

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103539.D
 Acq On : 9 Mar 2018 2:32
 Operator : SJ/JU
 Sample : J1794-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 03:14:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

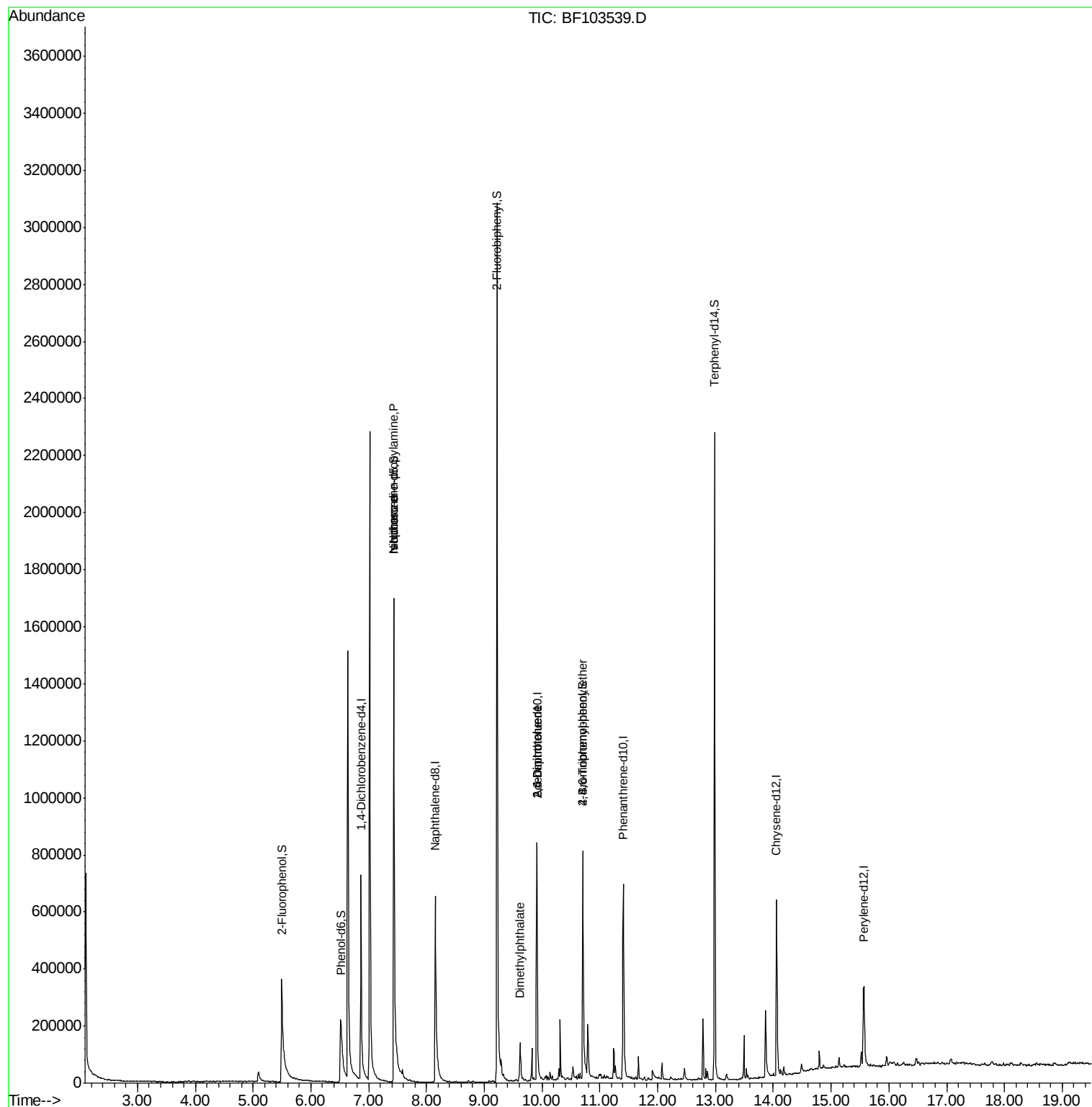
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	139256	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	571453	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	215515	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	335310	20.00	ng	0.00
75) Chrysene-d12	14.06	240	241910	20.00	ng	0.00
86) Perylene-d12	15.57	264	172960	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	280769	30.49	ng	0.00
7) Phenol-d6	6.52	99	222145	19.72	ng	0.01
23) Nitrobenzene-d5	7.43	82	833790	83.33	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	105399	57.78	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1167693	96.30	ng	0.00
78) Terphenyl-d14	12.99	244	759693	75.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	106994	15.259	ng	Qvalue # 84
25) Isophorone	7.43	82	833790	42.308	ng	# 64
49) Dimethylphthalate	9.62	163	69347	4.011	ng	98
50) 2,6-Dinitrotoluene	9.90	165	28058	7.733	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	28460	6.202	ng	# 22
66) 4-Bromophenyl-phenylether	10.70	248	7564	2.166	ng	# 1

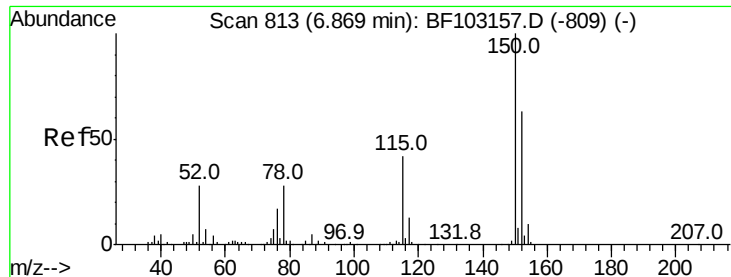
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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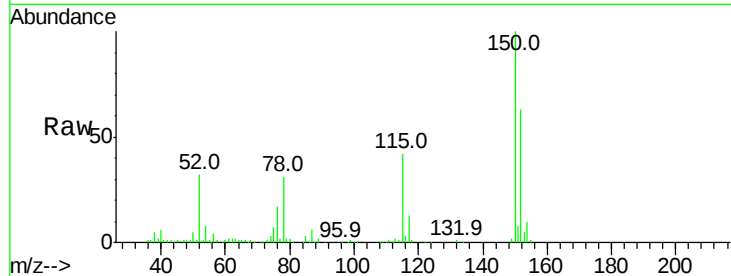


#1

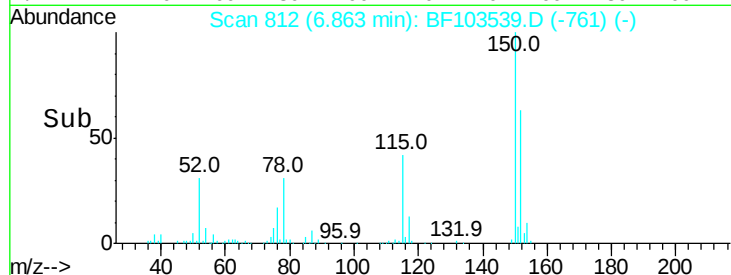
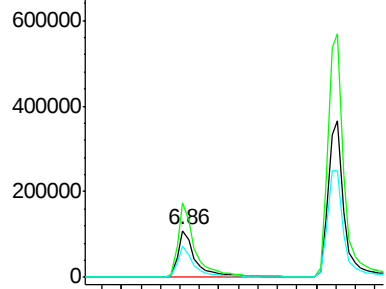
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF103539.D
Acq: 9 Mar 2018 2:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139256
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 66.8 50.1 75.1



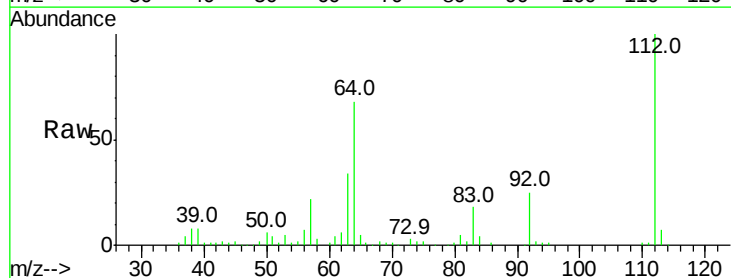
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



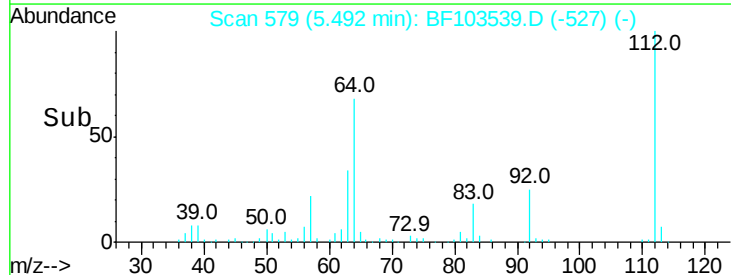
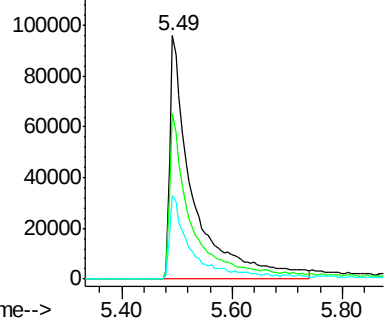
#5

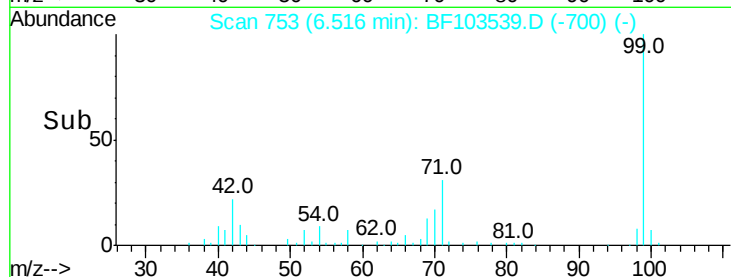
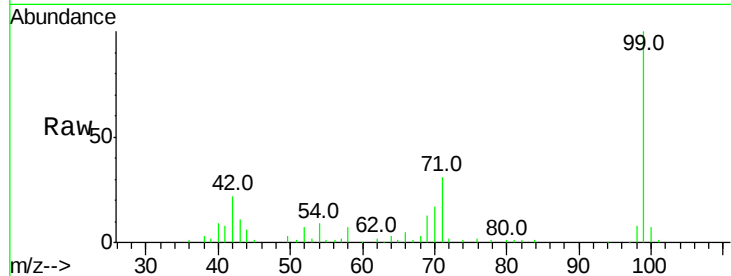
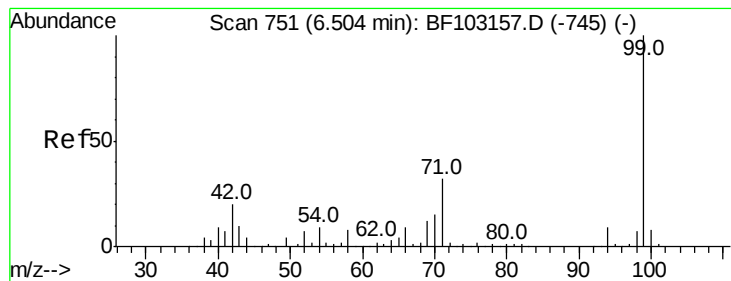
2-Fluorophenol
Concen: 30.494 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103539.D
Acq: 9 Mar 2018 2:32

Tgt Ion:112 Resp: 280769
Ion Ratio Lower Upper
112 100
64 68.0 47.9 71.9
63 34.4 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: 19.717 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103539.D

Acq: 9 Mar 2018 2:32

Instrument :

BNA_F

ClientSampleId :

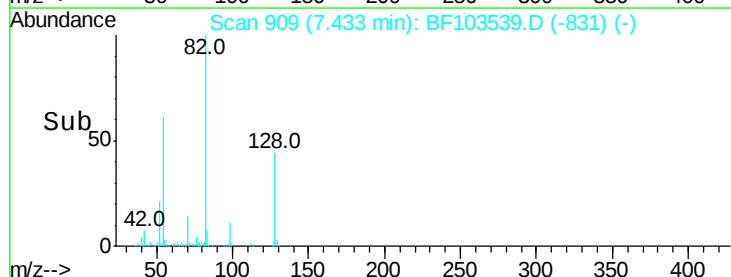
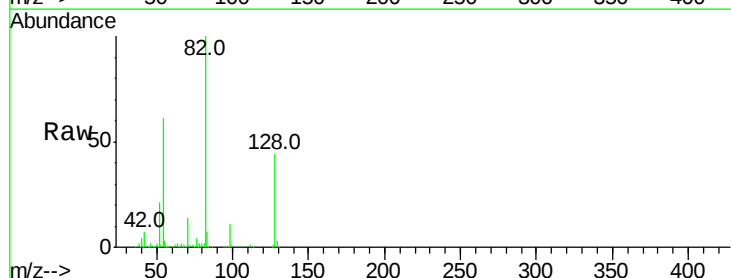
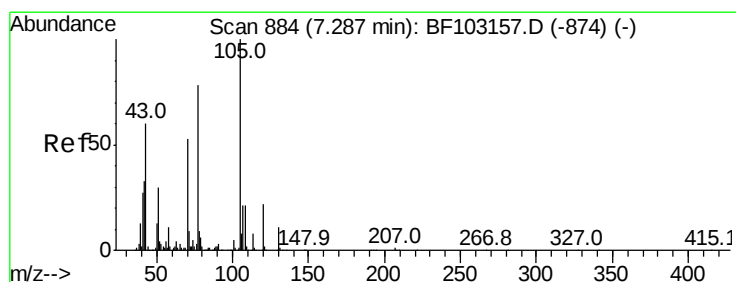
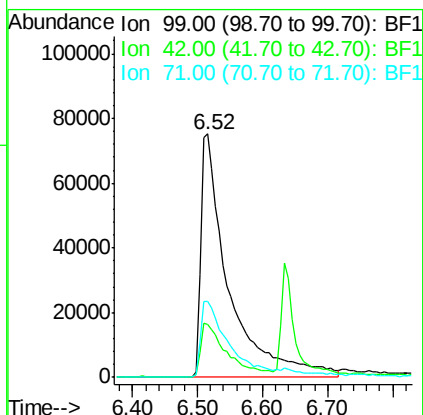
Tot Ion: 99 Resp: 222145

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

71 31.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.259 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.16 min

Lab File: BF103539.D

Acq: 9 Mar 2018 2:32

Tgt Ion: 70 Resp: 106994

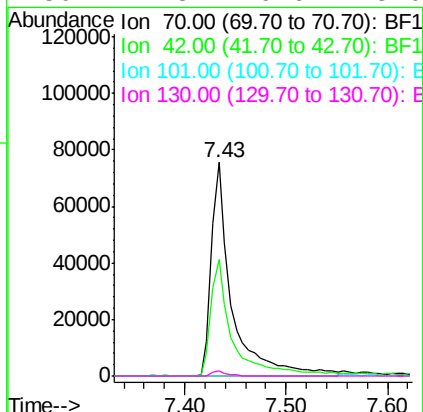
Ion Ratio Lower Upper

70 100

42 54.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

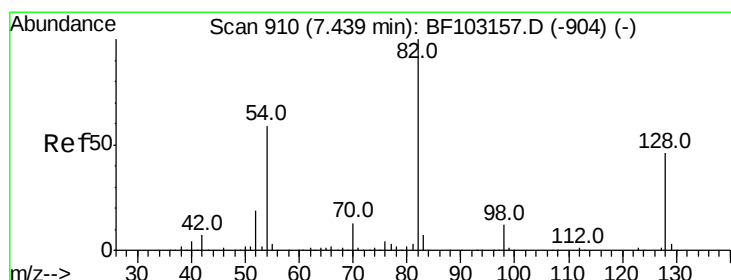
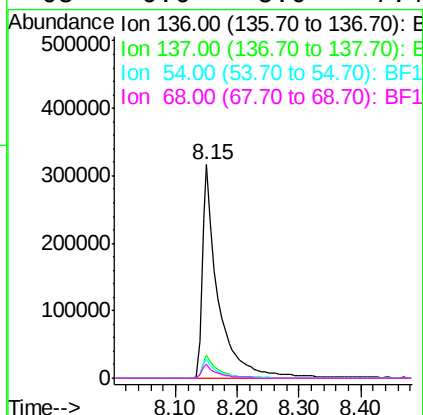
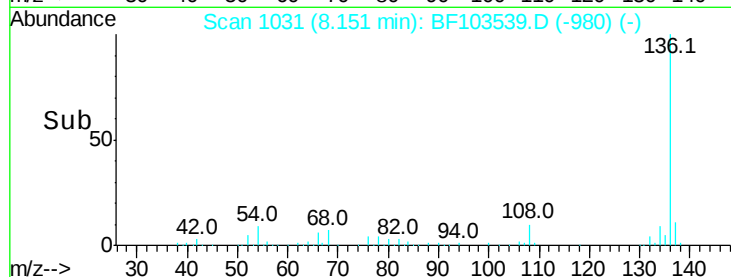
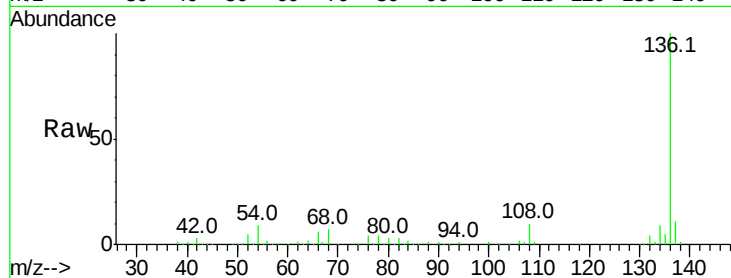




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF103539.D
Acq: 9 Mar 2018 2:32

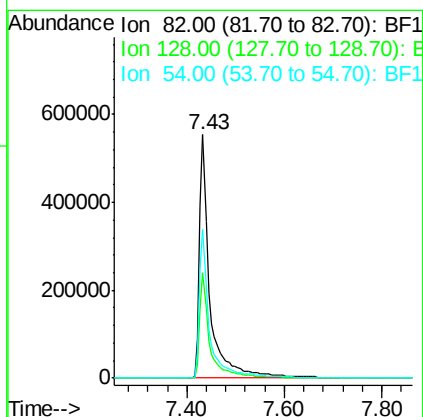
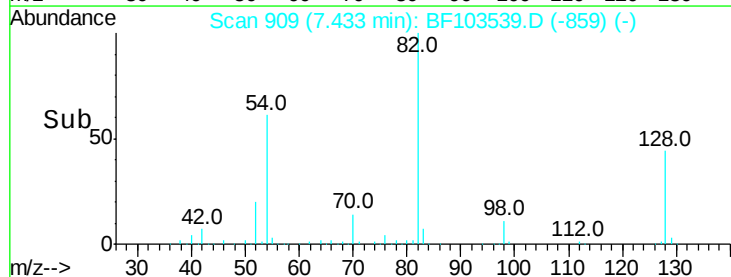
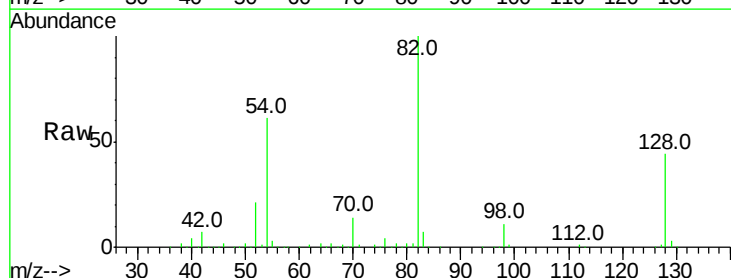
Instrument :
BNA_F
ClientSampled :

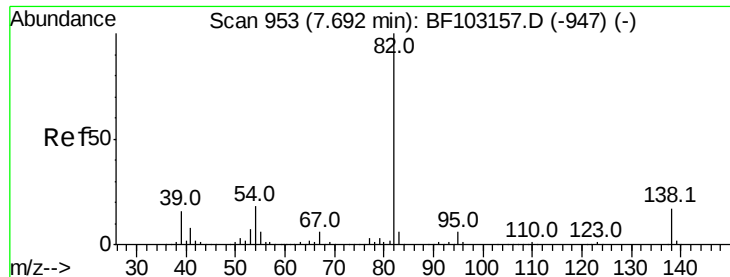
Tot Ion:	136	Resp:	571453
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.0	6.6	9.8
68	6.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 83.325 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103539.D
Acq: 9 Mar 2018 2:32

Tgt Ion:	82	Resp:	833790
Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	61.1	41.4	62.2





#25

Isophorone

Concen: 42.308 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BF103539.D

Acq: 9 Mar 2018 2:32

Instrument :

BNA_F

ClientSampleId :

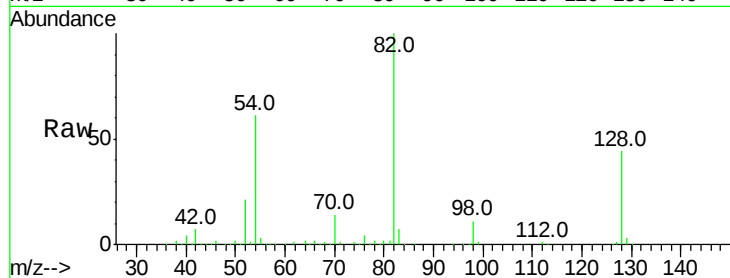
Tot Ion: 82 Resp: 833790

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

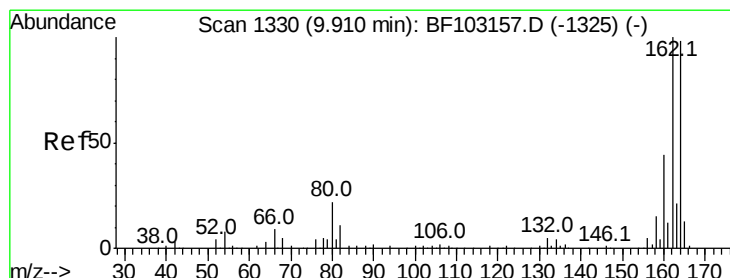
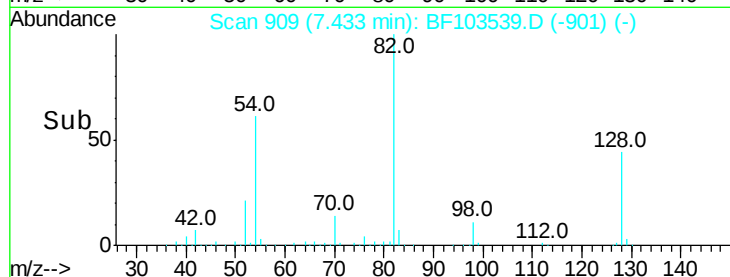
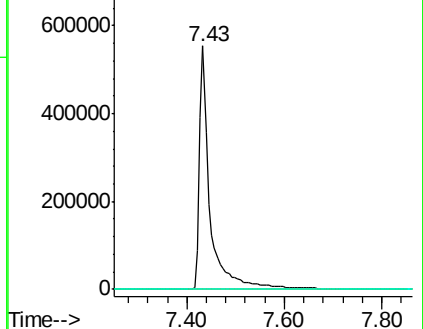
138 0.0 14.9 22.3#



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: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF103539.D

Acq: 9 Mar 2018 2:32

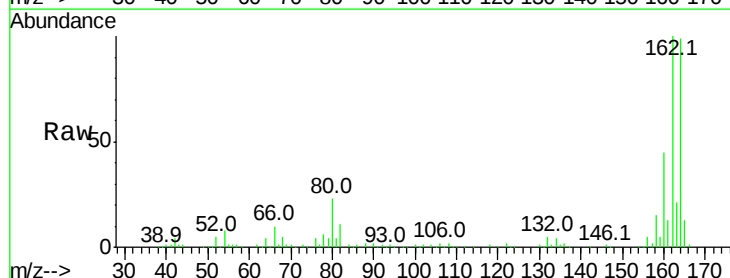
Tgt Ion:164 Resp: 215515

Ion Ratio Lower Upper

164 100

162 101.1 86.1 129.1

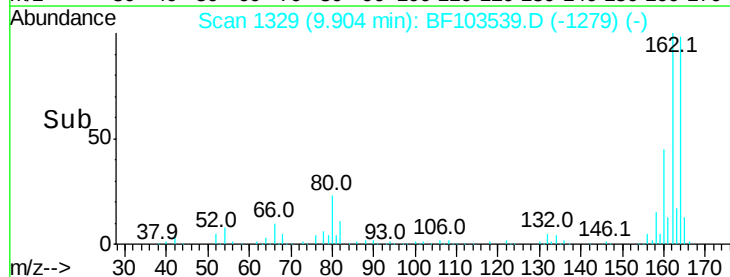
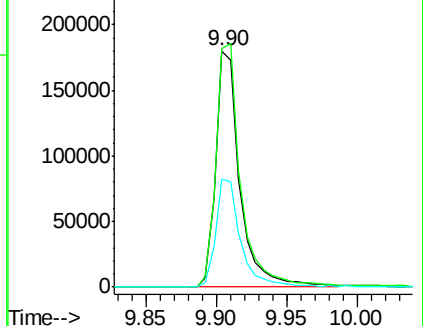
160 45.4 38.3 57.5



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

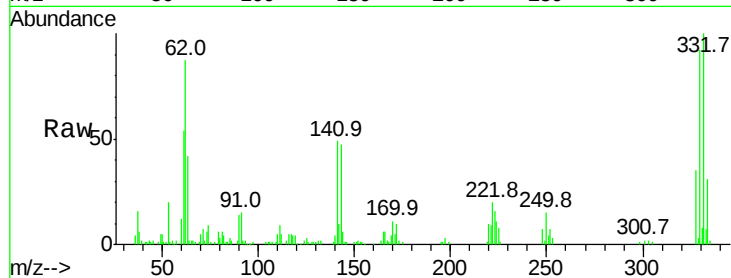




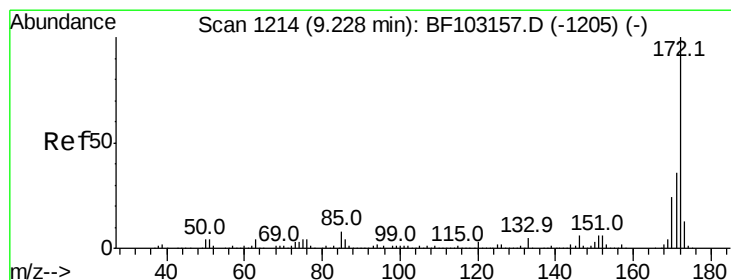
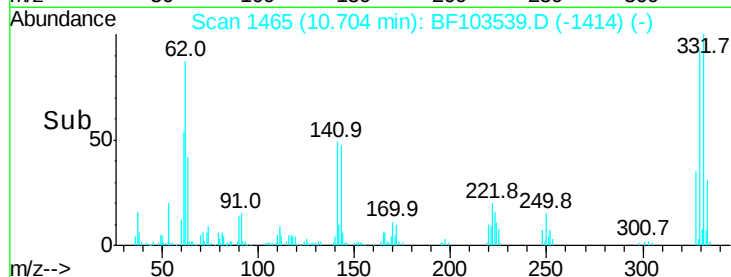
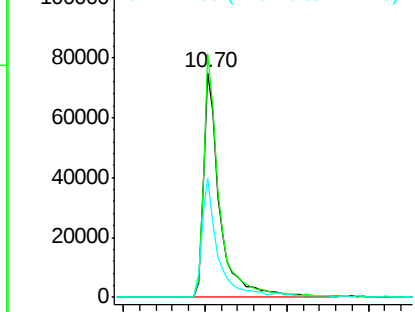
#41
 2,4,6-Tribromophenol
 Concen: 57.778 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103539.D
 Acq: 9 Mar 2018 2:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 105399
 Ion Ratio Lower Upper
 330 100
 332 103.5 77.0 115.6
 141 50.8 29.9 44.9#

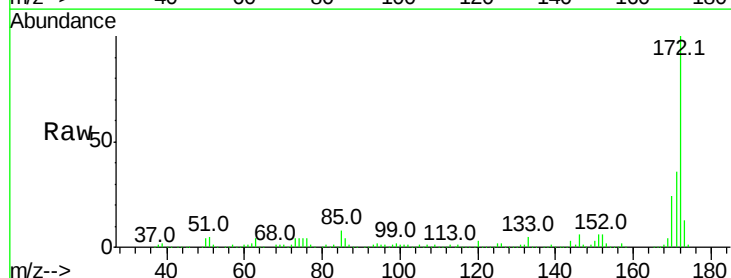


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

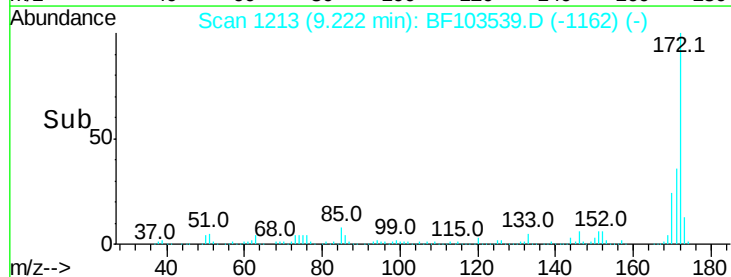
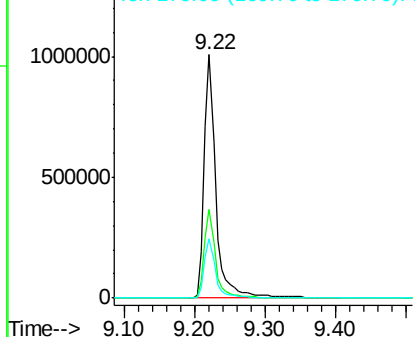


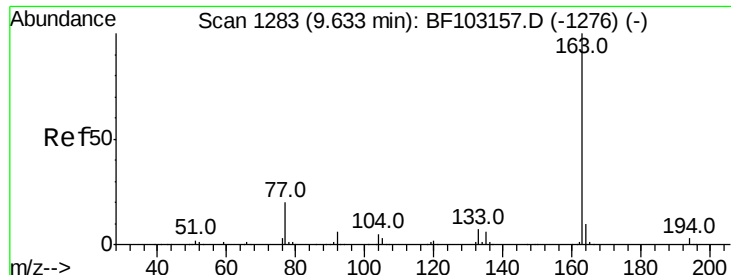
#44
 2-Fluorobiphenyl
 Concen: 96.299 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF103539.D
 Acq: 9 Mar 2018 2:32

Tgt Ion:172 Resp: 1167693
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.4 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

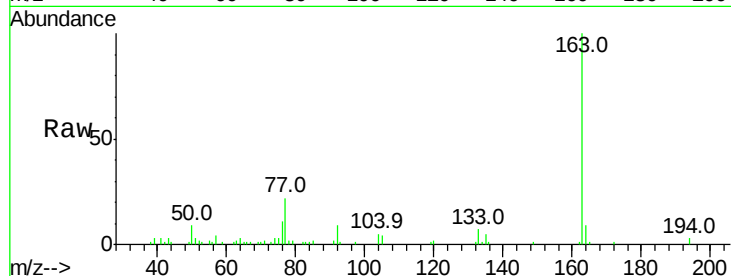




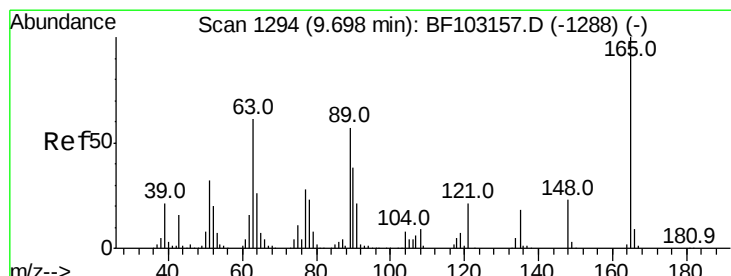
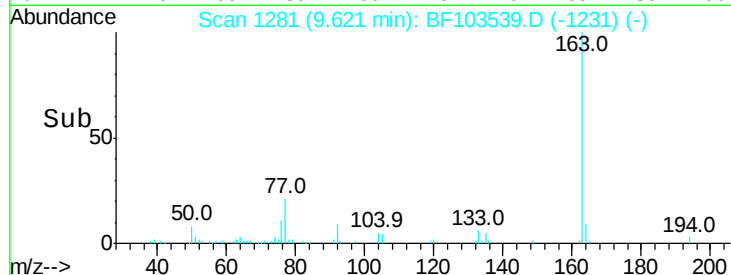
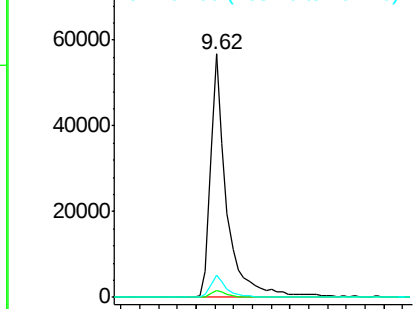
#49
Dimethylphthalate
Concen: 4.011 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103539.D
Acq: 9 Mar 2018 2:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 69347
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 9.4 8.2 12.2

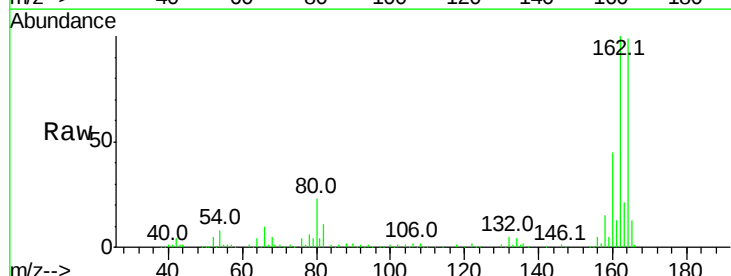


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

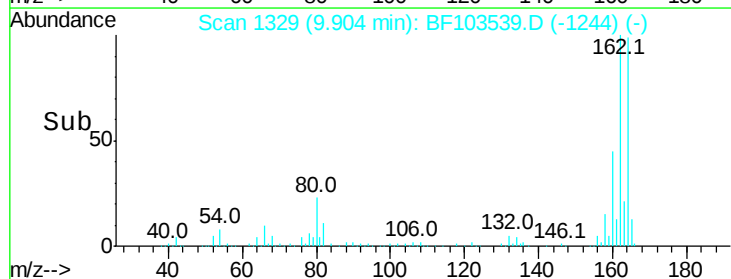
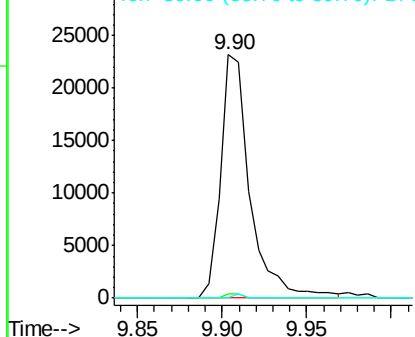


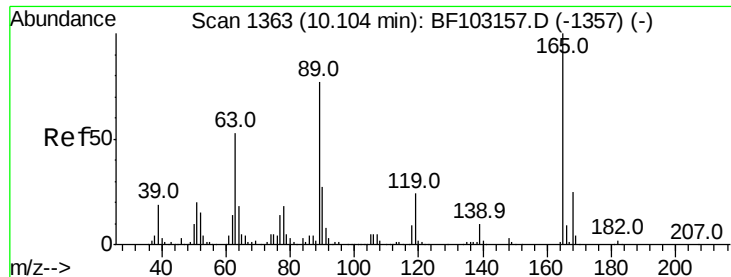
#50
2,6-Dinitrotoluene
Concen: 7.733 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF103539.D
Acq: 9 Mar 2018 2:32

Tgt Ion:165 Resp: 28058
Ion Ratio Lower Upper
165 100
63 1.8 44.7 67.1#
89 0.0 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

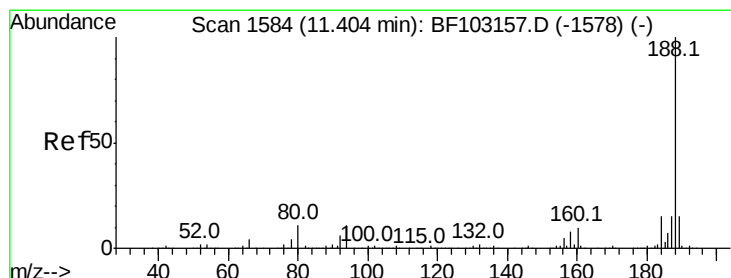
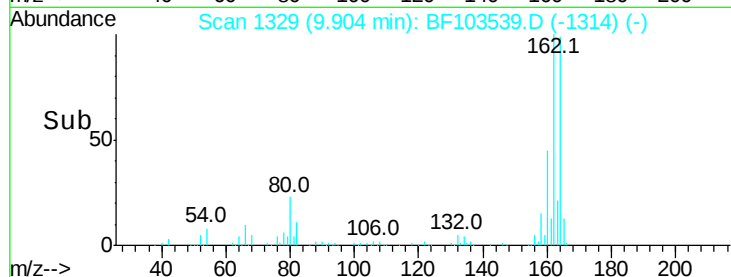
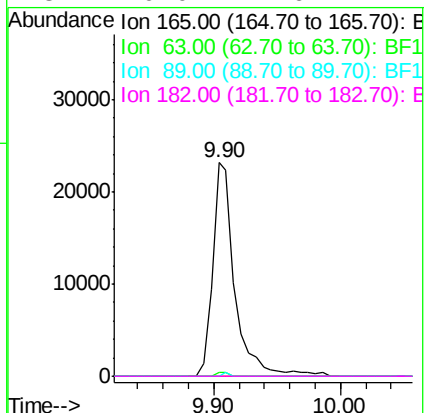
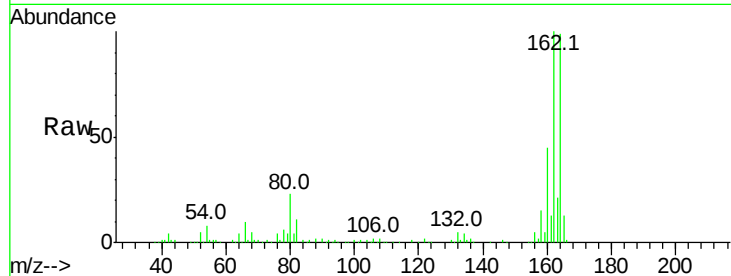




#56
2,4-Dinitrotoluene
Concen: 6.202 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF103539.D
Acq: 9 Mar 2018 2:32

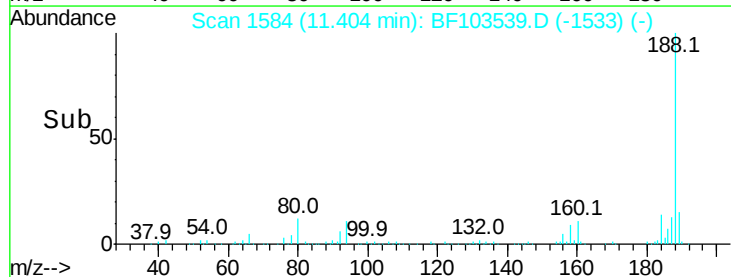
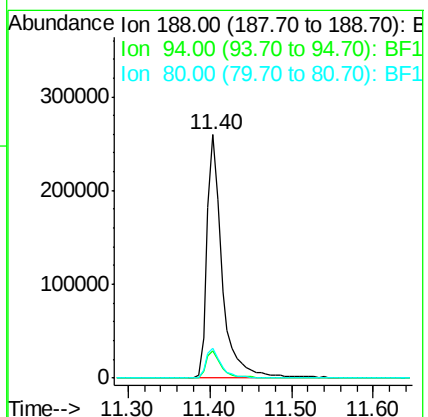
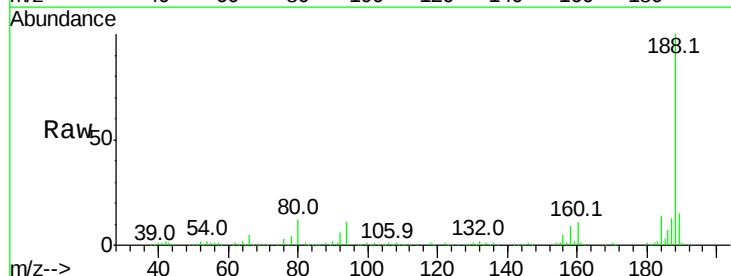
Instrument :
BNA_F
ClientSampleId :

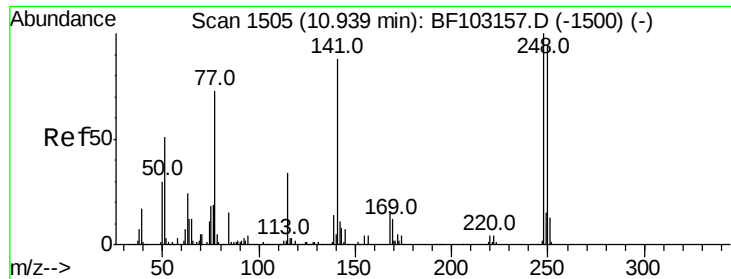
Tot Ion:165 Resp: 28460
Ion Ratio Lower Upper
165 100
63 1.8 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103539.D
Acq: 9 Mar 2018 2:32

Tgt Ion:188 Resp: 335310
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.5 9.2 13.8

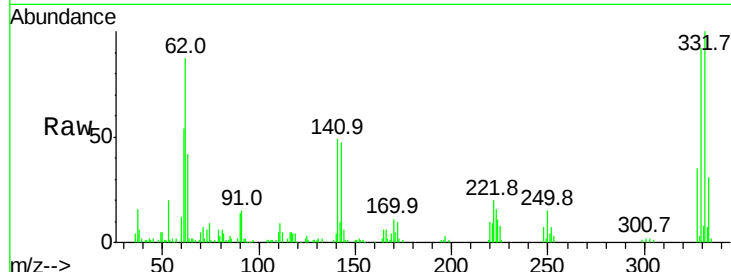




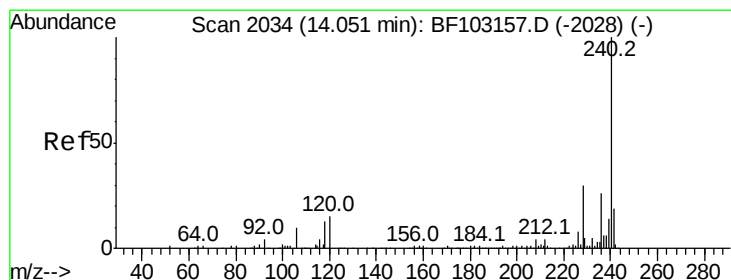
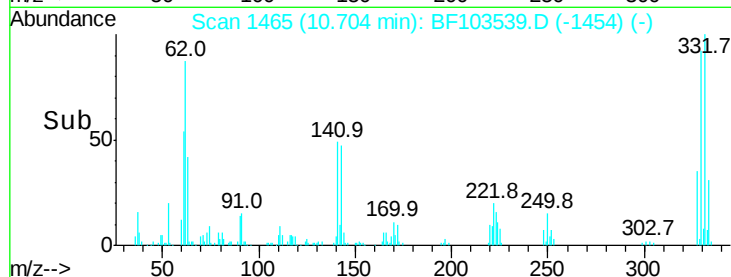
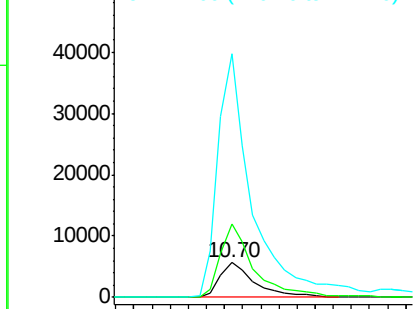
#66
4-Bromophenyl-phenylether
Concen: 2.166 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103539.D
Acq: 9 Mar 2018 2:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7564
Ion Ratio Lower Upper
248 100
250 210.8 76.9 115.3#
141 700.0 74.4 111.6#

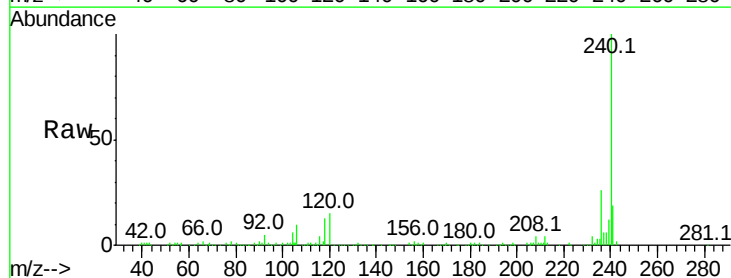


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

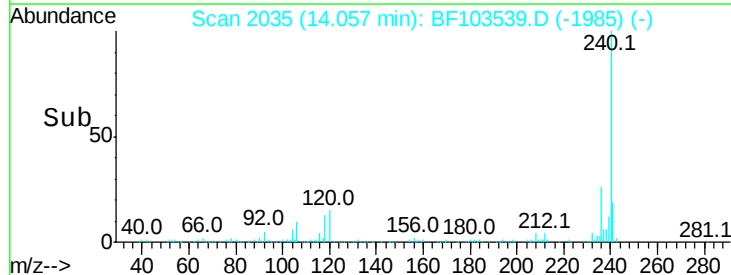
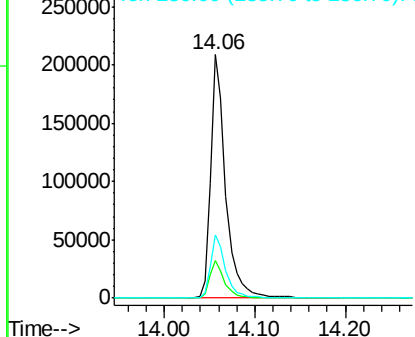


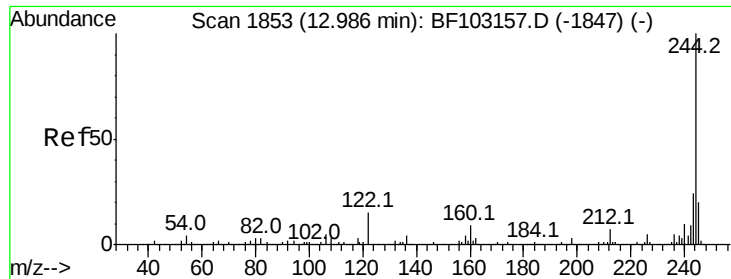
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103539.D
Acq: 9 Mar 2018 2:32

Tgt Ion:240 Resp: 241910
Ion Ratio Lower Upper
240 100
120 15.4 9.5 14.3#
236 25.7 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: 75.491 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF103539.D

Acq: 9 Mar 2018 2:32

Instrument :

BNA_F

ClientSampleId :

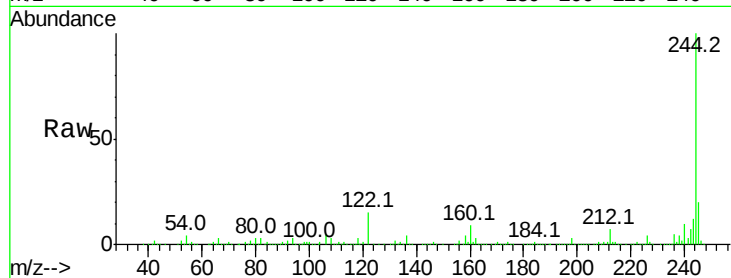
Tot Ion:244 Resp: 759693

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

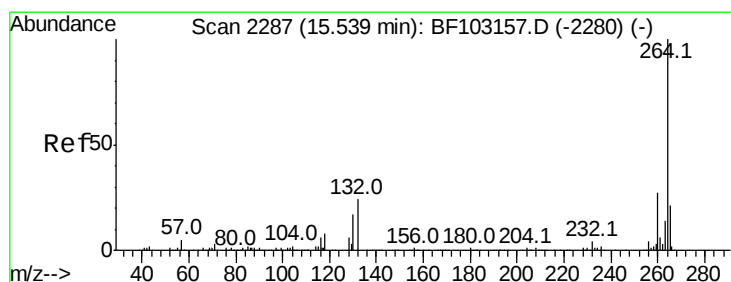
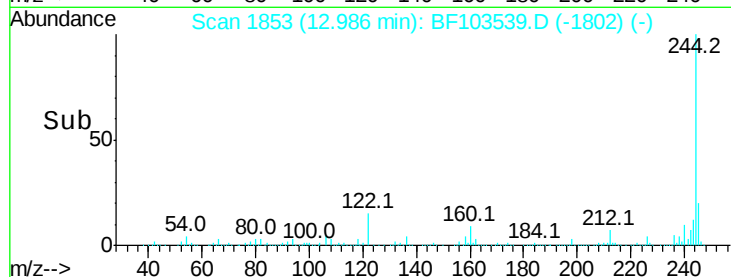
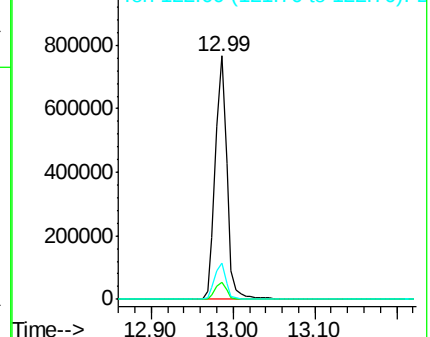
122 14.8 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BF103539.D

Acq: 9 Mar 2018 2:32

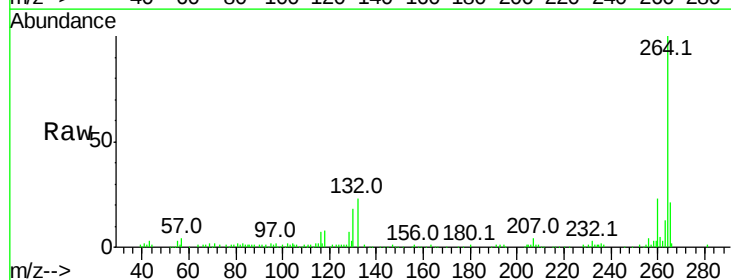
Tgt Ion:264 Resp: 172960

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

