

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103353.D
 Acq On : 1 Mar 2018 23:31
 Operator : SJ/JU
 Sample : J1734-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 09:30:38 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

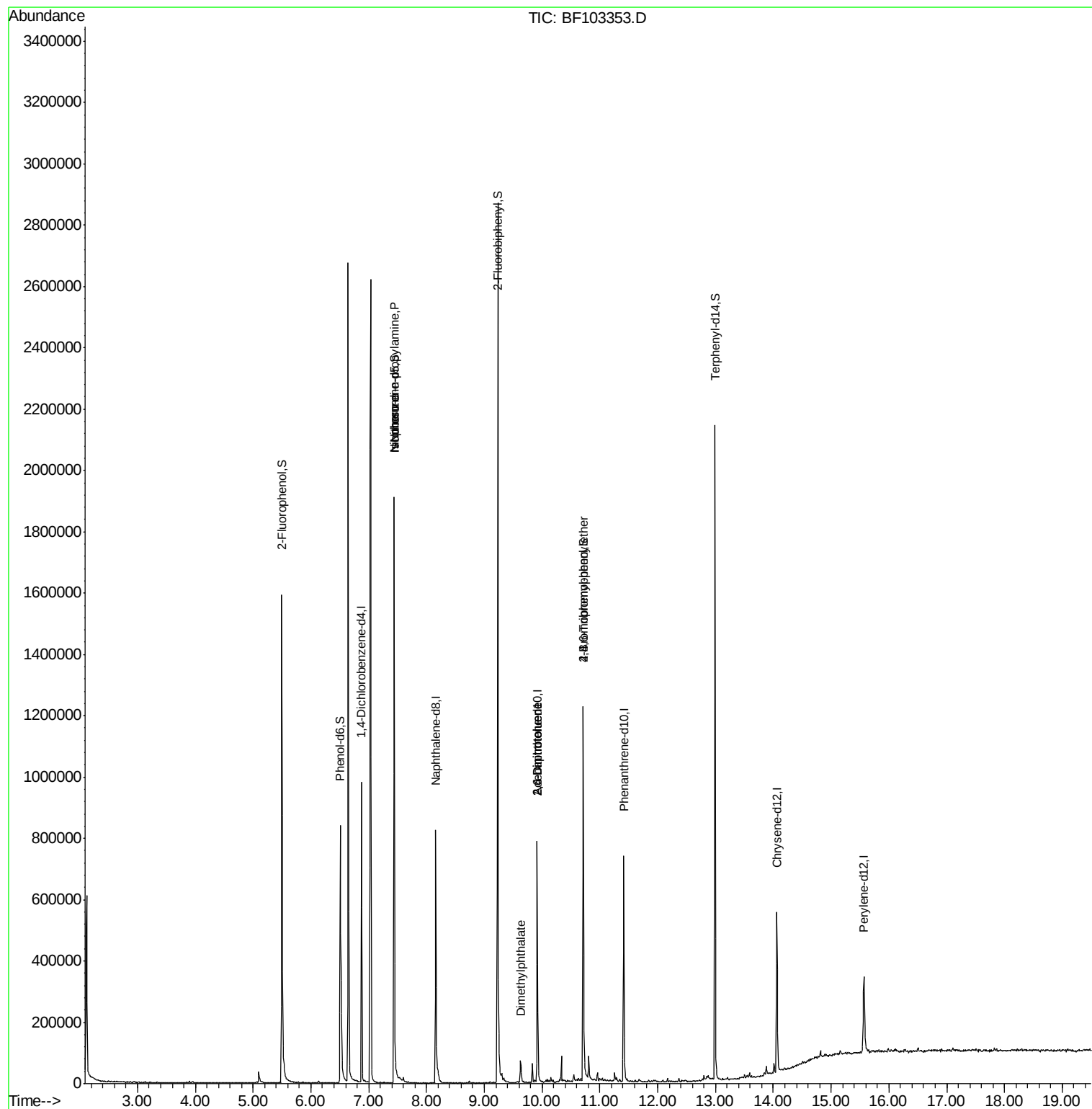
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	126551	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	473621	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	171761	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	272969	20.00	ng	0.00
75) Chrysene-d12	14.06	240	187538	20.00	ng	0.00
86) Perylene-d12	15.57	264	133475	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	495558	59.22	ng	0.00
7) Phenol-d6	6.51	99	375690	36.69	ng	0.00
23) Nitrobenzene-d5	7.44	82	687554	82.90	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	154941	106.57	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	958659	100.31	ng	0.00
78) Terphenyl-d14	12.99	244	774457	99.27	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	699	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	90071	14.135	ng	# 1
25) Isophorone	7.44	82	687550	42.094	ng	# 83
49) Dimethylphthalate	9.63	163	32785	2.379	ng	# 64
50) 2,6-Dinitrotoluene	9.92	165	21553	7.454	ng	# 98
56) 2,4-Dinitrotoluene	9.92	165	21553	5.894	ng	# 26
66) 4-Bromophenyl-phenylether	10.71	248	10351	3.640	ng	# 23
						# 1

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

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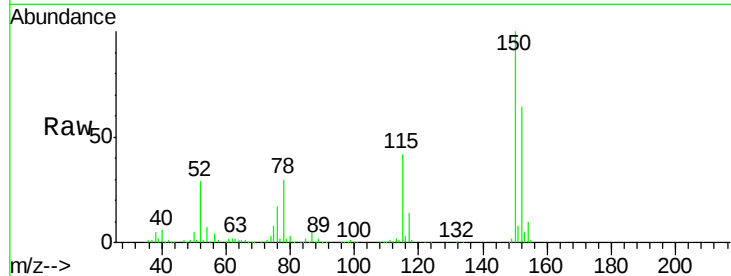


#1

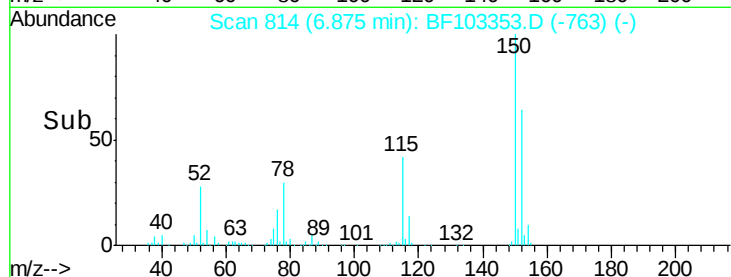
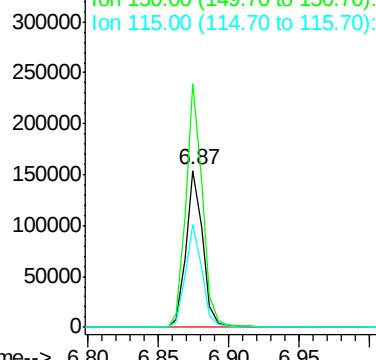
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103353.D
Acq: 1 Mar 2018 23:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126551
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 65.2 50.1 75.1



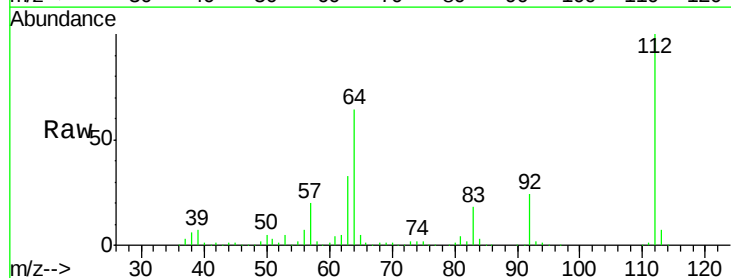
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



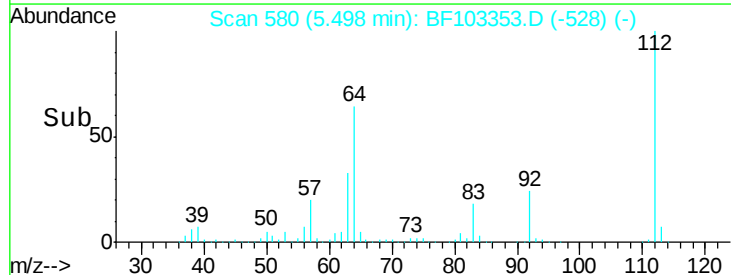
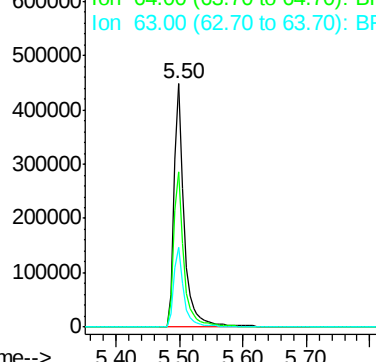
#5

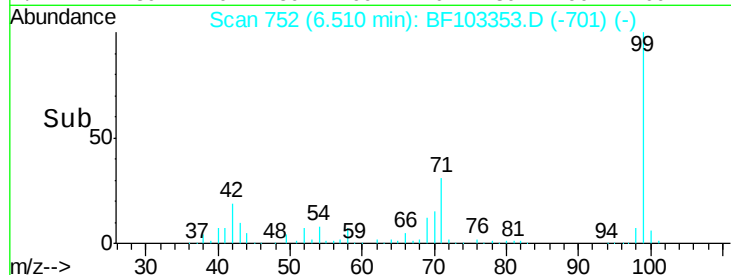
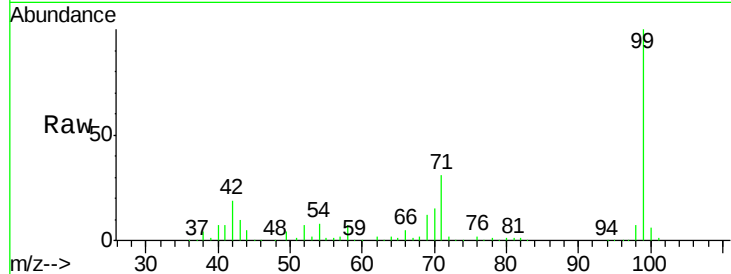
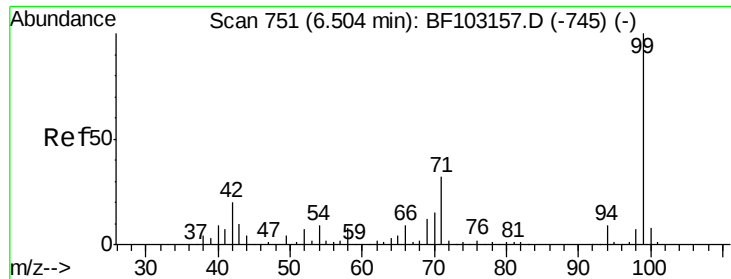
2-Fluorophenol
Concen: 59.225 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103353.D
Acq: 1 Mar 2018 23:31

Tgt Ion:112 Resp: 495558
Ion Ratio Lower Upper
112 100
64 64.0 47.9 71.9
63 32.7 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: 36.693 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103353.D

Acq: 1 Mar 2018 23:31

Instrument :

BNA_F

ClientSampleId :

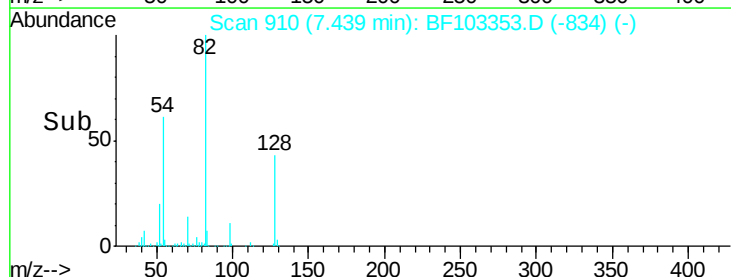
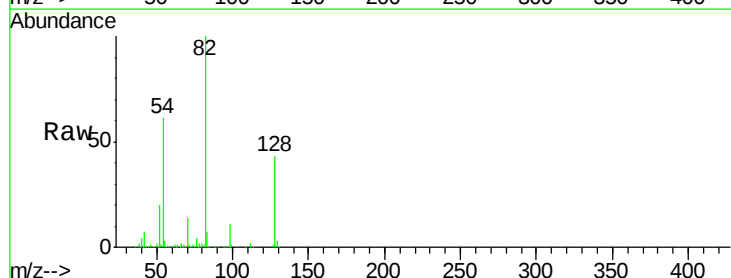
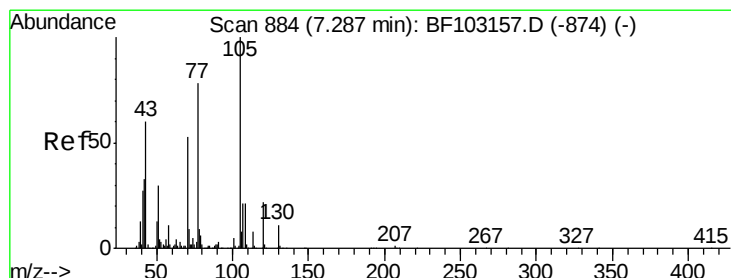
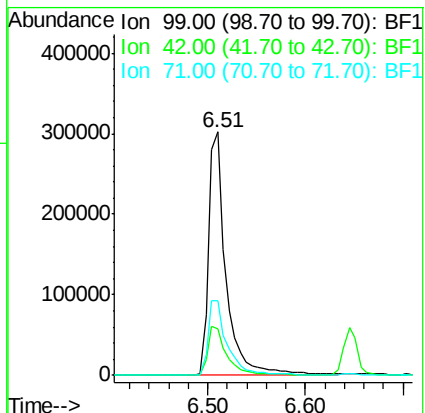
Tot Ion: 99 Resp: 375690

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 30.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.135 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103353.D

Acq: 1 Mar 2018 23:31

Tgt Ion: 70 Resp: 90071

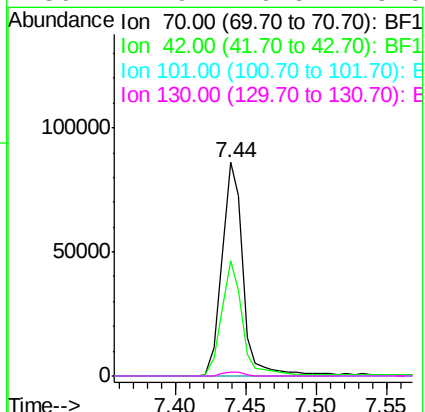
Ion Ratio Lower Upper

70 100

42 54.1 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

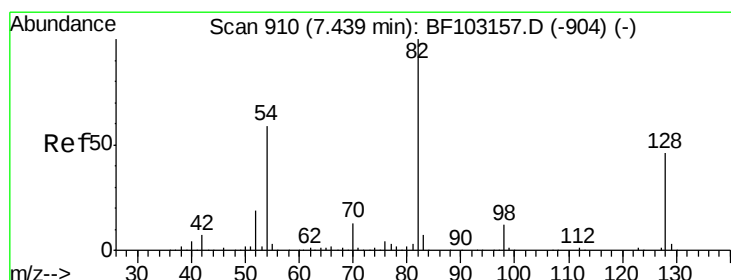
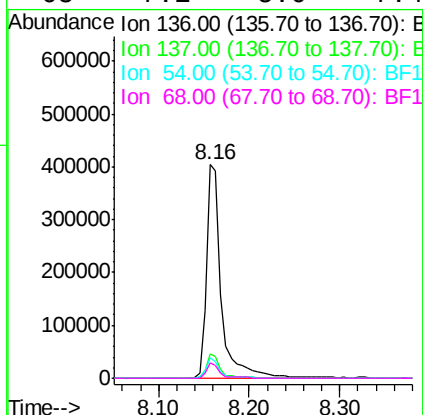
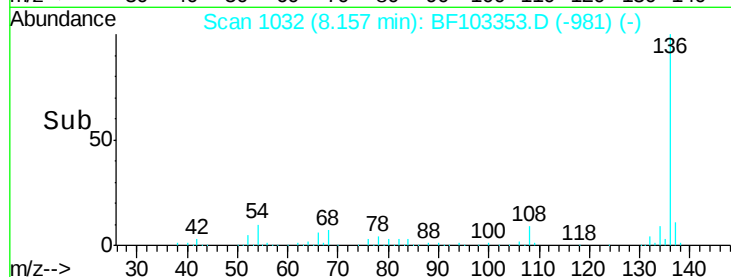
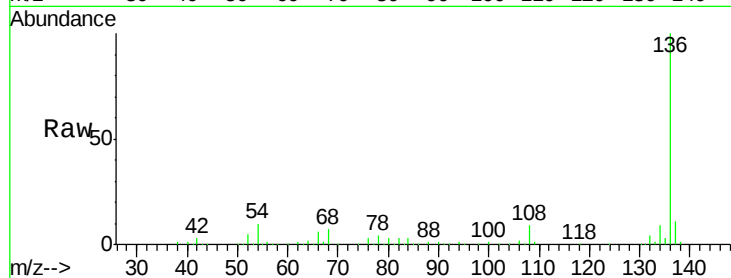




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103353.D
Acq: 1 Mar 2018 23:31

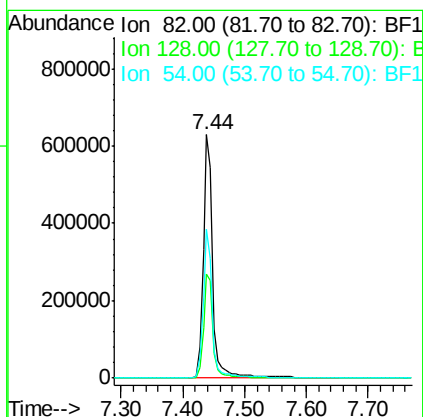
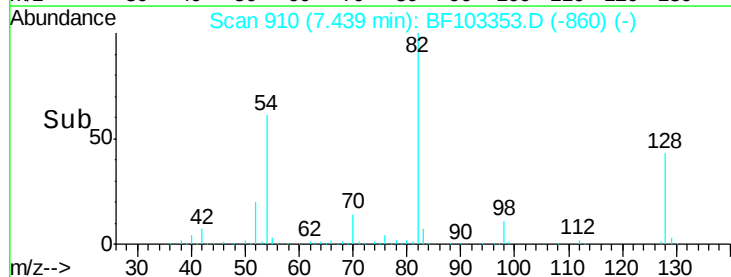
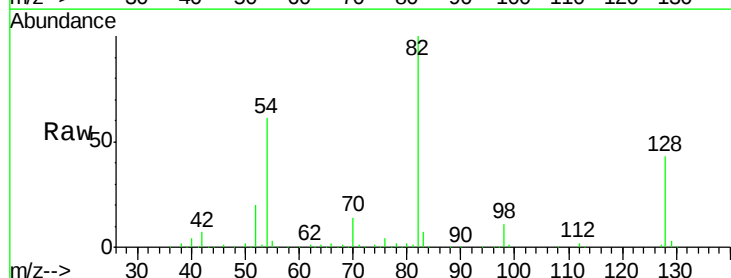
Instrument :
BNA_F
ClientSampleId :

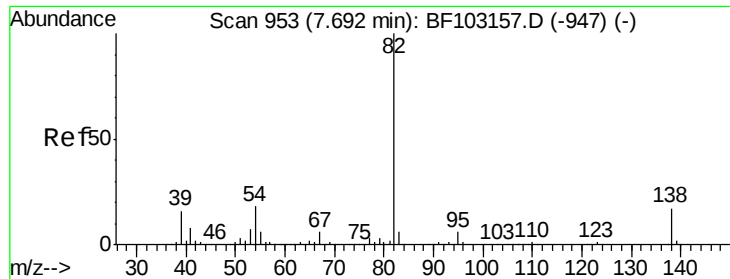
Tot Ion:136	Resp:	473621
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	9.7	6.6 9.8
68	7.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 82.904 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103353.D
Acq: 1 Mar 2018 23:31

Tgt Ion: 82	Resp:	687554
Ion	Ratio	Lower Upper
82	100	
128	42.9	36.1 54.1
54	61.1	41.4 62.2





#25

Isophorone

Concen: 42.094 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF103353.D

Acq: 1 Mar 2018 23:31

Instrument :

BNA_F

ClientSampled :

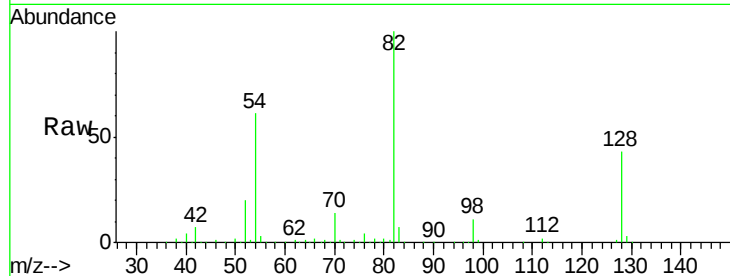
Tot Ion: 82 Resp: 687550

Ion Ratio Lower Upper

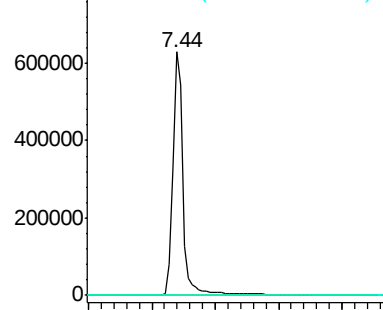
82 100

95 0.0 5.2 7.8#

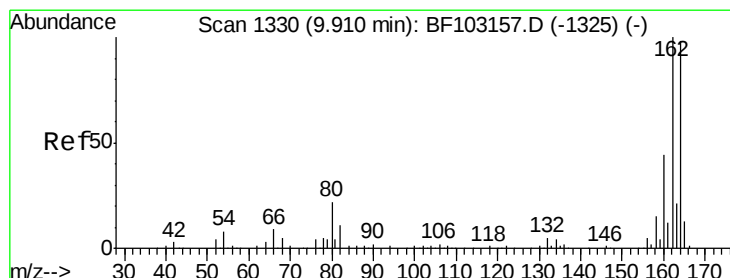
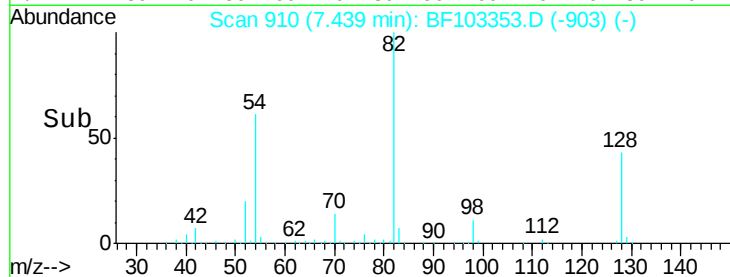
138 0.0 14.9 22.3#



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



Time--> 7.30 7.40 7.50 7.60 7.70



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF103353.D

Acq: 1 Mar 2018 23:31

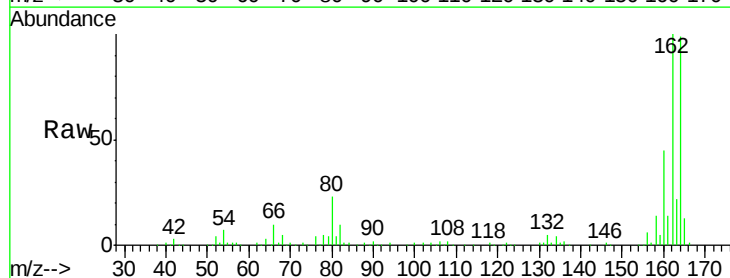
Tgt Ion:164 Resp: 171761

Ion Ratio Lower Upper

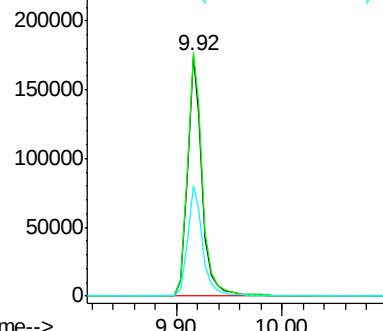
164 100

162 101.3 86.1 129.1

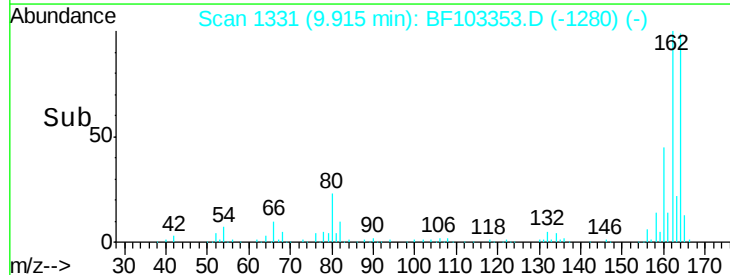
160 45.8 38.3 57.5



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



Time--> 9.90 10.00

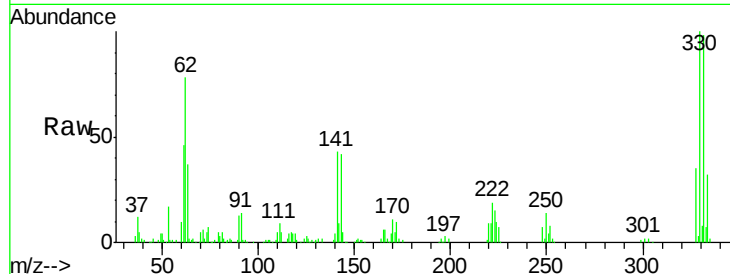




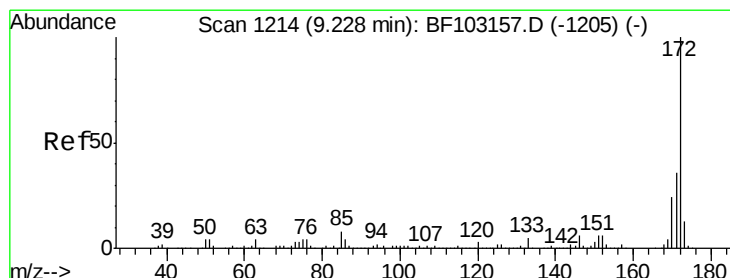
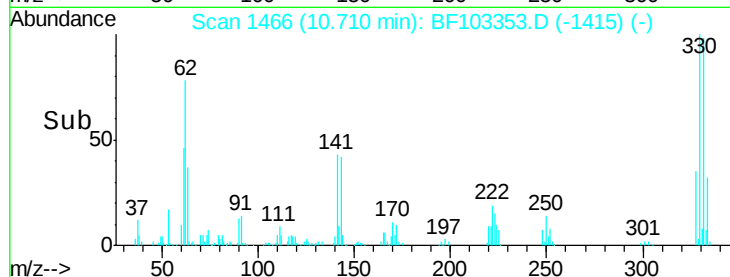
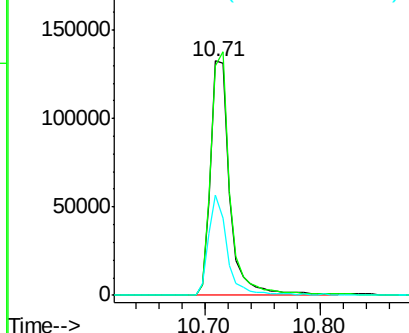
#41
 2,4,6-Tribromophenol
 Concen: 106.572 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103353.D
 Acq: 1 Mar 2018 23:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 154941
 Ion Ratio Lower Upper
 330 100
 332 103.2 77.0 115.6
 141 41.1 29.9 44.9

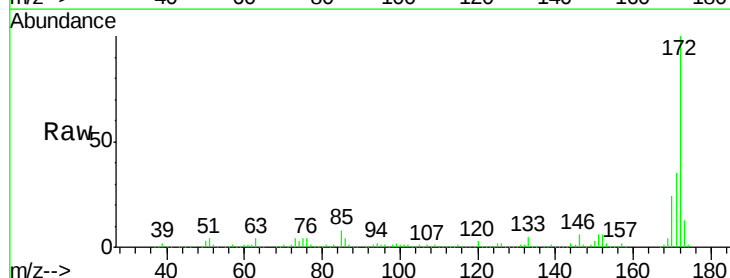


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

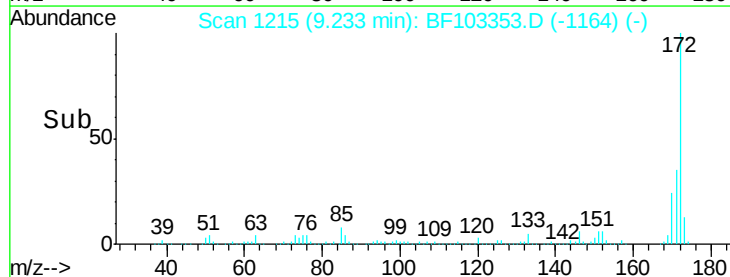
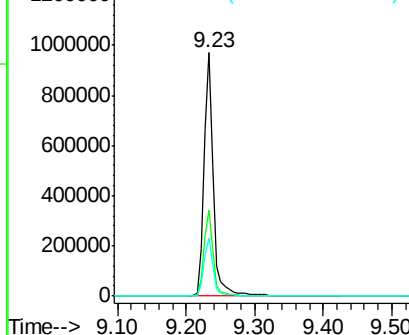


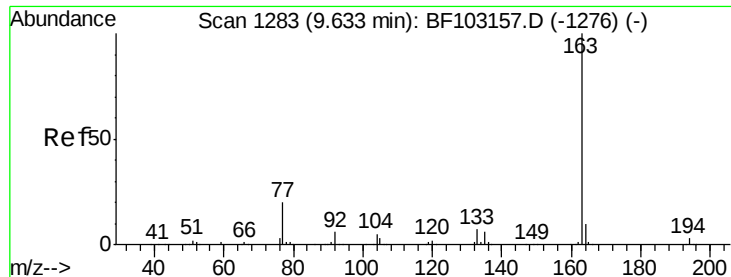
#44
 2-Fluorobiphenyl
 Concen: 100.312 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103353.D
 Acq: 1 Mar 2018 23:31

Tgt Ion:172 Resp: 958659
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.6 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

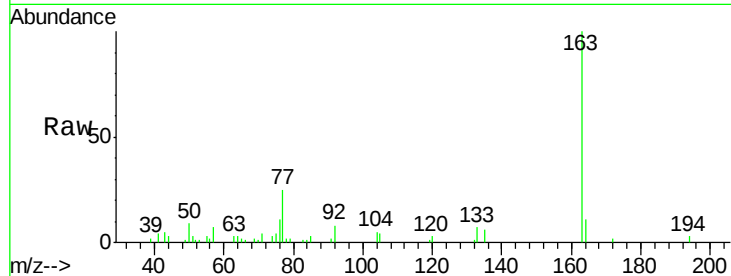




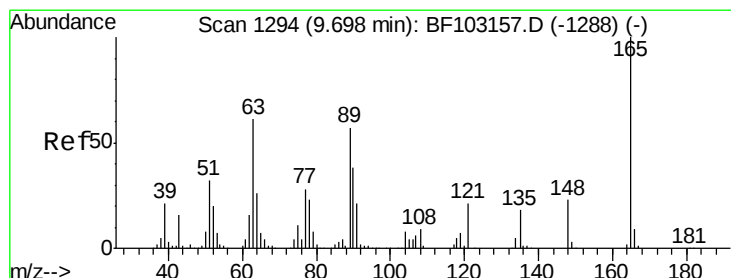
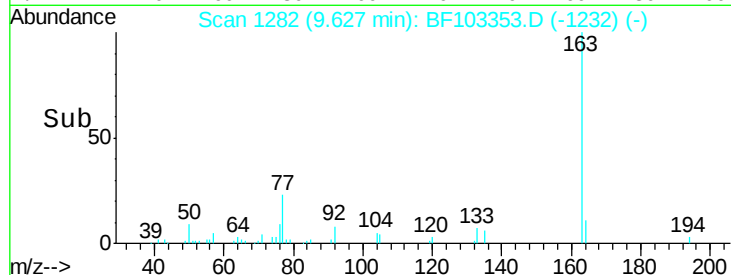
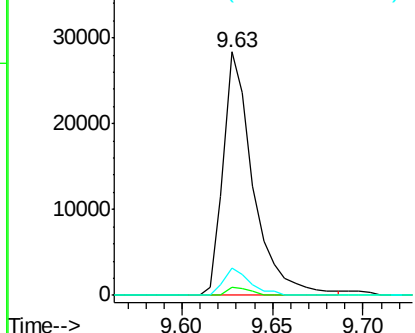
#49
Dimethylphthalate
Concen: 2.379 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103353.D
Acq: 1 Mar 2018 23:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 32785
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 11.1 8.2 12.2

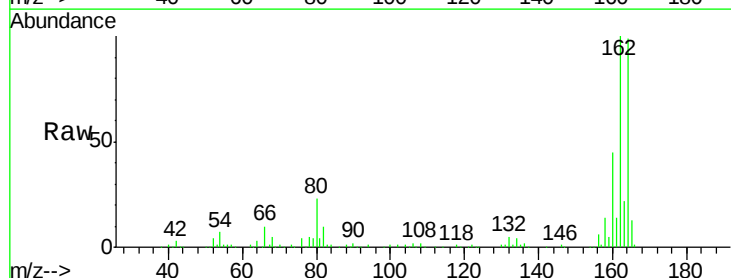


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

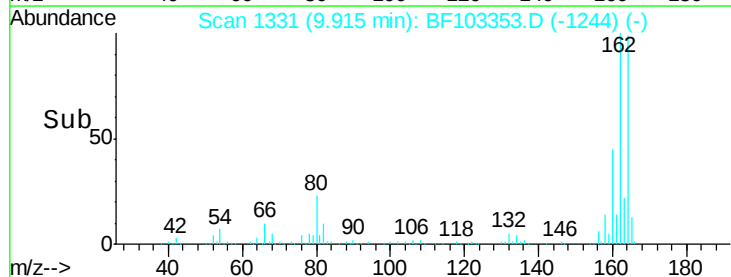
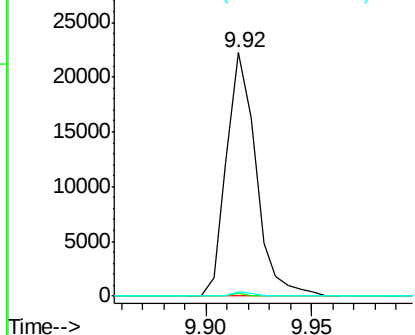


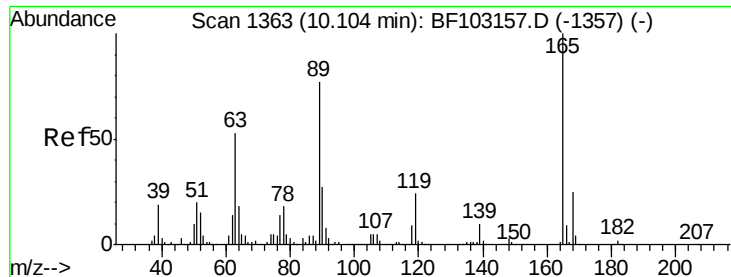
#50
2,6-Dinitrotoluene
Concen: 7.454 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103353.D
Acq: 1 Mar 2018 23:31

Tgt Ion:165 Resp: 21553
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.6 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

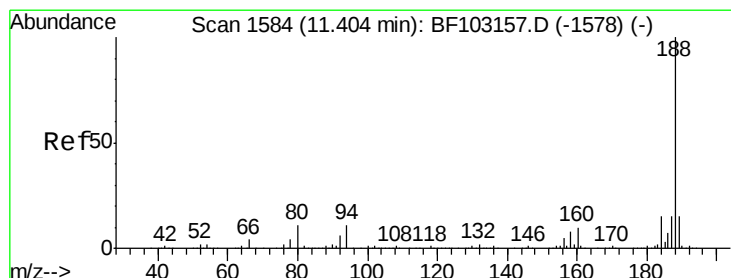
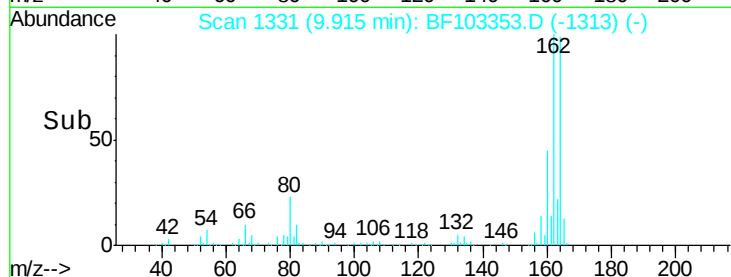
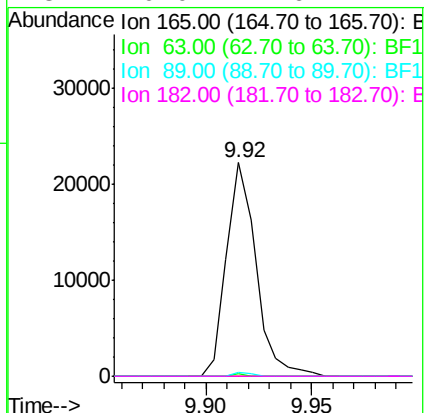
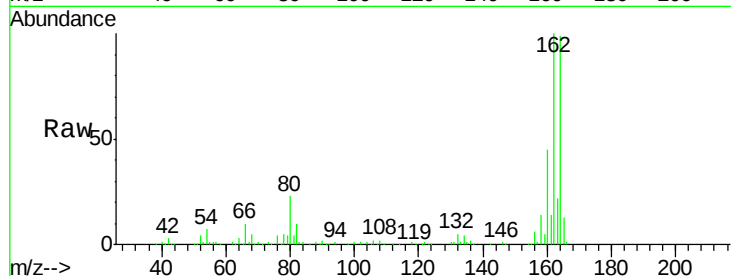




#56
 2,4-Dinitrotoluene
 Concen: 5.894 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF103353.D
 Acq: 1 Mar 2018 23:31

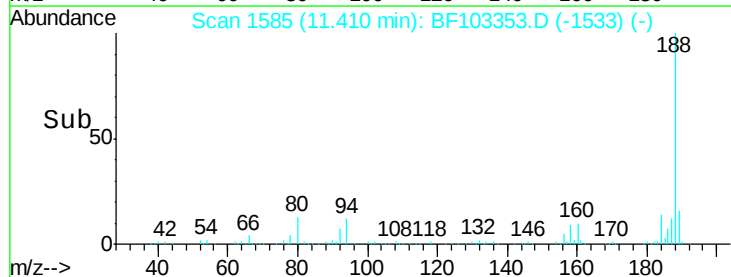
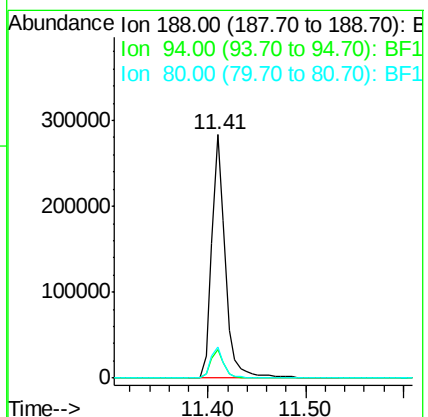
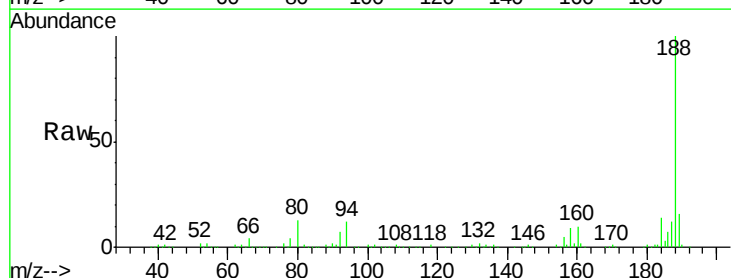
Instrument :
 BNA_F
 ClientSampleId :

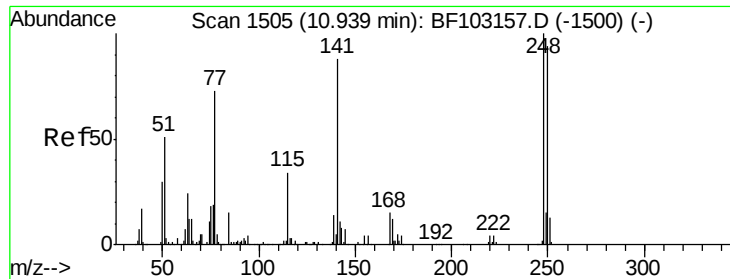
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF103353.D
 Acq: 1 Mar 2018 23:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	12.8	9.2	13.8

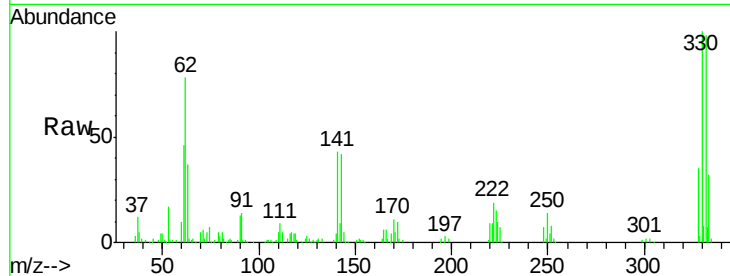




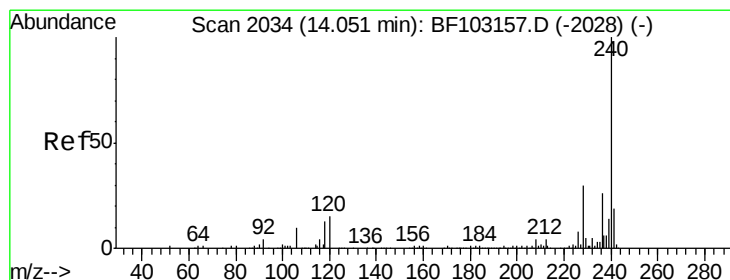
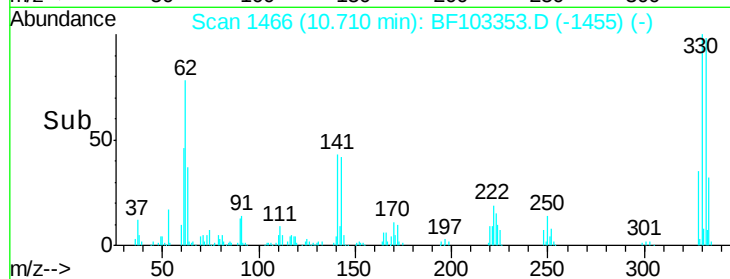
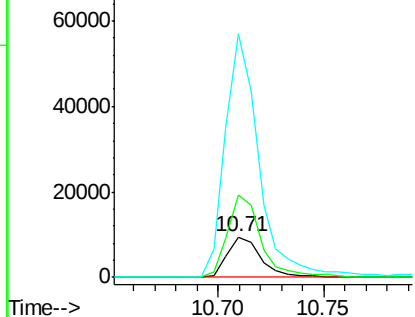
#66
4-Bromophenyl-phenylether
Concen: 3.640 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103353.D
Acq: 1 Mar 2018 23:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10351
Ion Ratio Lower Upper
248 100
250 201.5 76.9 115.3#
141 599.4 74.4 111.6#

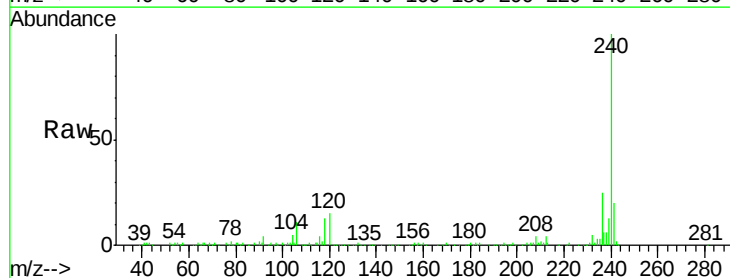


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

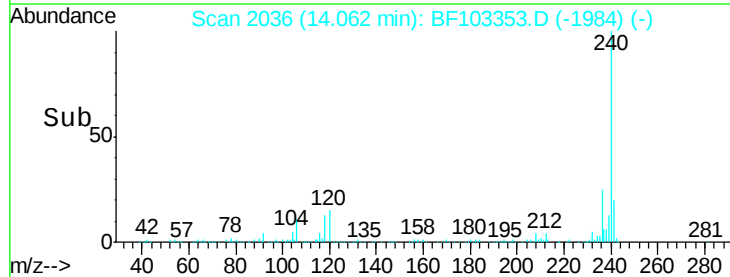
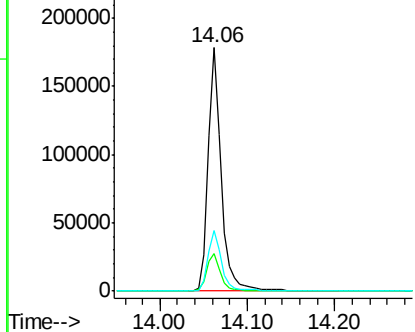


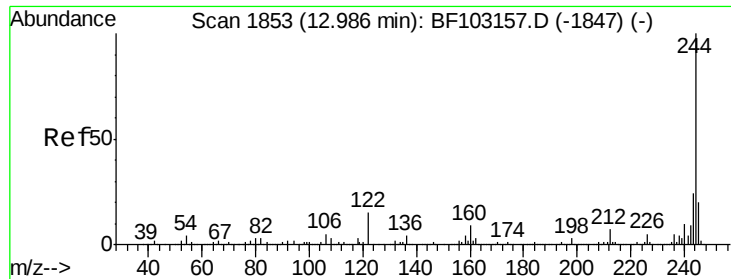
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF103353.D
Acq: 1 Mar 2018 23:31

Tgt Ion:240 Resp: 187538
Ion Ratio Lower Upper
240 100
120 15.5 9.5 14.3#
236 25.0 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: 99.270 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103353.D

Acq: 1 Mar 2018 23:31

Instrument :

BNA_F

ClientSampleId :

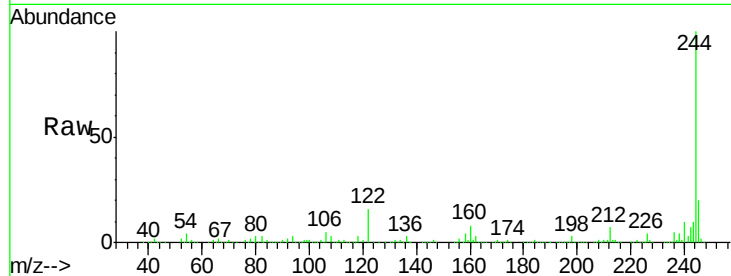
Tot Ion:244 Resp: 774457

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

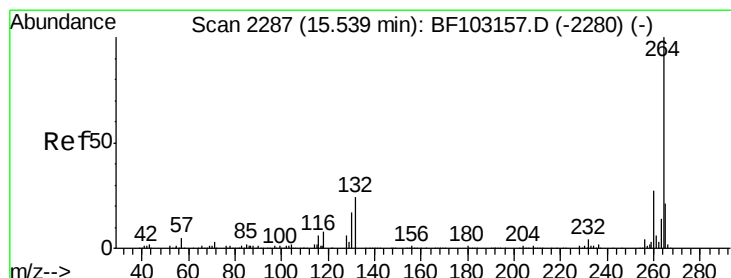
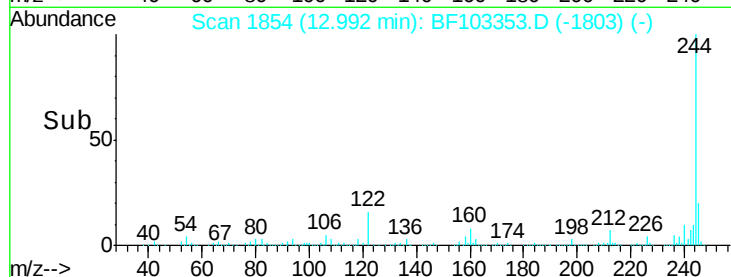
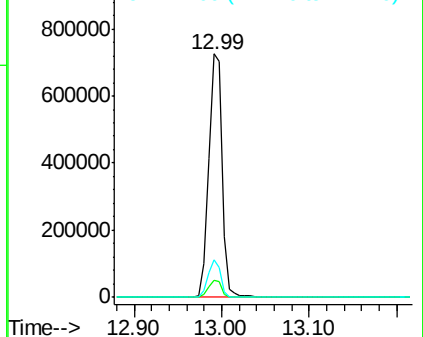
122 15.6 11.0 16.4



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. 0.01 min

Lab File: BF103353.D

Acq: 1 Mar 2018 23:31

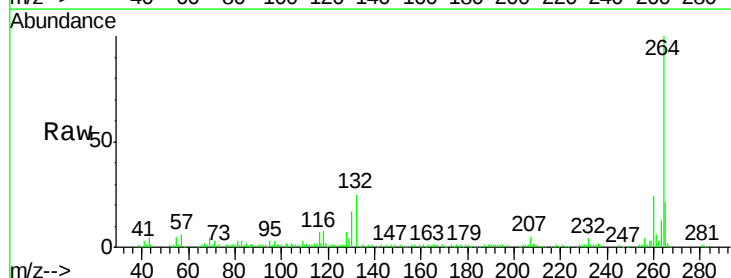
Tgt Ion:264 Resp: 133475

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.5 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

