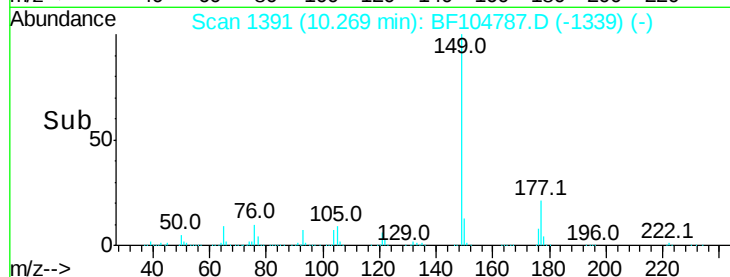
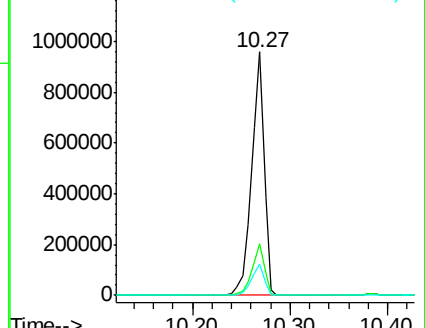
150 12.6 10.1 15.1



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: 52.825 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

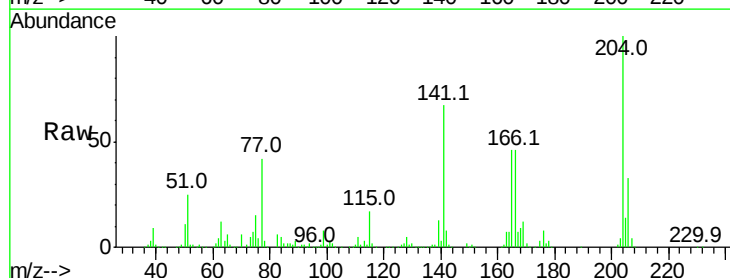
Tgt Ion:204 Resp: 343827

Ion Ratio Lower Upper

204 100

206 33.4 26.5 39.7

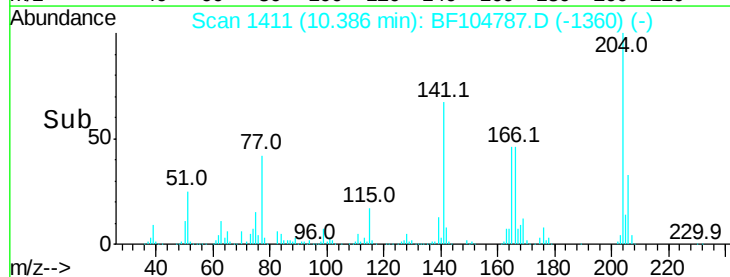
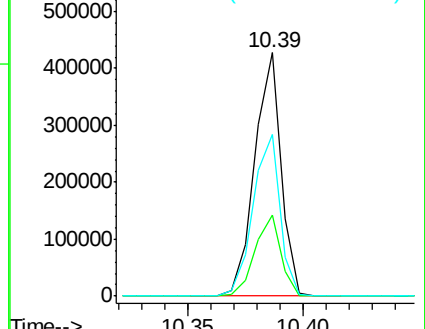
141 66.5 54.6 81.8

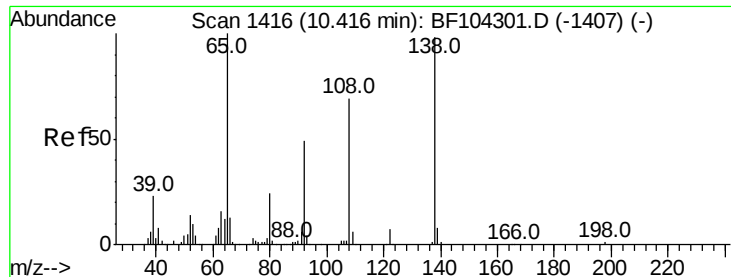


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 47.454 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Instrument :

BNA_F

ClientSampleId :

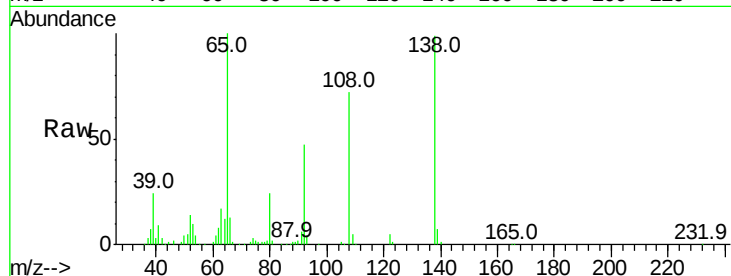
Tot Ion:138 Resp: 179788

Ion Ratio Lower Upper

138 100

92 48.0 30.2 70.2

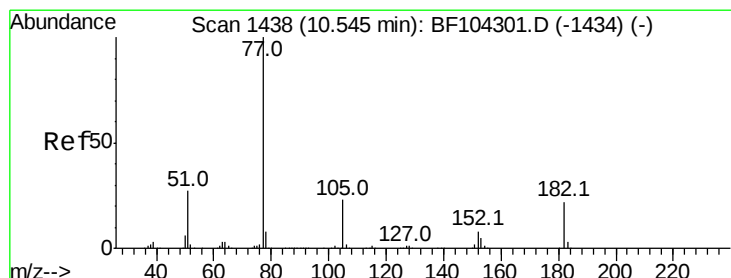
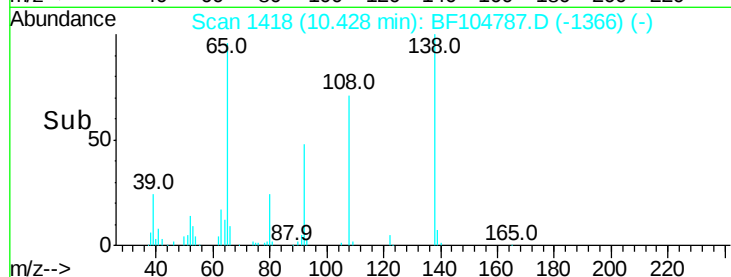
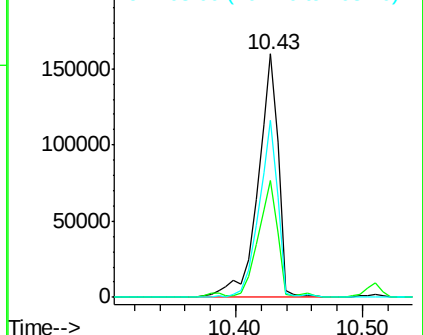
108 72.7 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.709 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Tgt Ion: 77 Resp: 760929

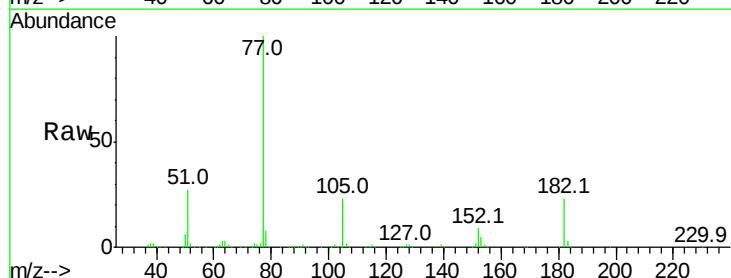
Ion Ratio Lower Upper

77 100

182 23.1 1.7 41.7

105 23.0 3.0 43.0

51 26.8 9.9 49.9

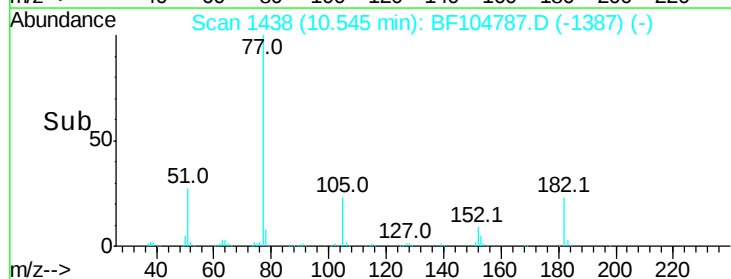
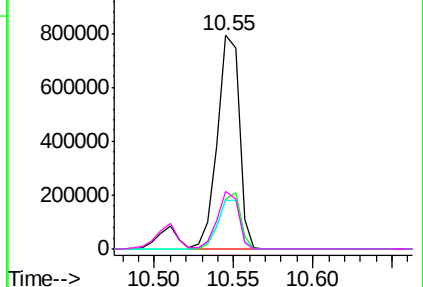


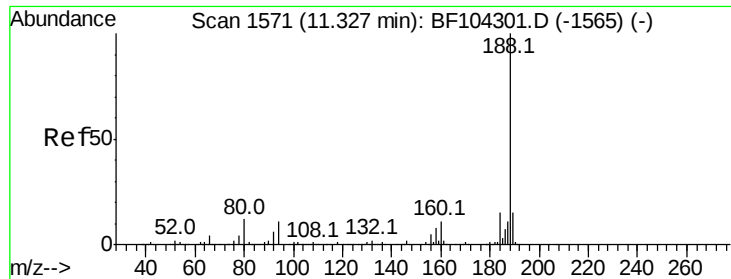
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

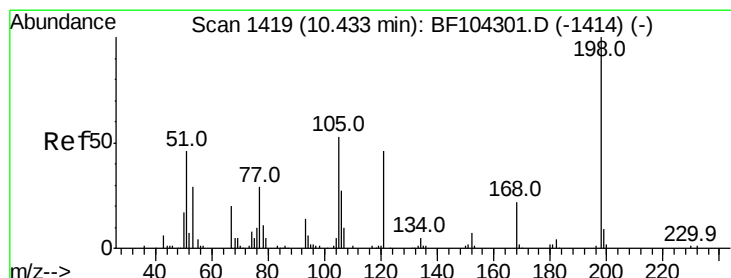
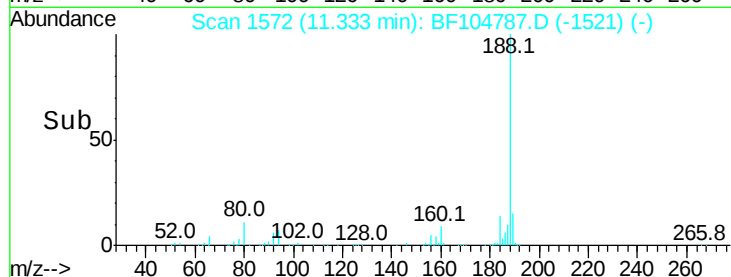
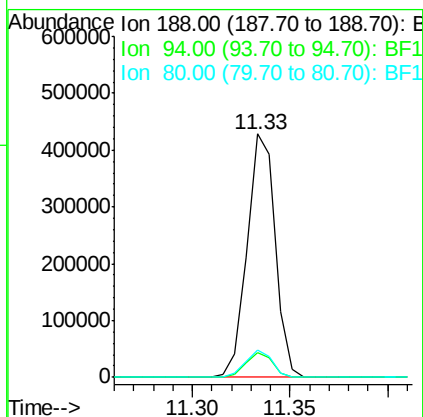
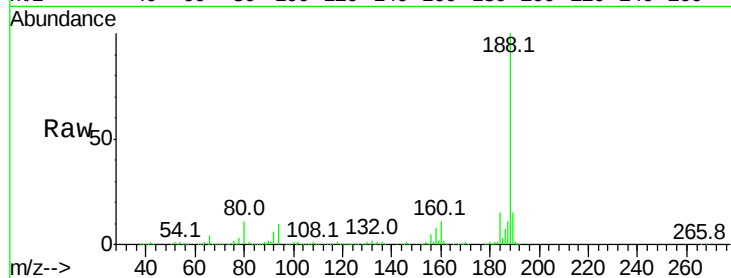




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

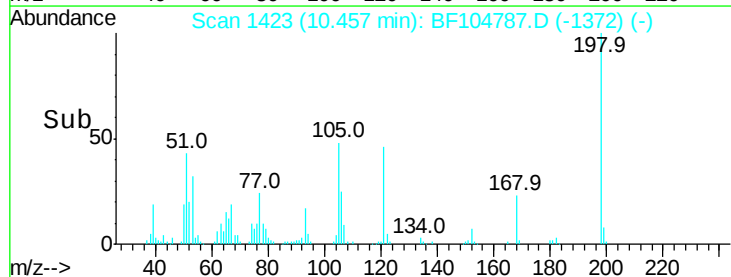
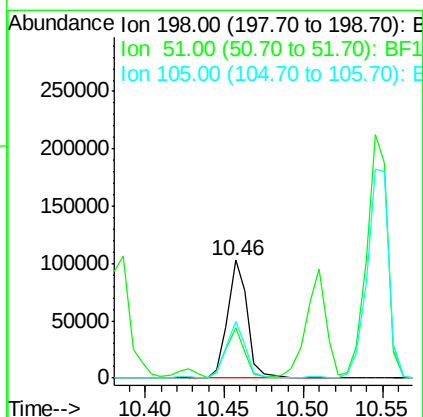
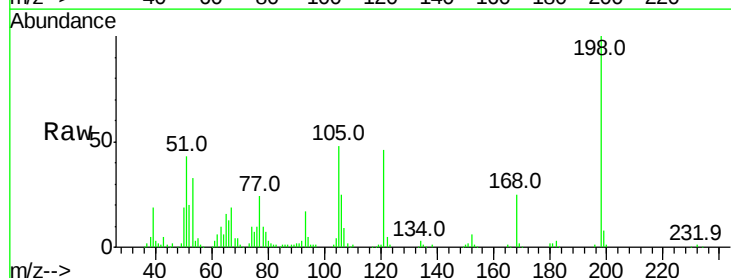
Instrument :
BNA_F
ClientSampleId :

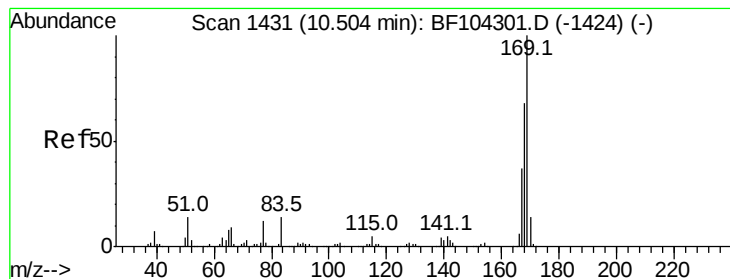
Tot Ion:188 Resp: 426986
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 44.120 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

Tgt Ion:198 Resp: 90291
Ion Ratio Lower Upper
198 100
51 43.0 37.7 77.7
105 47.7 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 45.208 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Instrument :

BNA_F

ClientSampleId :

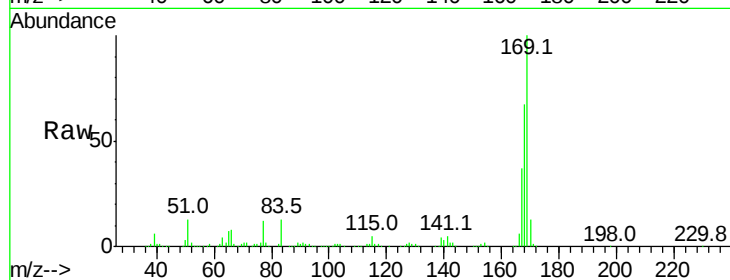
Tot Ion:169 Resp: 669288

Ion Ratio Lower Upper

169 100

168 67.4 54.4 81.6

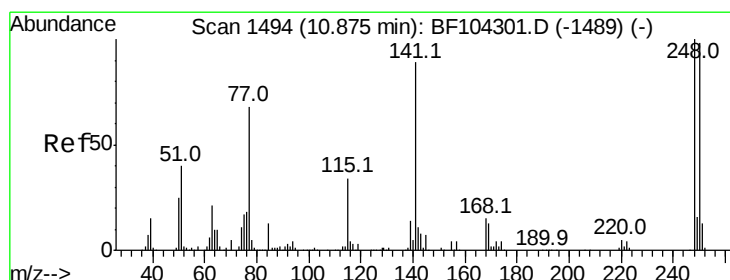
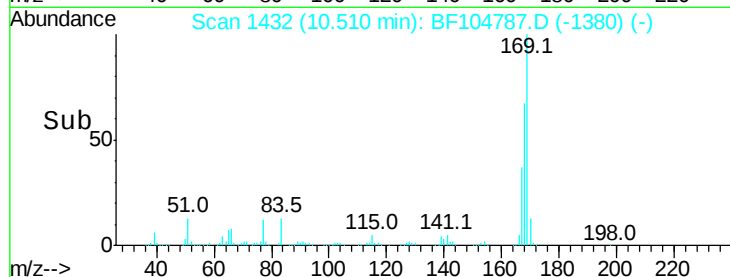
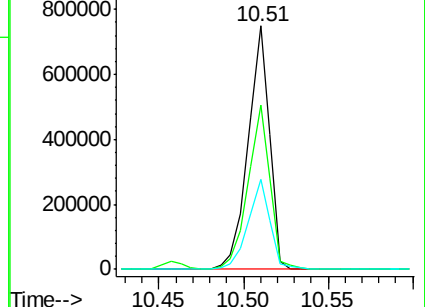
167 36.7 29.8 44.6



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: 48.418 ng

RT: 10.87 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

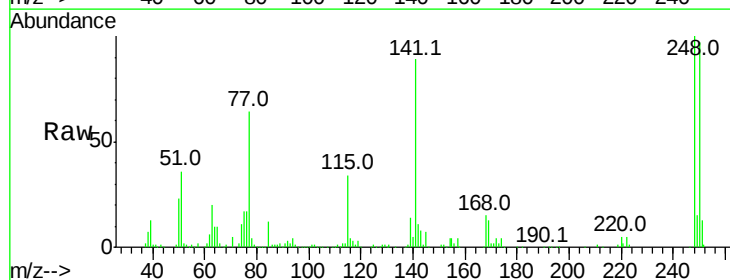
Tgt Ion:248 Resp: 219902

Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

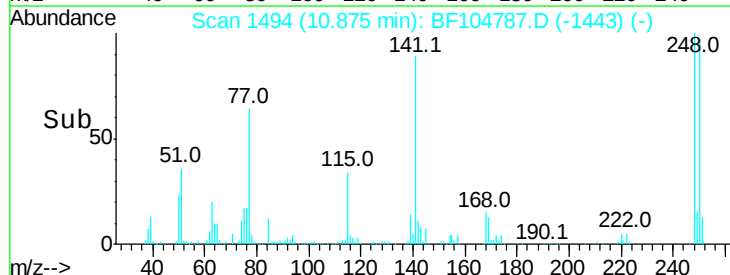
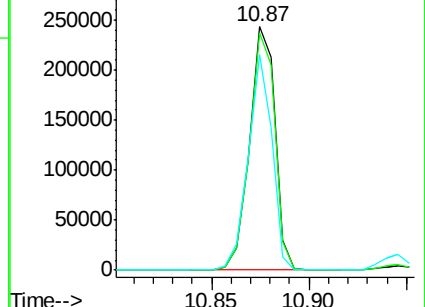
141 88.8 74.4 111.6

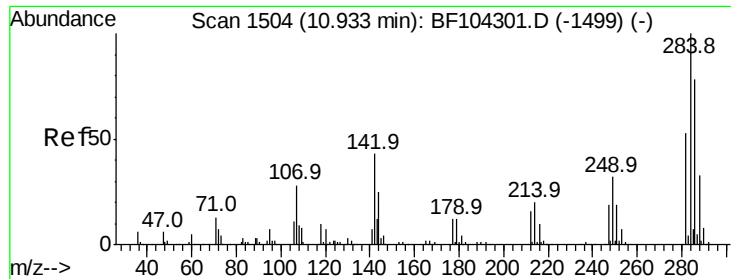


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

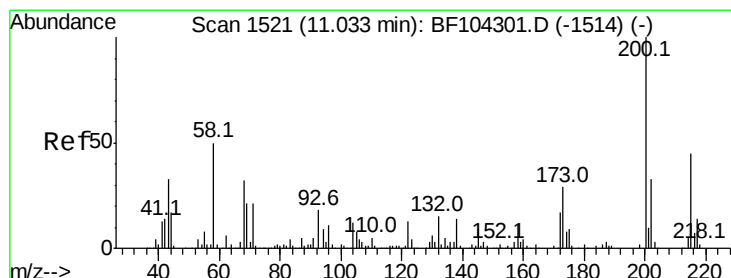
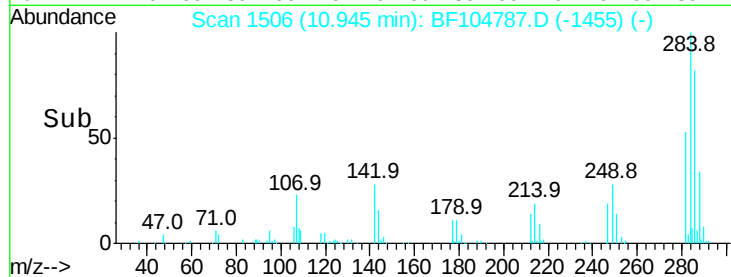
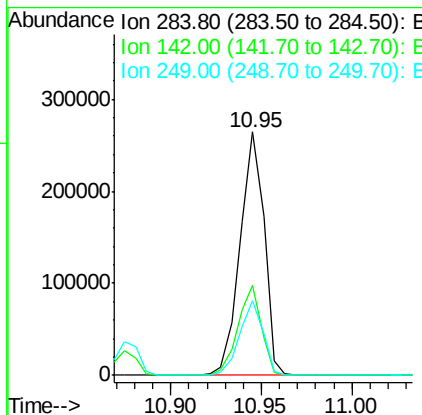
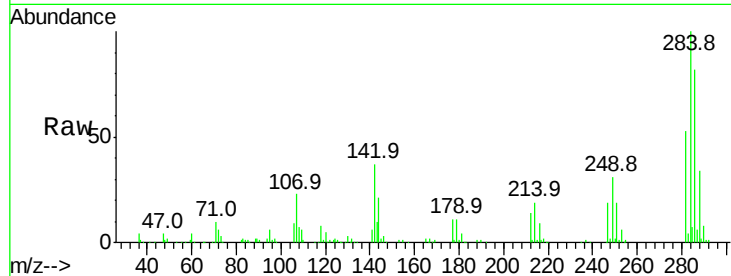




#67
Hexachlorobenzene
Concen: 47.811 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

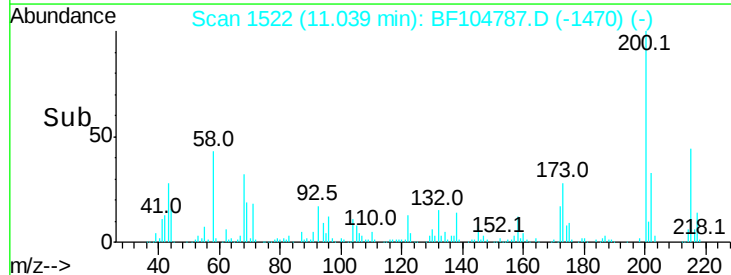
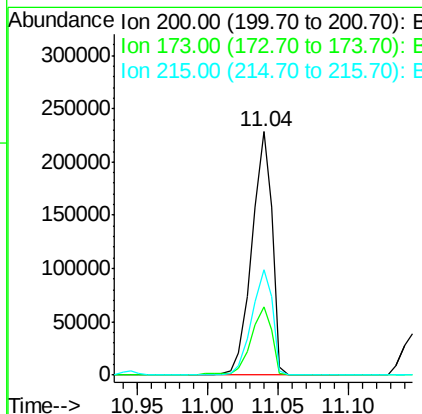
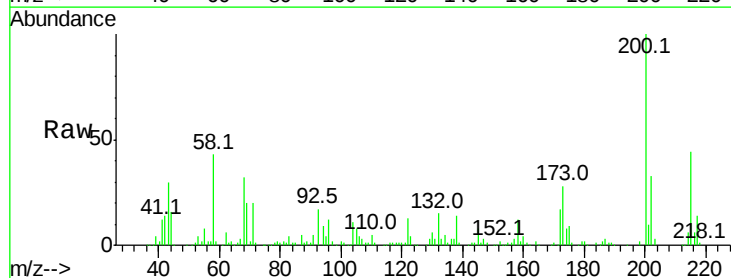
Instrument :
BNA_F
ClientSampleId :

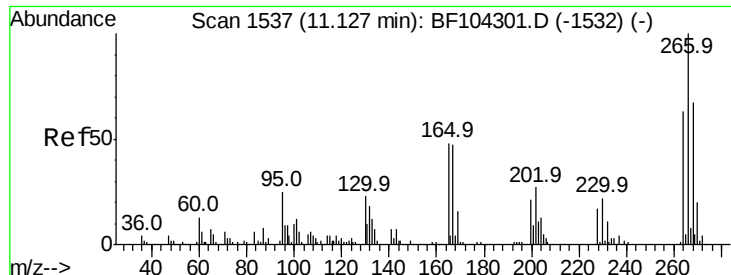
Tot Ion:284 Resp: 244335
Ion Ratio Lower Upper
284 100
142 36.8 34.6 52.0
249 30.9 24.8 37.2



#68
Atrazine
Concen: 51.768 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

Tgt Ion:200 Resp: 231339
Ion Ratio Lower Upper
200 100
173 27.9 8.6 48.6
215 43.5 25.1 65.1

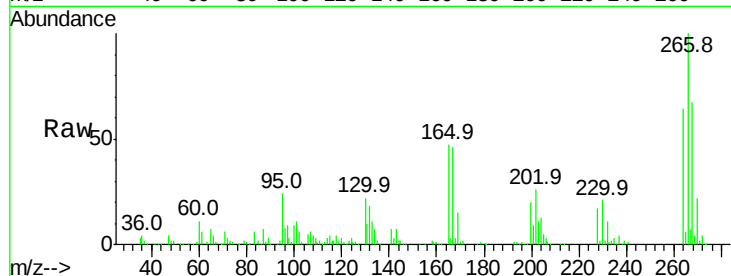




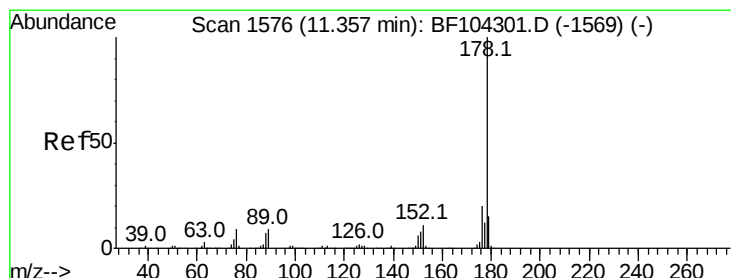
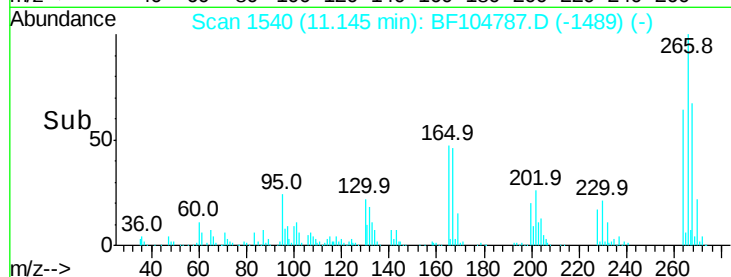
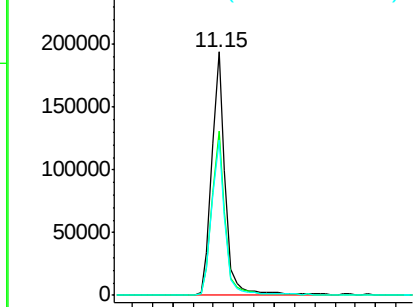
#69
 Pentachlorophenol
 Concen: 57.380 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 181410
 Ion Ratio Lower Upper
 266 100
 268 67.3 51.1 76.7
 264 63.7 49.5 74.3

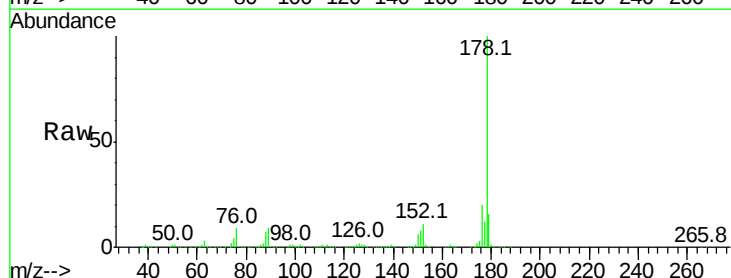


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

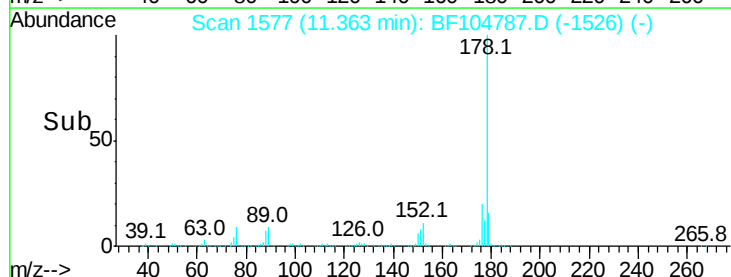
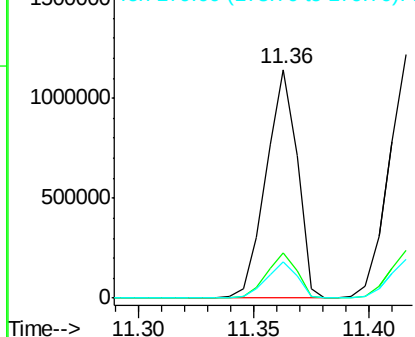


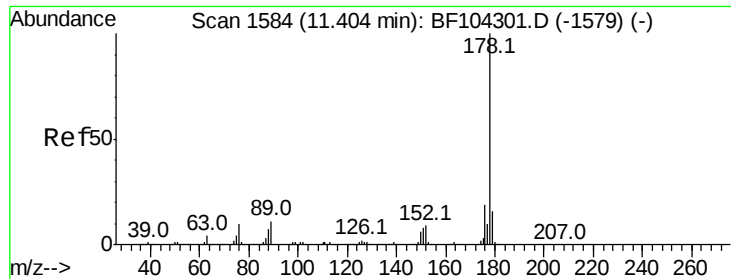
#70
 Phenanthrene
 Concen: 45.165 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

Tgt Ion:178 Resp: 1073955
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.8 13.0 19.6



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

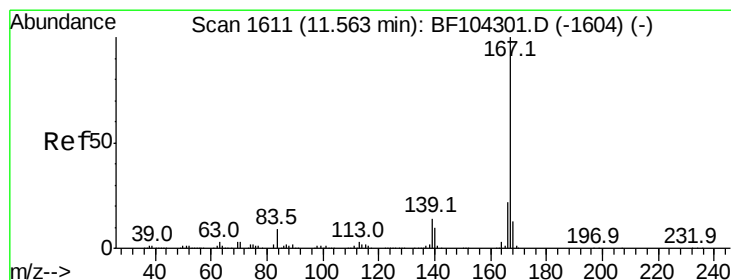
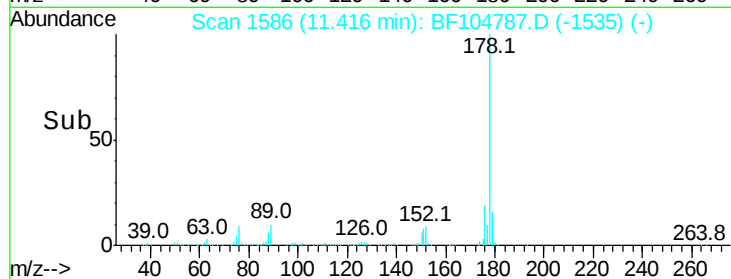
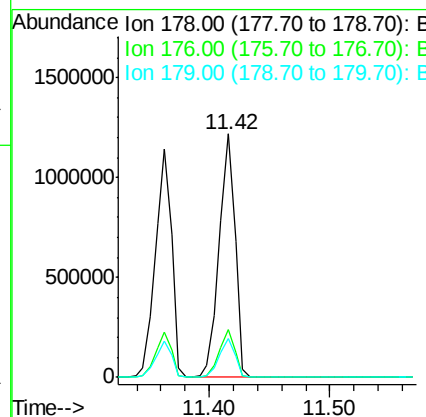
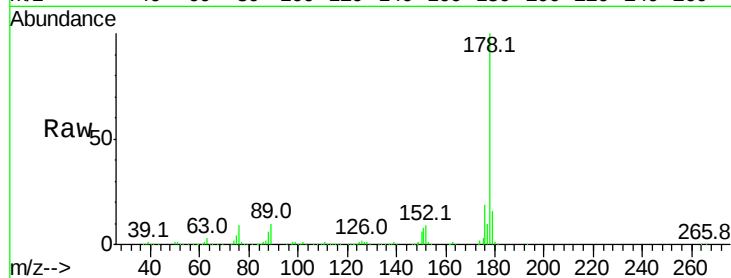




#71
 Anthracene
 Concen: 45.472 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

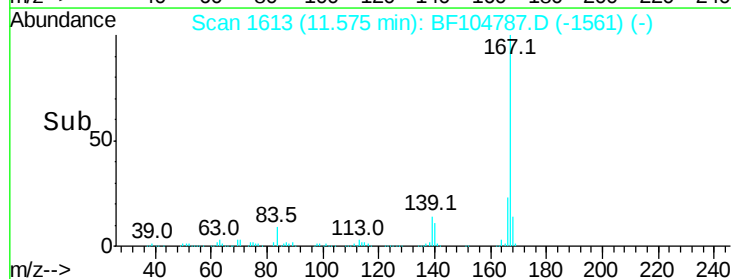
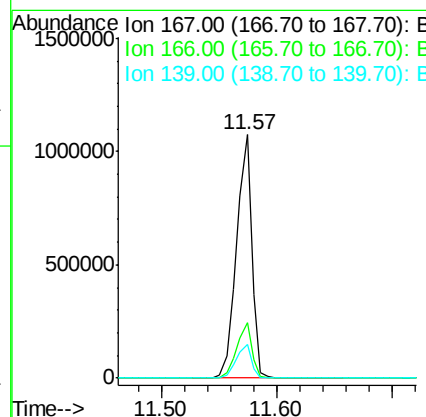
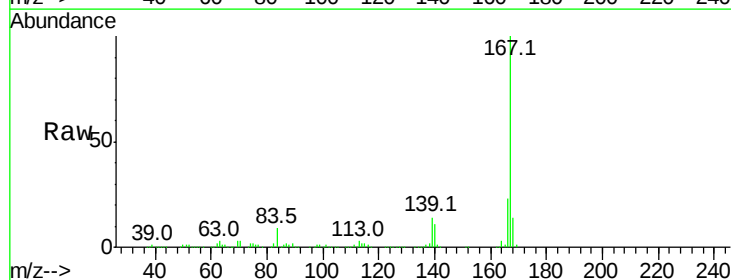
Instrument :
 BNA_F
 ClientSampleId :

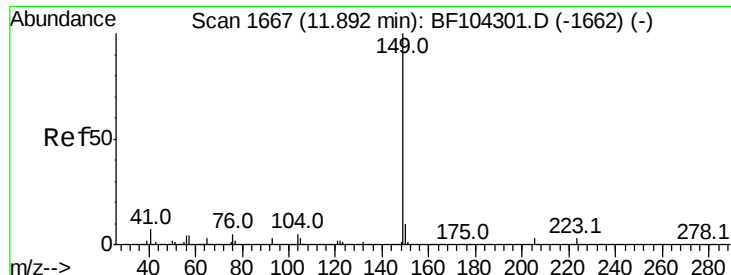
Tot Ion:178 Resp: 1099120
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 41.834 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

Tgt Ion:167 Resp: 988093
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 13.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 45.972 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

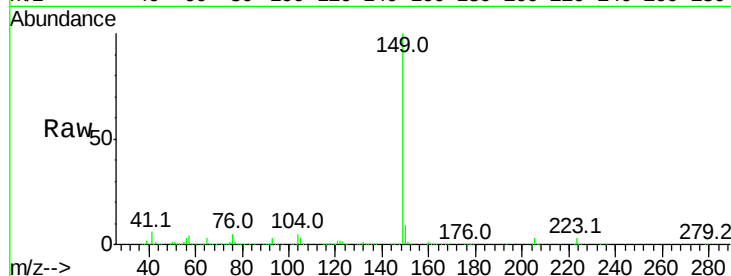
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1326407

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	5.1	3.8	5.8

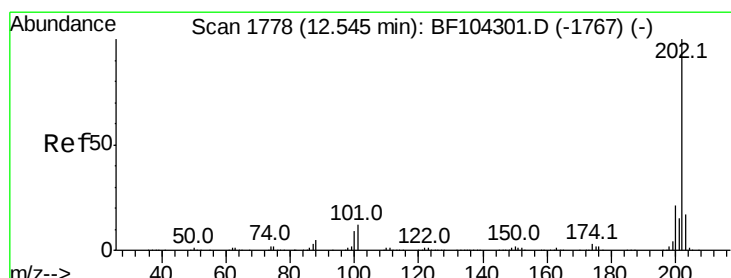
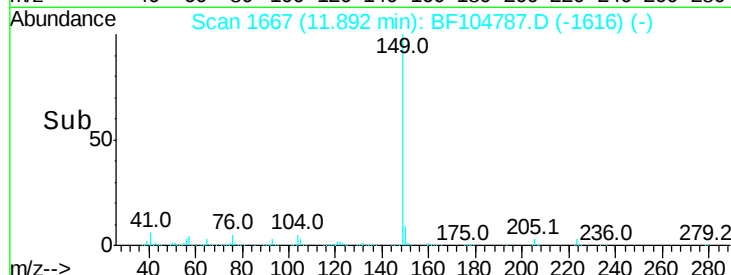
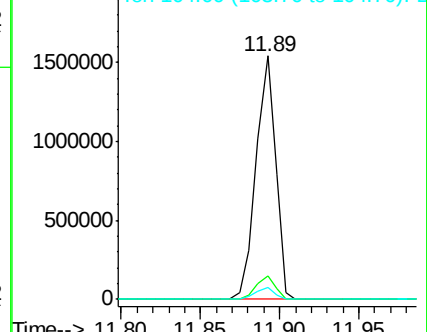


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.154 ng

RT: 12.56 min Scan# 1780

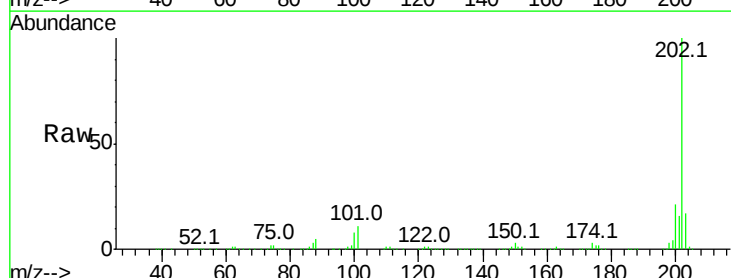
Delta R.T. 0.01 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Tgt Ion:202 Resp: 1047269

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.1
203	17.2	0.0	38.1

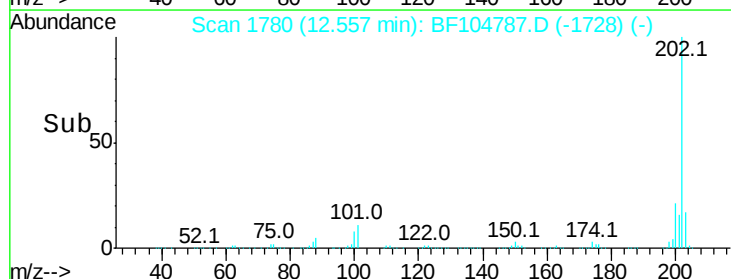
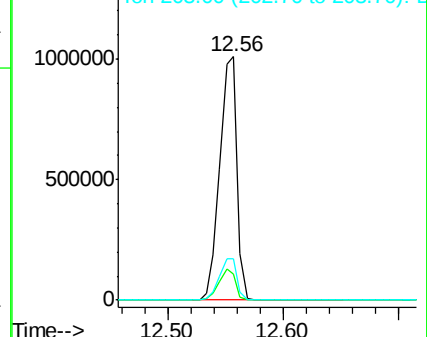


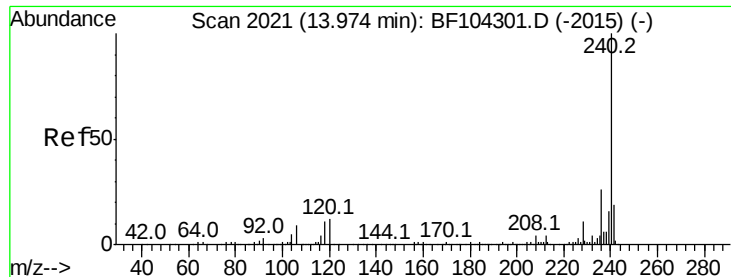
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Instrument :

BNA_F

ClientSampleId :

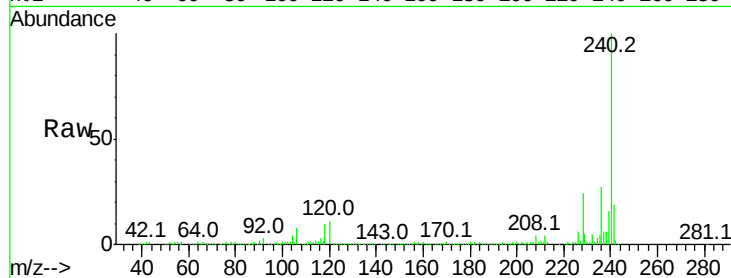
Tot Ion:240 Resp: 259610

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	26.6	20.7	31.1

240 100

120 10.9 9.5 14.3

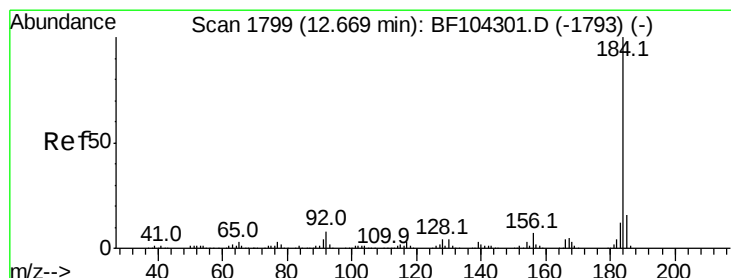
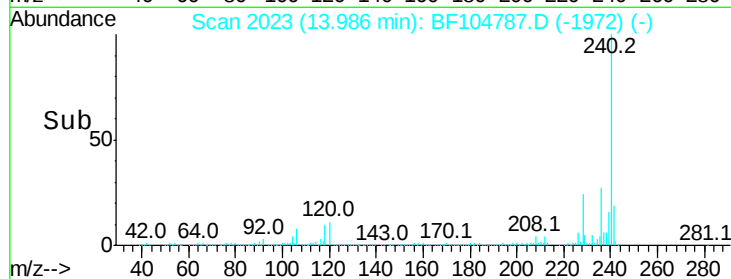
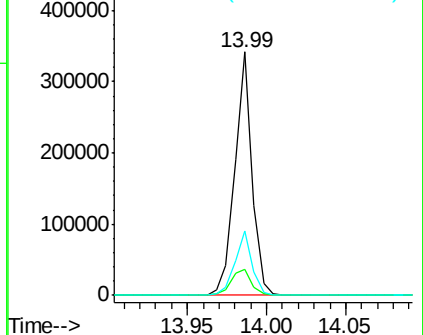
236 26.6 20.7 31.1



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: 23.833 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

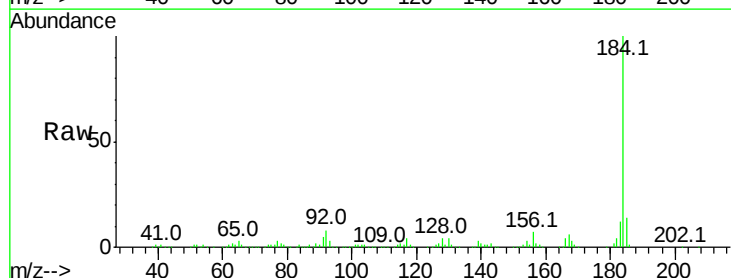
Tgt Ion:184 Resp: 239434

Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.6	18.8
183	11.9	9.3	13.9

184 100

185 13.8 12.6 18.8

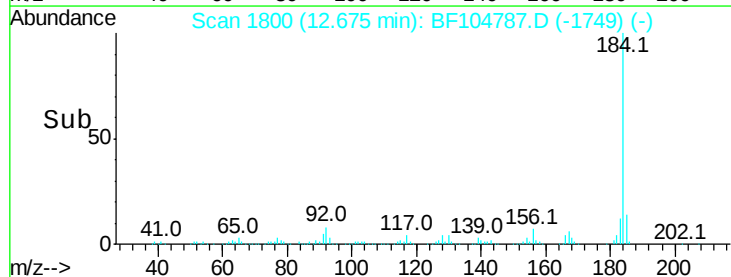
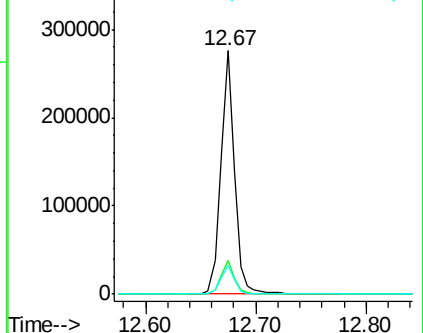
183 11.9 9.3 13.9

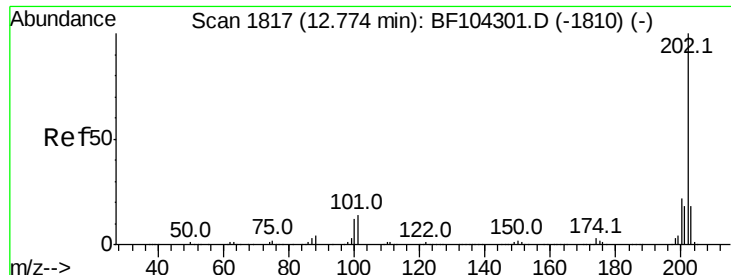


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

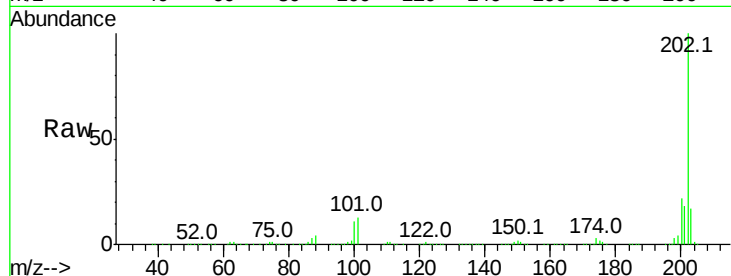




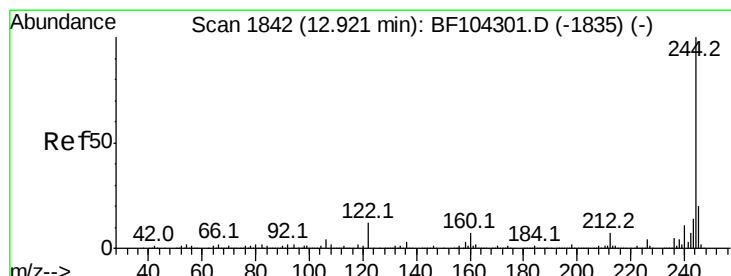
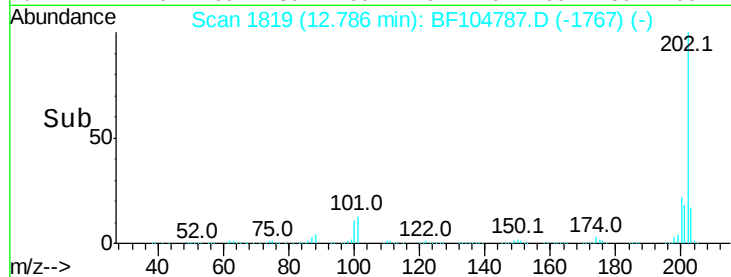
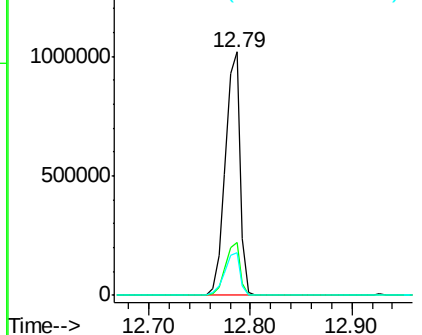
#77
Pvrene
Concen: 53.454 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1028626
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.4 14.3 21.5

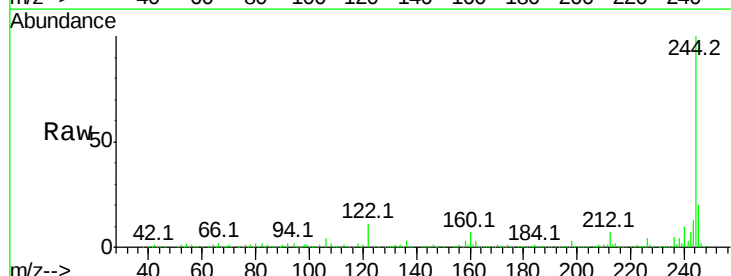


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

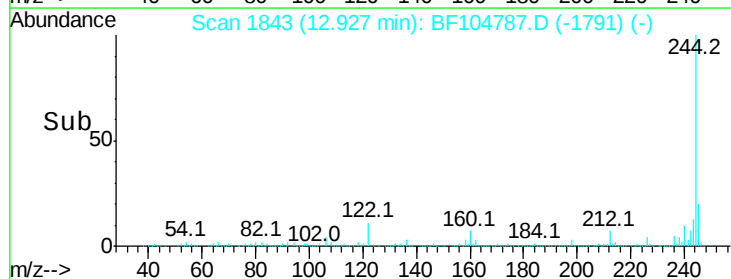
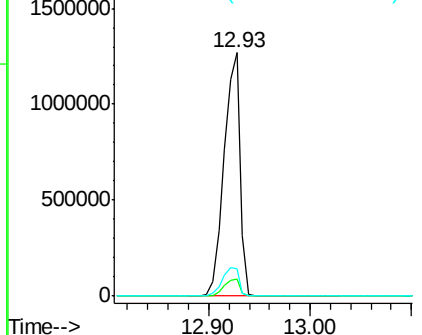


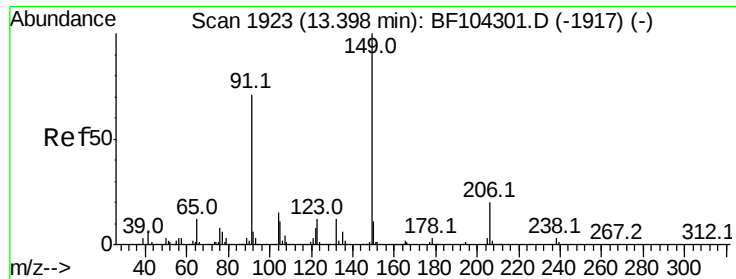
#78
Terphenyl-d14
Concen: 121.893 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

Tgt Ion:244 Resp: 1388031
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 11.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 58.291 ng

RT: 13.39 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Instrument :

BNA_F

ClientSampleId :

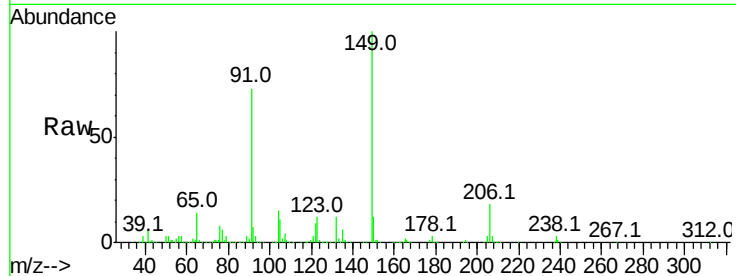
Tot Ion:149 Resp: 528453

Ion Ratio Lower Upper

149 100

91 73.0 56.8 85.2

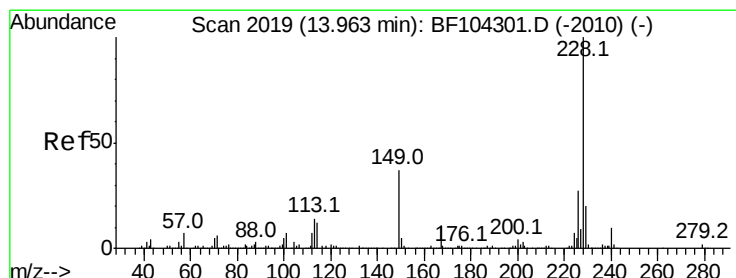
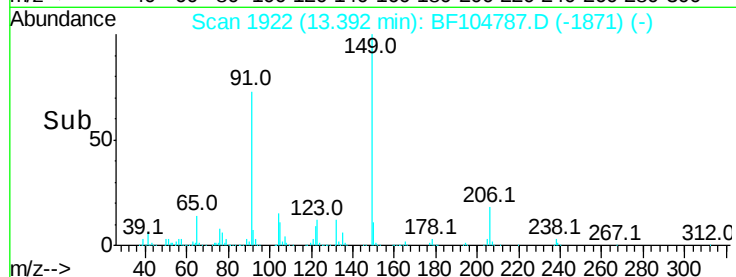
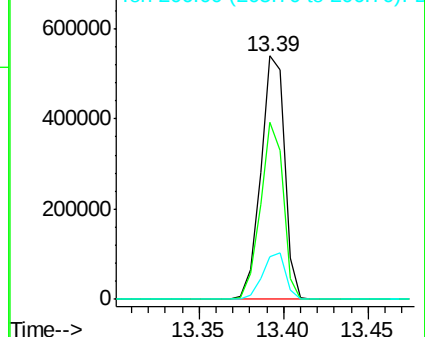
206 17.8 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 50.900 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

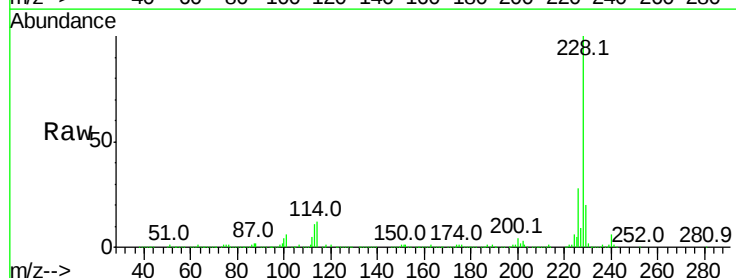
Tgt Ion:228 Resp: 789433

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

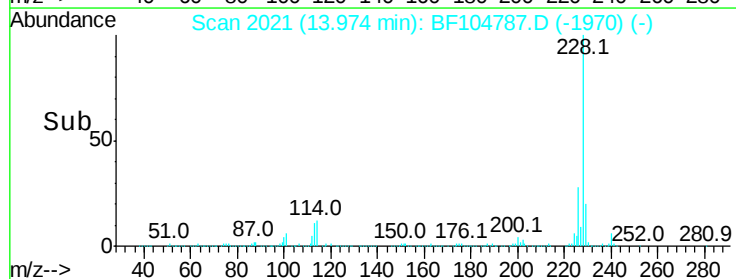
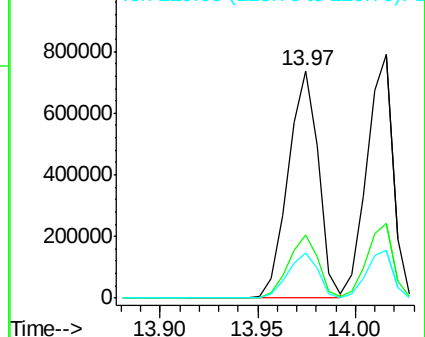
229 20.1 15.8 23.6

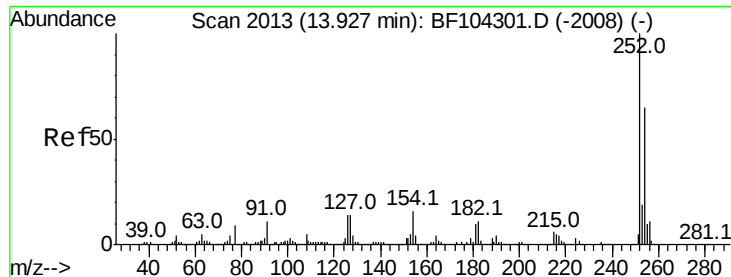


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

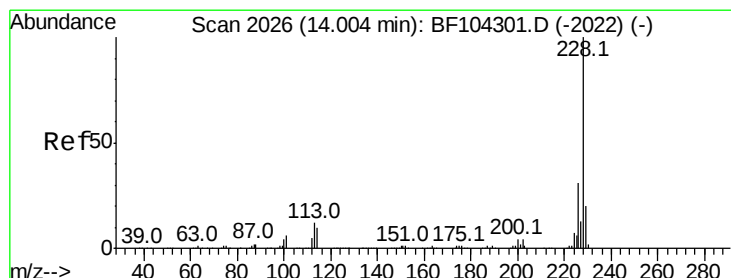
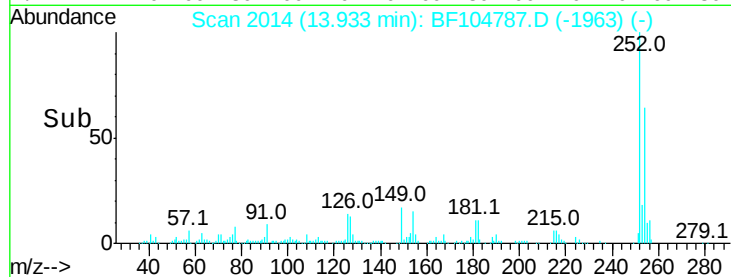
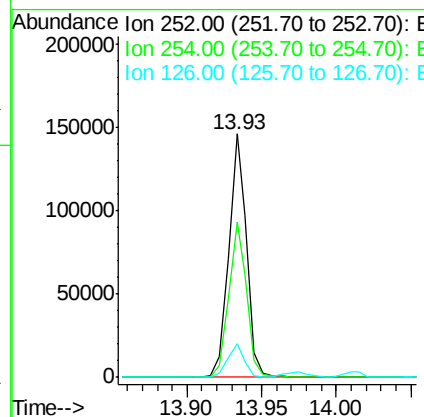
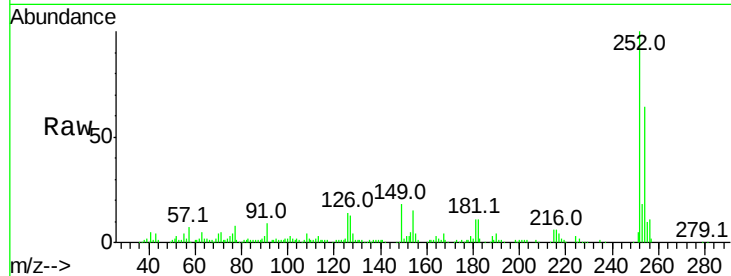




#81
 3,3'-Dichlorobenzidine
 Concen: 21.262 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

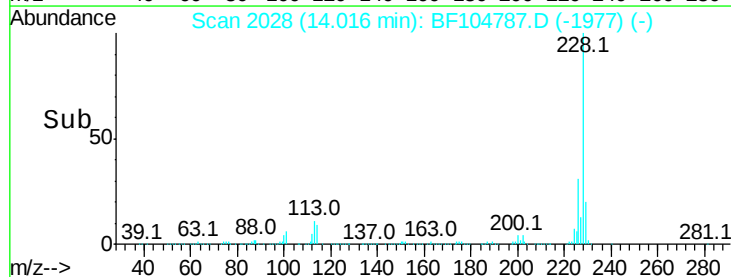
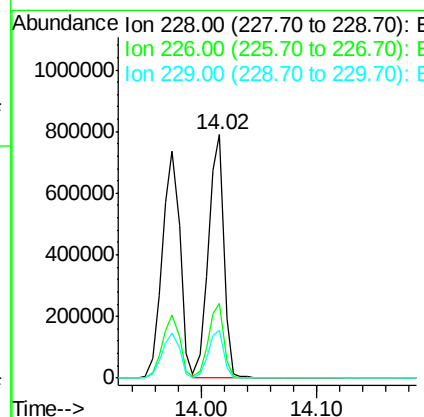
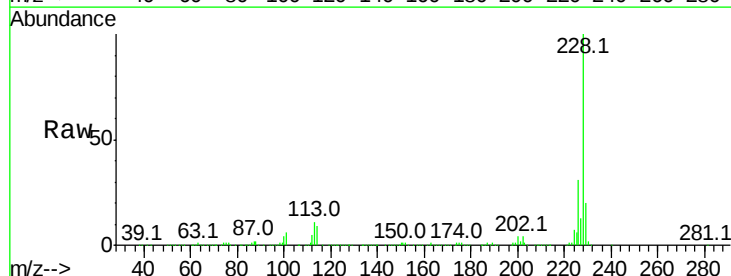
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.4	75.6
126	13.7	11.3	16.9



#82
 Chrysene
 Concen: 46.370 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF104787.D
 Acq: 25 Apr 2018 14:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 62.864 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Instrument :

BNA_F

ClientSampleId :

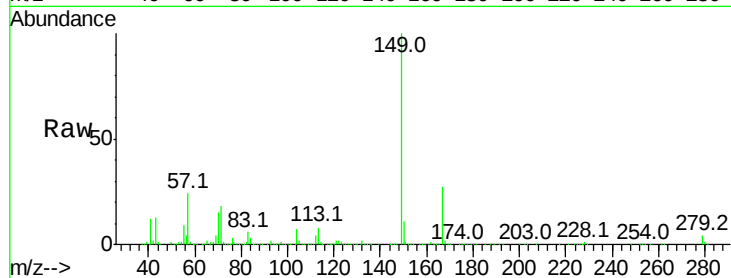
Tot Ion:149 Resp: 733051

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

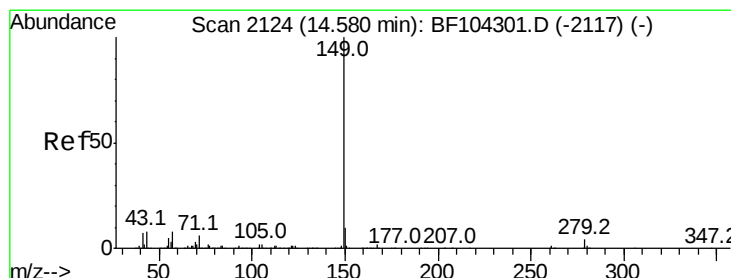
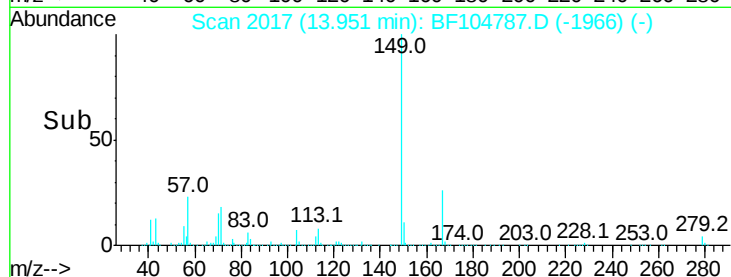
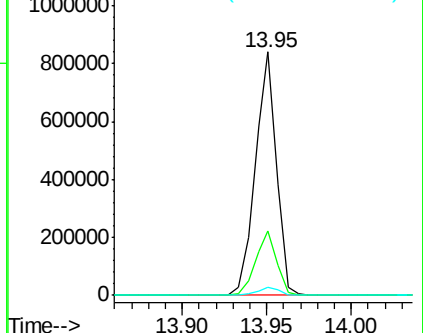
279 3.5 3.0 4.4



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: 55.954 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

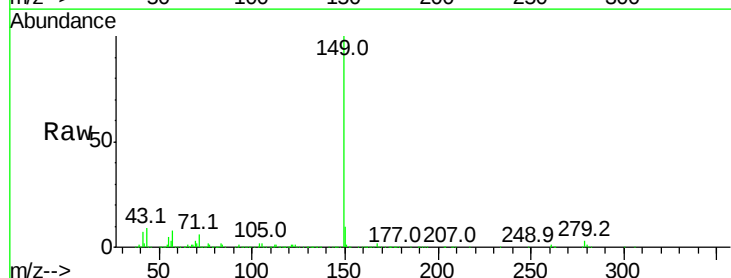
Tgt Ion:149 Resp: 1090224

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

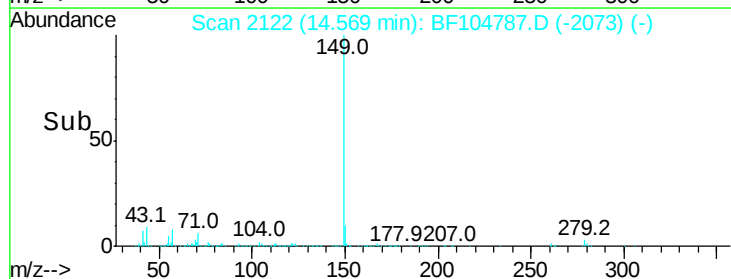
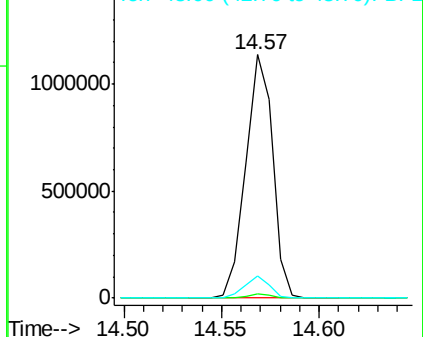
43 8.2 8.4 12.6#

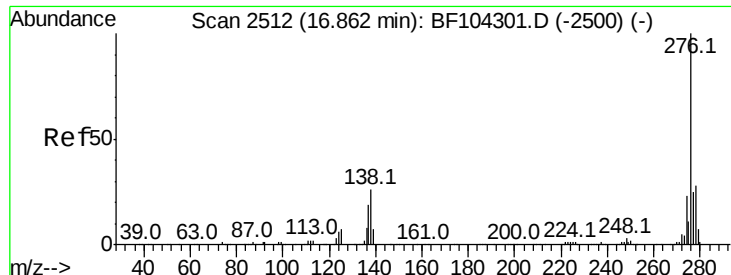


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

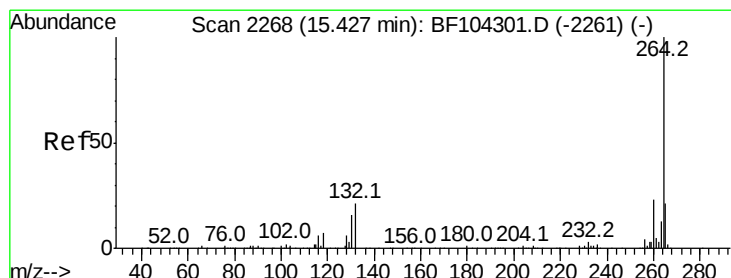
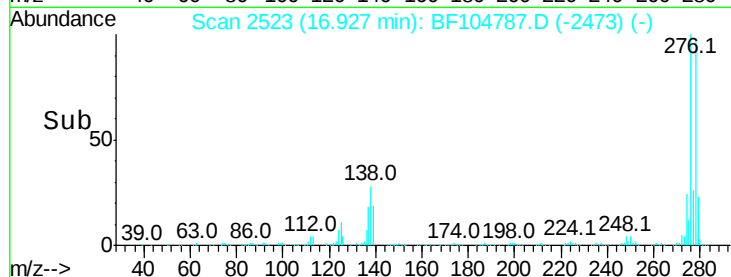
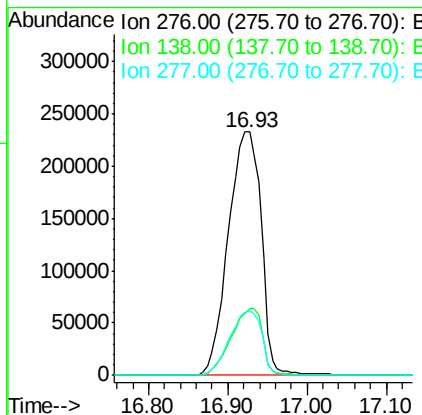
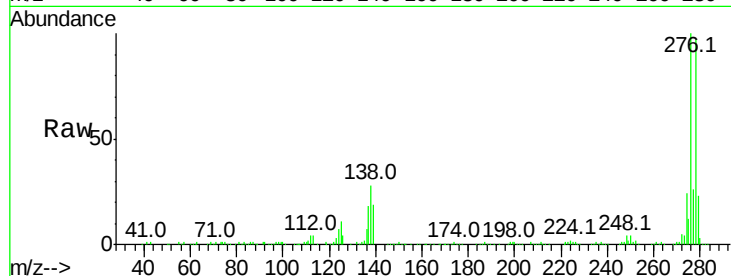




#85
Indeno(1,2,3-cd)pyrene
Concen: 49.341 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

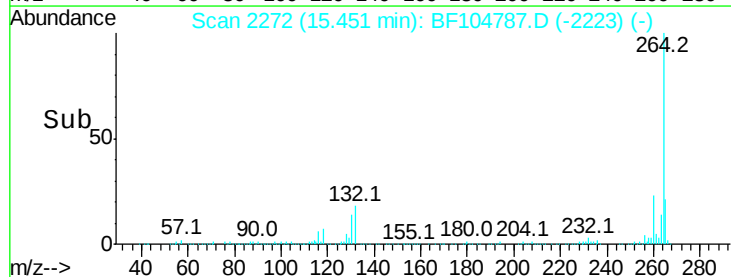
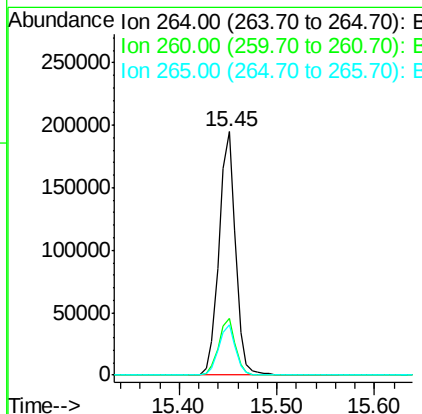
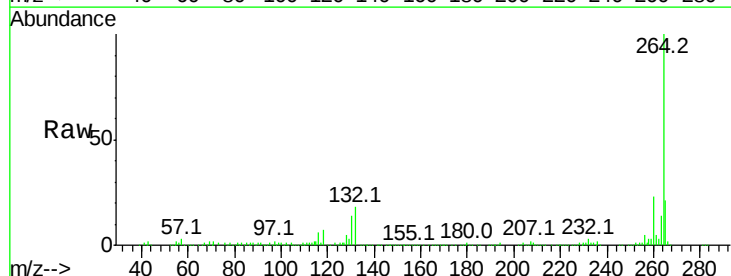
Instrument :
BNA_F
ClientSampleId :

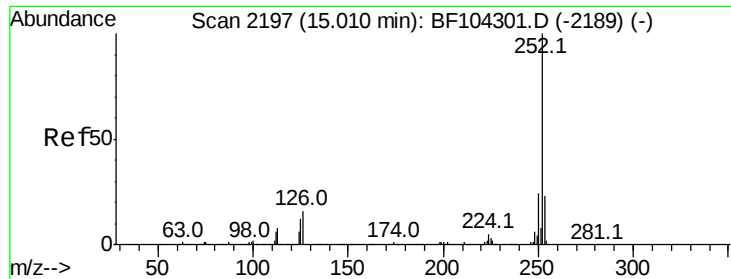
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.0	37.6
277	26.1	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.9	17.5	26.3

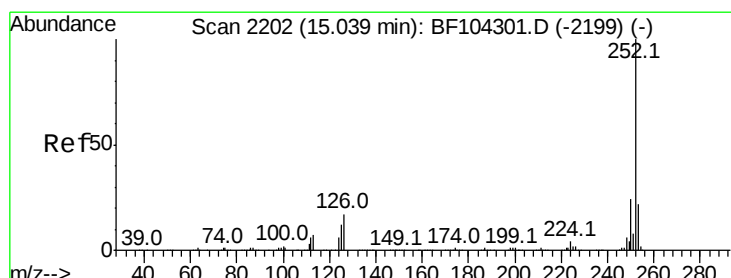
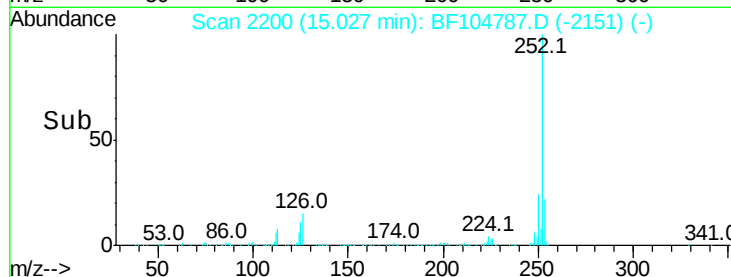
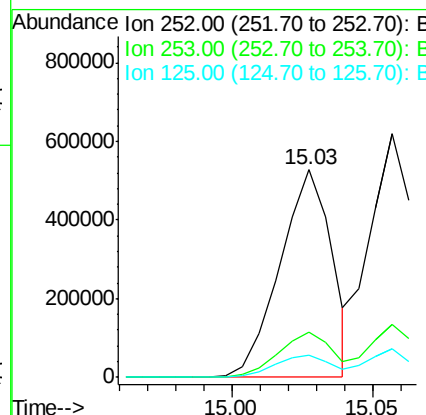
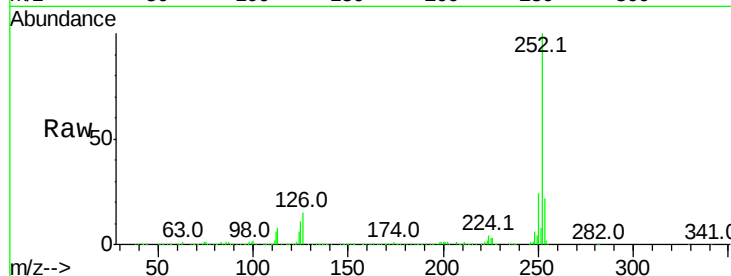




#87
Benzo(b)fluoranthene
Concen: 46.486 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

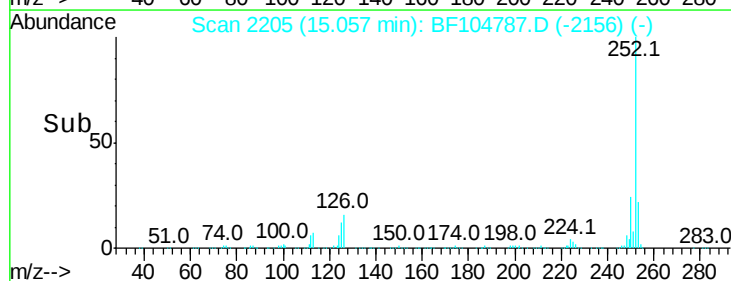
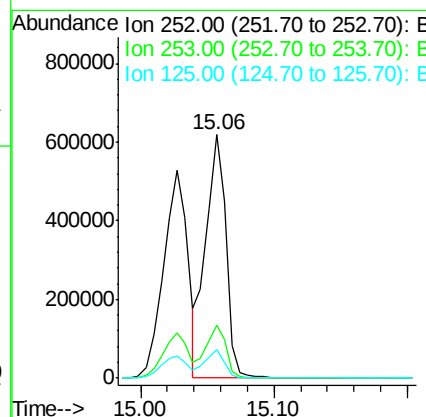
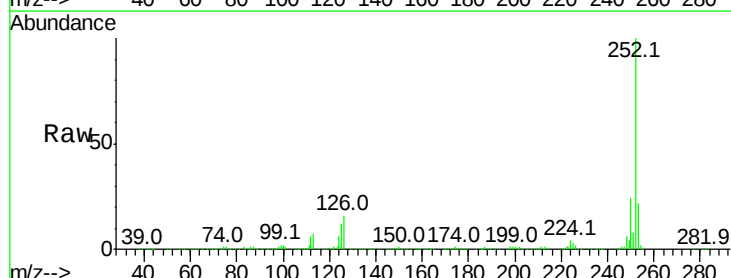
Instrument :
BNA_F
ClientSampleId :

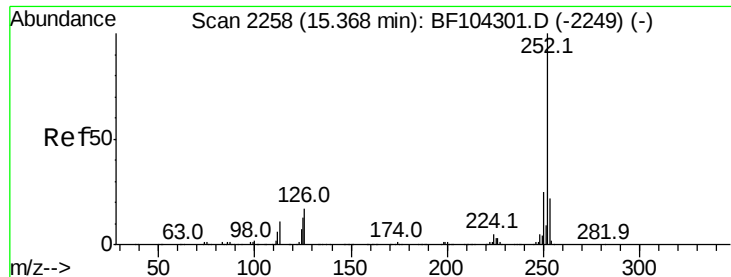
Tot Ion:252 Resp: 673309
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 10.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 47.536 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF104787.D
Acq: 25 Apr 2018 14:32

Tgt Ion:252 Resp: 650028
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 11.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 48.207 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Instrument :

BNA_F

ClientSampleId :

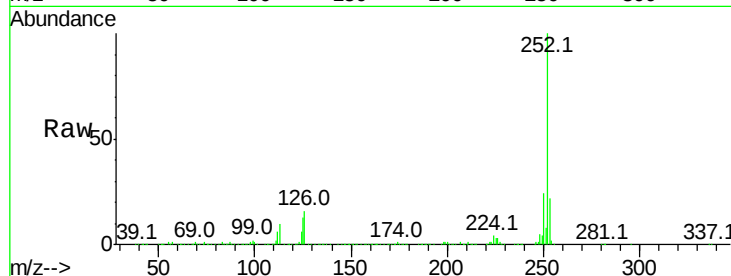
Tot Ion:252 Resp: 624744

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

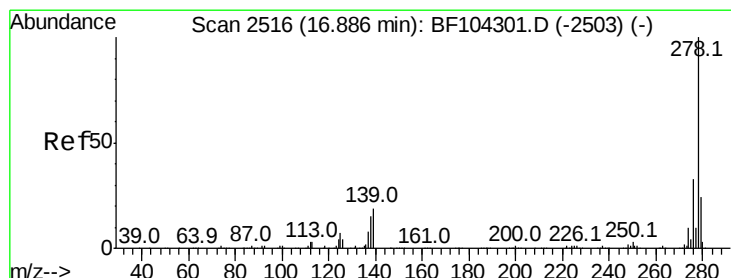
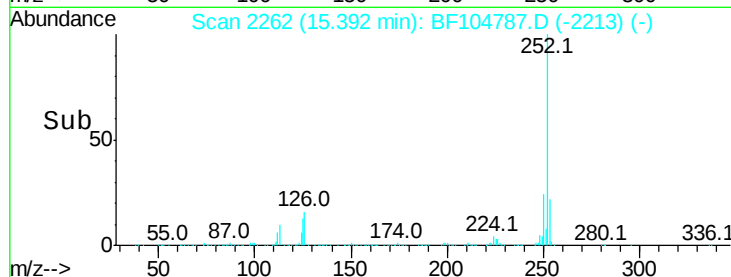
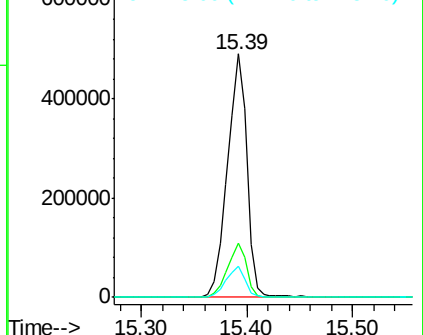
125 12.6 9.8 14.6



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: 52.833 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

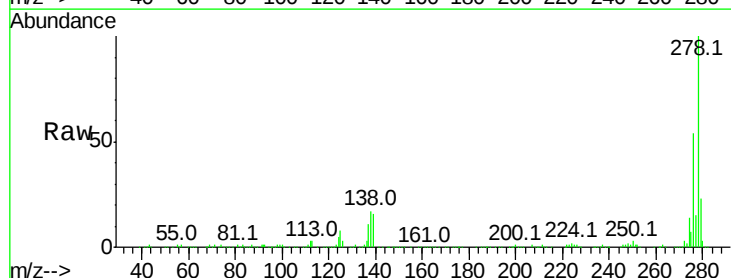
Tgt Ion:278 Resp: 562342

Ion Ratio Lower Upper

278 100

139 16.4 15.9 23.9

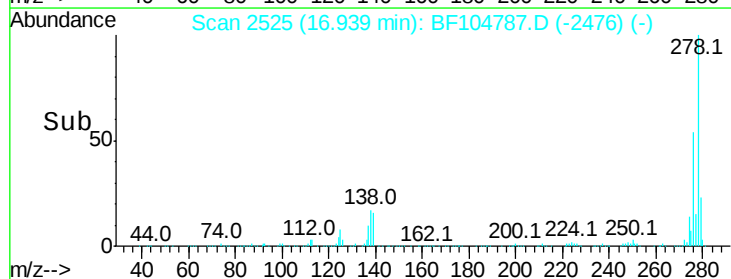
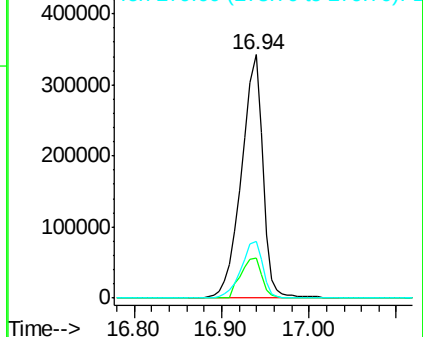
279 23.3 19.0 28.4

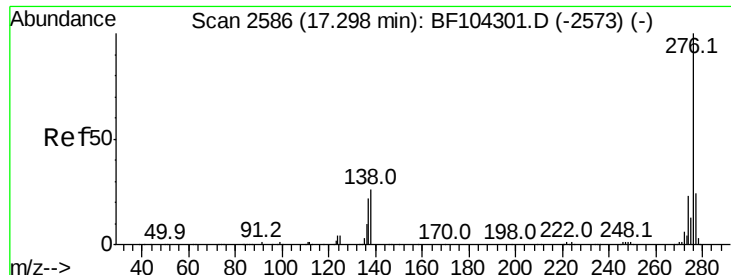


Abundance Ion 278.00 (277.70 to 278.70): E

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: 53.332 ng

RT: 17.37 min Scan# 2598

Delta R.T. -0.01 min

Lab File: BF104787.D

Acq: 25 Apr 2018 14:32

Instrument :

BNA_F

ClientSampleId :

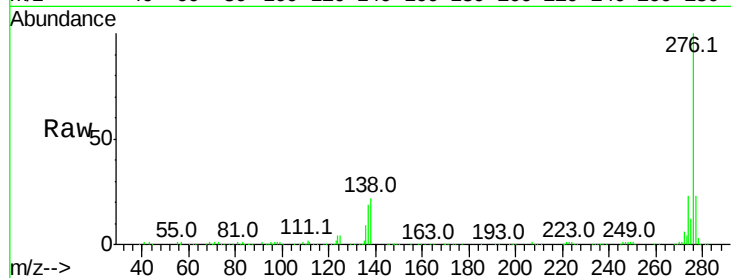
Tot Ion:276 Resp: 549967

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 21.9 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

