

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103533.D
 Acq On : 8 Mar 2018 22:41
 Operator : SJ/JU
 Sample : J1826-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 23:55:26 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

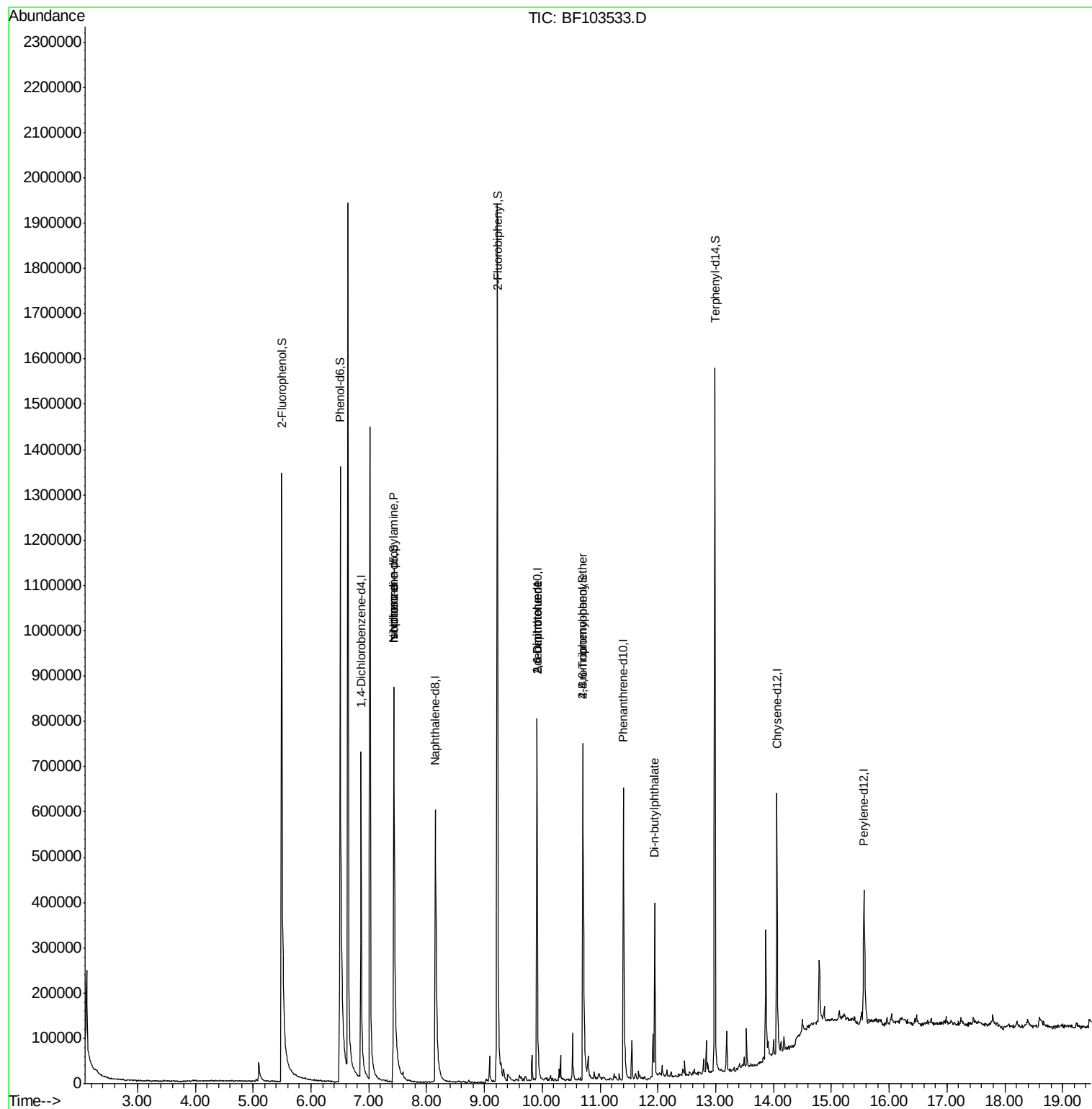
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	134670	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	521963	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	199732	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	300327	20.00	ng	0.00
75) Chrysene-d12	14.06	240	221906	20.00	ng	0.00
86) Perylene-d12	15.57	264	166786	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	635184	71.34	ng	0.00
7) Phenol-d6	6.50	99	816567	74.94	ng	0.00
23) Nitrobenzene-d5	7.43	82	496517	54.32	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	94934	56.15	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	742596	59.52	ng	0.00
78) Terphenyl-d14	12.99	244	516460	55.95	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	820	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	61903	9.129 ng	#	85
25) Isophorone	7.43	82	496517	27.583 ng	#	64
50) 2,6-Dinitrotoluene	9.91	165	25653	7.629 ng	#	25
56) 2,4-Dinitrotoluene	9.91	165	25653	6.032 ng	#	22
66) 4-Bromophenyl-phenylether	10.70	248	6621	2.116 ng	#	1
73) Di-n-butylphthalate	11.95	149	178405	8.448 ng		99

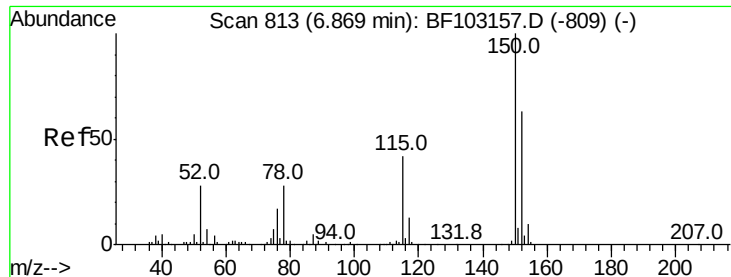
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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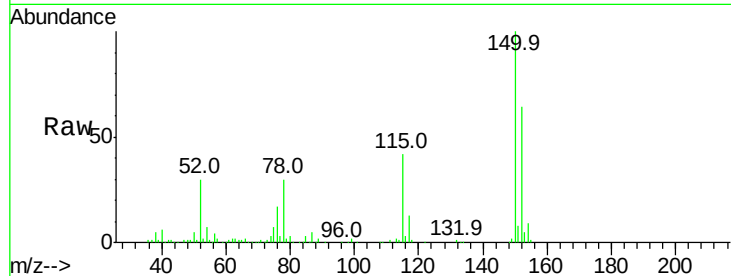


#1

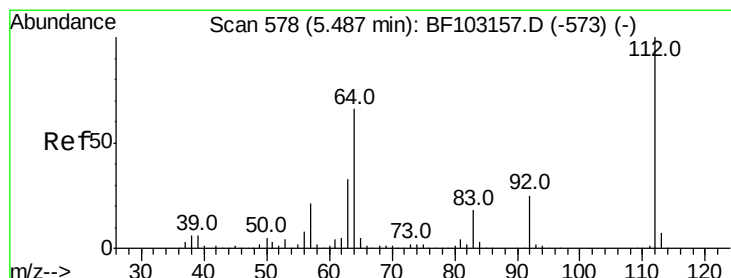
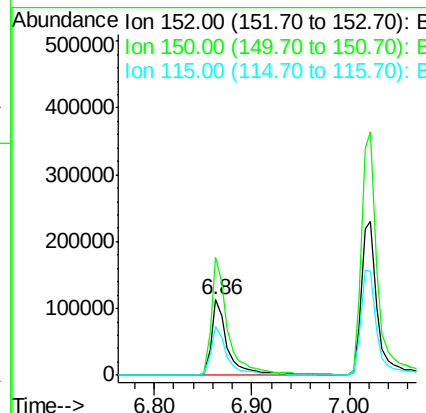
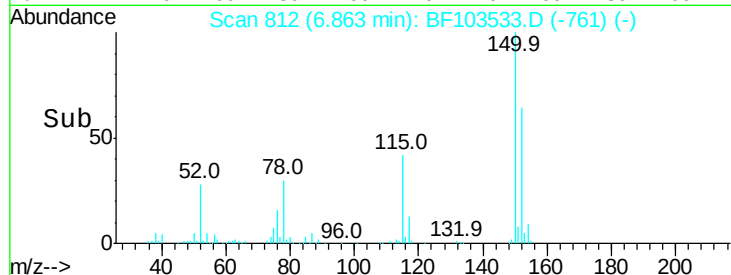
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103533.D
Acq: 8 Mar 2018 22:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 134670
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 64.9 50.1 75.1



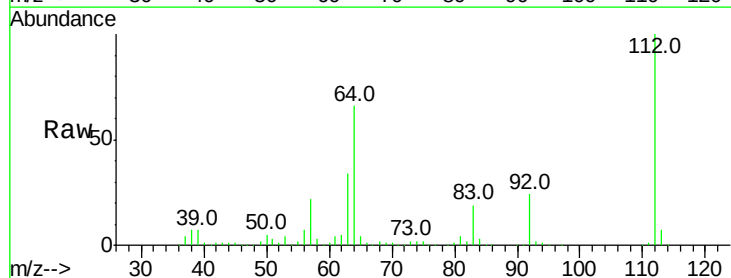
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



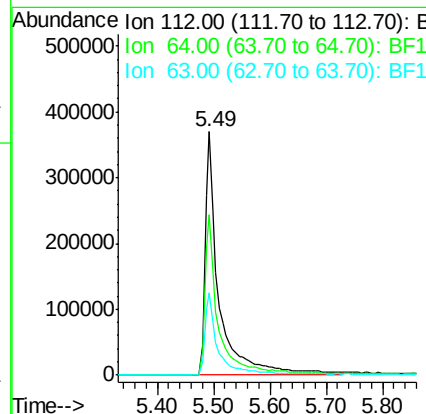
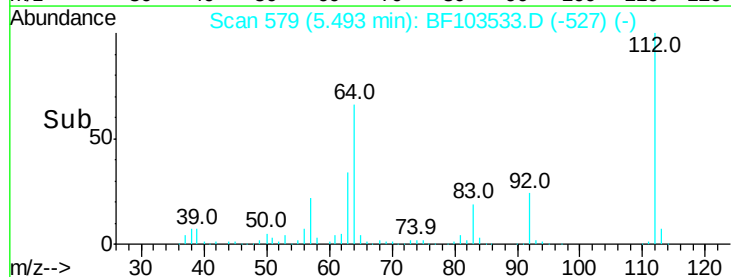
#5

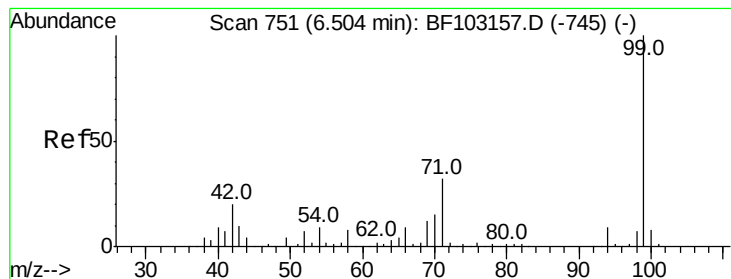
2-Fluorophenol
Concen: 71.335 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103533.D
Acq: 8 Mar 2018 22:41

Tgt Ion:112 Resp: 635184
Ion Ratio Lower Upper
112 100
64 65.9 47.9 71.9
63 34.0 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: 74.944 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103533.D

Acq: 8 Mar 2018 22:41

Instrument :

BNA_F

ClientSampleId :

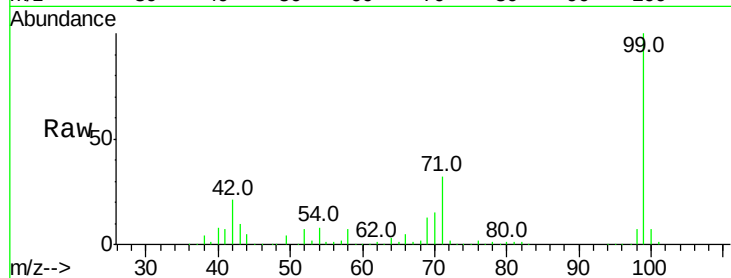
Tot Ion: 99 Resp: 816567

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

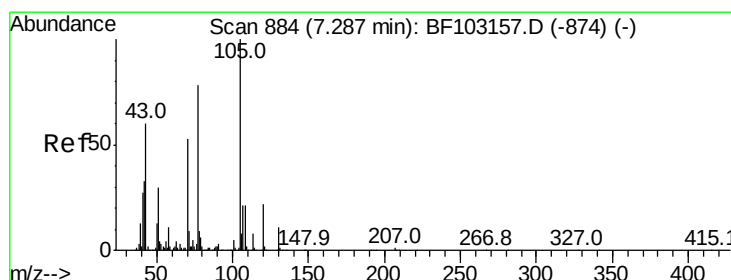
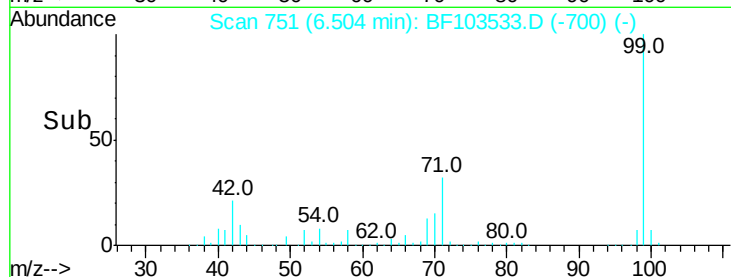
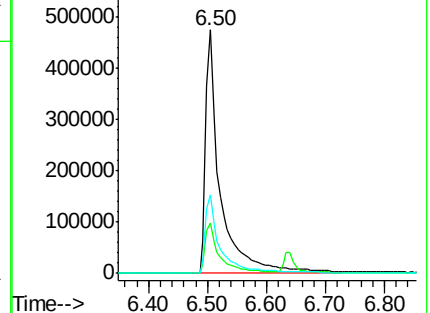
71 32.5 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.129 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.16 min

Lab File: BF103533.D

Acq: 8 Mar 2018 22:41

Tgt Ion: 70 Resp: 61903

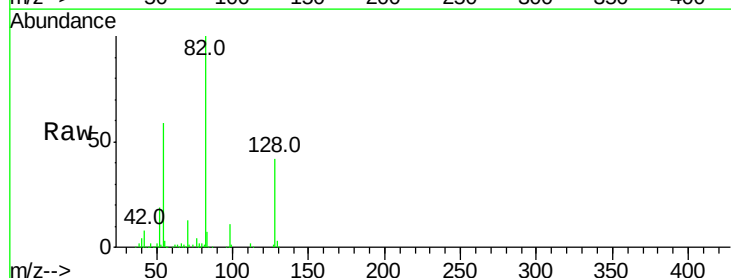
Ion Ratio Lower Upper

70 100

42 56.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

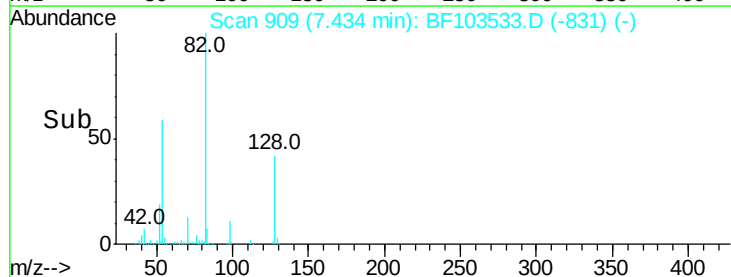
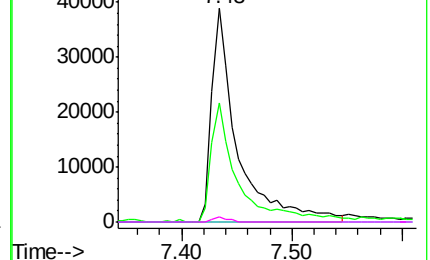


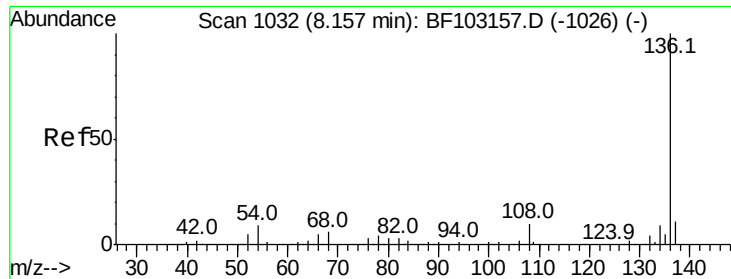
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

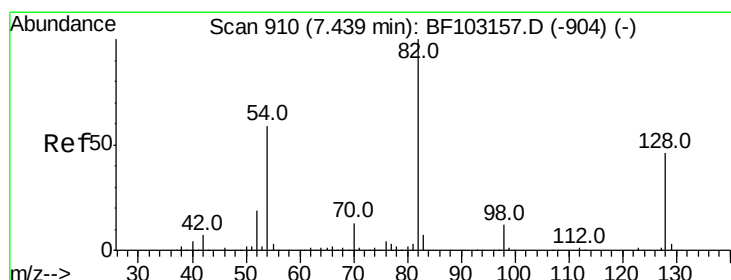
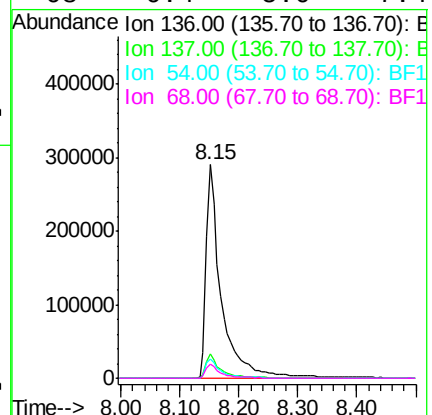
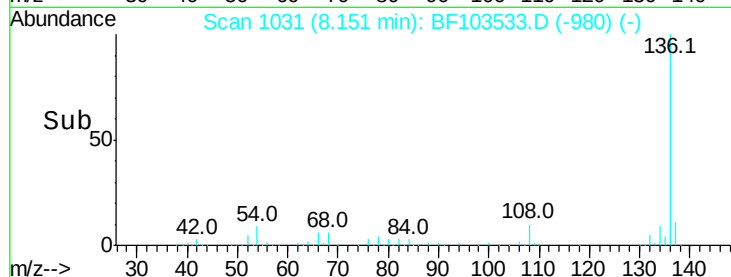
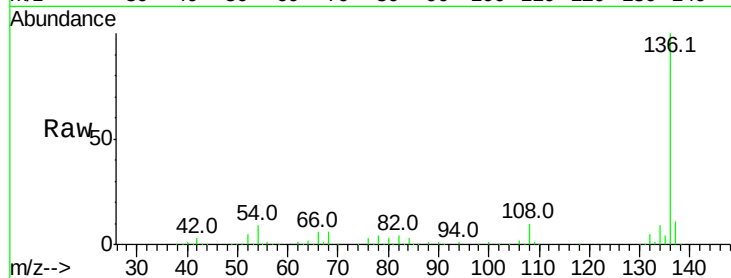




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103533.D
Acq: 8 Mar 2018 22:41

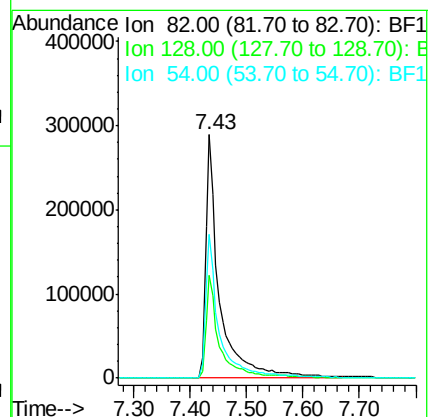
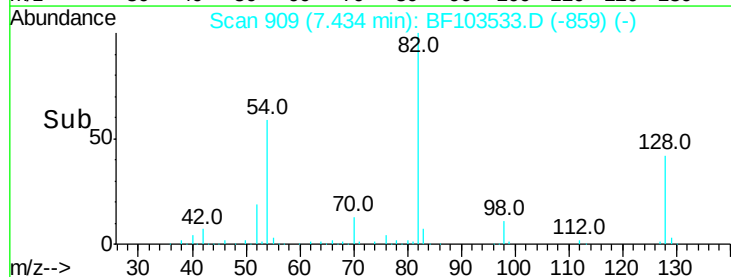
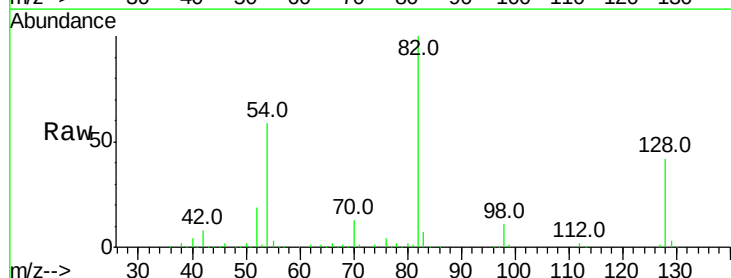
Instrument :
BNA_F
ClientSampleId :

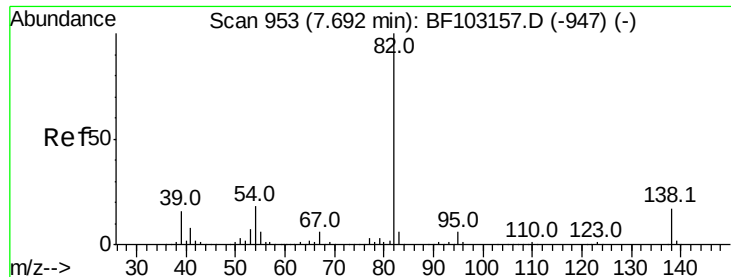
Tot Ion:	136	Resp:	521963
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.2	6.6	9.8
68	6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 54.324 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103533.D
Acq: 8 Mar 2018 22:41

Tgt Ion:	82	Resp:	496517
Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	59.1	41.4	62.2





#25

Isophorone

Concen: 27.583 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BF103533.D

Acq: 8 Mar 2018 22:41

Instrument :

BNA_F

ClientSampleId :

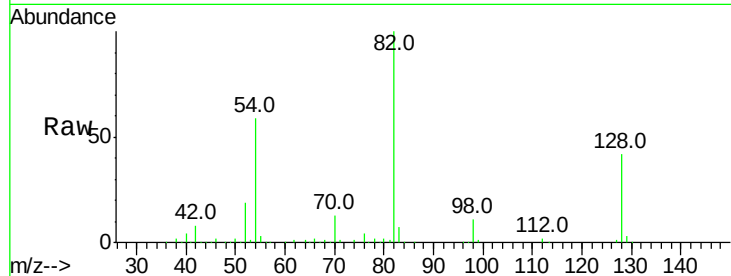
Tot Ion: 82 Resp: 496517

Ion Ratio Lower Upper

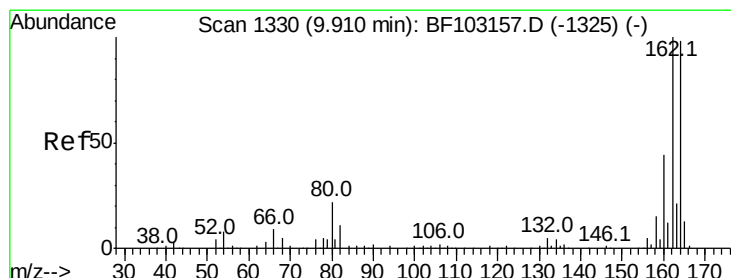
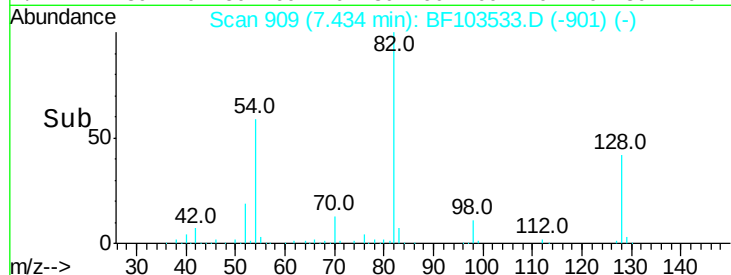
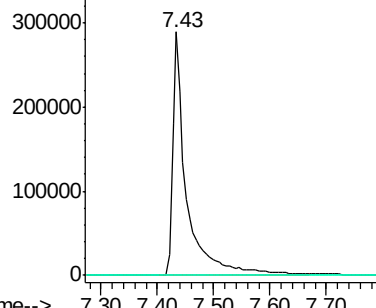
82 100

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: 9.91 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF103533.D

Acq: 8 Mar 2018 22:41

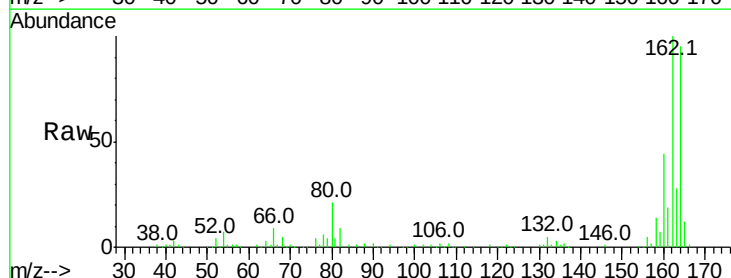
Tgt Ion:164 Resp: 199732

Ion Ratio Lower Upper

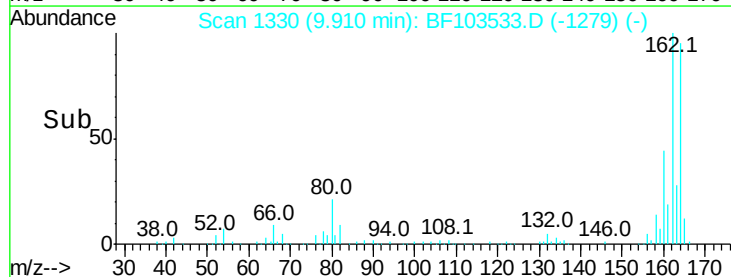
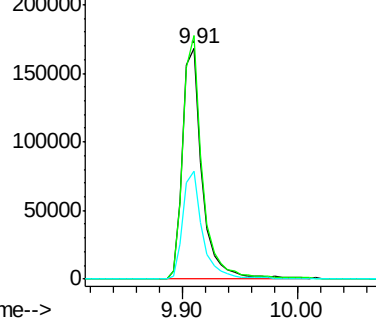
164 100

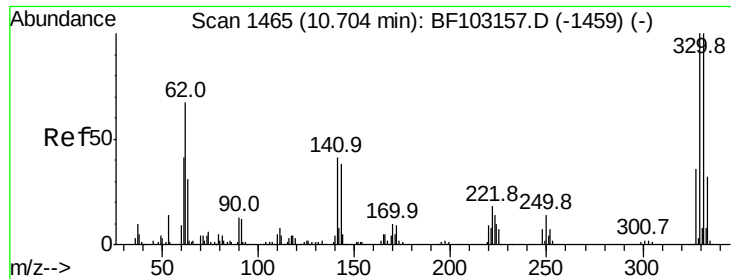
162 105.5 86.1 129.1

160 46.8 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

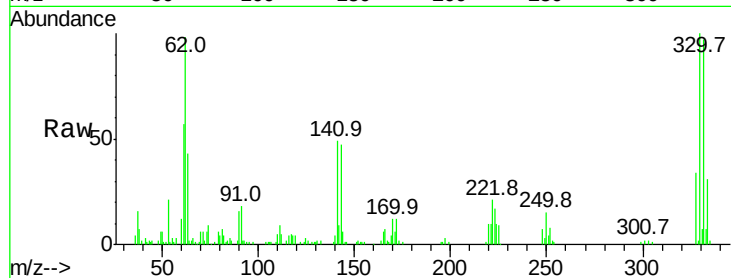




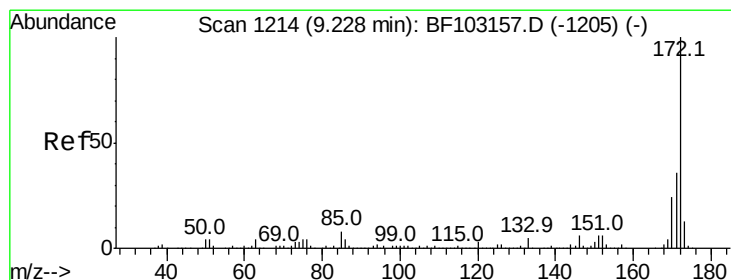
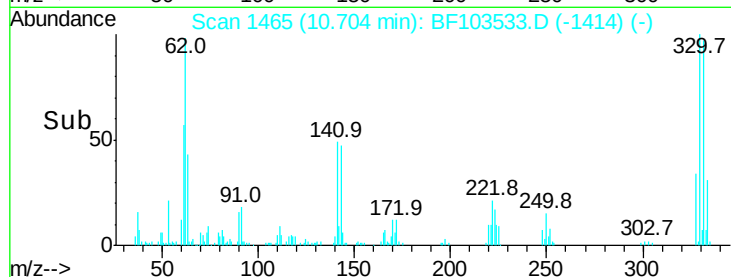
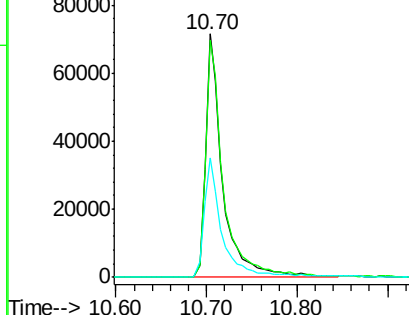
#41
 2,4,6-Tribromophenol
 Concen: 56.153 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103533.D
 Acq: 8 Mar 2018 22:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 94934
 Ion Ratio Lower Upper
 330 100
 332 102.0 77.0 115.6
 141 51.5 29.9 44.9#

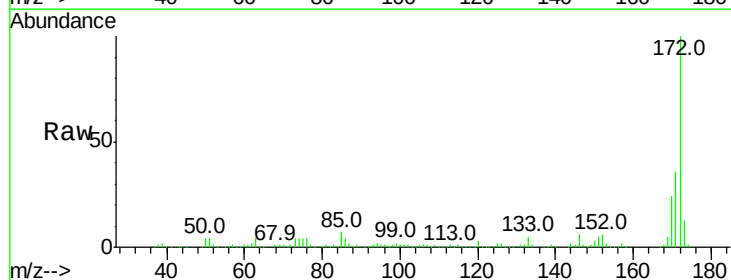


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

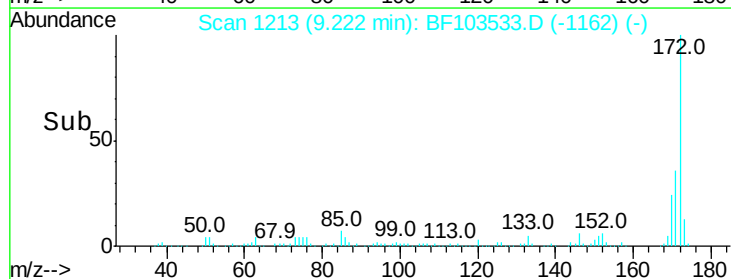
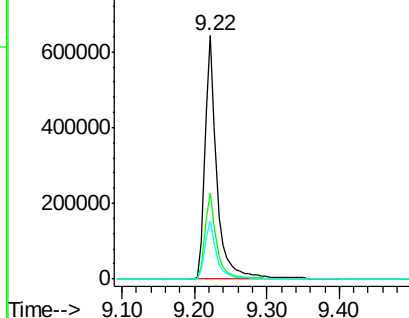


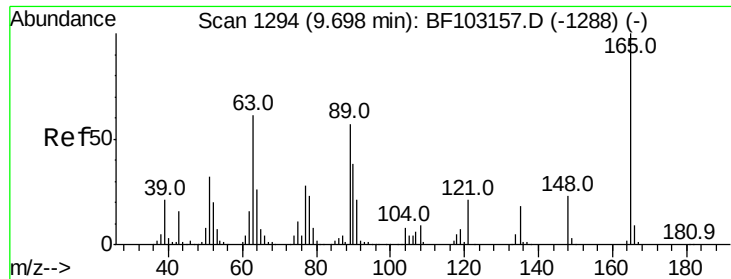
#44
 2-Fluorobiphenyl
 Concen: 59.522 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103533.D
 Acq: 8 Mar 2018 22:41

Tgt Ion:172 Resp: 742596
 Ion Ratio Lower Upper
 172 100
 171 35.6 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

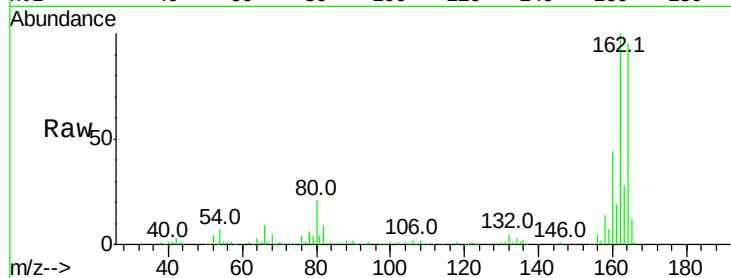




#50
2,6-Dinitrotoluene
Concen: 7.629 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF103533.D
Acq: 8 Mar 2018 22:41

Instrument :
BNA_F
ClientSampleId :

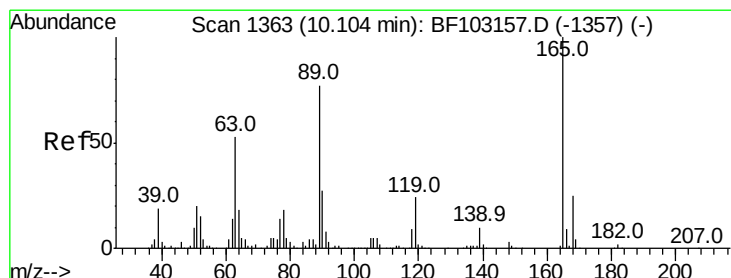
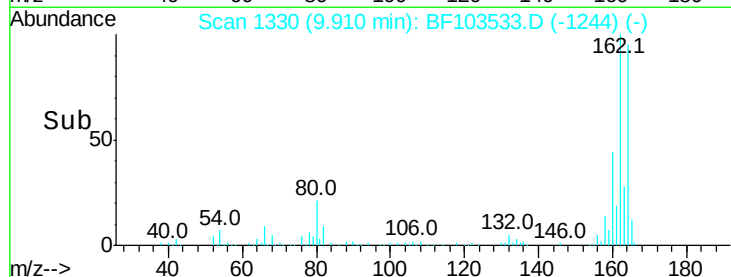
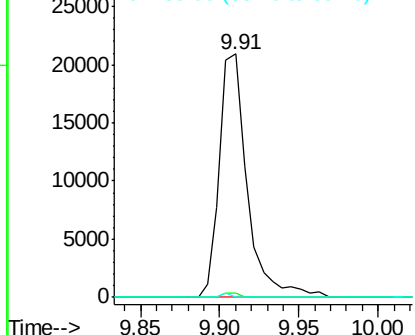
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

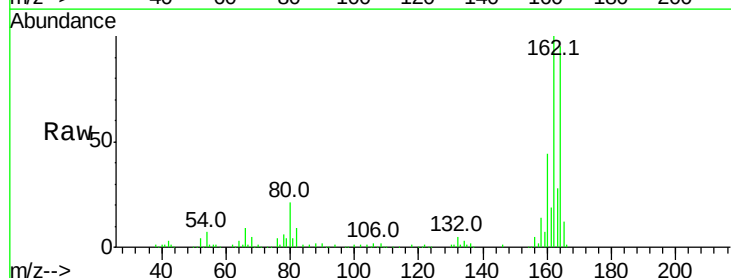
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
2,4-Dinitrotoluene
Concen: 6.032 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.21 min
Lab File: BF103533.D
Acq: 8 Mar 2018 22:41

Tgt 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#

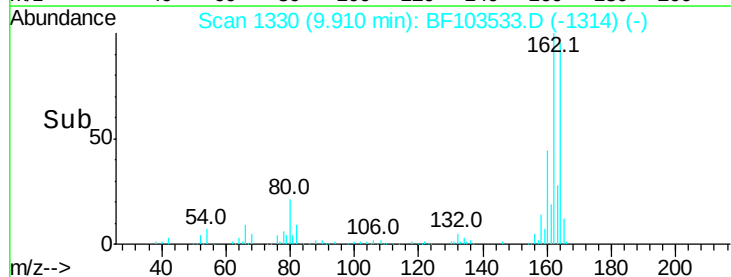
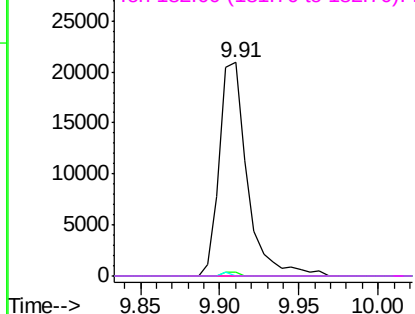


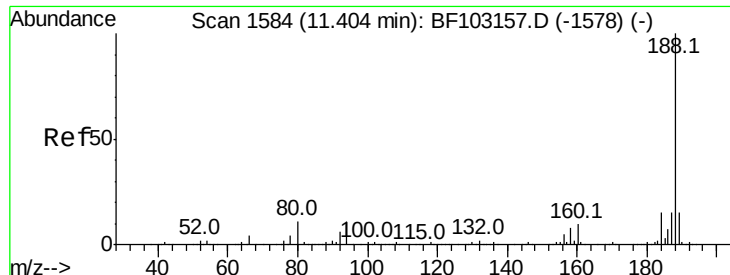
Abundance Ion 165.00 (164.70 to 165.70): E

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

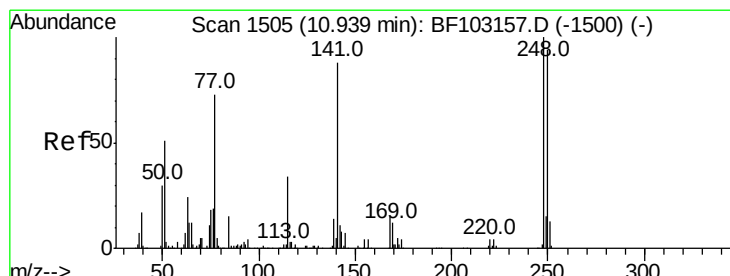
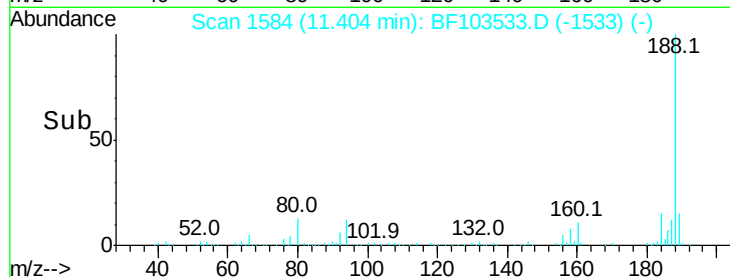
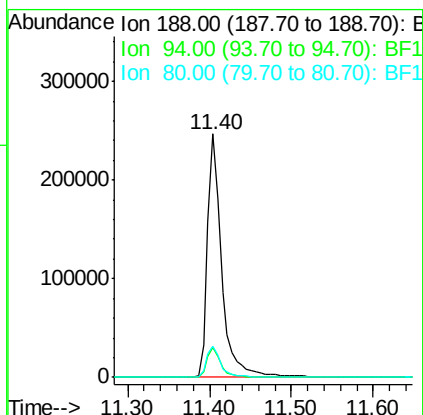
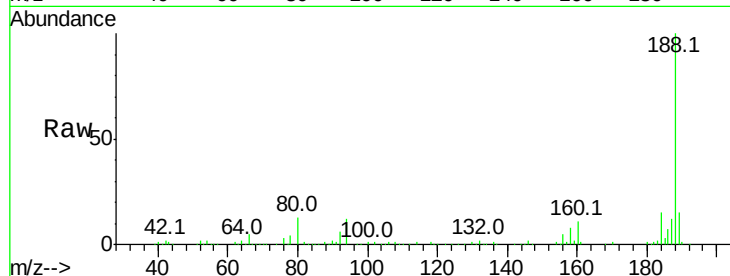




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103533.D
Acq: 8 Mar 2018 22:41

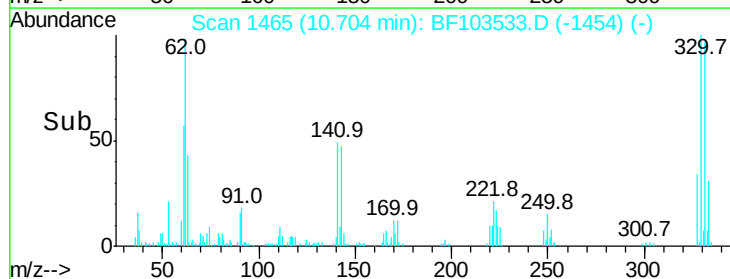
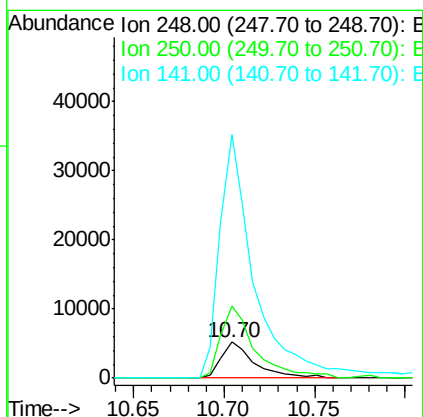
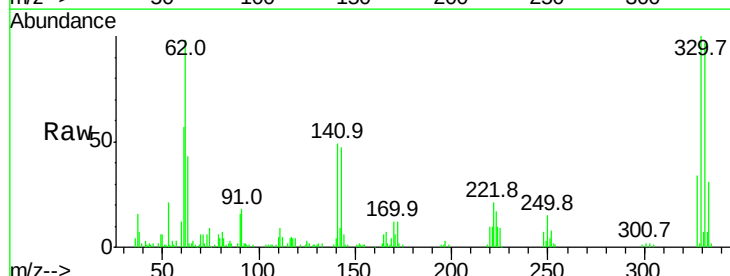
Instrument :
BNA_F
ClientSampled :

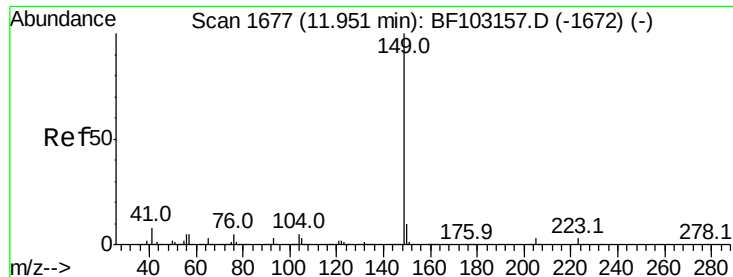
Tot Ion:188 Resp: 300327
Ion Ratio Lower Upper
188 100
94 12.1 8.5 12.7
80 12.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.116 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103533.D
Acq: 8 Mar 2018 22:41

Tgt Ion:248 Resp: 6621
Ion Ratio Lower Upper
248 100
250 202.0 76.9 115.3#
141 677.8 74.4 111.6#





#73

Di-n-butylphthalate

Concen: 8.448 ng

RT: 11.95 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BF103533.D

Acq: 8 Mar 2018 22:41

Instrument :

BNA_F

ClientSampleId :

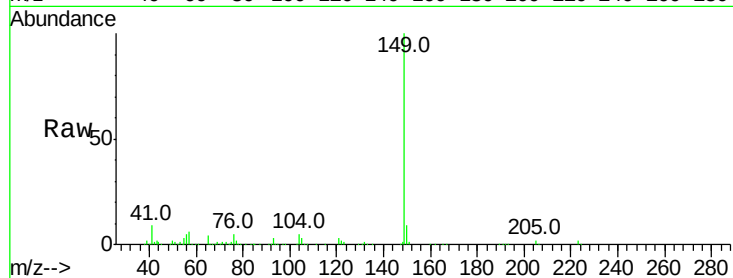
Tot Ion:149 Resp: 178405

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

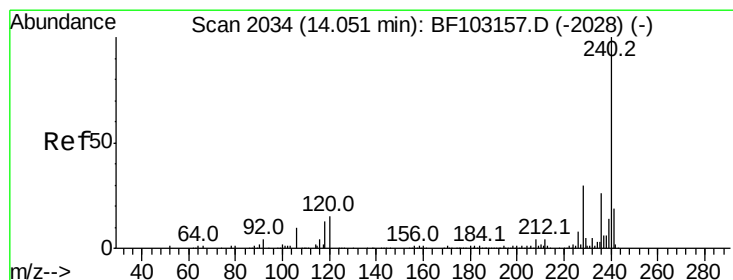
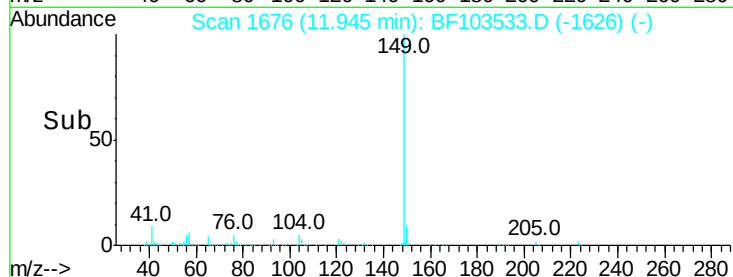
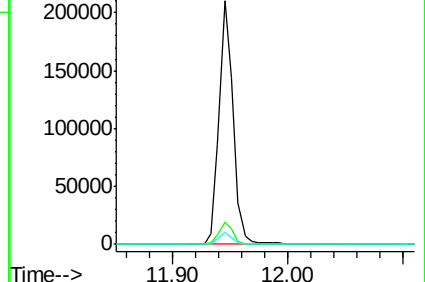
104 5.2 3.8 5.8



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# 2035

Delta R.T. -0.01 min

Lab File: BF103533.D

Acq: 8 Mar 2018 22:41

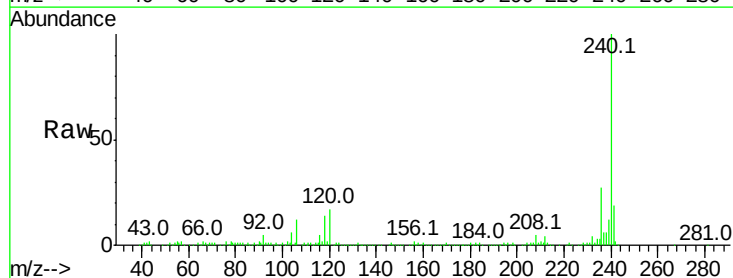
Tgt Ion:240 Resp: 221906

Ion Ratio Lower Upper

240 100

120 16.6 9.5 14.3#

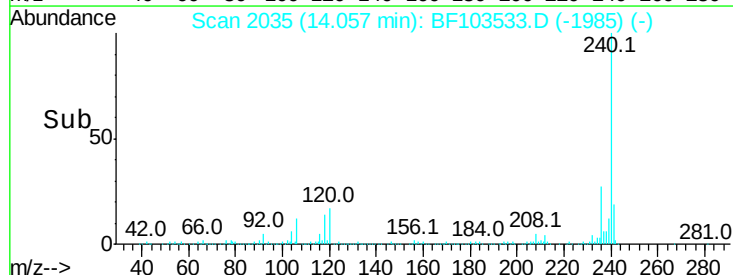
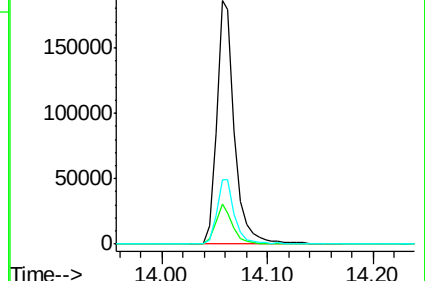
236 26.5 20.7 31.1

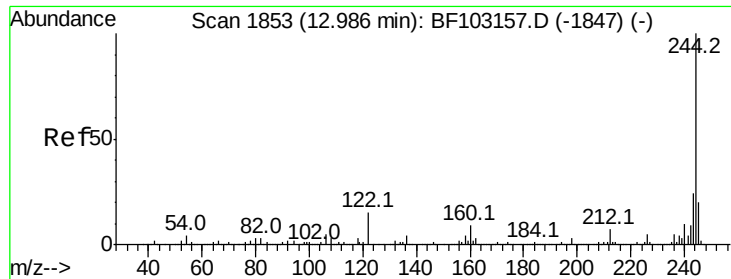


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 55.947 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103533.D

Acq: 8 Mar 2018 22:41

Instrument :

BNA_F

ClientSampleId :

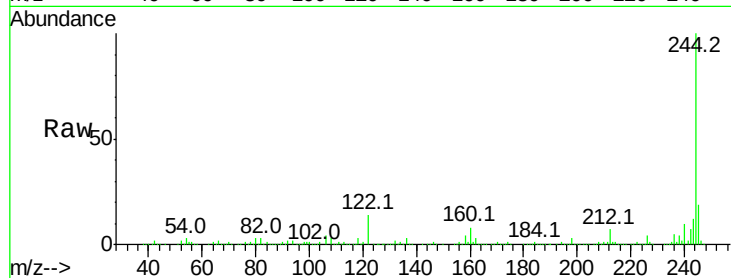
Tot Ion:244 Resp: 516460

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

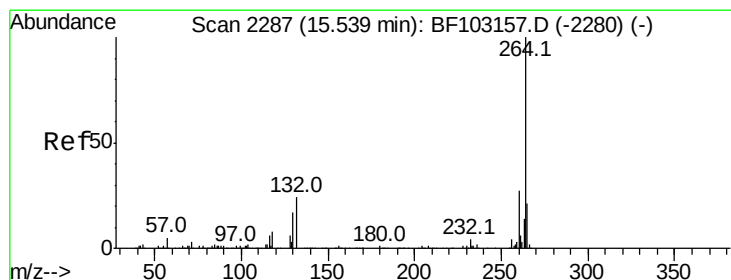
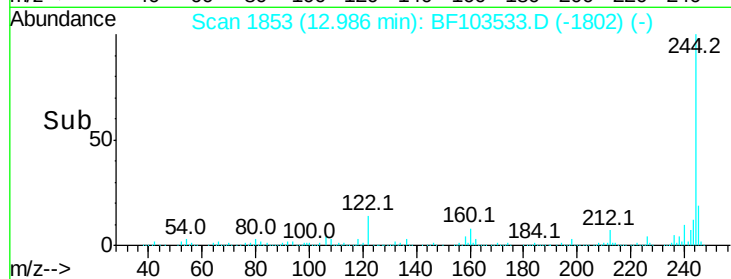
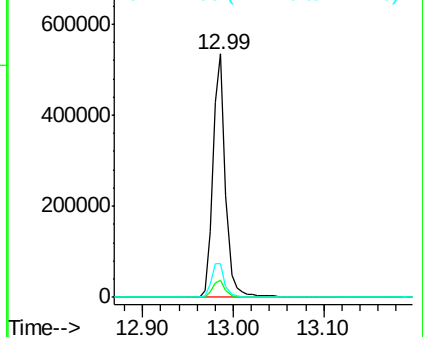
122 13.8 11.0 16.4



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: BF103533.D

Acq: 8 Mar 2018 22:41

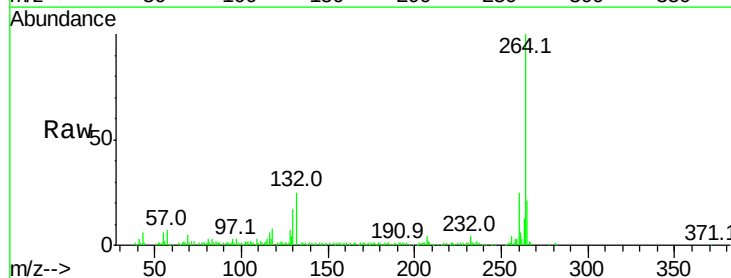
Tgt Ion:264 Resp: 166786

Ion Ratio Lower Upper

264 100

260 25.5 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

