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 Data File : BF103567.D
 Acq On : 9 Mar 2018 19:47
 Operator : SJ/JU
 Sample : J1821-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 22:02:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

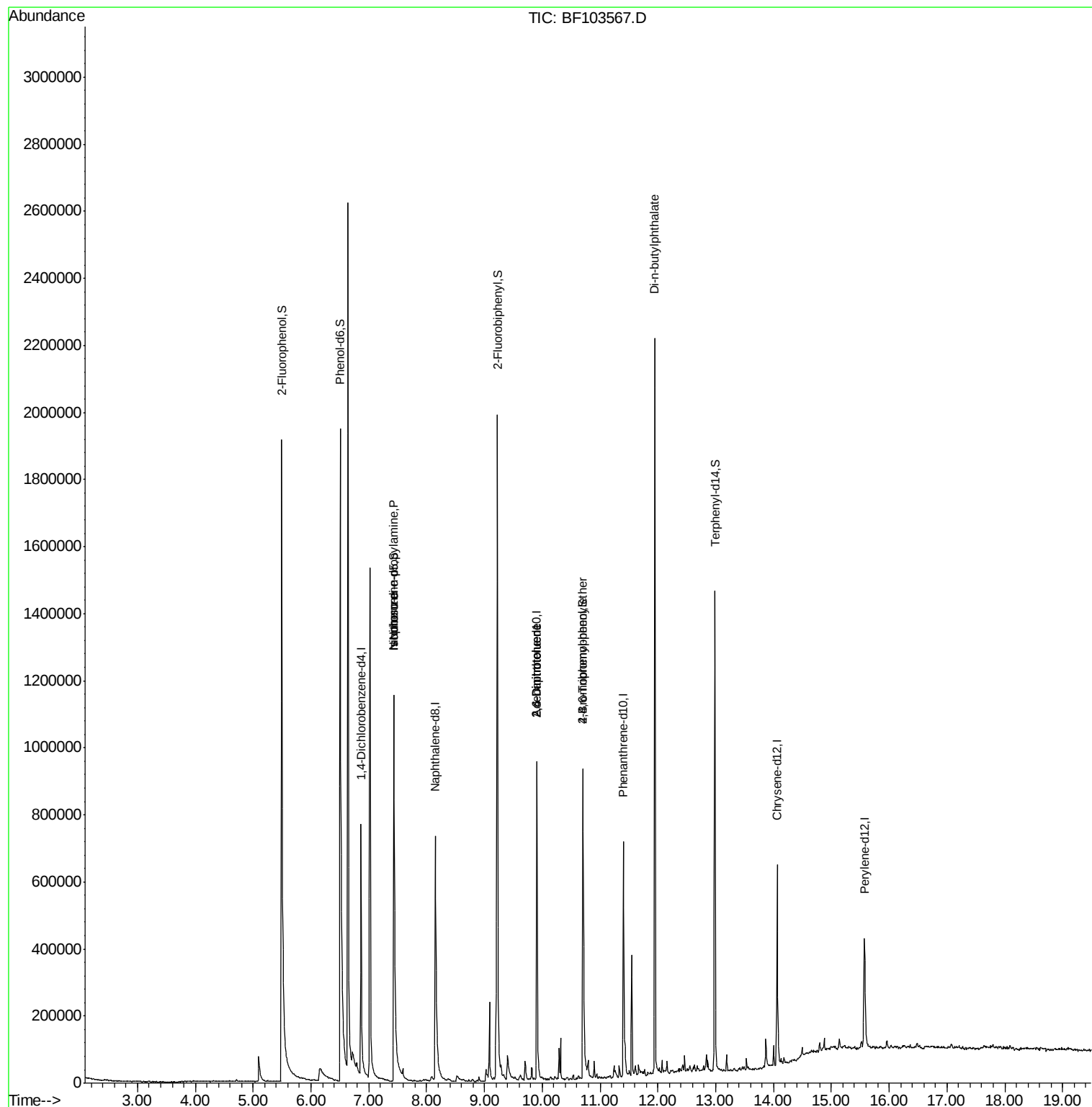
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	135451	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	589754	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	232205	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	330034	20.00	ng	0.00
75) Chrysene-d12	14.06	240	235957	20.00	ng	0.00
86) Perylene-d12	15.57	264	196673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	857153	95.71	ng	0.00
7) Phenol-d6	6.50	99	1031968	94.17	ng	0.00
23) Nitrobenzene-d5	7.43	82	621826	60.21	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	116295	59.17	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	744075	49.75	ng	0.00
78) Terphenyl-d14	12.99	244	495898	50.52	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1560	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	79197	11.612 ng	#	1
25) Isophorone	7.43	82	621823	30.573 ng	#	88
50) 2,6-Dinitrotoluene	9.90	165	29054	7.432 ng	#	64
56) 2,4-Dinitrotoluene	9.90	165	29054	5.877 ng	#	25
66) 4-Bromophenyl-phenylether	10.70	248	8863	2.578 ng	#	23
73) Di-n-butylphthalate	11.95	149	1190472	51.296 ng	#	1
						99

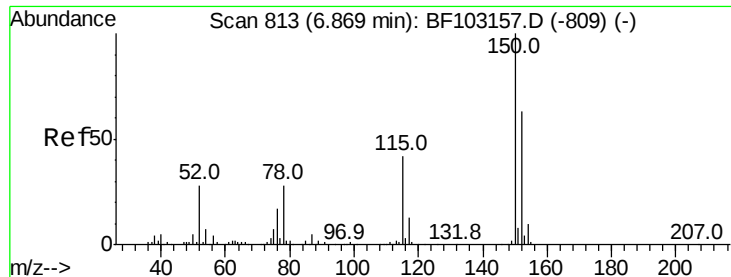
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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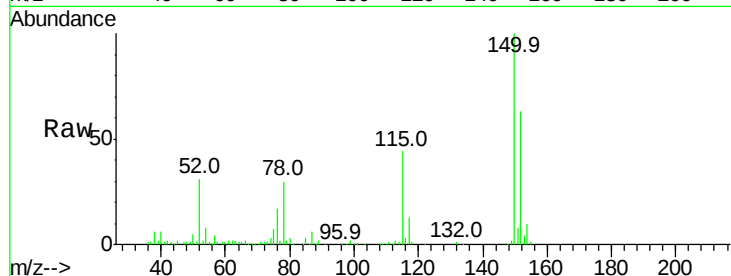


#1

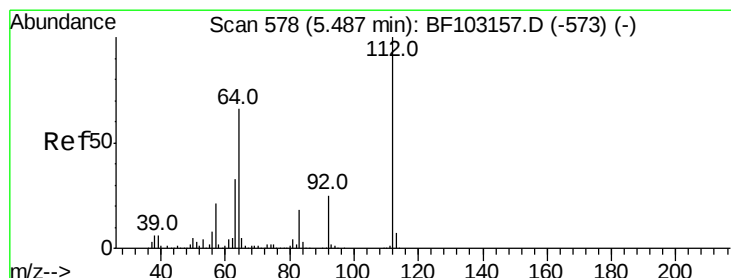
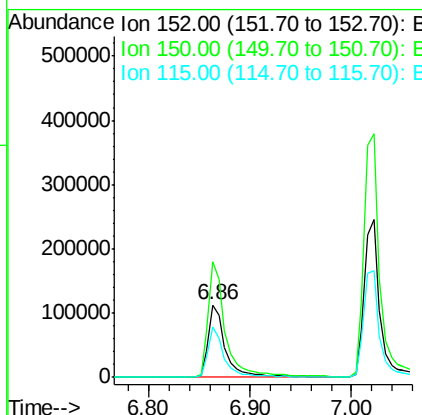
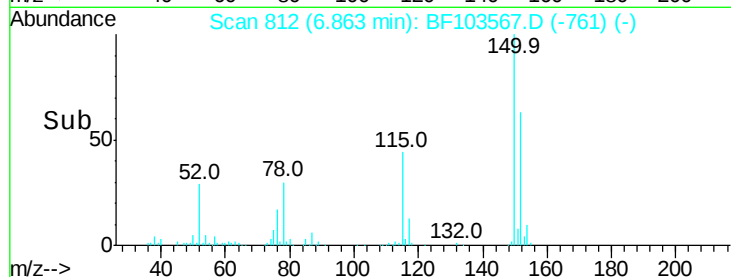
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103567.D
Acq: 9 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135451
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 69.7 50.1 75.1



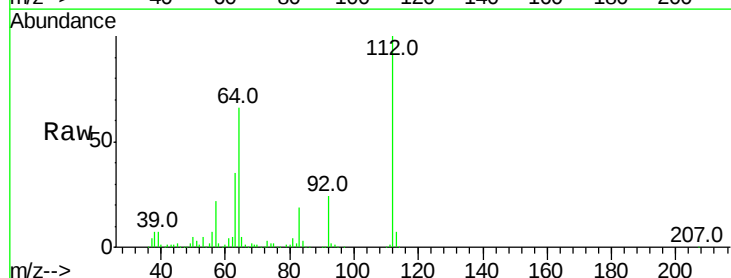
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



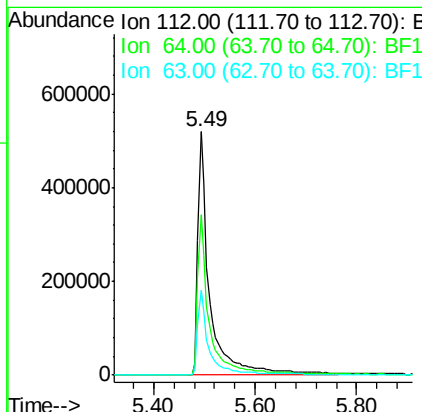
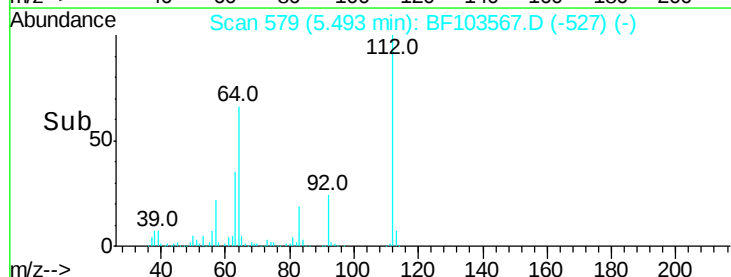
#5

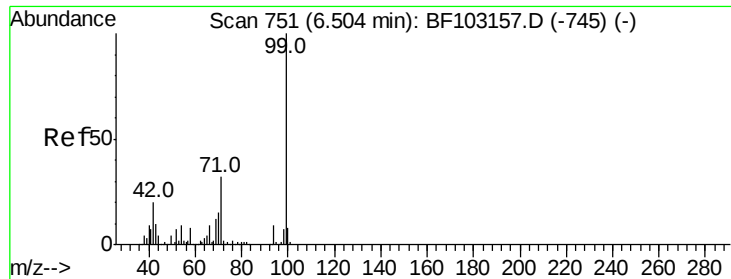
2-Fluorophenol
Concen: 95.709 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103567.D
Acq: 9 Mar 2018 19:47

Tgt Ion:112 Resp: 857153
Ion Ratio Lower Upper
112 100
64 66.0 47.9 71.9
63 35.0 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: 94.168 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103567.D

Acq: 9 Mar 2018 19:47

Instrument :

BNA_F

ClientSampleId :

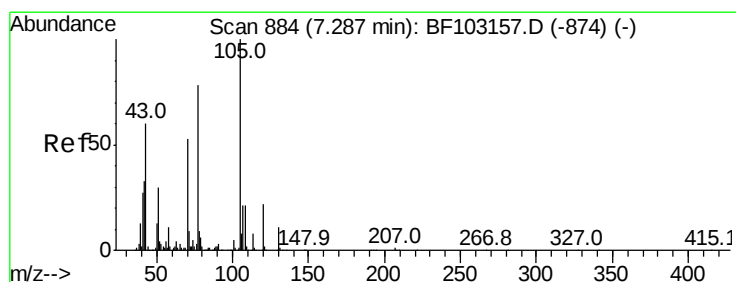
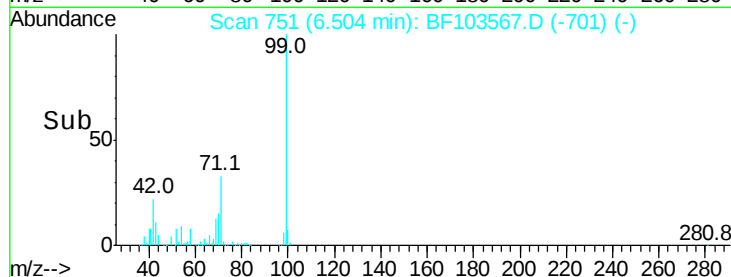
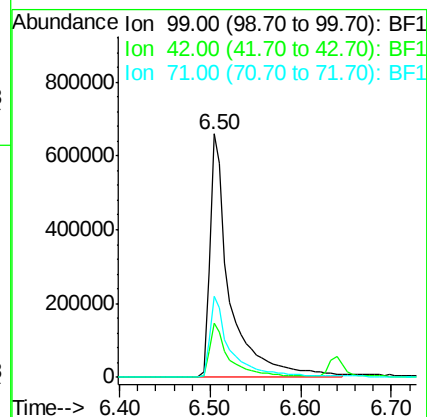
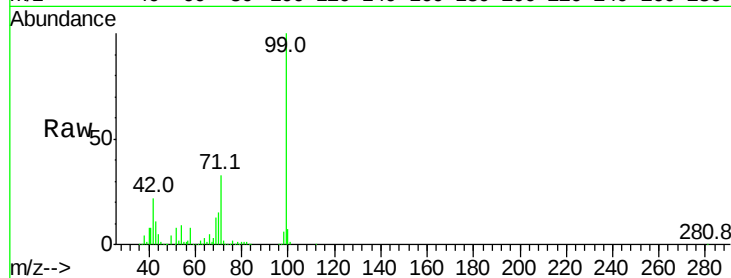
Tot Ion: 99 Resp: 1031968

Ion Ratio Lower Upper

99 100

42 22.1 14.5 21.7#

71 33.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.612 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF103567.D

Acq: 9 Mar 2018 19:47

Tgt Ion: 70 Resp: 79197

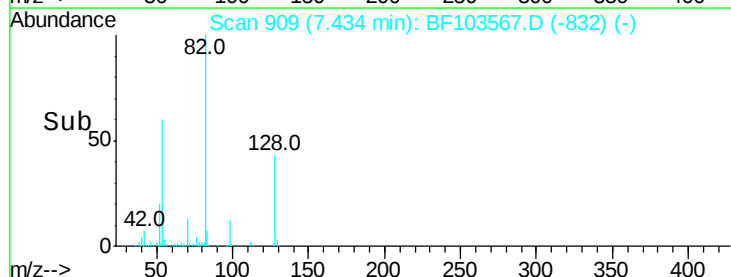
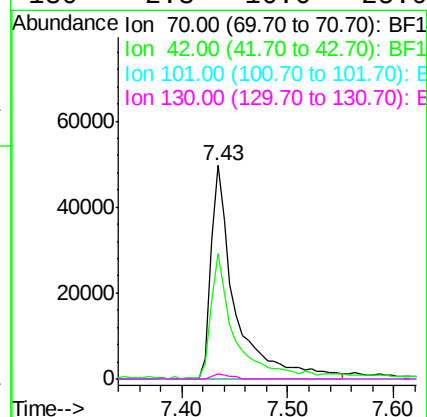
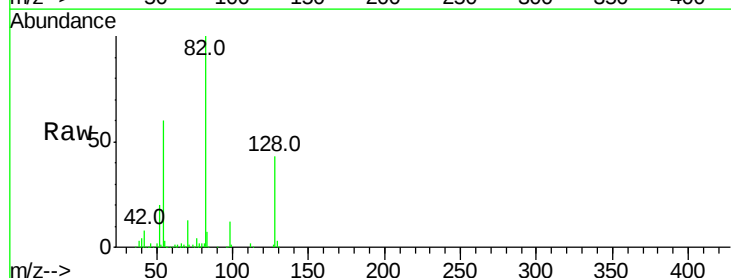
Ion Ratio Lower Upper

70 100

42 58.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

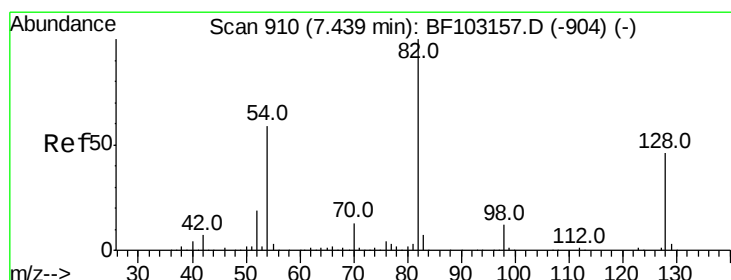
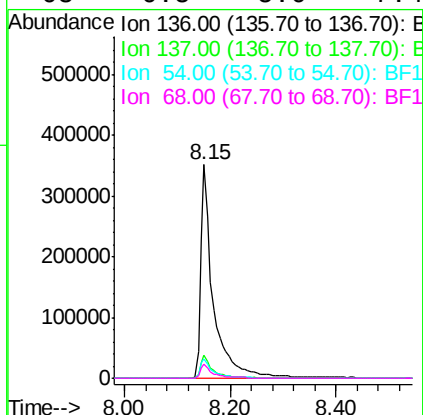
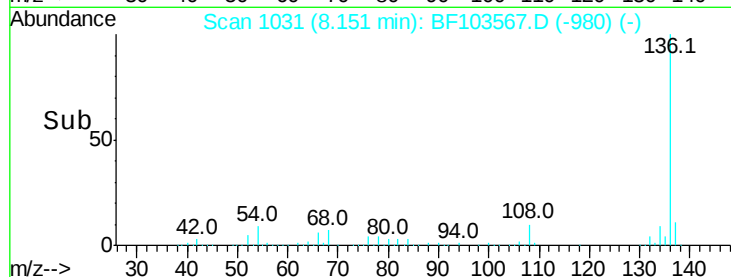
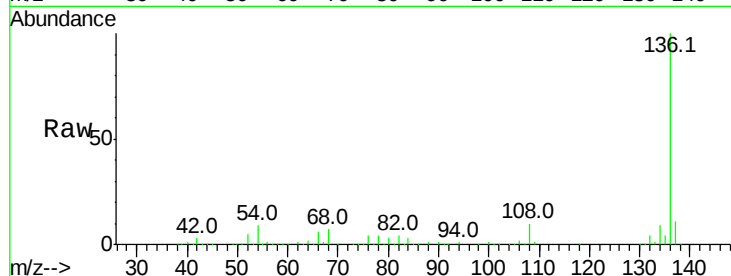




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103567.D
Acq: 9 Mar 2018 19:47

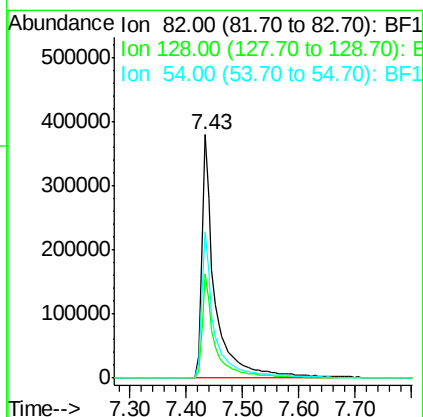
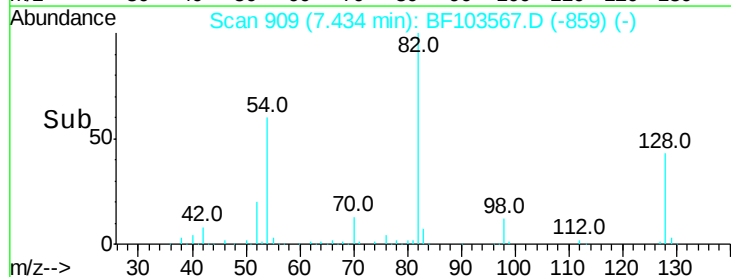
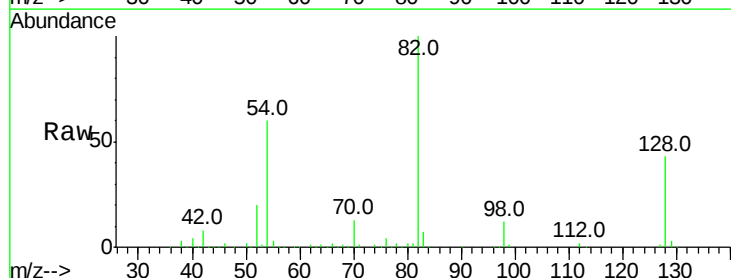
Instrument :
BNA_F
ClientSampleId :

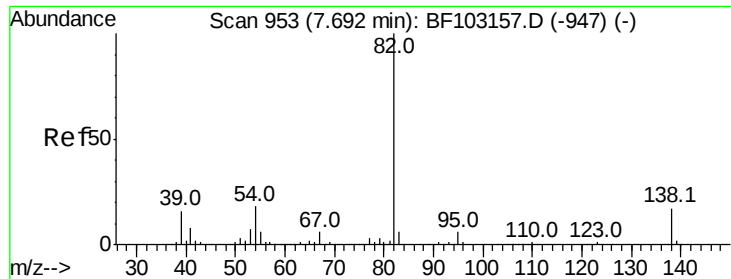
Tot Ion:	136	Resp:	589754
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.3	6.6	9.8
68	6.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 60.214 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103567.D
Acq: 9 Mar 2018 19:47

Tgt Ion:	82	Resp:	621826
Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	60.0	41.4	62.2





#25

Isophorone

Concen: 30.573 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF103567.D

Acq: 9 Mar 2018 19:47

Instrument :

BNA_F

ClientSampleId :

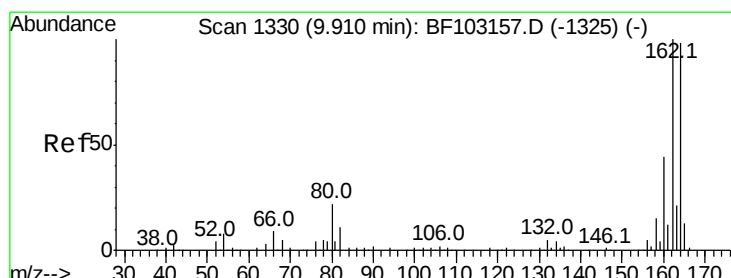
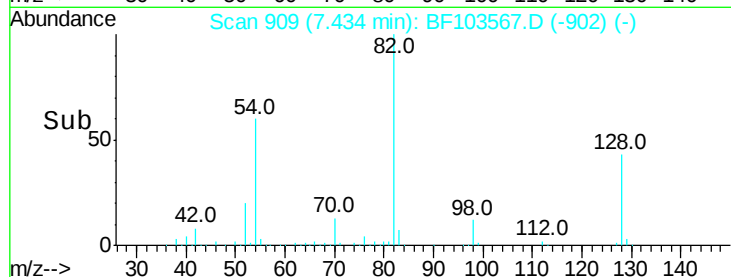
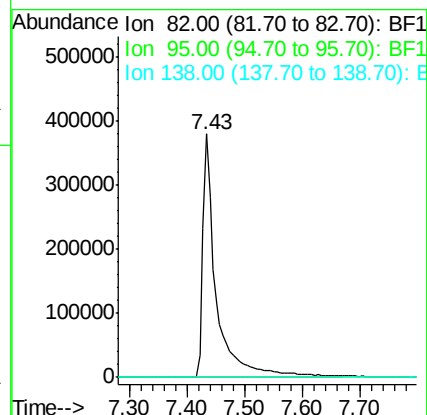
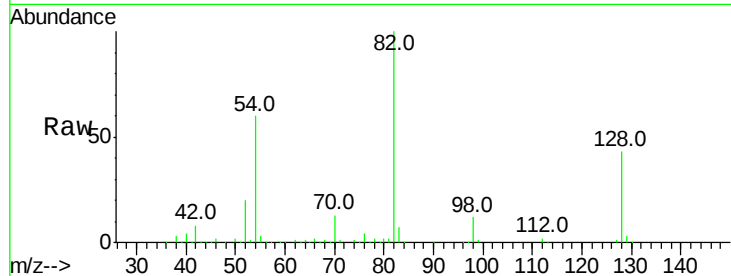
Tot Ion: 82 Resp: 621823

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF103567.D

Acq: 9 Mar 2018 19:47

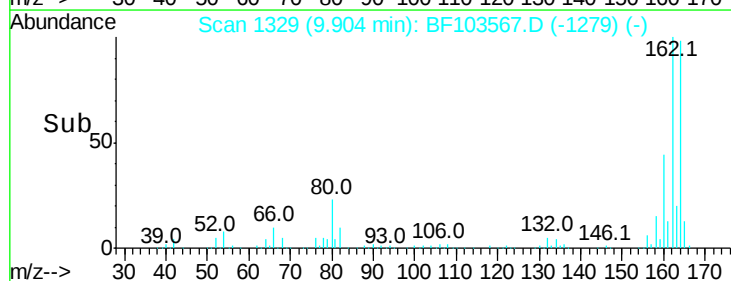
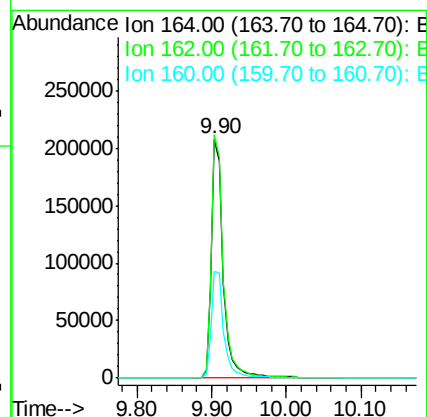
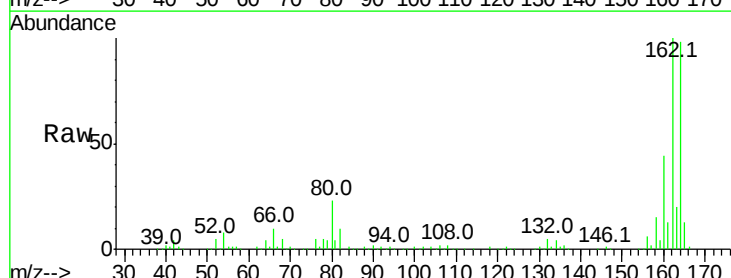
Tgt Ion: 164 Resp: 232205

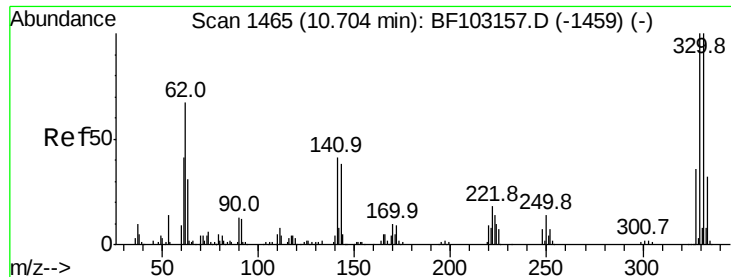
Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

160 44.8 38.3 57.5

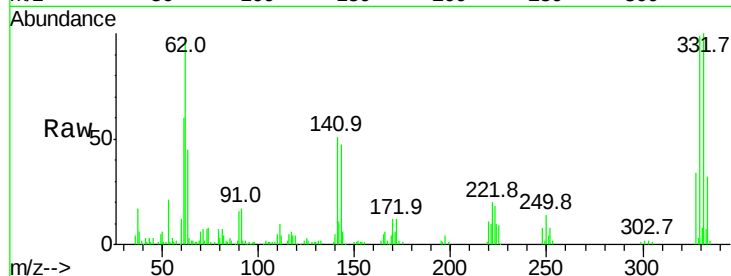




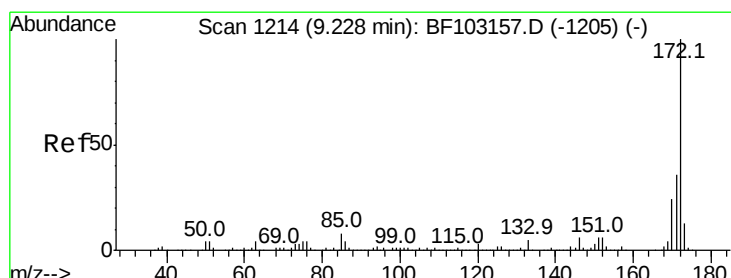
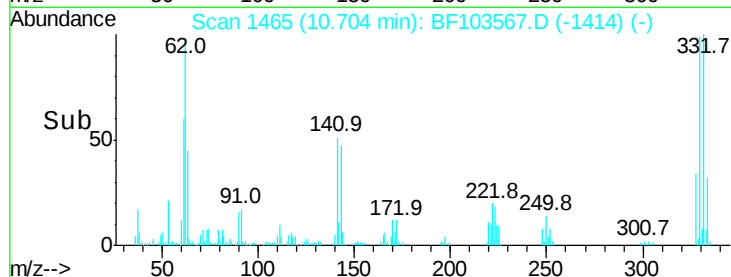
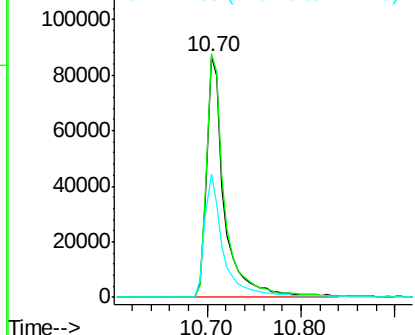
#41
 2,4,6-Tribromophenol
 Concen: 59.169 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103567.D
 Acq: 9 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 116295
 Ion Ratio Lower Upper
 330 100
 332 103.3 77.0 115.6
 141 53.9 29.9 44.9#

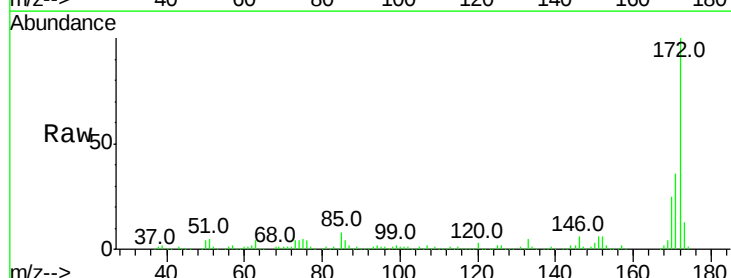


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

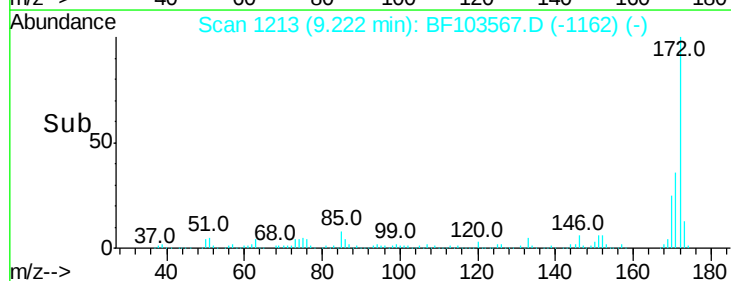
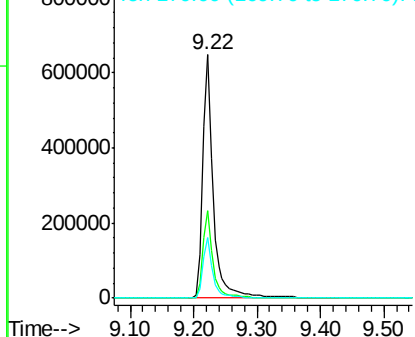


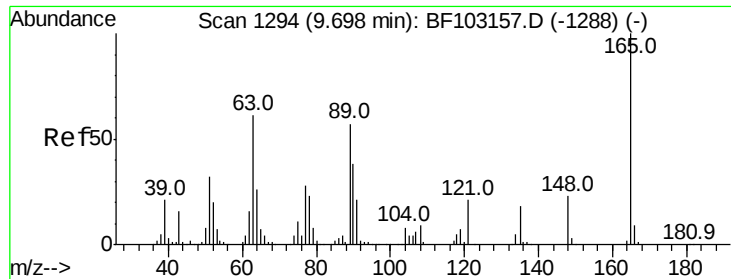
#44
 2-Fluorobiphenyl
 Concen: 49.754 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103567.D
 Acq: 9 Mar 2018 19:47

Tgt Ion:172 Resp: 744075
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 25.0 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

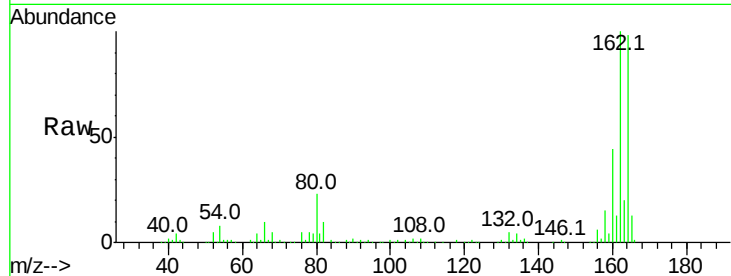




#50
 2,6-Dinitrotoluene
 Concen: 7.432 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.20 min
 Lab File: BF103567.D
 Acq: 9 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :

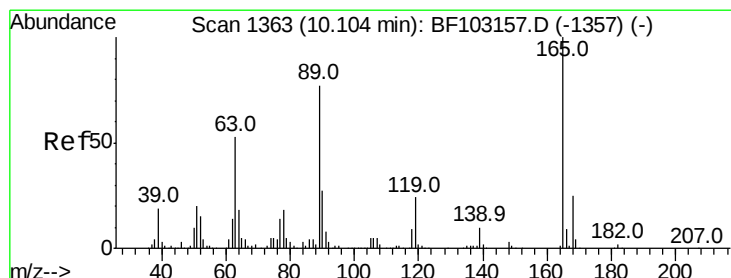
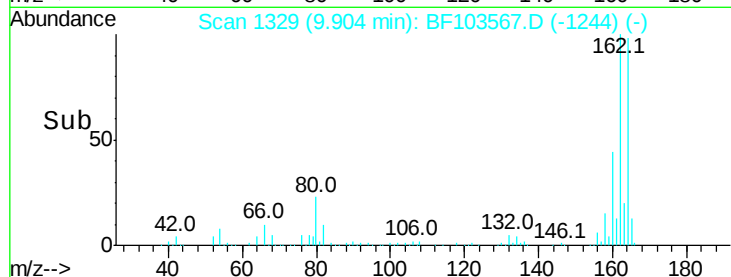
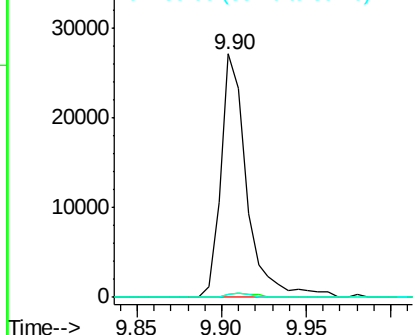
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.2	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

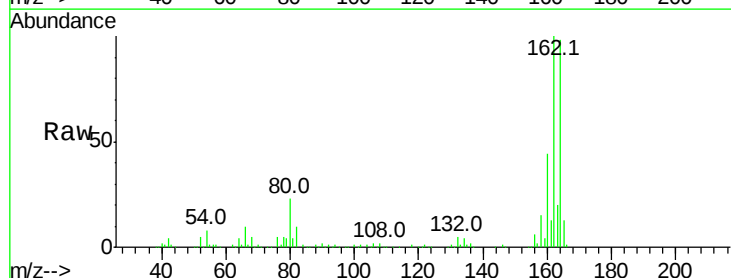
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 5.877 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF103567.D
 Acq: 9 Mar 2018 19:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

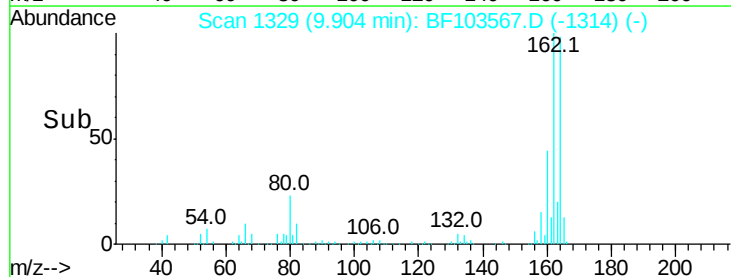
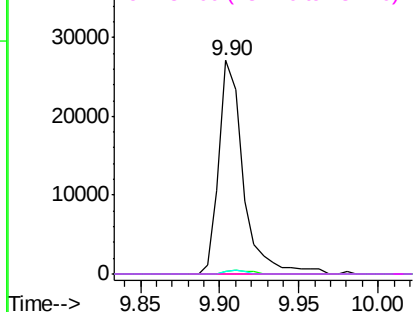


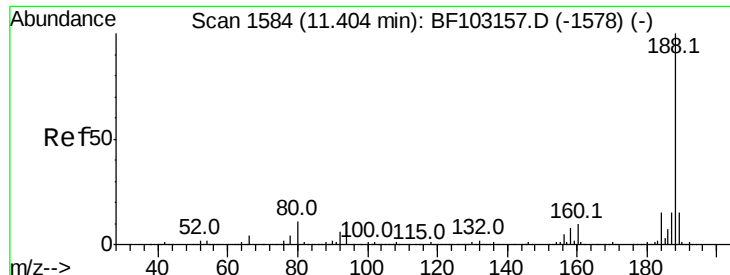
Abundance Ion 165.00 (164.70 to 165.70): E

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

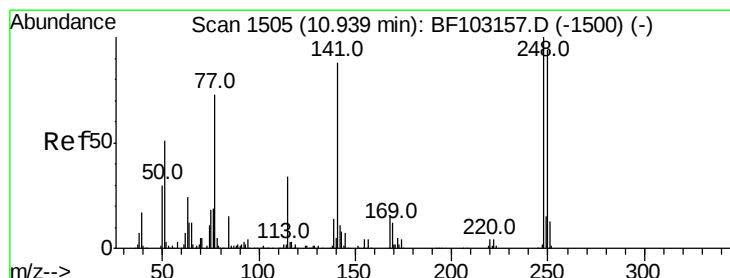
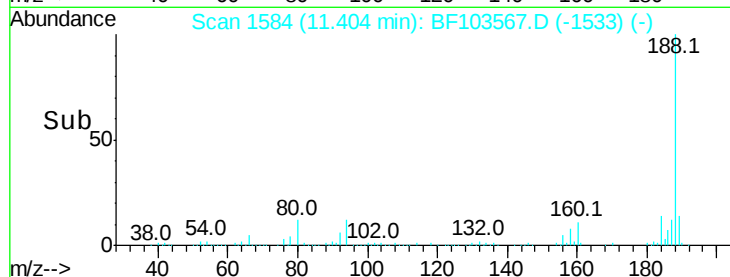
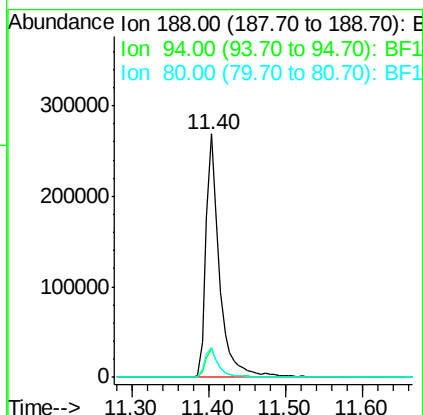
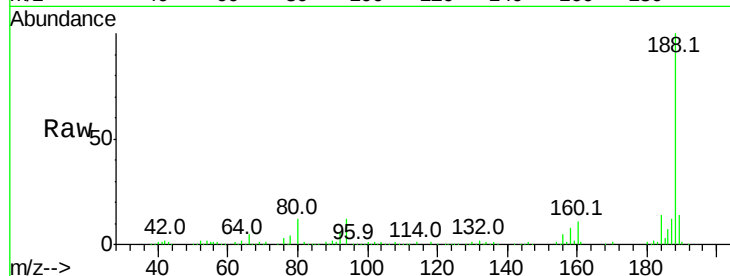




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103567.D
Acq: 9 Mar 2018 19:47

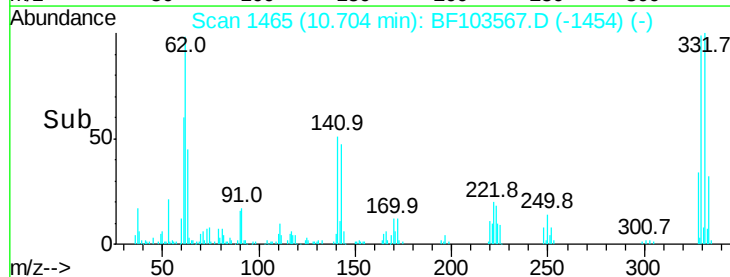
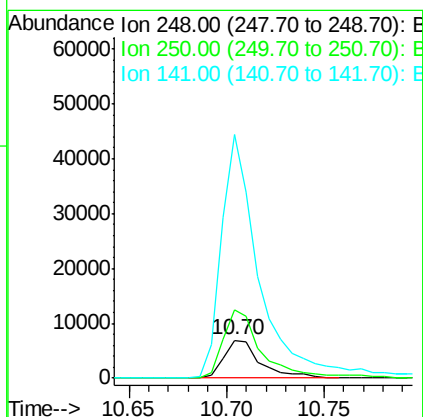
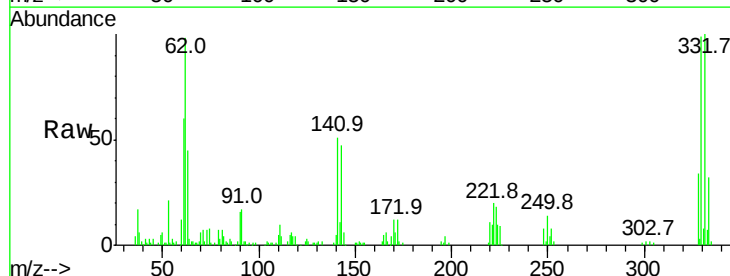
Instrument :
BNA_F
ClientSampleId :

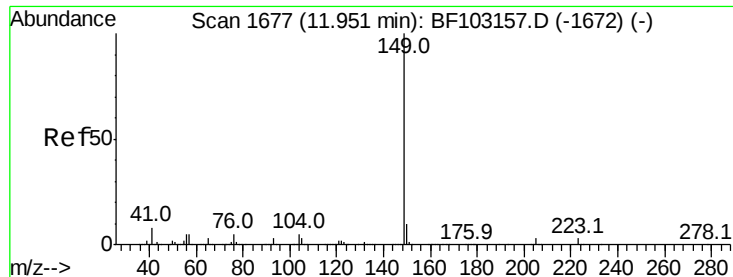
Tot Ion:188 Resp: 330034
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.5 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.578 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103567.D
Acq: 9 Mar 2018 19:47

Tgt Ion:248 Resp: 8863
Ion Ratio Lower Upper
248 100
250 182.0 76.9 115.3#
141 647.4 74.4 111.6#





#73

Di-n-butylphthalate

Concen: 51.296 ng

RT: 11.95 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BF103567.D

Acq: 9 Mar 2018 19:47

Instrument :

BNA_F

ClientSampleId :

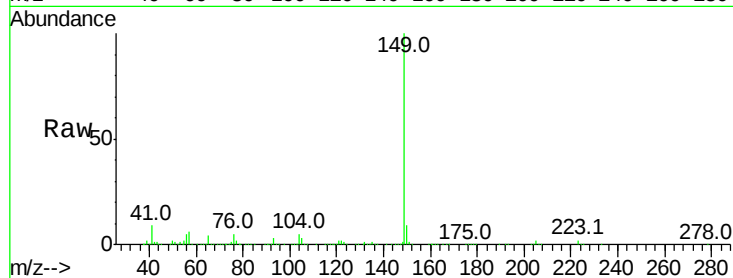
Tot Ion:149 Resp: 1190472

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

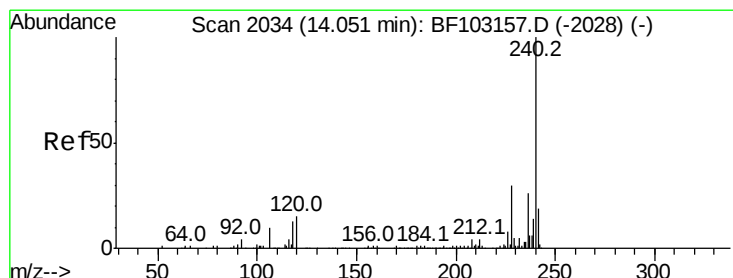
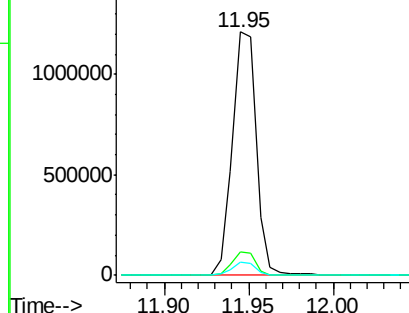
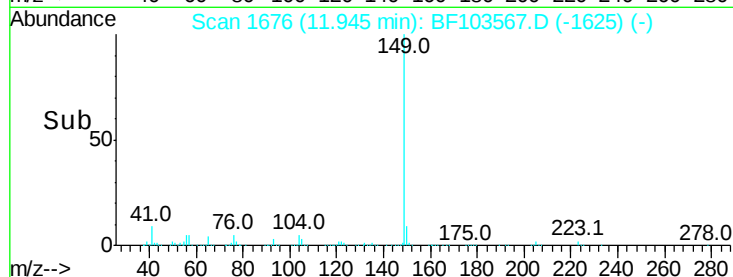
104 5.4 3.8 5.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF103567.D

Acq: 9 Mar 2018 19:47

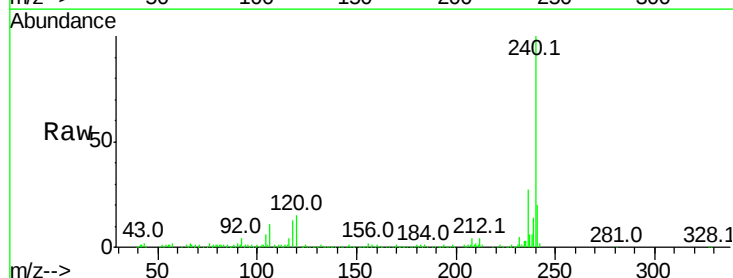
Tgt Ion:240 Resp: 235957

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

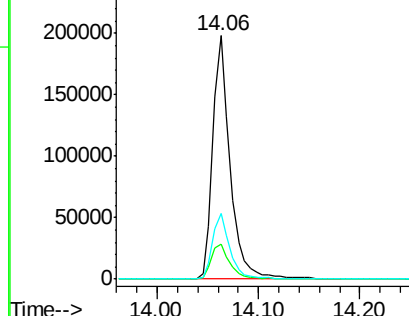
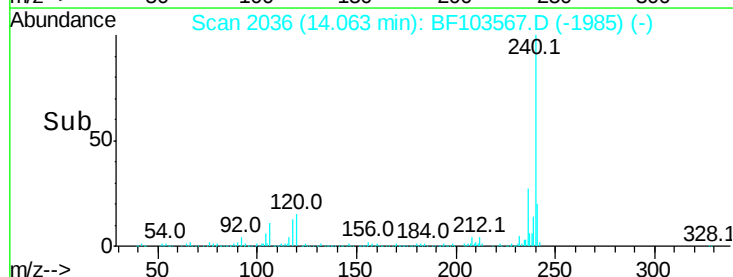
236 26.9 20.7 31.1

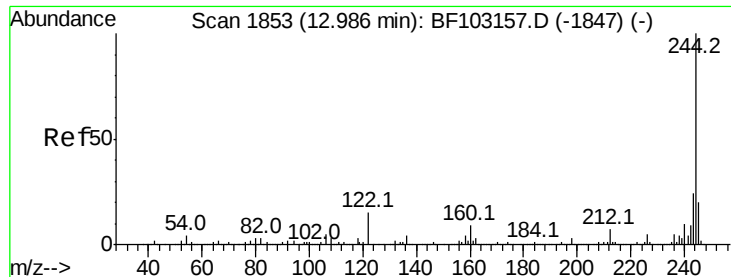


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 50.521 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103567.D

Acq: 9 Mar 2018 19:47

Instrument :

BNA_F

ClientSampleId :

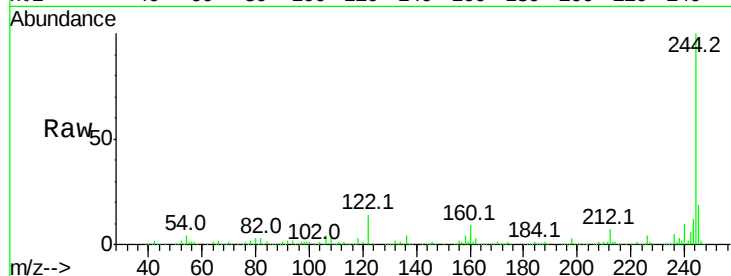
Tot Ion:244 Resp: 495898

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

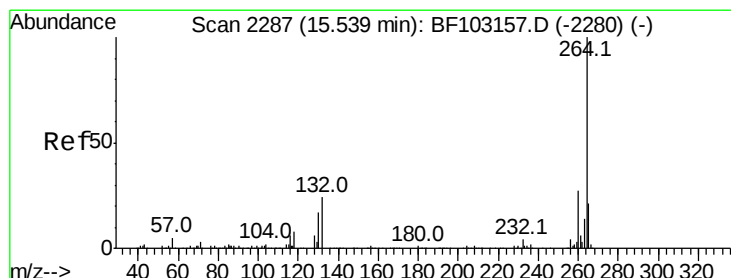
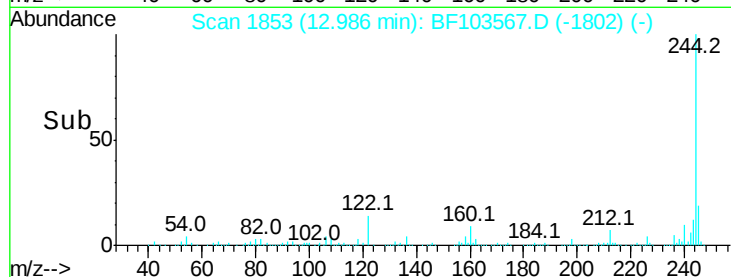
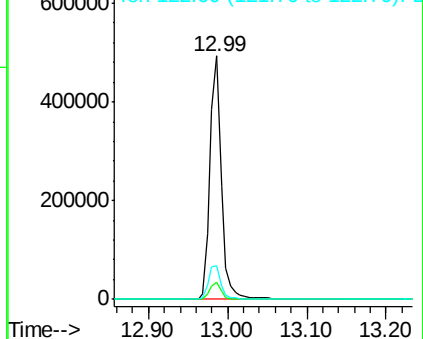
122 13.9 11.0 16.4



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# 2293

Delta R.T. 0.01 min

Lab File: BF103567.D

Acq: 9 Mar 2018 19:47

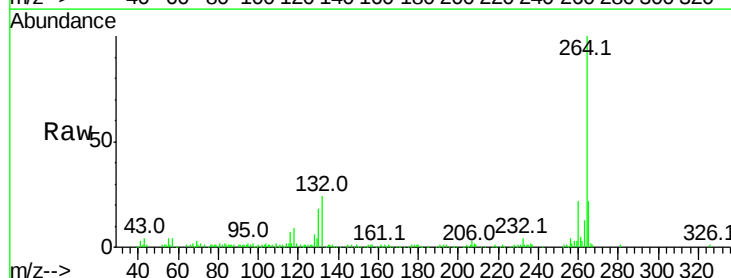
Tgt Ion:264 Resp: 196673

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.9 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

