

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103412.D
 Acq On : 5 Mar 2018 16:23
 Operator : SJ/JU
 Sample : J1751-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 05 17:00:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	120060	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	465940	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	176041	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	278247	20.00	ng	0.00
75) Chrysene-d12	14.07	240	228006	20.00	ng	0.00
86) Perylene-d12	15.58	264	158111	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	1035108	130.40	ng	0.00
7) Phenol-d6	6.52	99	1237830	127.43	ng	0.00
23) Nitrobenzene-d5	7.44	82	737093	90.34	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	151476	101.66	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	927670	92.74	ng	0.00
78) Terphenyl-d14	13.00	244	685505	72.27	ng	0.00

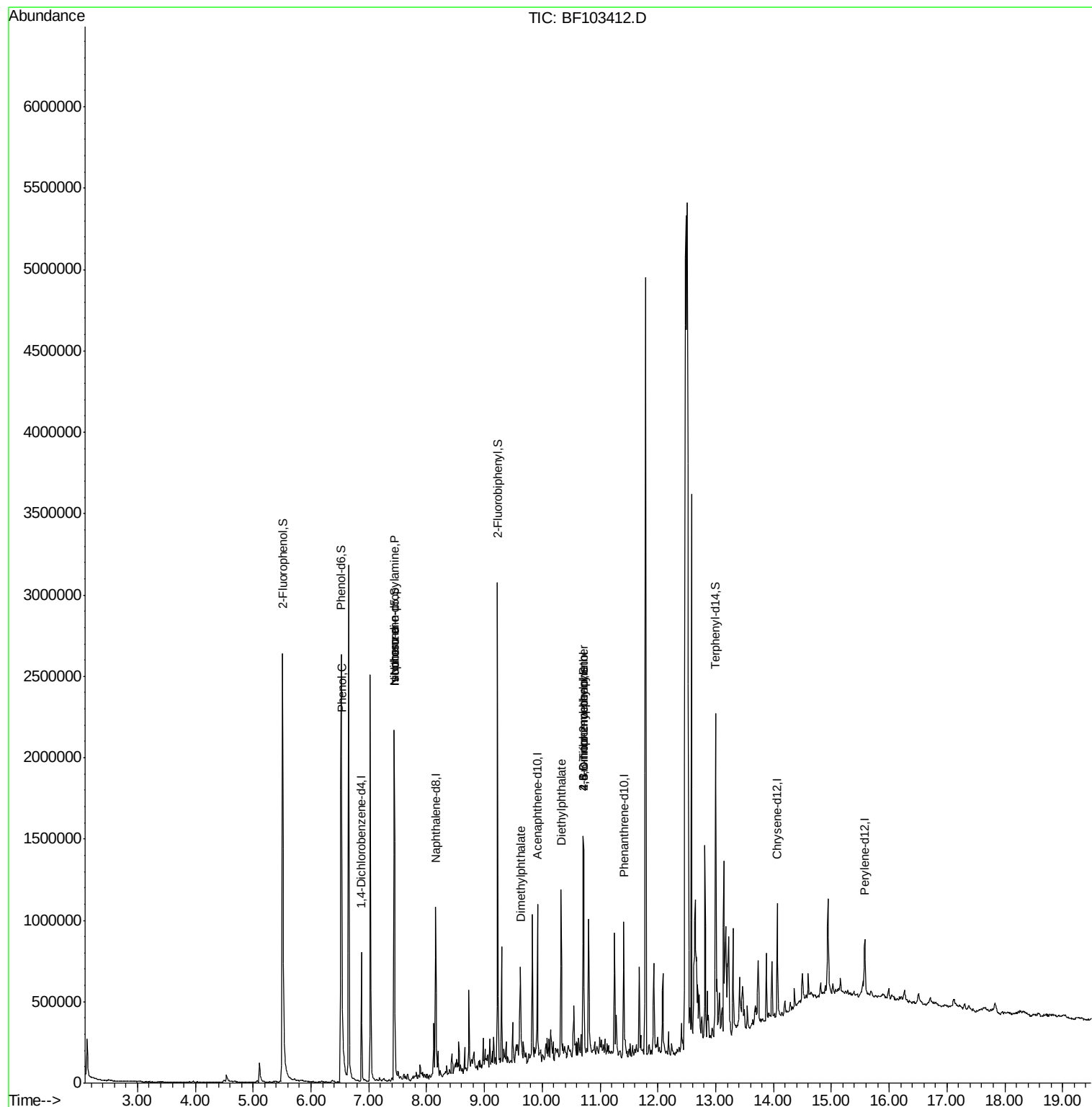
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.53	77	2932	Below Cal		# 1
10) Phenol	6.53	94	55848	4.953	ng	# 46
19) n-Nitroso-di-n-propylamine	7.44	70	98945	16.367	ng	# 82
25) Isophorone	7.44	82	731620	45.530	ng	# 64
49) Dimethylphthalate	9.62	163	160763	11.384	ng	# 99
59) Diethylphthalate	10.32	149	27629	2.046	ng	# 97
64) 4,6-Dinitro-2-methylphenol	10.71	198	499	5.210	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	11231	3.875	ng	# 1

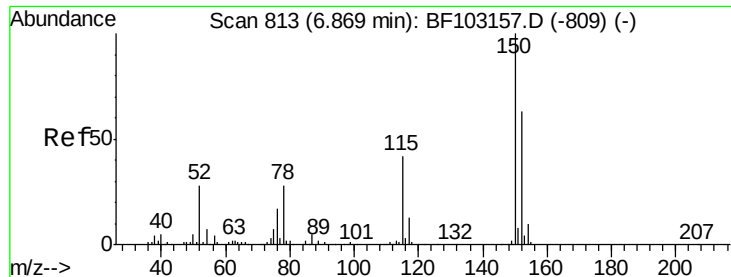
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
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ALS Vial : 14 Sample Multiplier: 1

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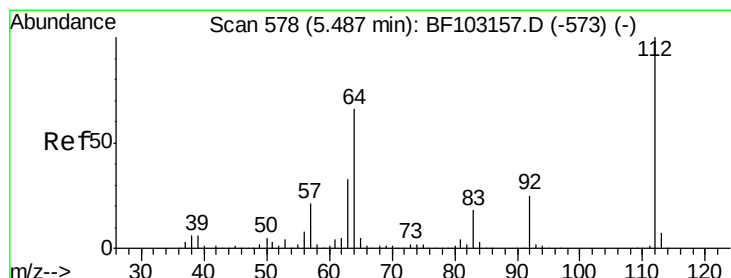
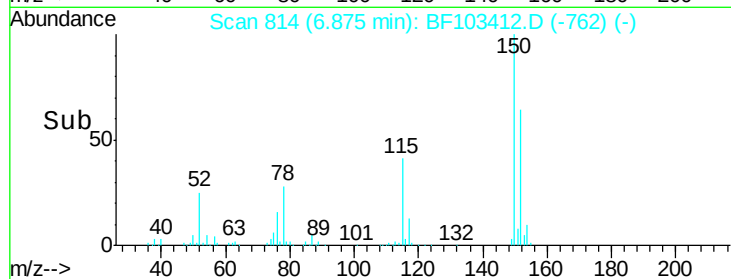
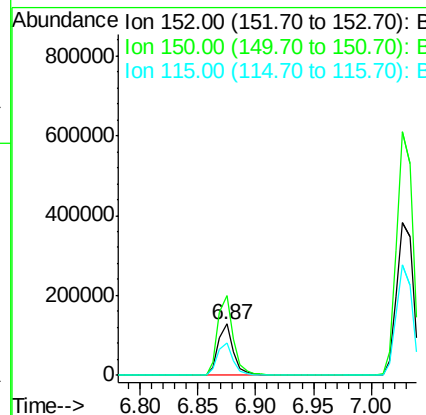
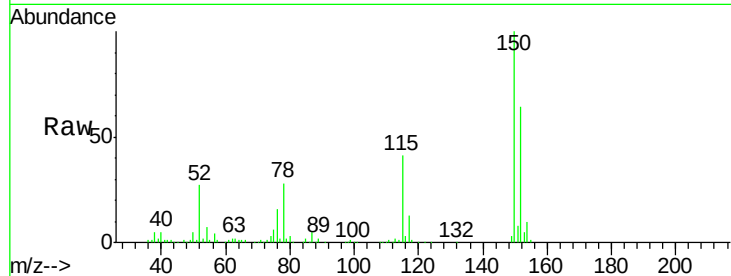


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103412.D
Acq: 5 Mar 2018 16:23

Instrument :
BNA_F
ClientSampleId :

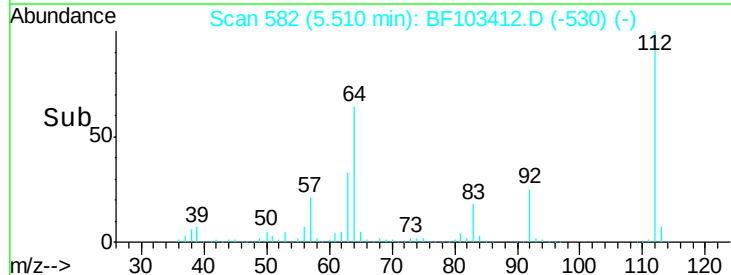
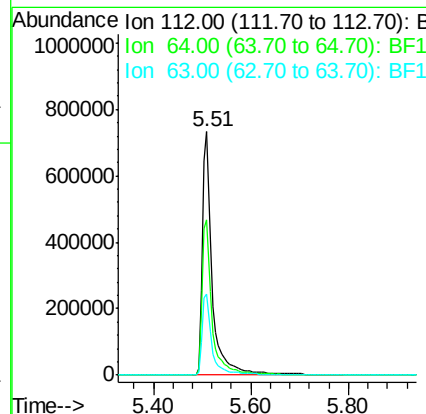
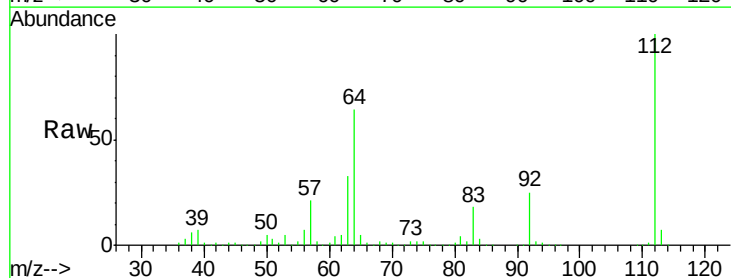
Tot Ion:152 Resp: 120060
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 63.4 50.1 75.1

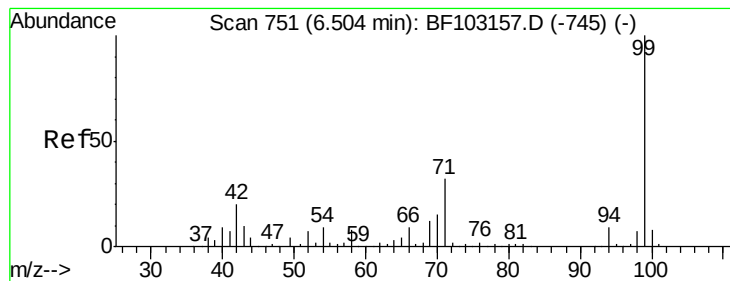


#5

2-Fluorophenol
Concen: 130.395 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF103412.D
Acq: 5 Mar 2018 16:23

Tgt Ion:112 Resp: 1035108
Ion Ratio Lower Upper
112 100
64 63.8 47.9 71.9
63 33.2 23.7 35.5





#7

Phenol-d6

Concen: 127.433 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103412.D

Acq: 5 Mar 2018 16:23

Instrument :

BNA_F

ClientSampled :

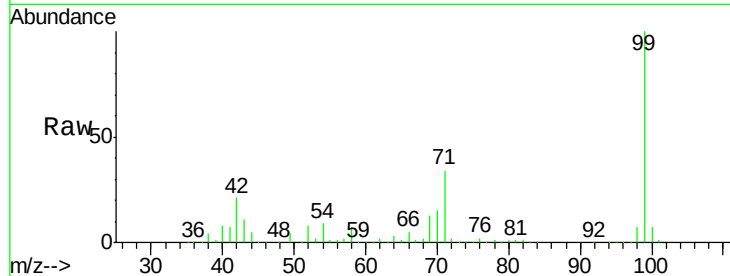
Tot Ion: 99 Resp: 1237830

Ion Ratio Lower Upper

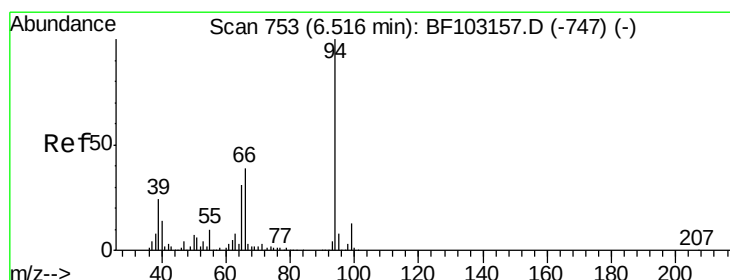
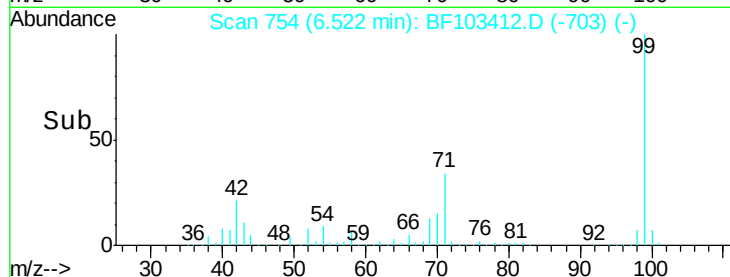
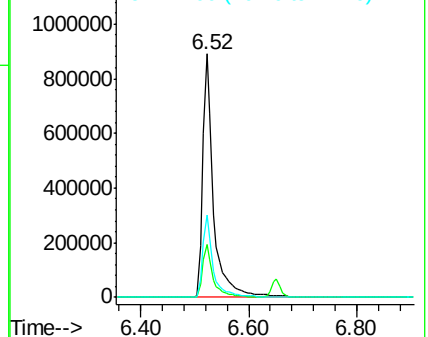
99 100

42 21.5 14.5 21.7

71 33.6 25.4 38.0



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



#10

Phenol

Concen: 4.953 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103412.D

Acq: 5 Mar 2018 16:23

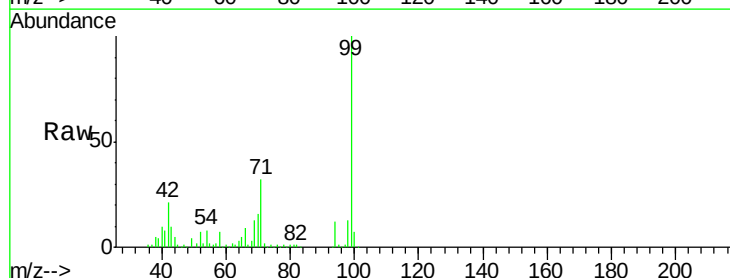
Tgt Ion: 94 Resp: 55848

Ion Ratio Lower Upper

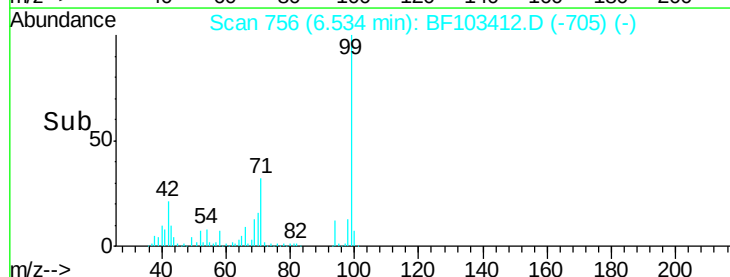
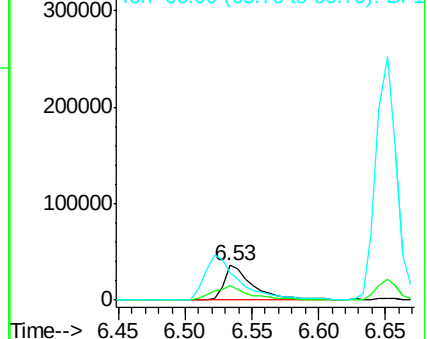
94 100

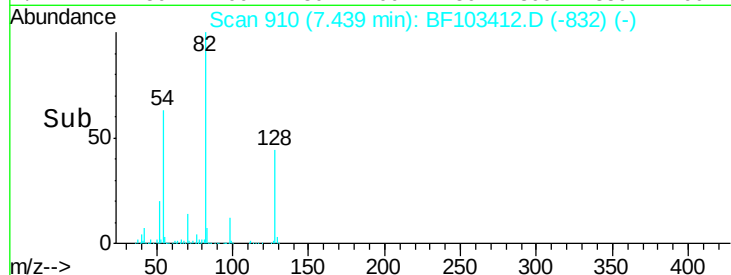
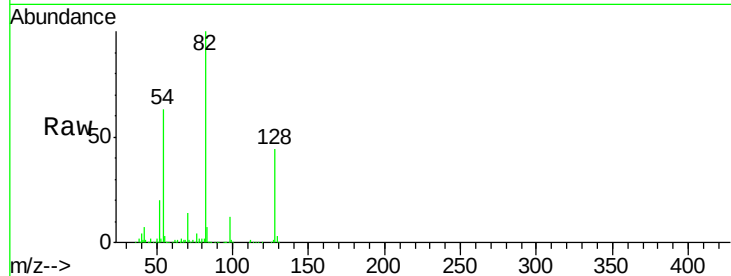
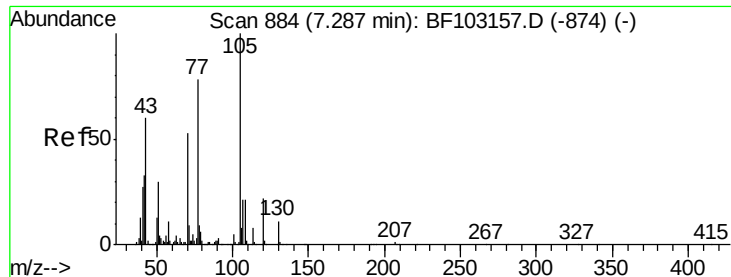
65 42.3 7.9 47.9

66 79.7 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

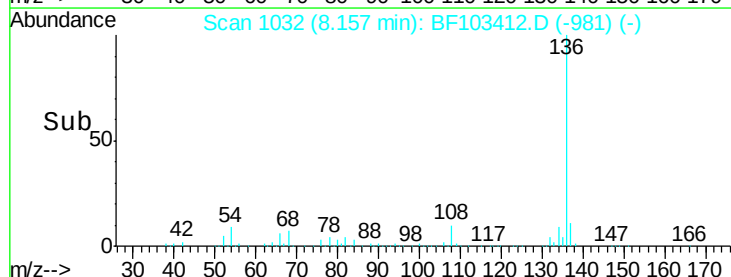
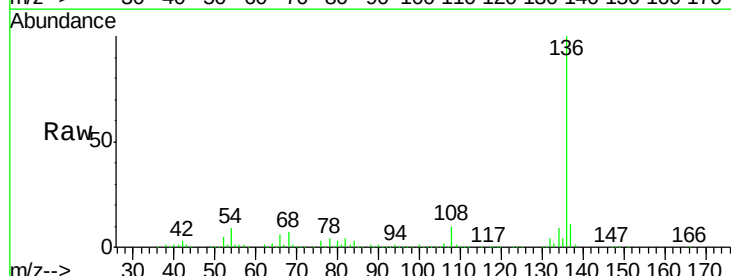
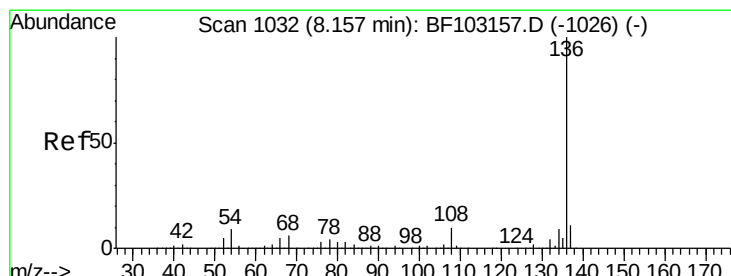
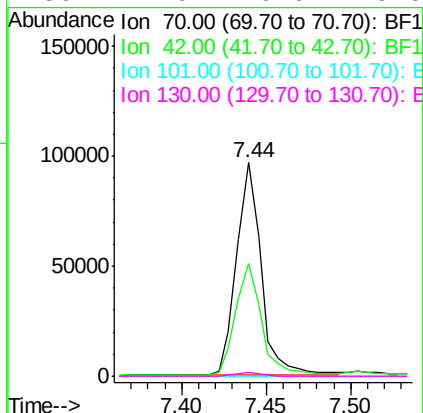




#19
n-Nitroso-di-n-propylamine
Concen: 16.367 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.16 min
Lab File: BF103412.D
Acq: 5 Mar 2018 16:23

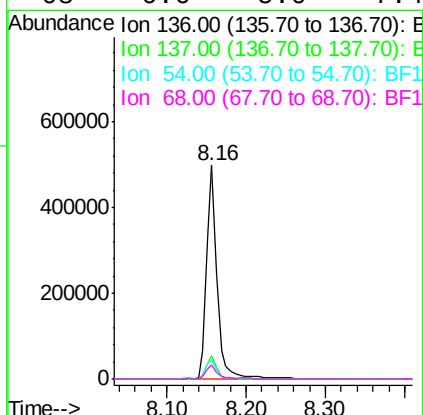
Instrument :
BNA_F
ClientSampleId :

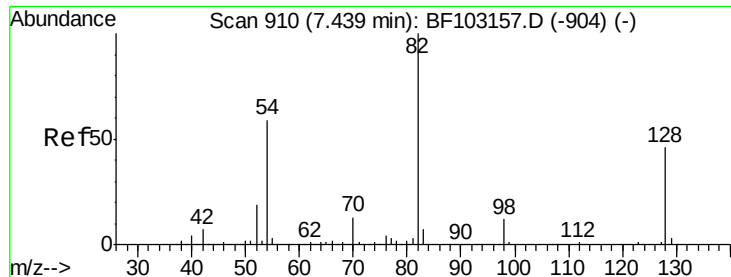
Tot Ion: 70 Resp: 98945
Ion Ratio Lower Upper
70 100
42 52.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103412.D
Acq: 5 Mar 2018 16:23

Tgt Ion: 136 Resp: 465940
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.8 6.6 9.8
68 6.6 5.0 7.4

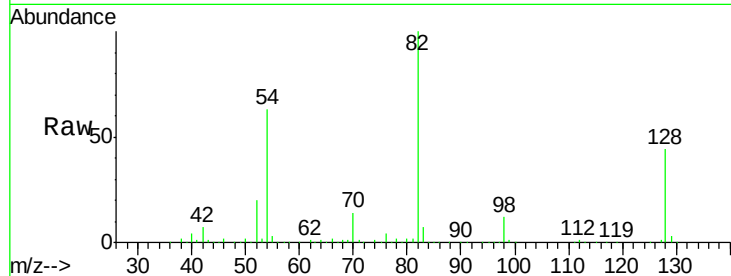




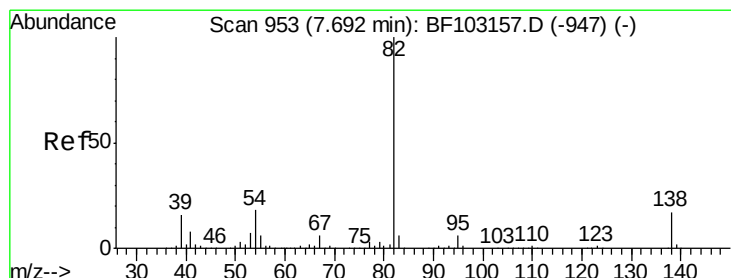
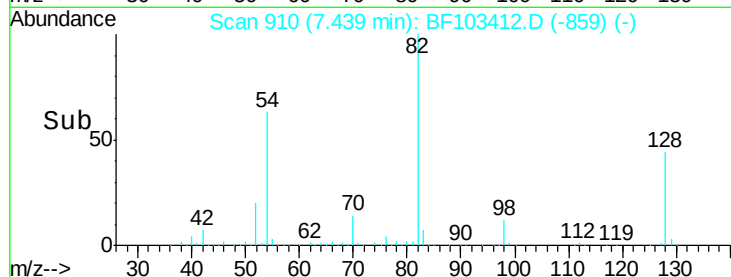
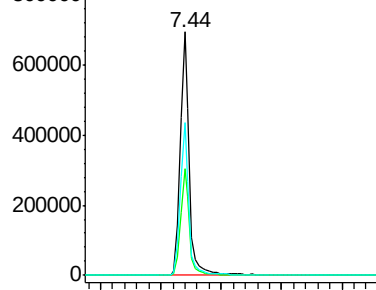
#23
 Nitrobenzene-d5
 Concen: 90.343 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF103412.D
 Acq: 5 Mar 2018 16:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 737093
 Ion Ratio Lower Upper
 82 100
 128 44.1 36.1 54.1
 54 62.5 41.4 62.2#

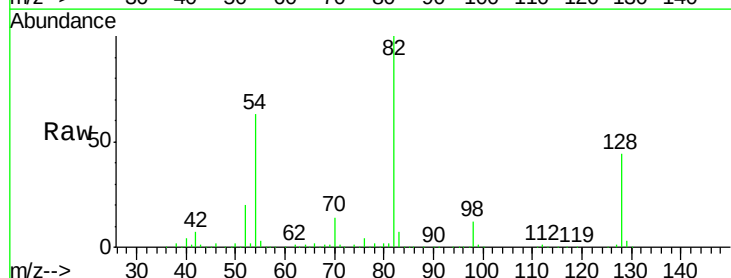


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

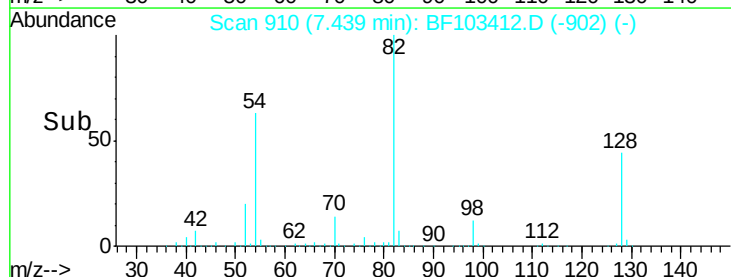
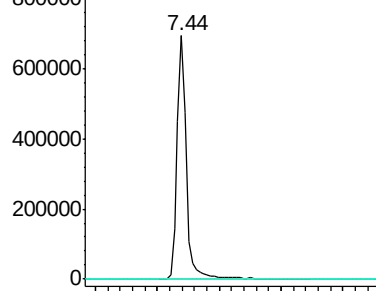


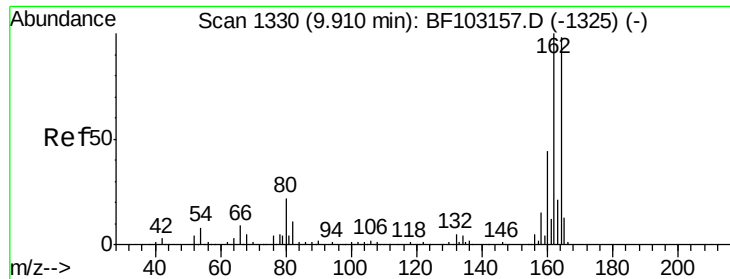
#25
 Isophorone
 Concen: 45.530 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.25 min
 Lab File: BF103412.D
 Acq: 5 Mar 2018 16:23

Tgt Ion: 82 Resp: 731620
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.2 7.8#
 138 0.0 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

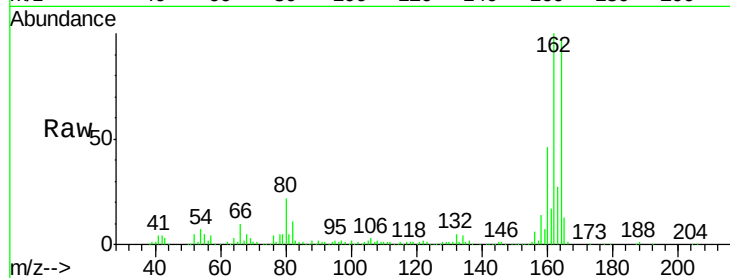




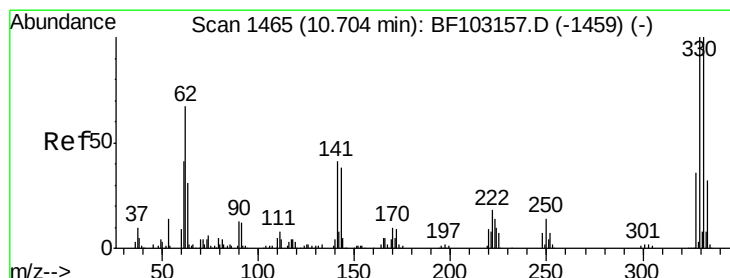
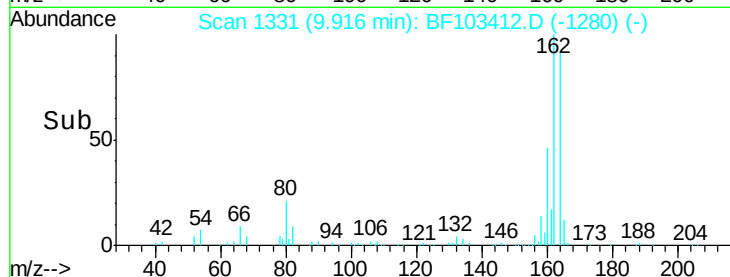
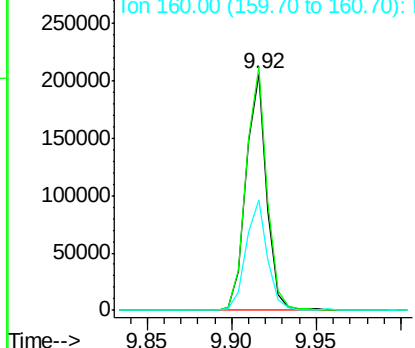
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF103412.D
 Acq: 5 Mar 2018 16:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 176041
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 47.0 38.3 57.5

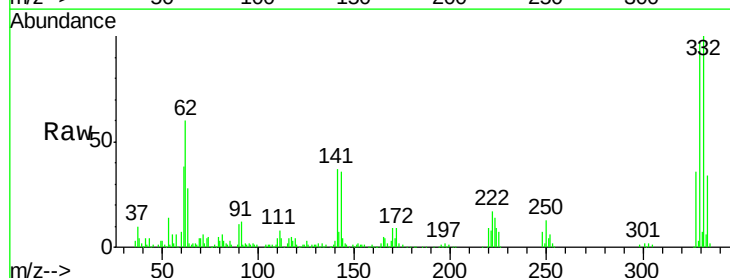


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

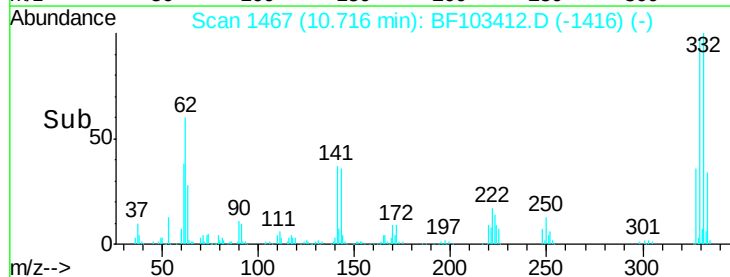
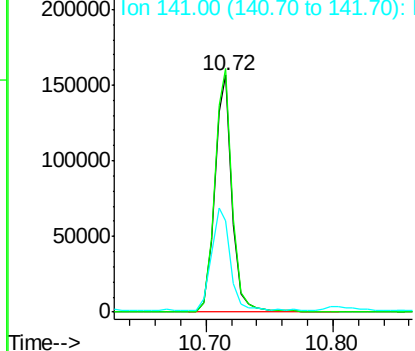


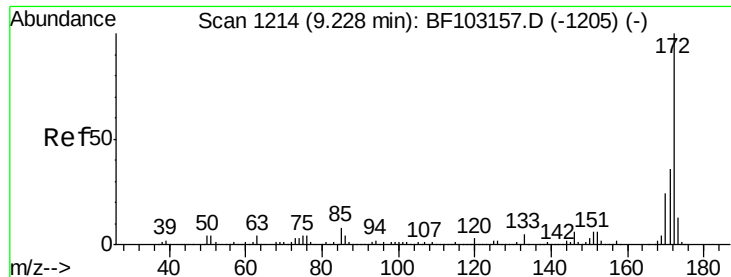
#41
 2,4,6-Tribromophenol
 Concen: 101.656 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF103412.D
 Acq: 5 Mar 2018 16:23

Tgt Ion:330 Resp: 151476
 Ion Ratio Lower Upper
 330 100
 332 103.3 77.0 115.6
 141 46.4 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

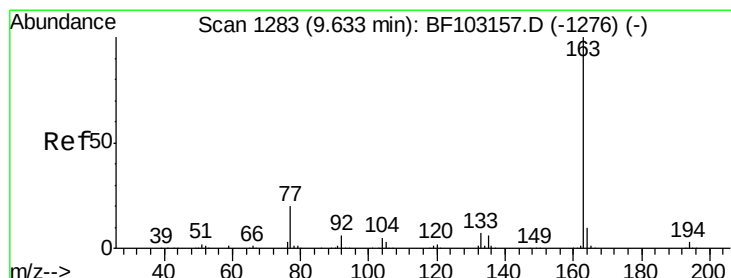
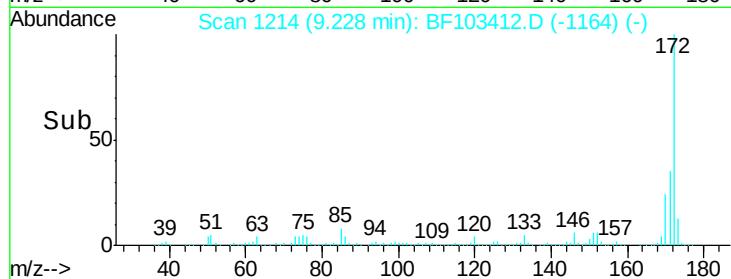
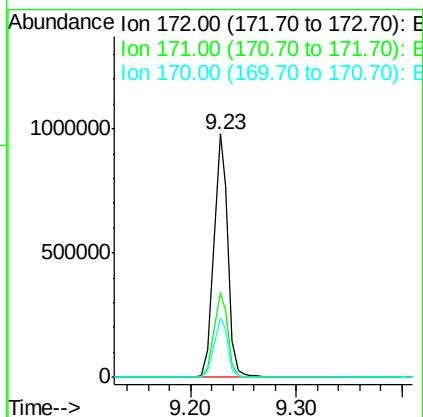
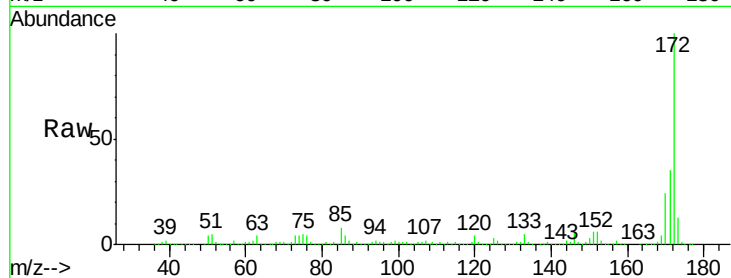




#44
2-Fluorobiphenyl
Concen: 92.738 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103412.D
Acq: 5 Mar 2018 16:23

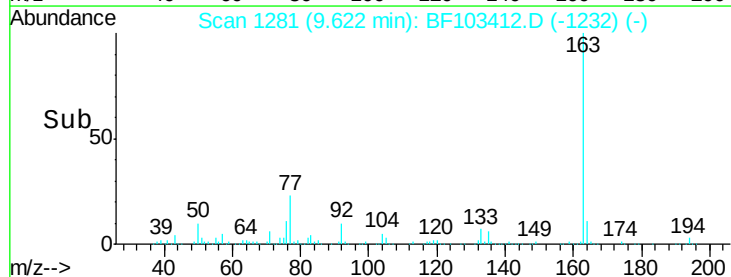
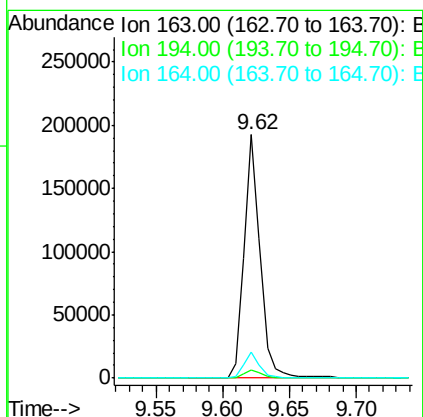
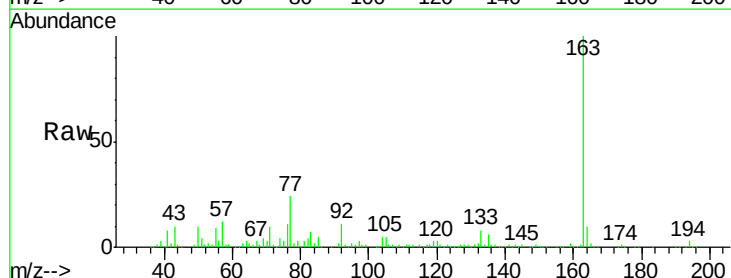
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ClientSampleId :

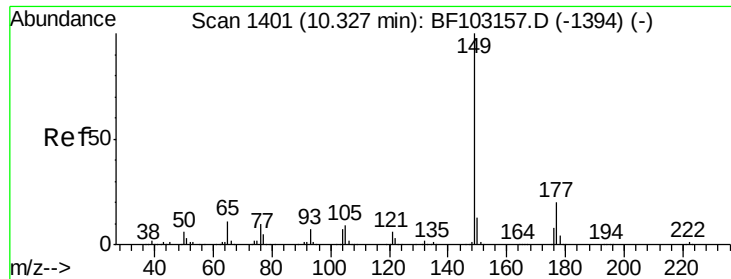
Tot Ion:172 Resp: 927670
Ion Ratio Lower Upper
172 100
171 35.1 29.7 44.5
170 24.3 19.6 29.4



#49
Dimethylphthalate
Concen: 11.384 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103412.D
Acq: 5 Mar 2018 16:23

Tgt Ion:163 Resp: 160763
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.5 8.2 12.2

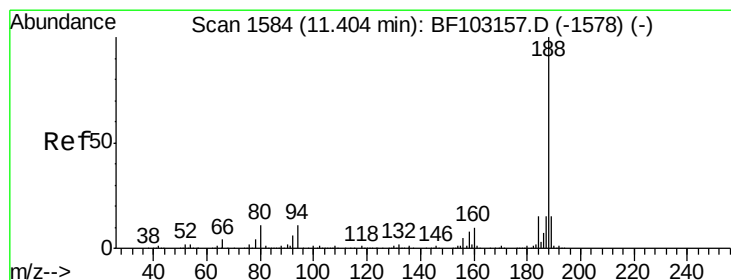
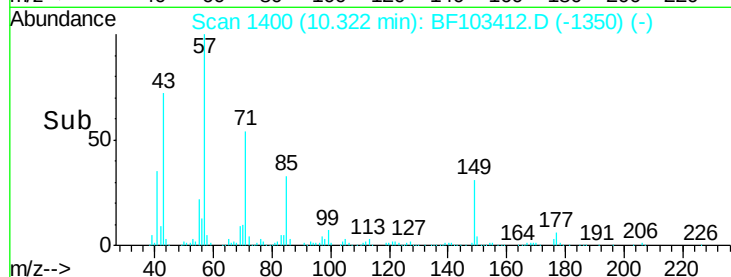
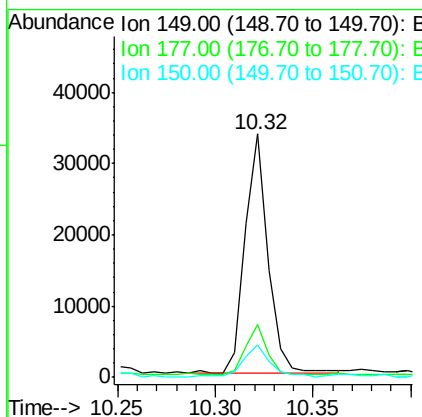
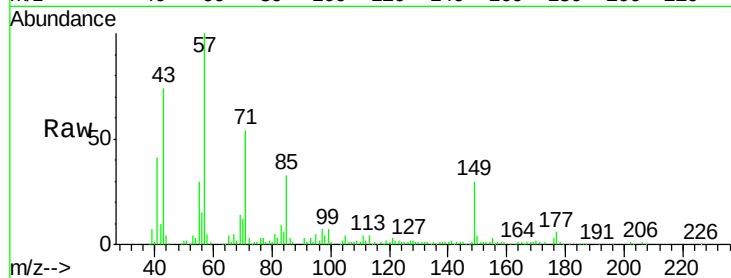




#59
Diethylphthalate
Concen: 2.046 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103412.D
Acq: 5 Mar 2018 16:23

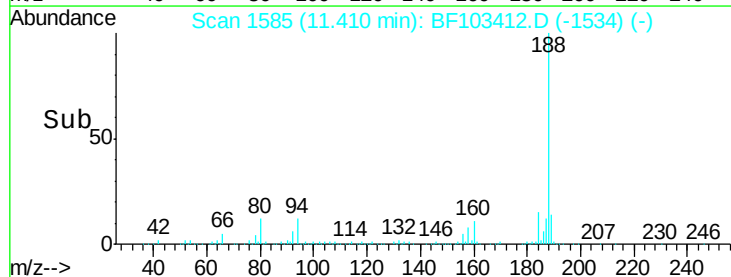
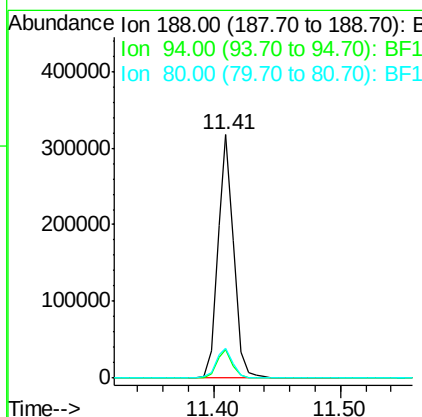
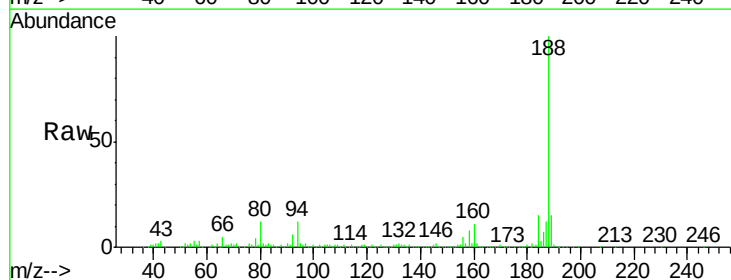
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BNA_F
ClientSampleId :

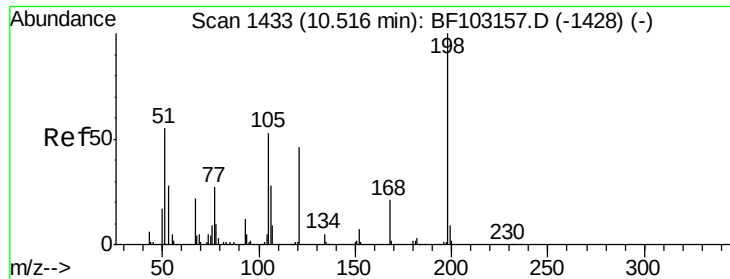
Tot Ion:149 Resp: 27629
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 13.4 10.1 15.1



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103412.D
Acq: 5 Mar 2018 16:23

Tgt Ion:188 Resp: 278247
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 12.4 9.2 13.8

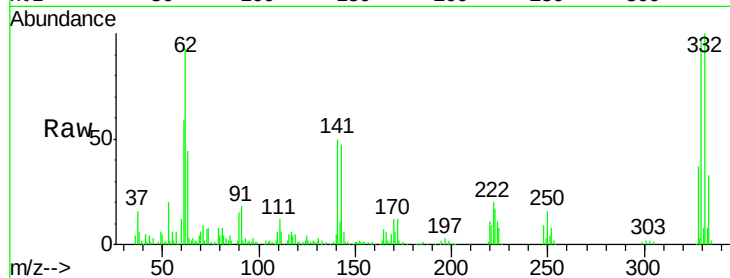




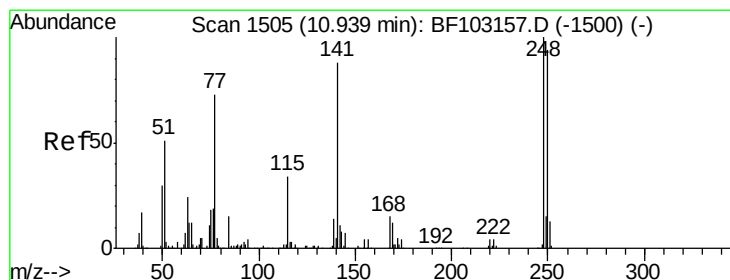
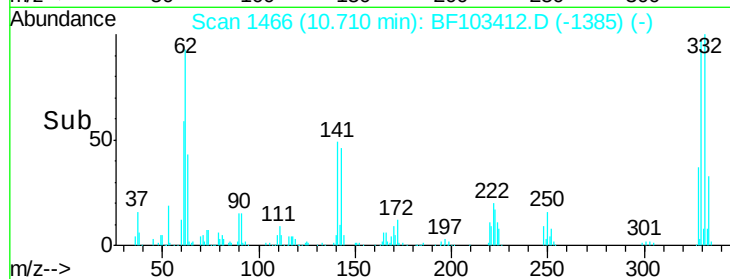
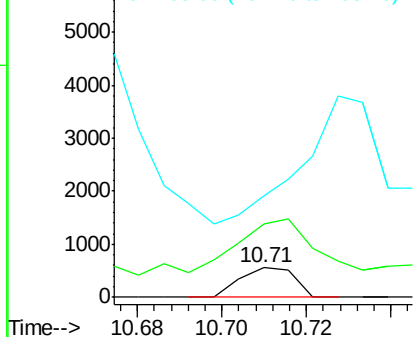
#64
4,6-Dinitro-2-methylphenol
Concen: 5.210 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.18 min
Lab File: BF103412.D
Acq: 5 Mar 2018 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 499
Ion Ratio Lower Upper
198 100
51 247.0 37.7 77.7#
105 343.2 36.3 76.3#

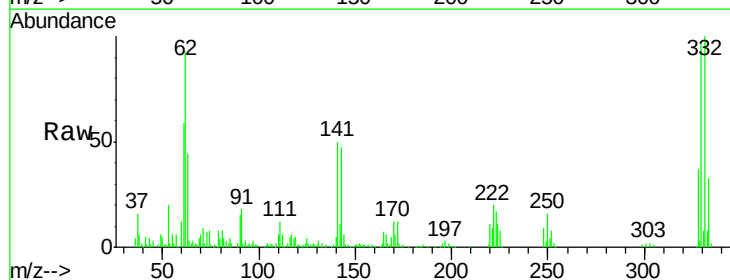


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

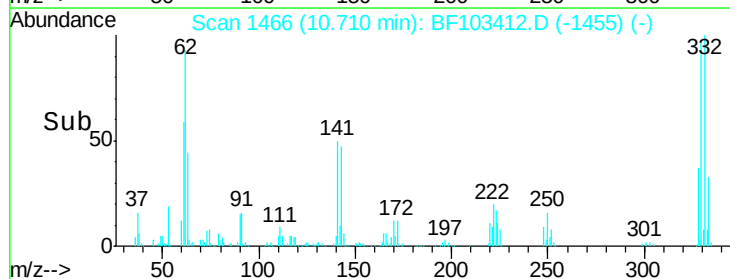
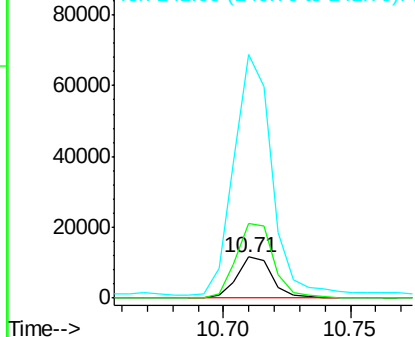


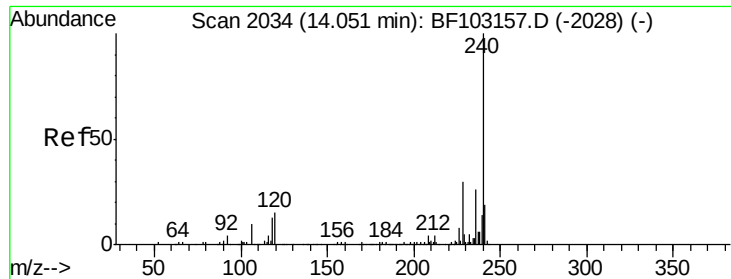
#66
4-Bromophenyl-phenylether
Concen: 3.875 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103412.D
Acq: 5 Mar 2018 16:23

Tgt Ion:248 Resp: 11231
Ion Ratio Lower Upper
248 100
250 182.5 76.9 115.3#
141 593.1 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF103412.D

Acq: 5 Mar 2018 16:23

Instrument :

BNA_F

ClientSampleId :

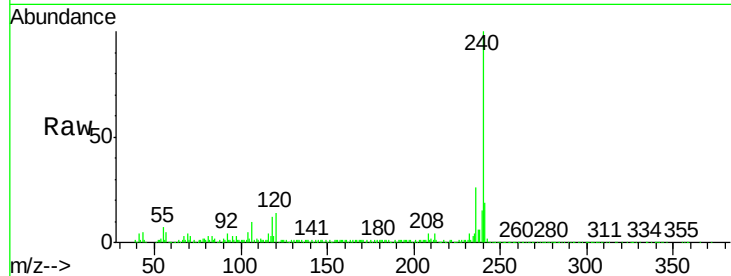
Tot Ion:240 Resp: 228006

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

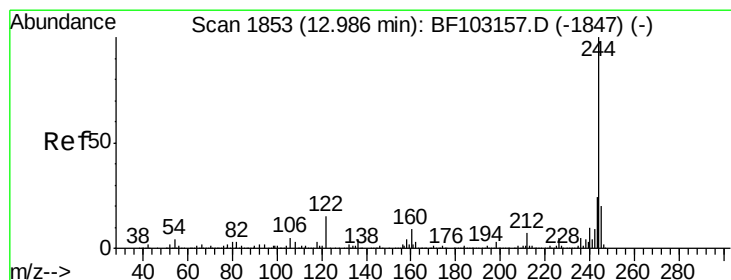
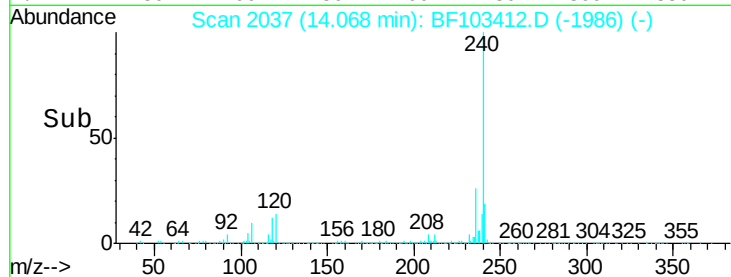
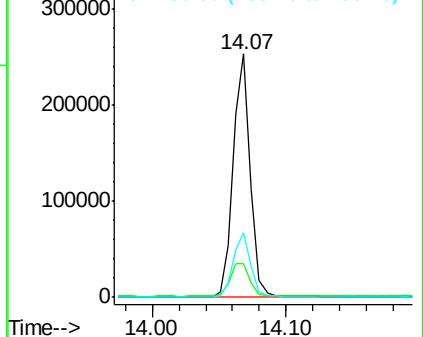
236 26.4 20.7 31.1



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



#78

Terphenyl-d14

Concen: 72.273 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BF103412.D

Acq: 5 Mar 2018 16:23

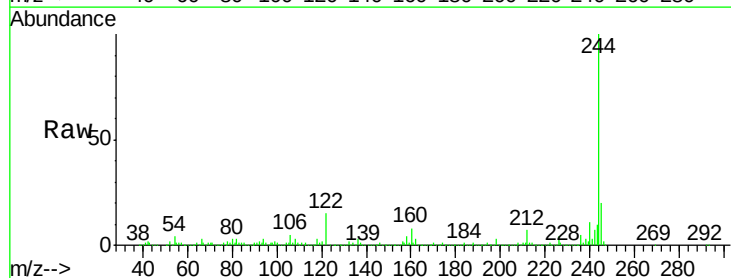
Tgt Ion:244 Resp: 685505

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

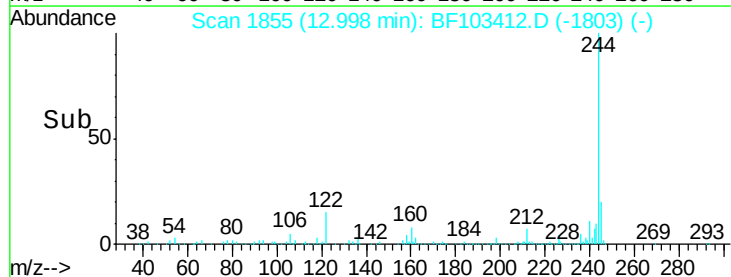
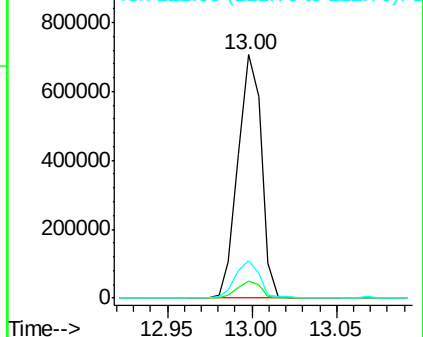
122 15.3 11.0 16.4

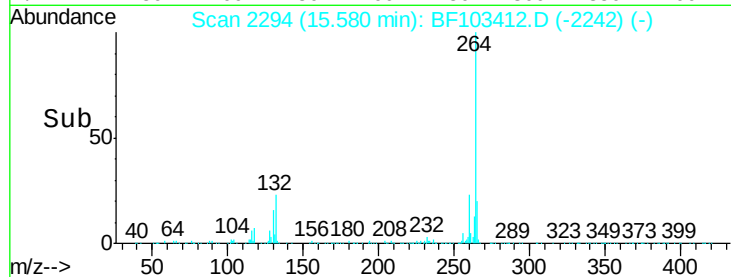
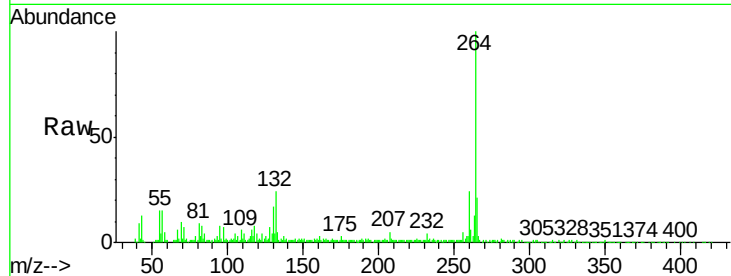
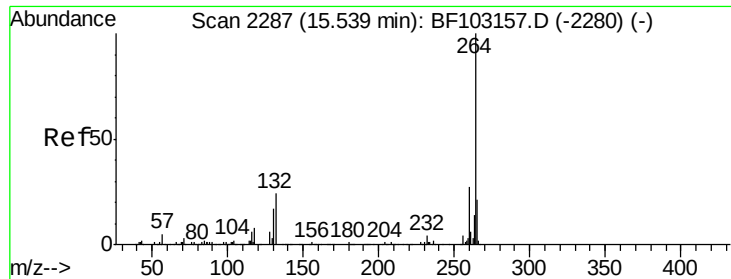


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103412.D
Acq: 5 Mar 2018 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.5	17.5	26.3

