

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103345.D
 Acq On : 1 Mar 2018 19:03
 Operator : SJ/JU
 Sample : J1715-10 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 09:28:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	122899	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	461905	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	138388	20.00	ng	0.01
63) Phenanthrene-d10	11.42	188	195320	20.00	ng	0.02
75) Chrysene-d12	14.07	240	180810	20.00	ng	0.01
86) Perylene-d12	15.57	264	134216	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	22472	2.77	ng	0.02
7) Phenol-d6	6.53	99	22750	2.29	ng	0.02
23) Nitrobenzene-d5	7.45	82	11413	1.41	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	2156	1.84	ng	0.02
44) 2-Fluorobiphenyl	9.23	172	27181	0.17	ng	0.00
78) Terphenyl-d14	13.00	244	20227	2.69	ng	0.00

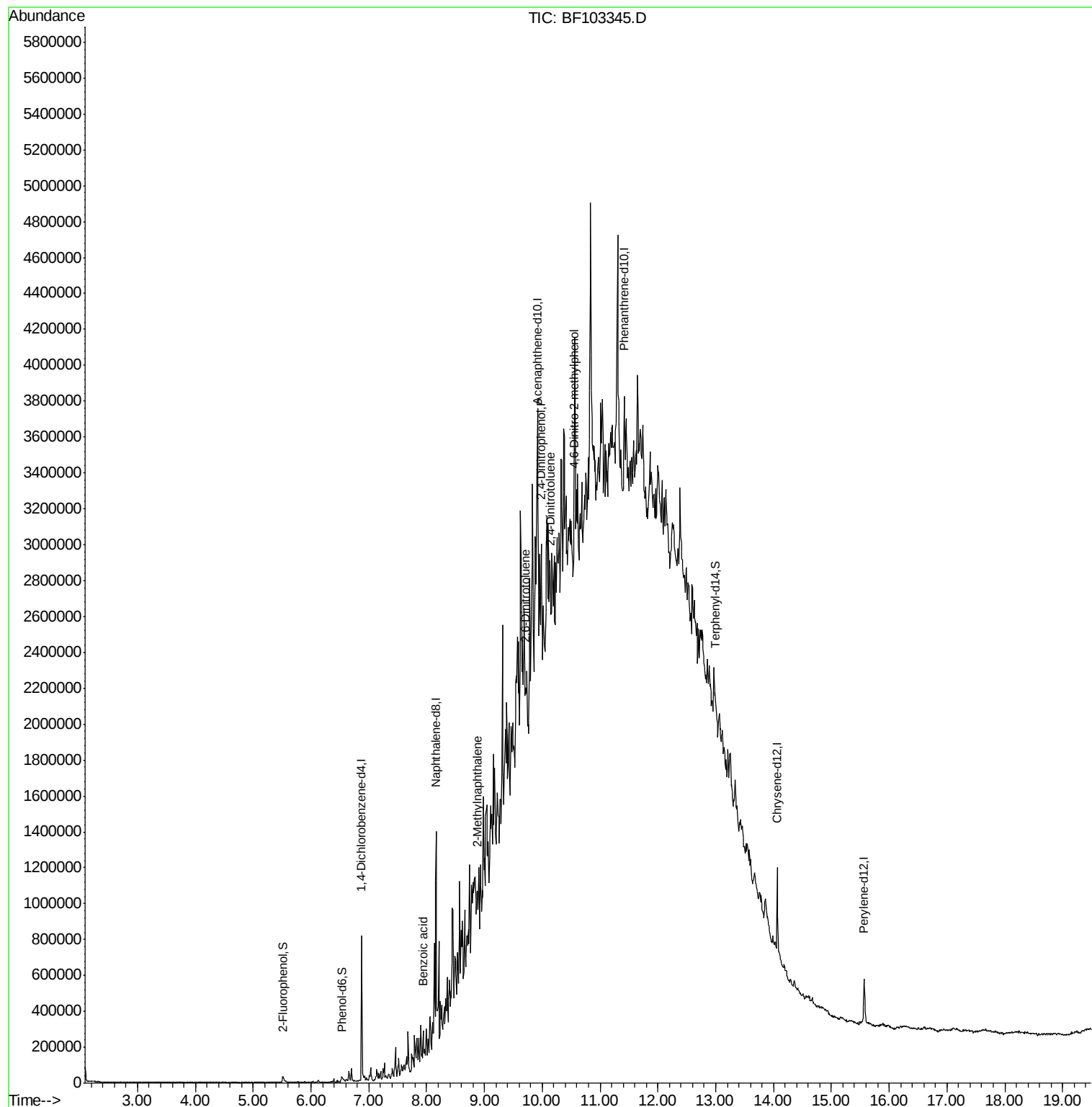
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.40	77	219	Below Cal		# 1
32) Benzoic acid	7.95	122	1798	7.237	ng	# 33
37) 2-Methylnaphthalene	8.87	142	60933	4.169	ng	# 94
50) 2,6-Dinitrotoluene	9.72	165	9481	4.070	ng	# 33
53) 2,4-Dinitrophenol	9.98	184	150	9.778	ng	# 1
56) 2,4-Dinitrotoluene	10.15	165	12562	4.263	ng	# 42
64) 4,6-Dinitro-2-methylphenol	10.54	198	1877	6.362	ng	# 1

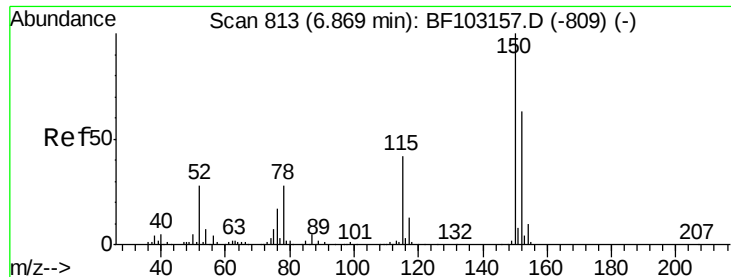
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
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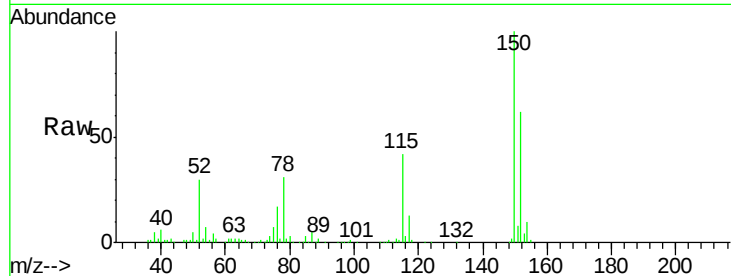


#1

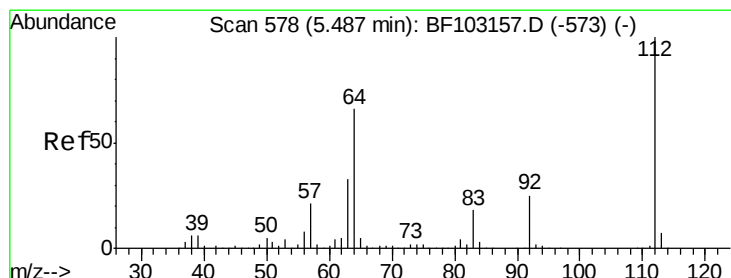
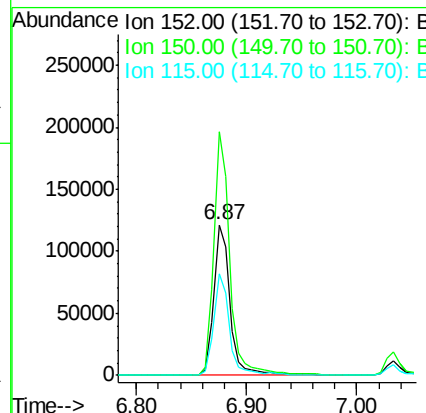
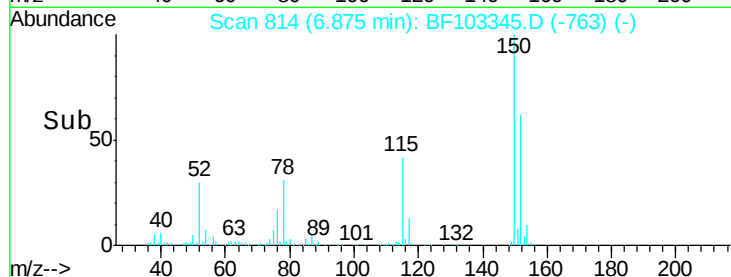
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103345.D
Acq: 1 Mar 2018 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 122899
Ion Ratio Lower Upper
152 100
150 161.5 124.6 186.8
115 67.1 50.1 75.1



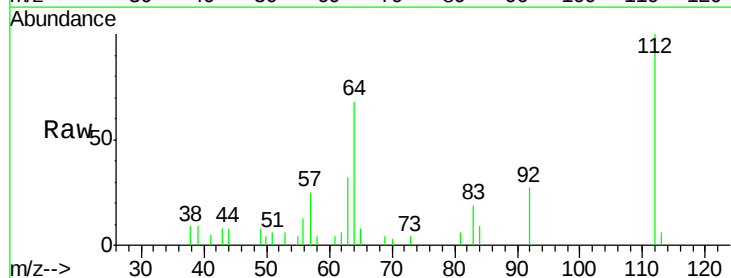
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



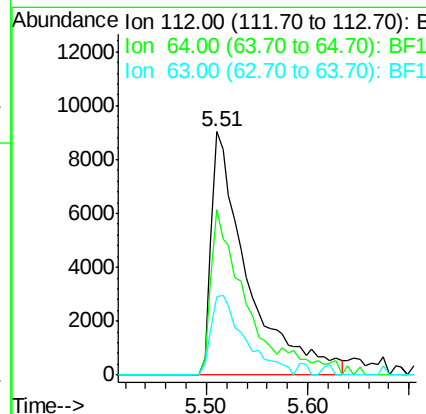
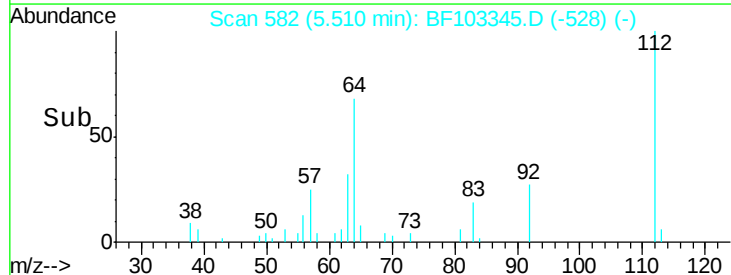
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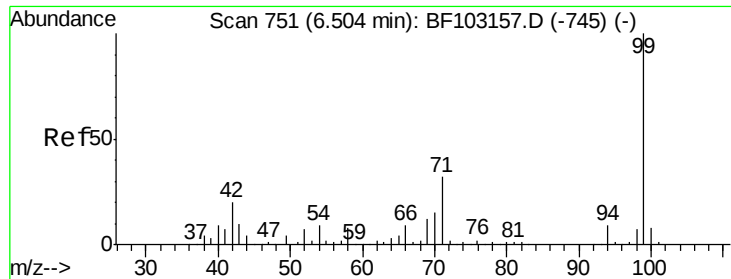
2-Fluorophenol
Concen: 2.765 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103345.D
Acq: 1 Mar 2018 19:03

Tgt Ion:112 Resp: 22472
Ion Ratio Lower Upper
112 100
64 68.2 47.9 71.9
63 32.3 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





#7

Phenol-d6

Concen: 2.288 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.02 min

Lab File: BF103345.D

Acq: 1 Mar 2018 19:03

Instrument :

BNA_F

ClientSampled :

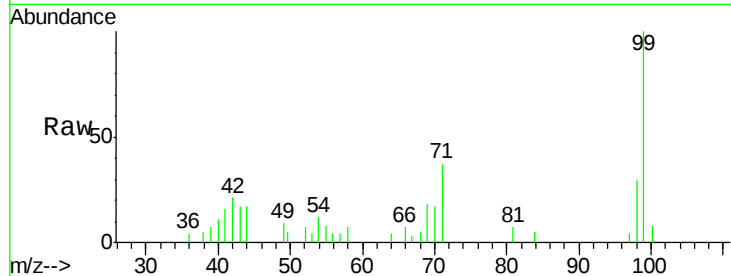
Tot Ion: 99 Resp: 22750

Ion Ratio Lower Upper

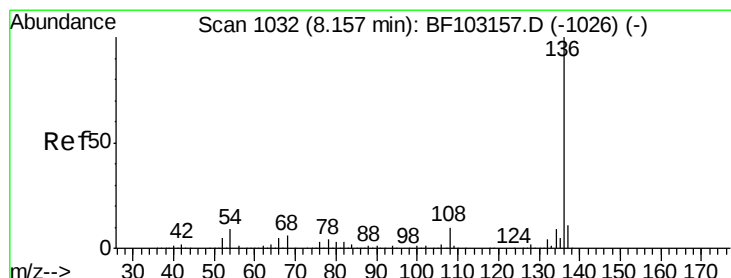
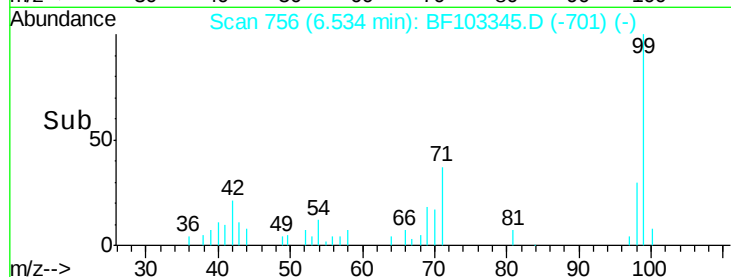
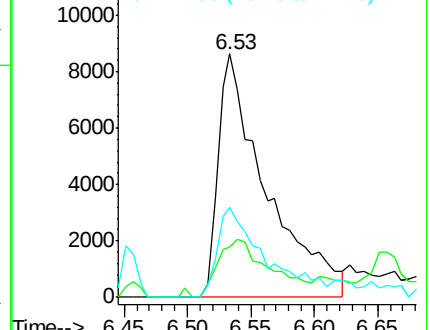
99 100

42 20.7 14.5 21.7

71 36.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF103345.D

Acq: 1 Mar 2018 19:03

Tgt Ion: 136 Resp: 461905

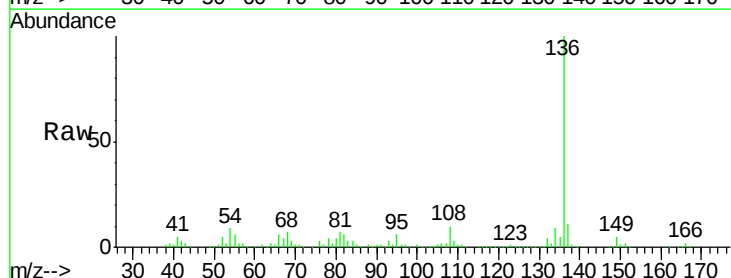
Ion Ratio Lower Upper

136 100

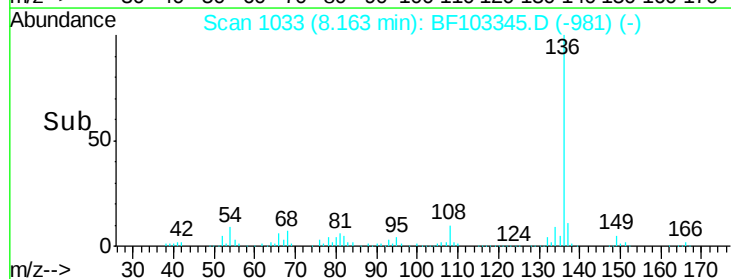
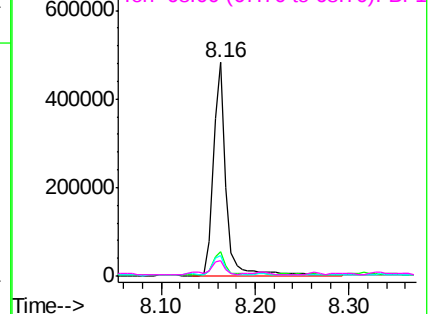
137 11.1 8.9 13.3

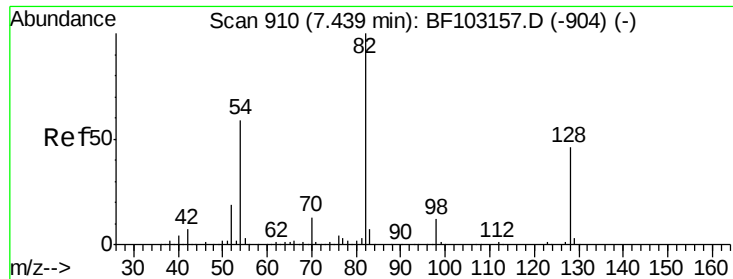
54 9.5 6.6 9.8

68 7.2 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

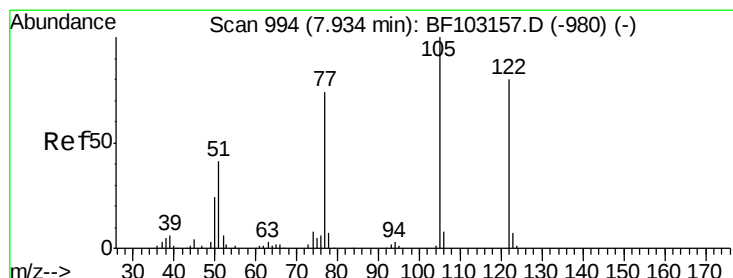
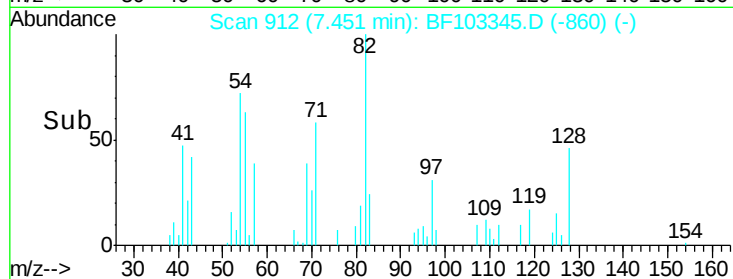
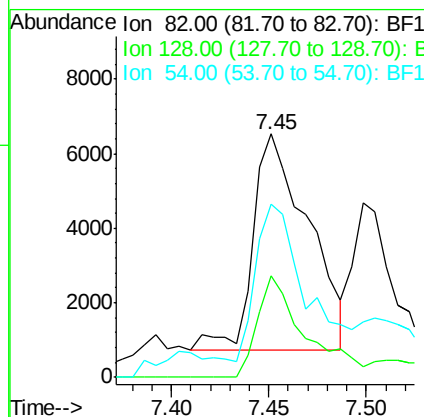
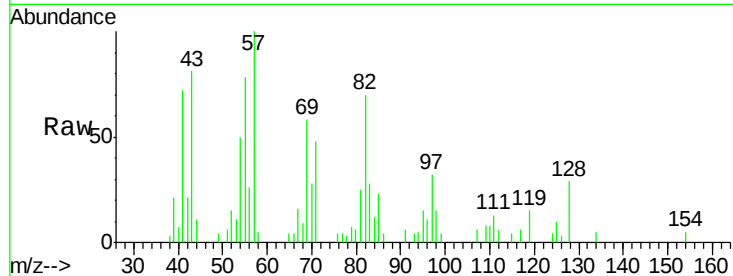




#23
 Nitrobenzene-d5
 Concen: 1.411 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: BF103345.D
 Acq: 1 Mar 2018 19:03

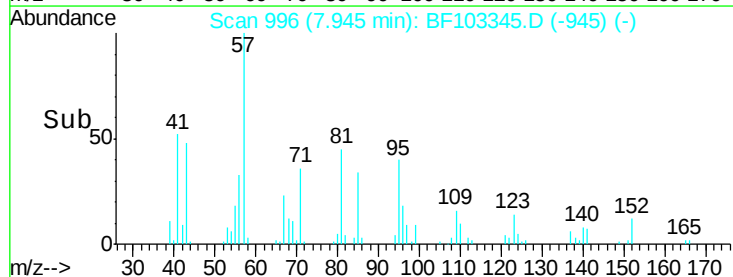
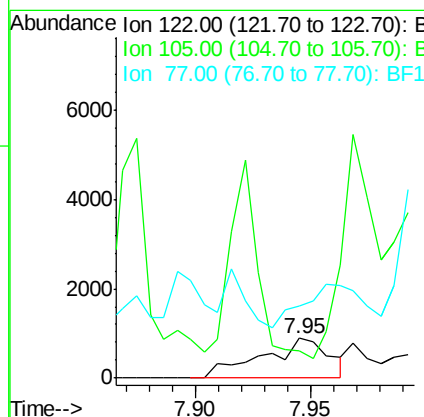
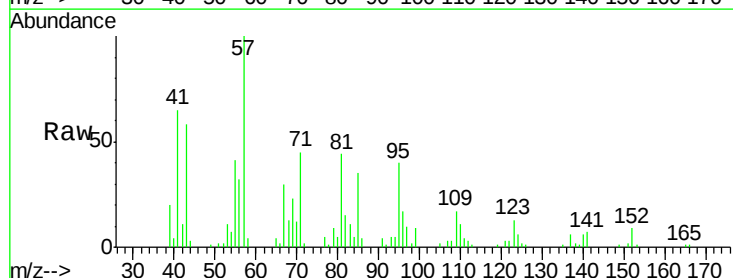
Instrument :
 BNA_F
 ClientSampleId :

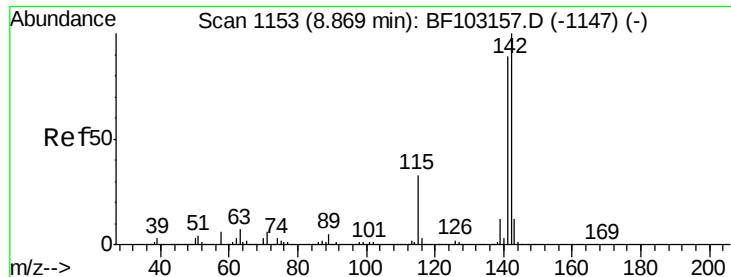
Tot Ion: 82 Resp: 11413
 Ion Ratio Lower Upper
 82 100
 128 41.7 36.1 54.1
 54 71.3 41.4 62.2#



#32
 Benzoic acid
 Concen: 7.237 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF103345.D
 Acq: 1 Mar 2018 19:03

Tgt Ion:122 Resp: 1798
 Ion Ratio Lower Upper
 122 100
 105 69.6 101.1 141.1#
 77 181.0 70.7 110.7#

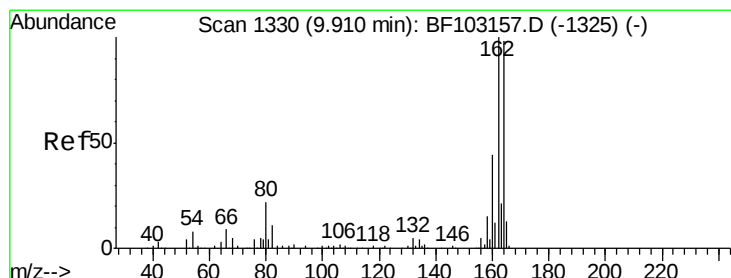
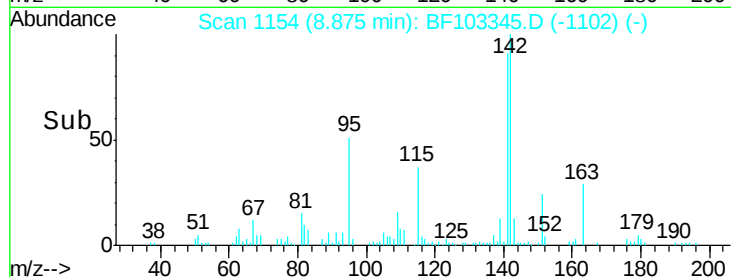
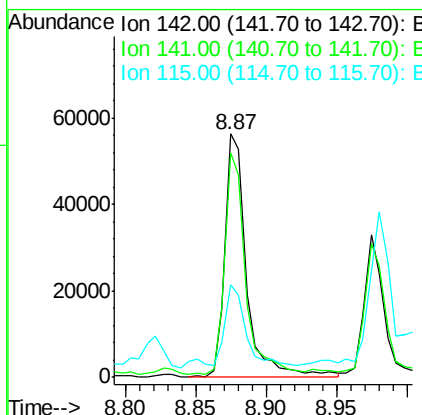
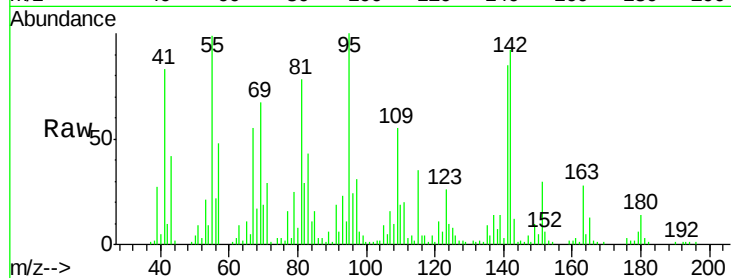




#37
 2-Methylnaphthalene
 Concen: 4.169 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF103345.D
 Acq: 1 Mar 2018 19:03

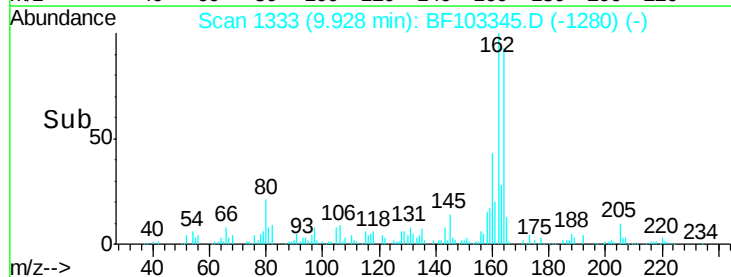
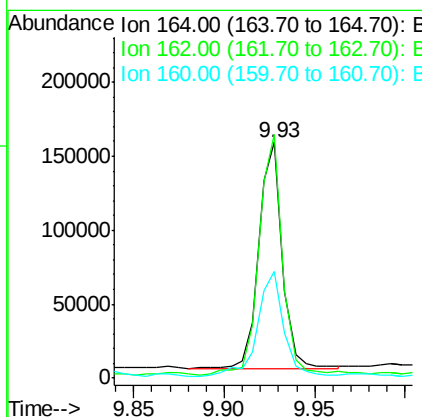
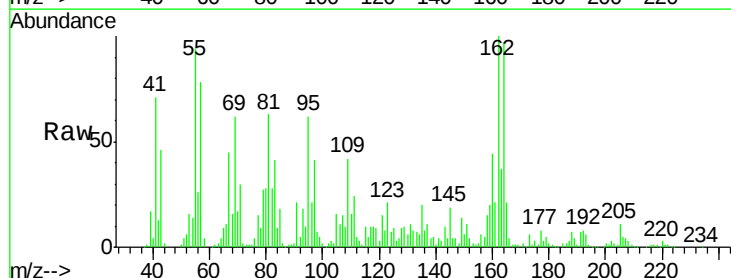
Instrument :
 BNA_F
 ClientSampled :

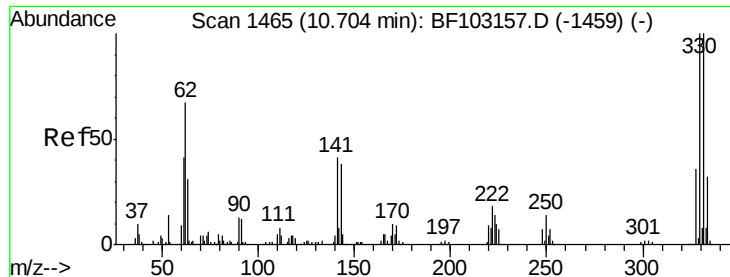
Tot Ion:142 Resp: 60933
 Ion Ratio Lower Upper
 142 100
 141 92.3 70.8 106.2
 115 38.1 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF103345.D
 Acq: 1 Mar 2018 19:03

Tgt Ion:164 Resp: 138388
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 45.2 38.3 57.5

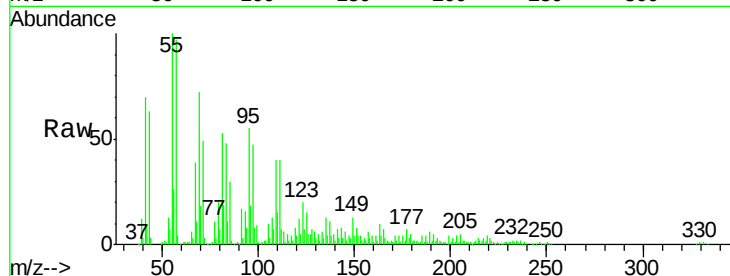




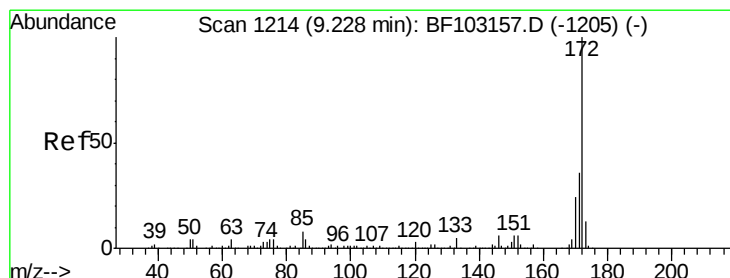
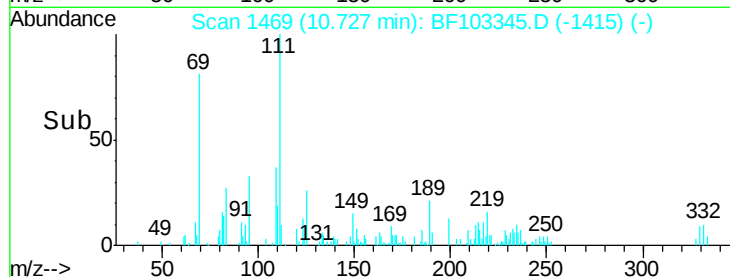
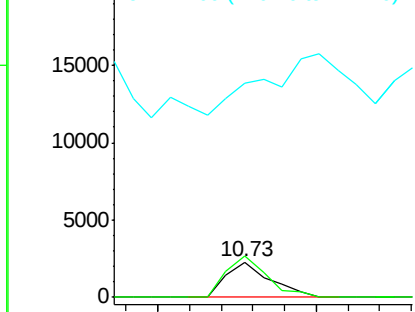
#41
 2,4,6-Tribromophenol
 Concen: 1.841 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.02 min
 Lab File: BF103345.D
 Acq: 1 Mar 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 2156
 Ion Ratio Lower Upper
 330 100
 332 112.2 77.0 115.6
 141 0.0 29.9 44.9#

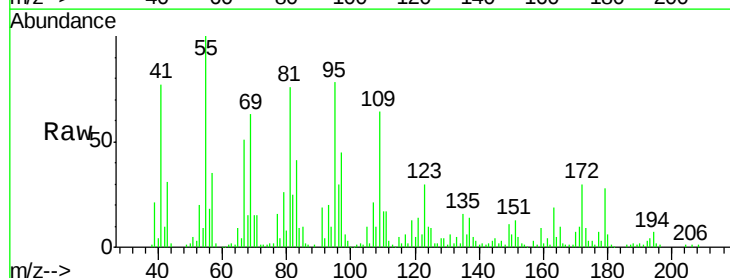


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

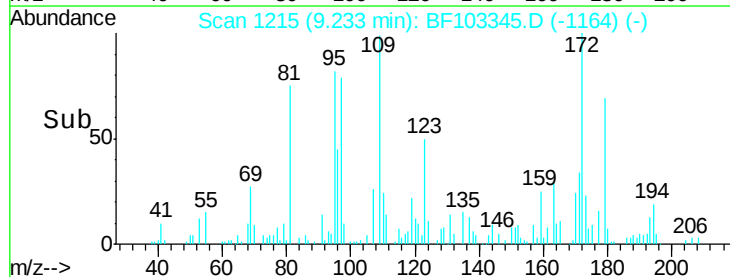
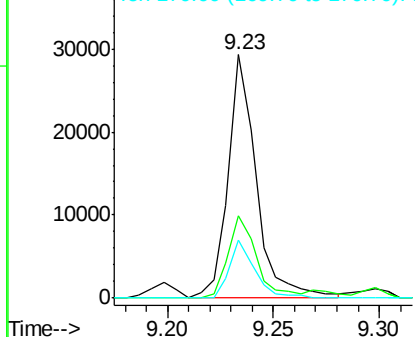


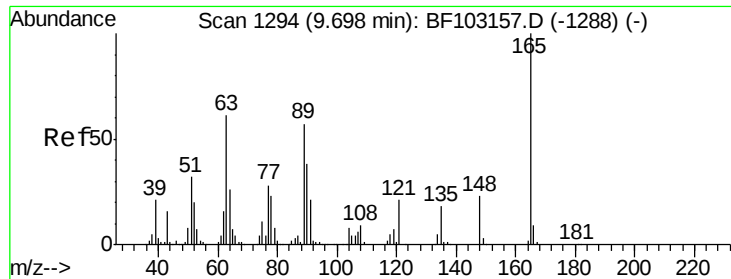
#44
 2-Fluorobiphenyl
 Concen: 0.171 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103345.D
 Acq: 1 Mar 2018 19:03

Tgt Ion:172 Resp: 27181
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.7 44.5
 170 23.8 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

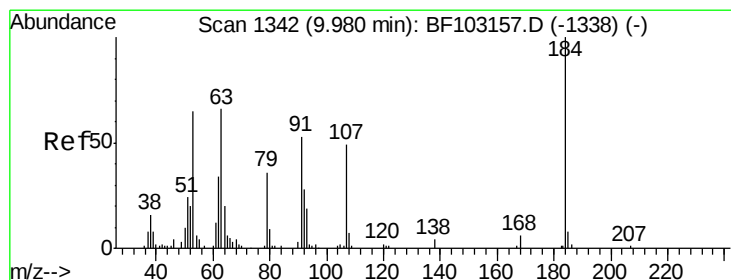
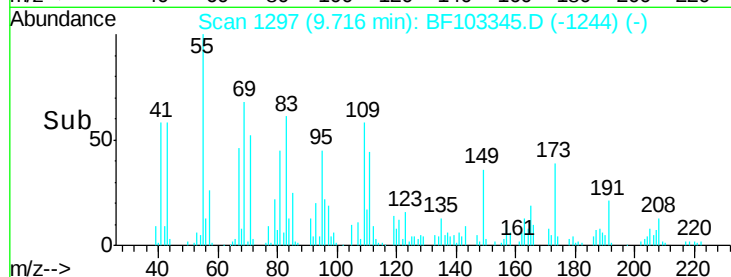
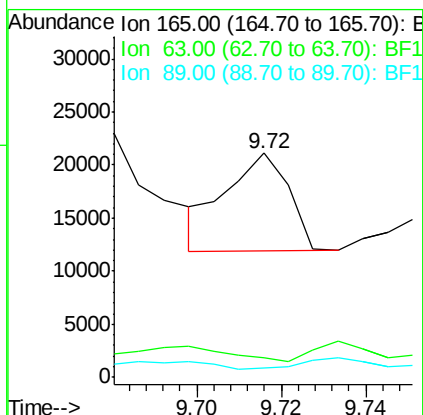
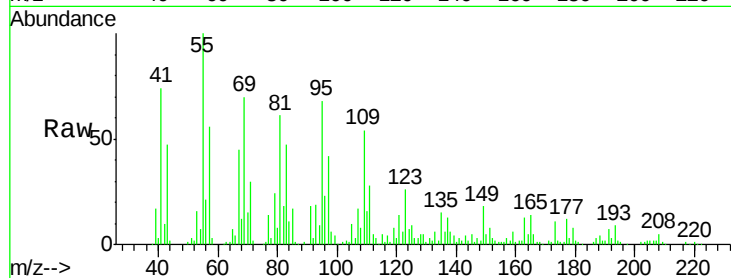




#50
2,6-Dinitrotoluene
Concen: 4.070 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF103345.D
Acq: 1 Mar 2018 19:03

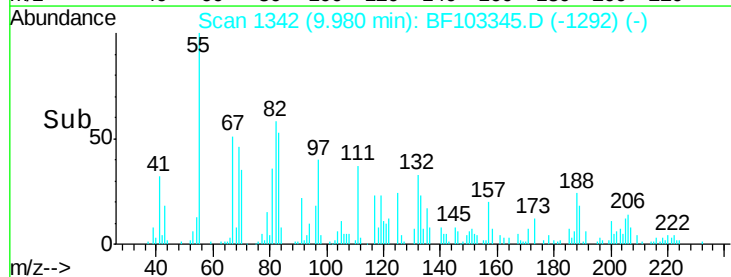
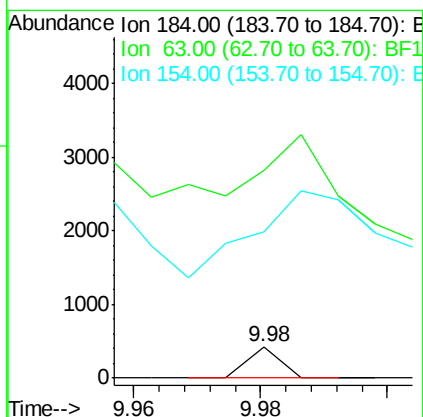
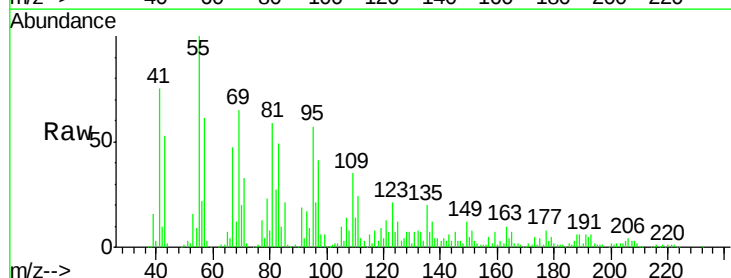
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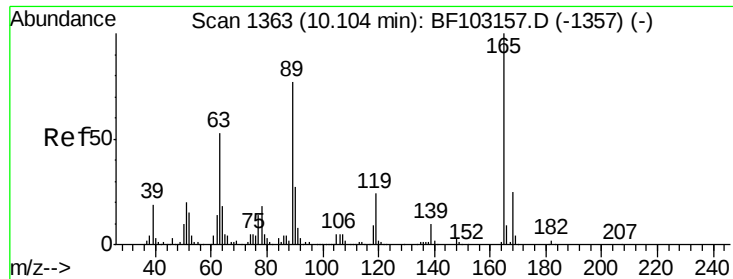
Tot Ion:165 Resp: 9481
Ion Ratio Lower Upper
165 100
63 8.7 44.7 67.1#
89 4.4 44.0 66.0#



#53
2,4-Dinitrophenol
Concen: 9.778 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF103345.D
Acq: 1 Mar 2018 19:03

Tgt Ion:184 Resp: 150
Ion Ratio Lower Upper
184 100
63 665.3 54.2 81.2#
154 467.7 184.0 276.0#

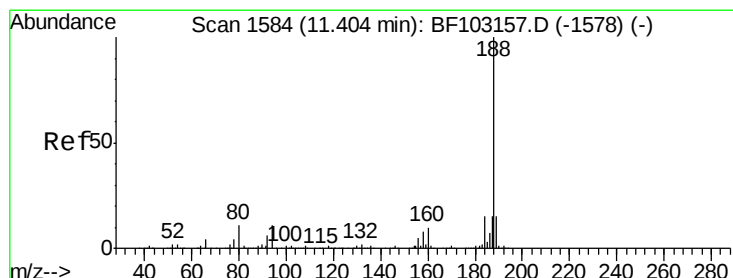
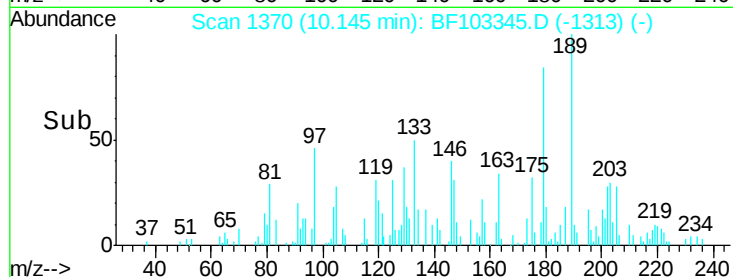
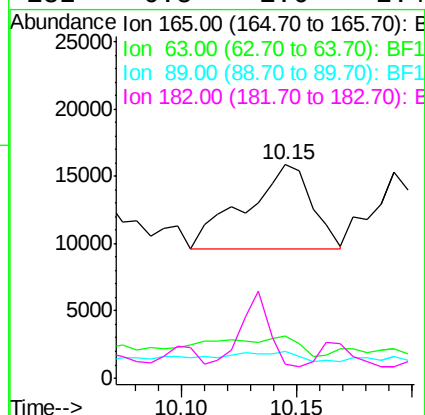
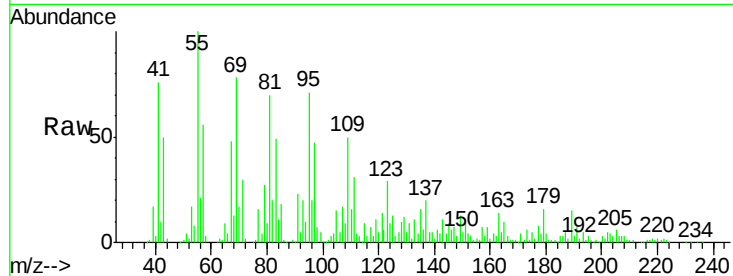




#56
2,4-Dinitrotoluene
Concen: 4.263 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.04 min
Lab File: BF103345.D
Acq: 1 Mar 2018 19:03

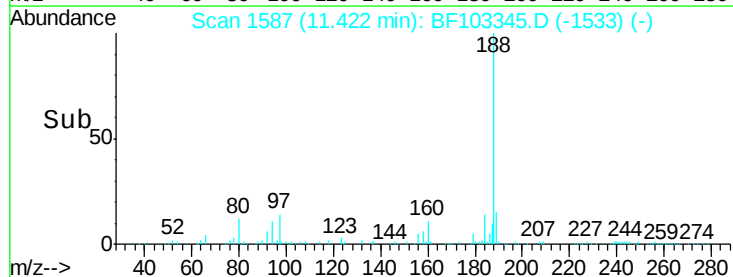
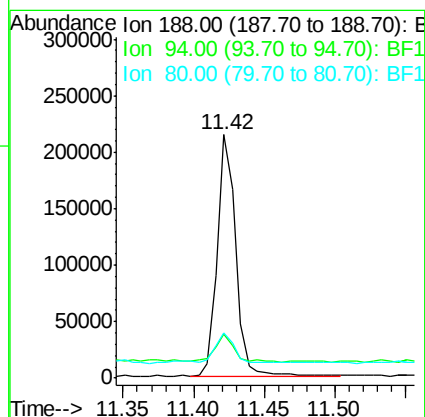
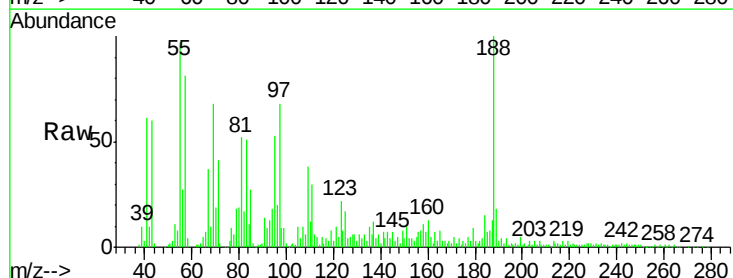
Instrument :
BNA_F
ClientSampleId :

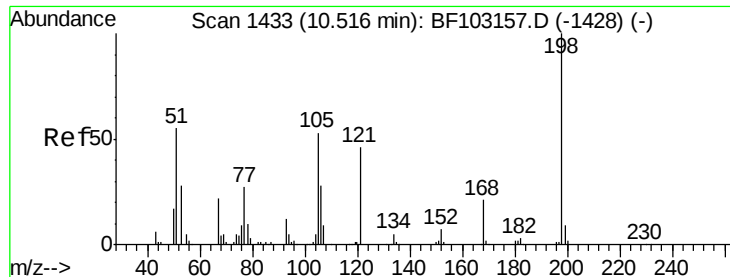
Tot Ion:165 Resp: 12562
Ion Ratio Lower Upper
165 100
63 19.6 36.4 54.6#
89 12.7 57.8 86.6#
182 6.5 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.02 min
Lab File: BF103345.D
Acq: 1 Mar 2018 19:03

Tgt Ion:188 Resp: 195320
Ion Ratio Lower Upper
188 100
94 18.3 8.5 12.7#
80 18.7 9.2 13.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 6.362 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF103345.D

Acq: 1 Mar 2018 19:03

Instrument :

BNA_F

ClientSampleId :

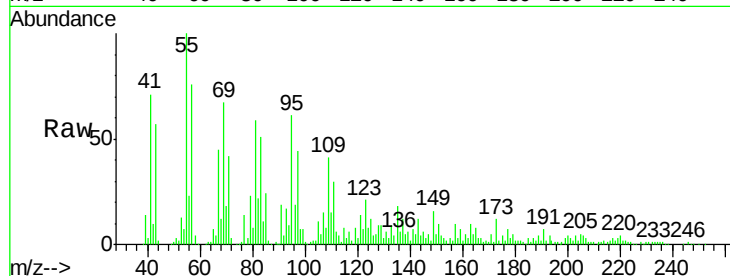
Tot Ion:198 Resp: 1877

Ion Ratio Lower Upper

198 100

51 537.0 37.7 77.7#

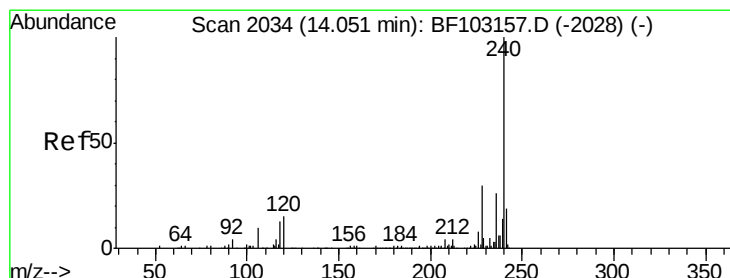
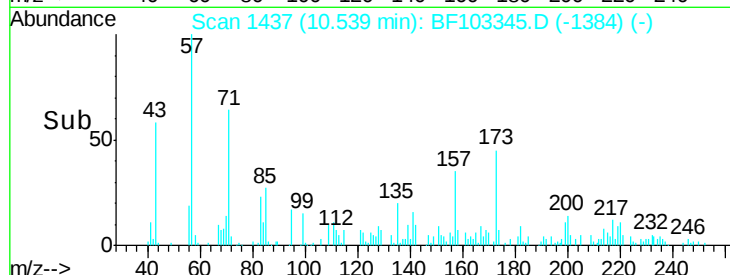
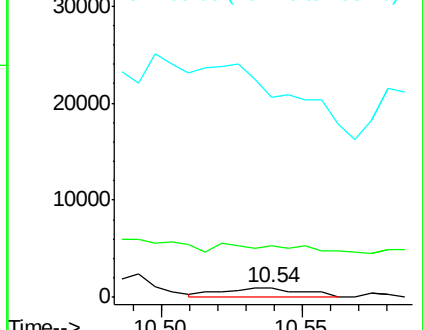
105 2085.0 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BF103345.D

Acq: 1 Mar 2018 19:03

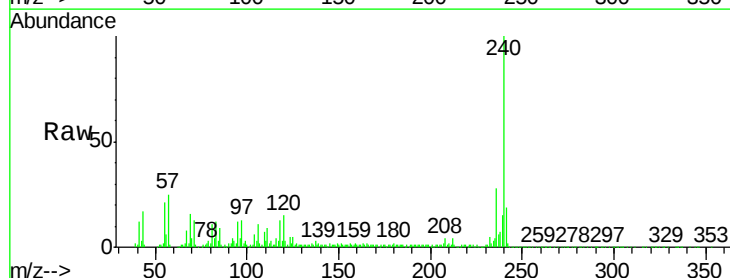
Tgt Ion:240 Resp: 180810

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

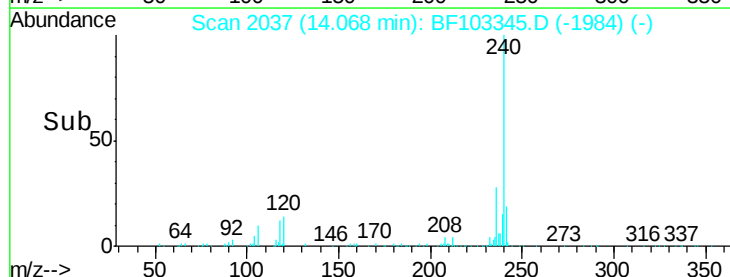
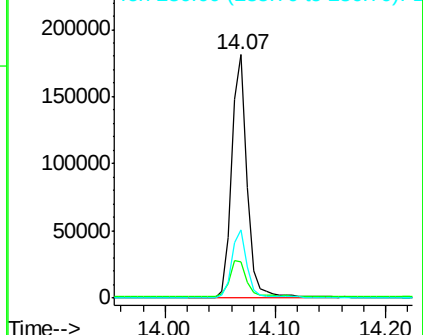
236 27.8 20.7 31.1

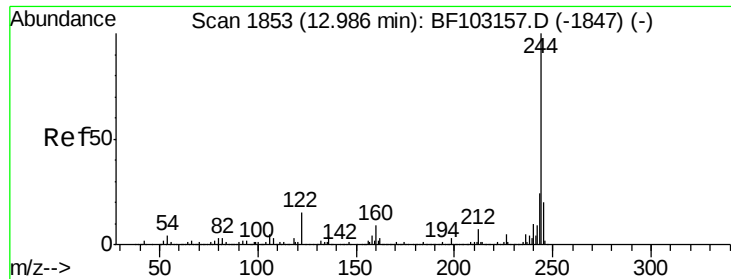


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 2.689 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BF103345.D

Acq: 1 Mar 2018 19:03

Instrument :

BNA_F

ClientSampleId :

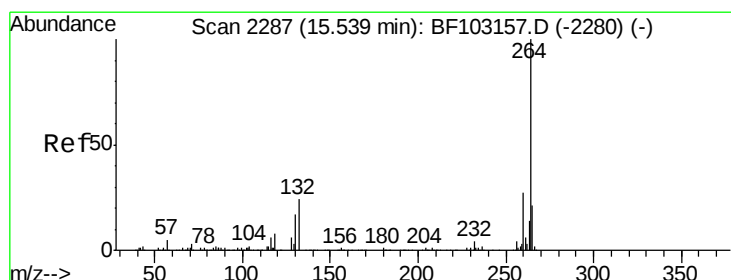
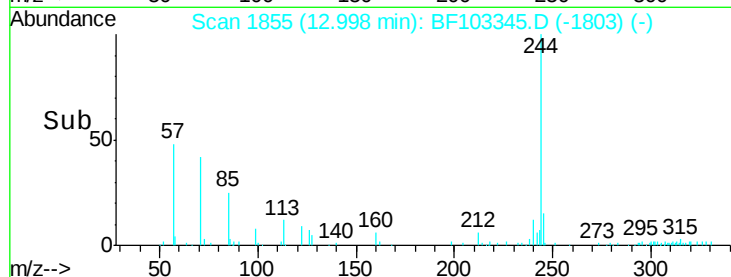
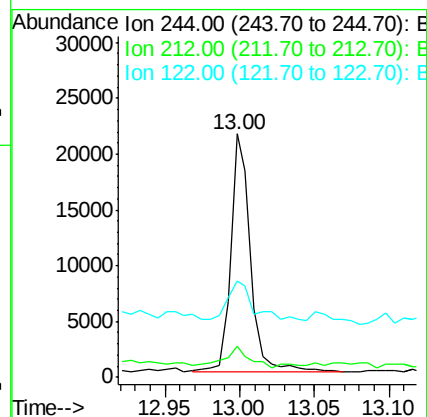
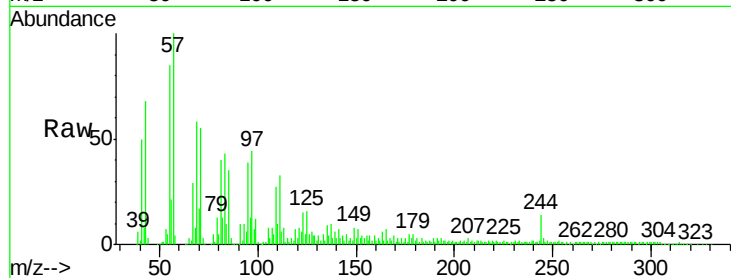
Tot Ion:244 Resp: 20227

Ion Ratio Lower Upper

244 100

212 12.6 5.4 8.0#

122 39.7 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. 0.01 min

Lab File: BF103345.D

Acq: 1 Mar 2018 19:03

Tgt Ion:264 Resp: 134216

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 22.4 17.5 26.3

