

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103660.D
 Acq On : 14 Mar 2018 23:59
 Operator : SJ/JU
 Sample : PB107370BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 01:03:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

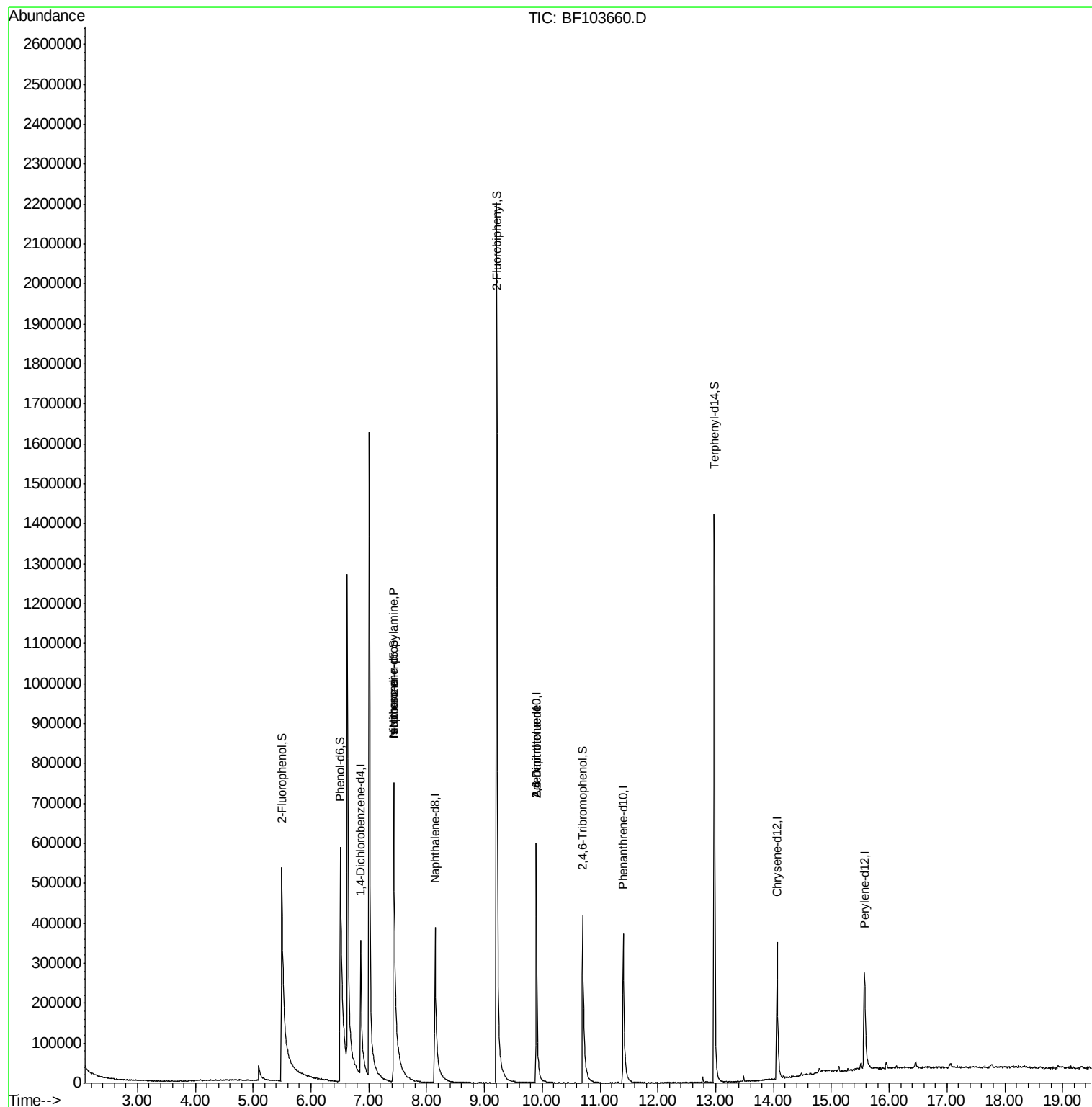
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	106384	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	453815	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	185672	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	285386	20.00	ng	0.00
75) Chrysene-d12	14.06	240	194461	20.00	ng	0.00
86) Perylene-d12	15.57	264	187276	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	509184	72.39	ng	0.00
7) Phenol-d6	6.50	99	615597	71.52	ng	0.00
23) Nitrobenzene-d5	7.43	82	641579	80.74	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	80687	51.34	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	990240	94.25	ng	0.00
78) Terphenyl-d14	12.97	244	585588	72.39	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	440	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	74952	13.992 ng	#	83
25) Isophorone	7.43	82	651173	41.606 ng	#	64
50) 2,6-Dinitrotoluene	9.90	165	22788	7.290 ng	#	24
56) 2,4-Dinitrotoluene	9.90	165	23116	5.847 ng	#	21

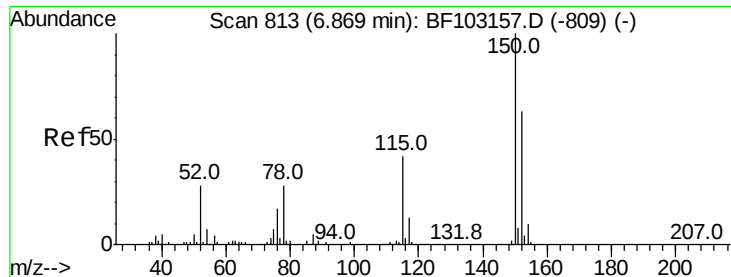
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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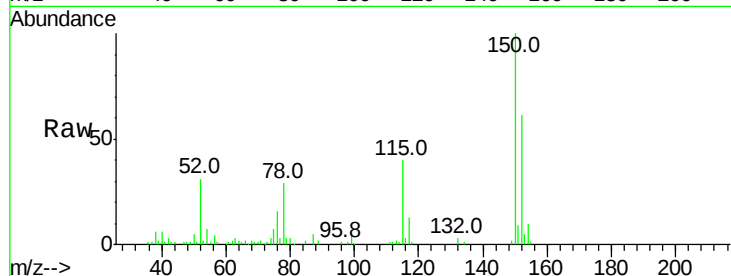


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103660.D
Acq: 14 Mar 2018 23:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	124.6	186.8
115	66.0	50.1	75.1

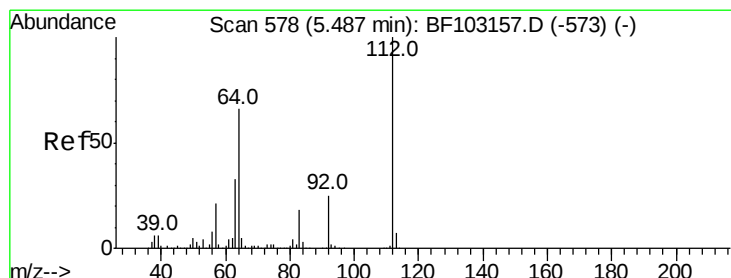
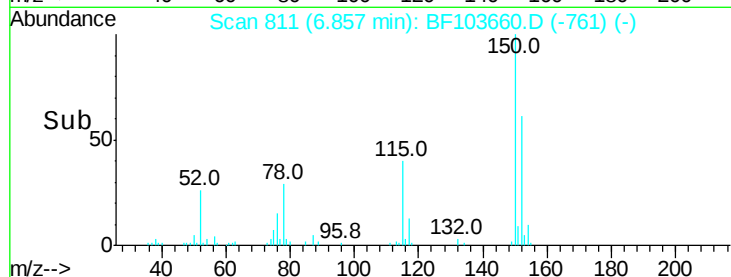
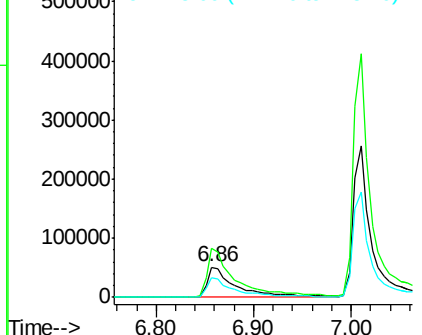


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

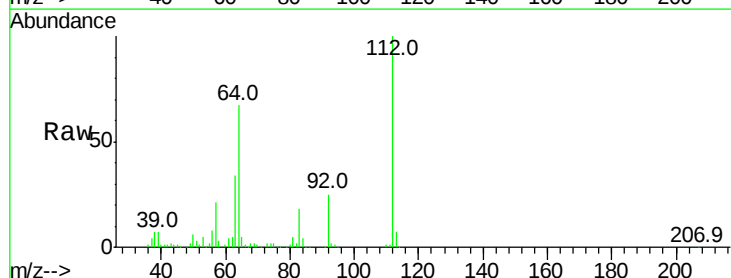
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 72.389 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103660.D
Acq: 14 Mar 2018 23:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	47.9	71.9
63	34.3	23.7	35.5

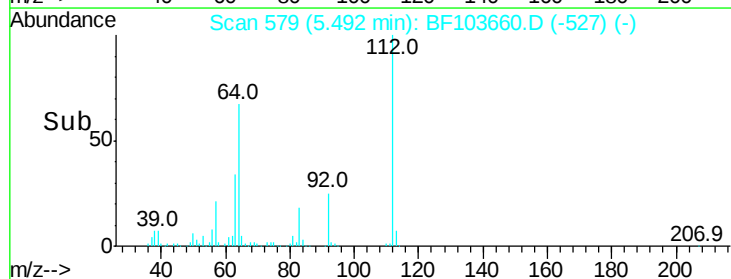
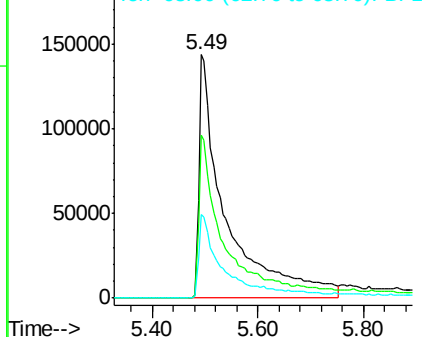


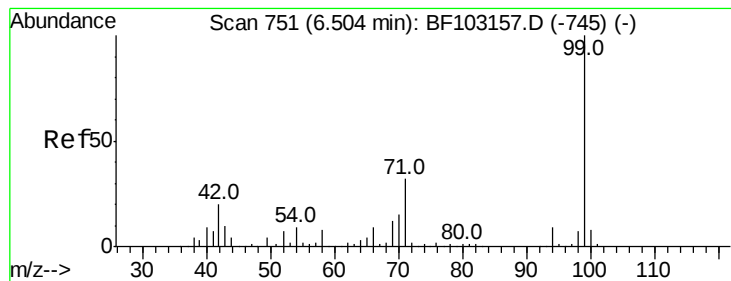
Abundance

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: 71.522 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103660.D

Acq: 14 Mar 2018 23:59

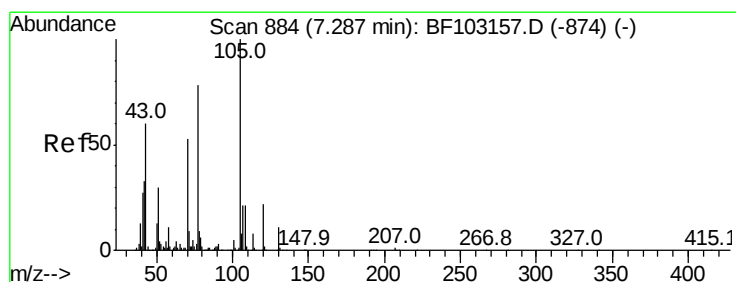
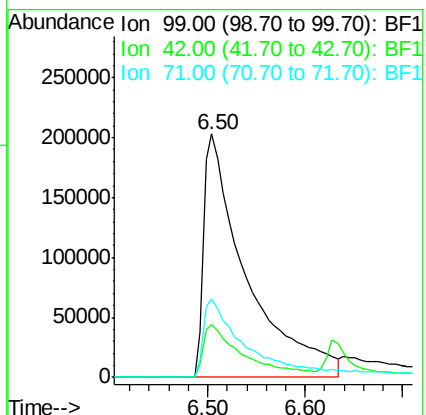
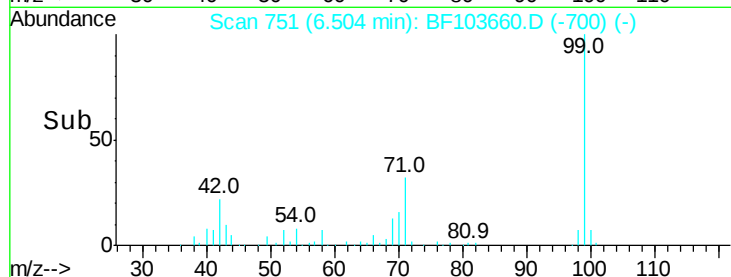
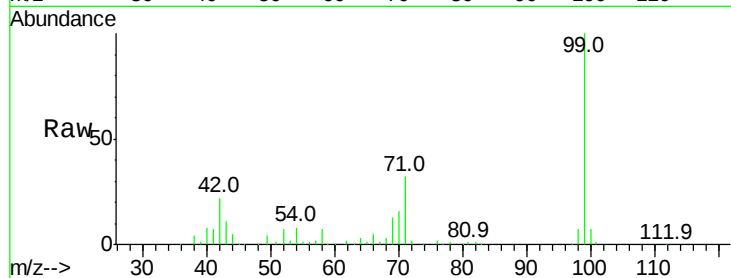
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 615597

Ion	Ratio	Lower	Upper
99	100		
42	21.6	14.5	21.7
71	32.3	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.992 ng

RT: 7.43 min Scan# 908

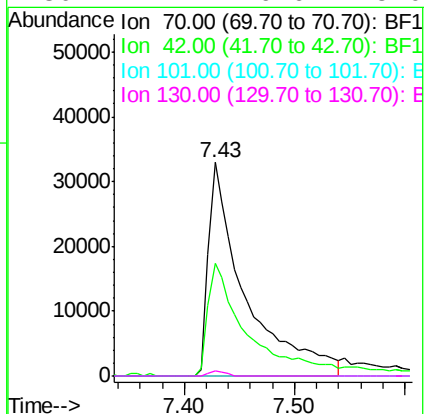
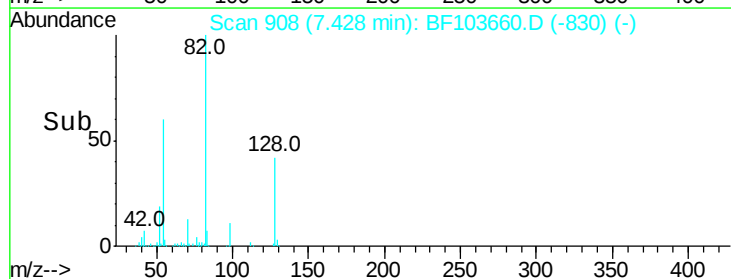
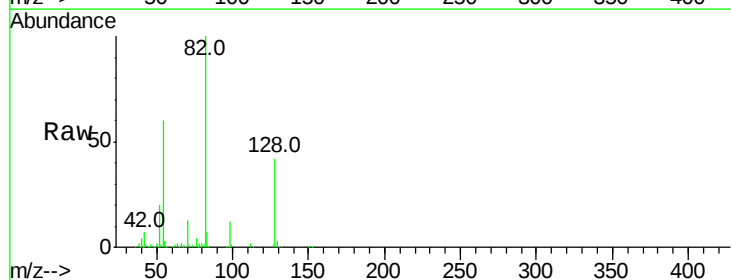
Delta R.T. 0.16 min

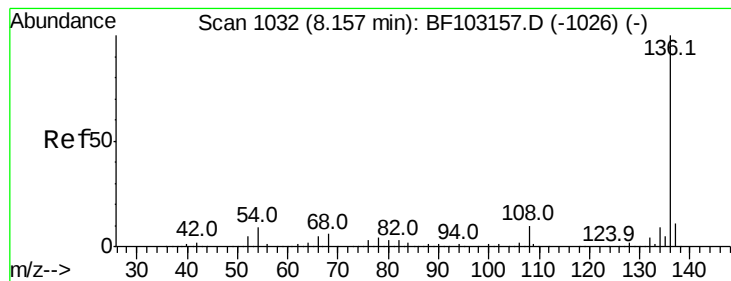
Lab File: BF103660.D

Acq: 14 Mar 2018 23:59

Tgt Ion: 70 Resp: 74952

Ion	Ratio	Lower	Upper
70	100		
42	52.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF103660.D

Acq: 14 Mar 2018 23:59

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 453815

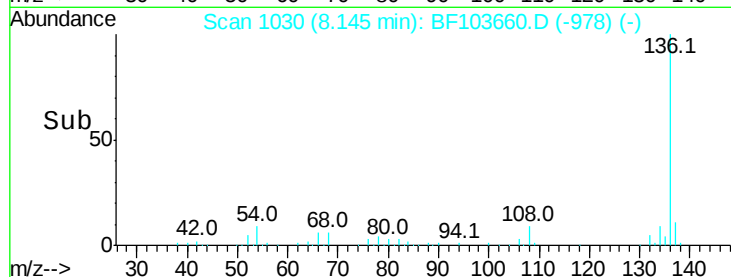
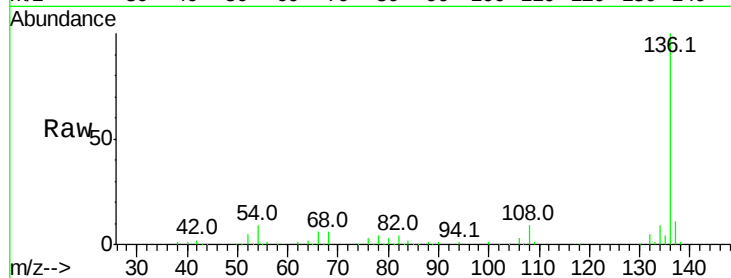
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.1 6.6 9.8

68 6.1 5.0 7.4

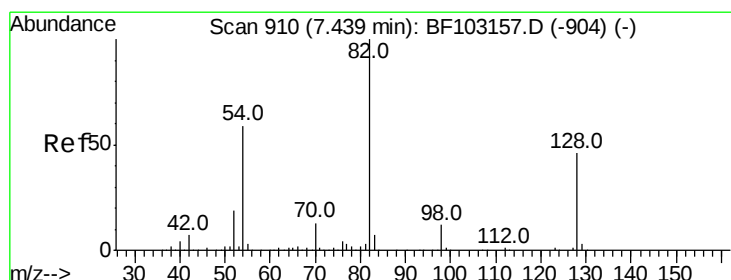
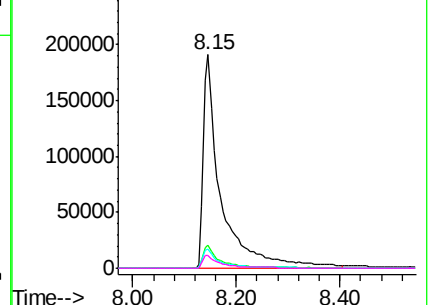


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.737 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF103660.D

Acq: 14 Mar 2018 23:59

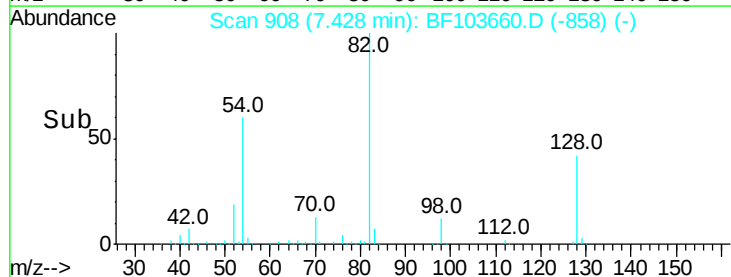
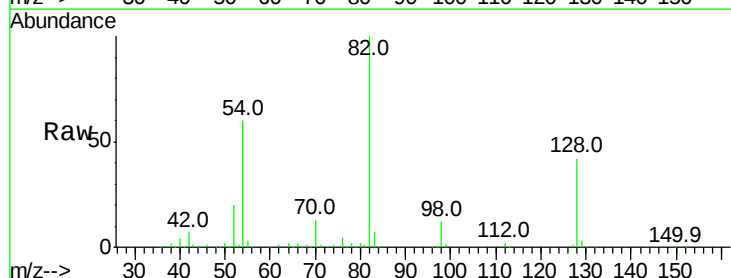
Tgt Ion: 82 Resp: 641579

Ion Ratio Lower Upper

82 100

128 42.3 36.1 54.1

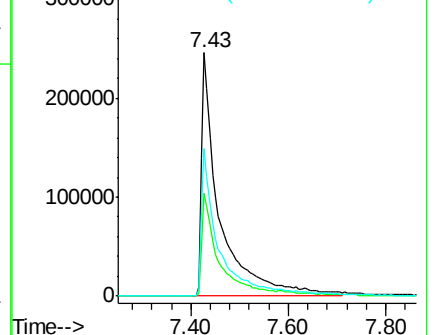
54 60.4 41.4 62.2

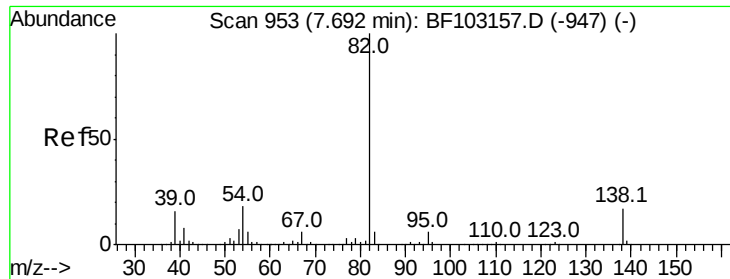


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.606 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.25 min

Lab File: BF103660.D

Acq: 14 Mar 2018 23:59

Instrument :

BNA_F

ClientSampleId :

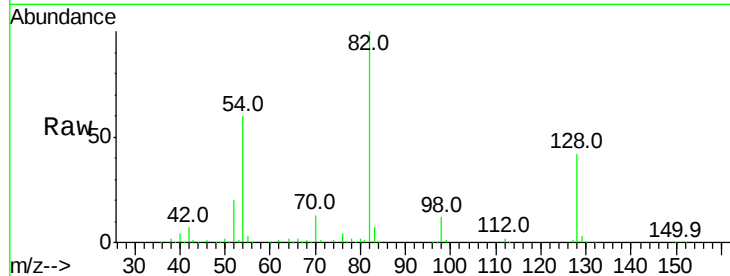
Tot Ion: 82 Resp: 651173

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

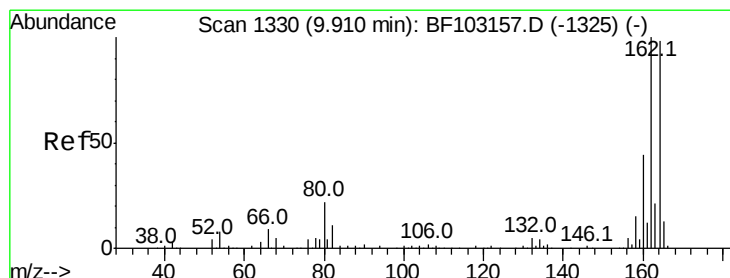
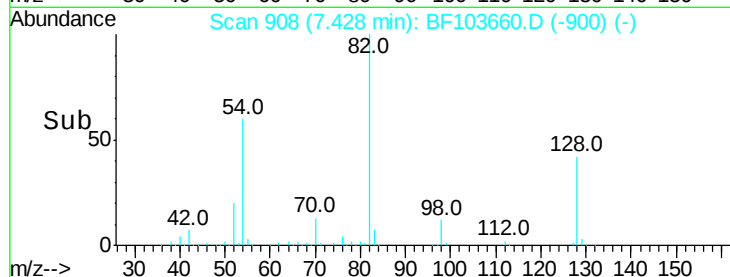
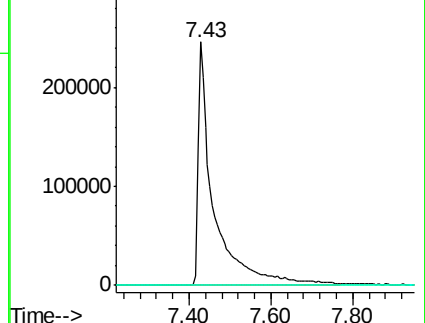
138 0.0 14.9 22.3#



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# 1328

Delta R.T. -0.00 min

Lab File: BF103660.D

Acq: 14 Mar 2018 23:59

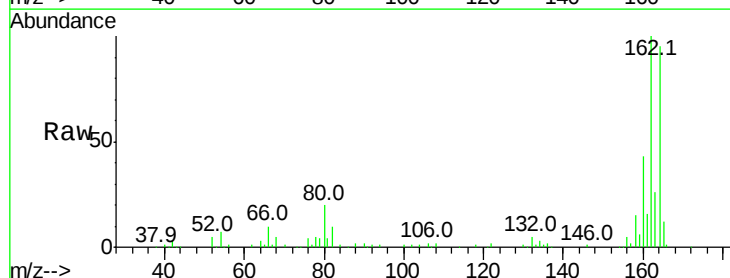
Tgt Ion:164 Resp: 185672

Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

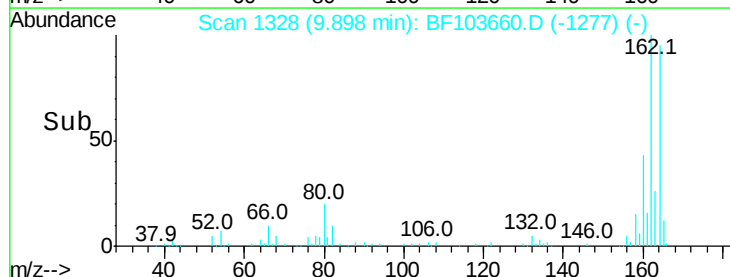
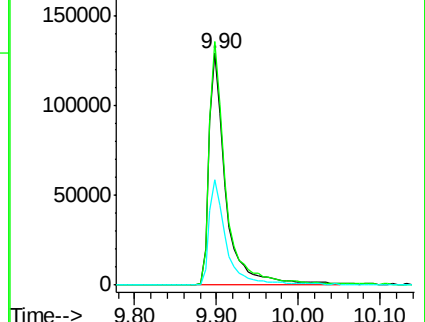
160 45.4 38.3 57.5

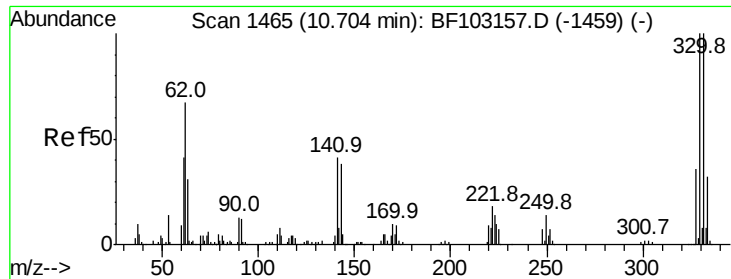


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

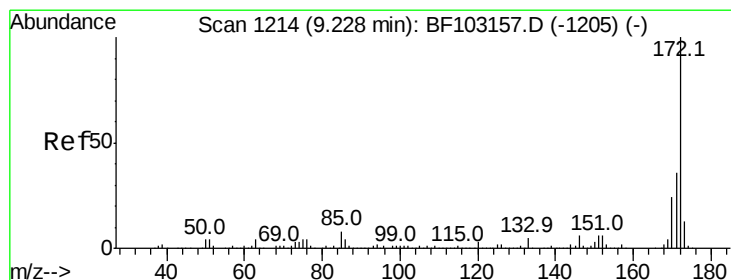
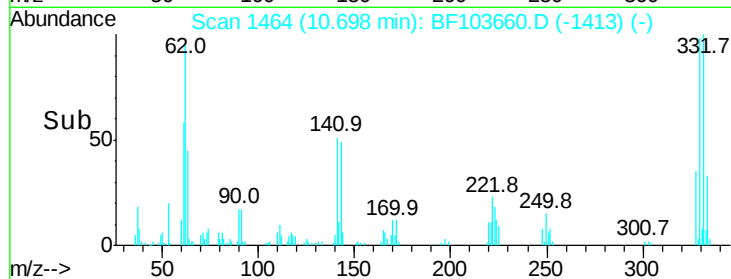
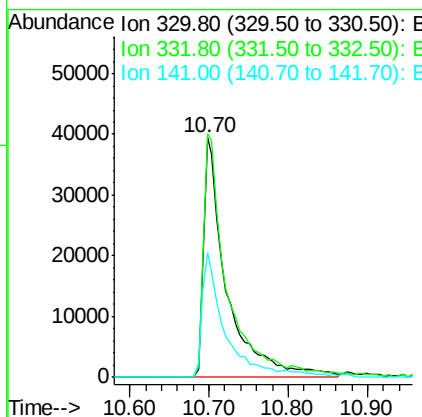
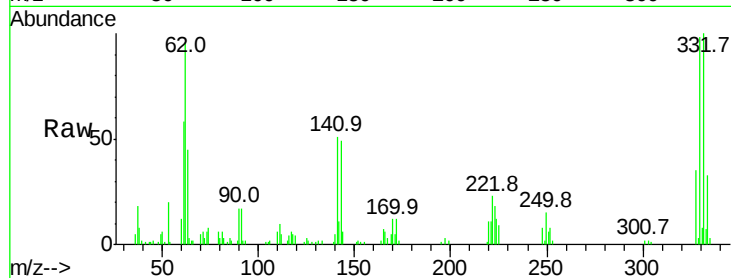




#41
 2,4,6-Tribromophenol
 Concen: 51.340 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF103660.D
 Acq: 14 Mar 2018 23:59

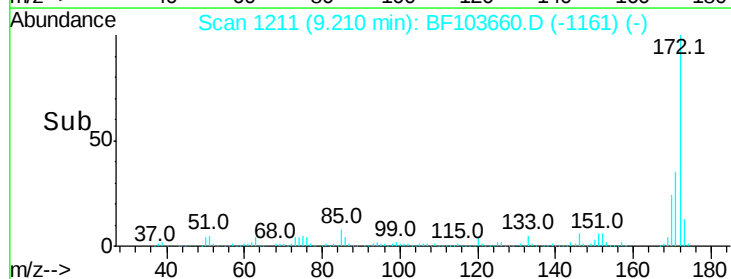
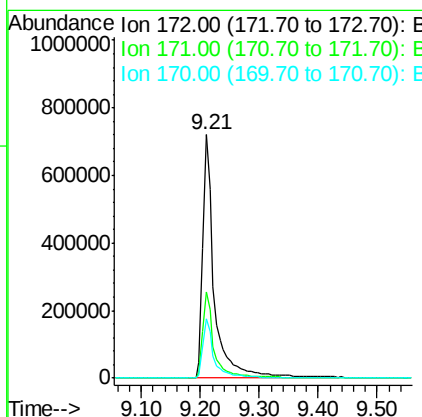
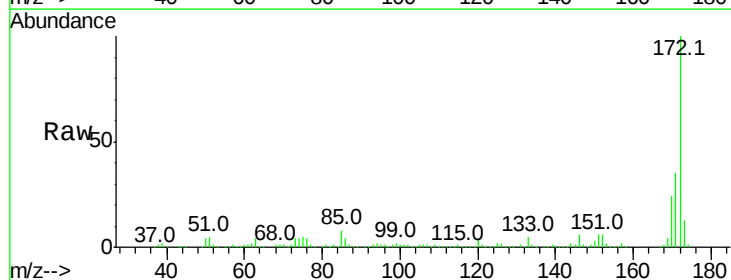
Instrument :
 BNA_F
 ClientSampled :

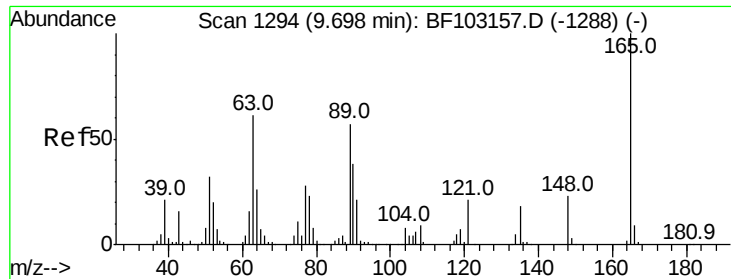
Tot Ion:330 Resp: 80687
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.0 115.6
 141 49.0 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 94.254 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103660.D
 Acq: 14 Mar 2018 23:59

Tgt Ion:172 Resp: 990240
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 24.2 19.6 29.4

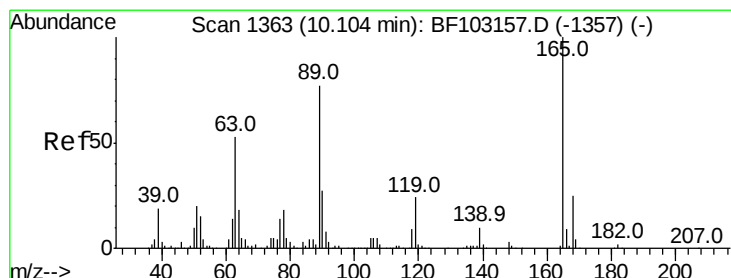
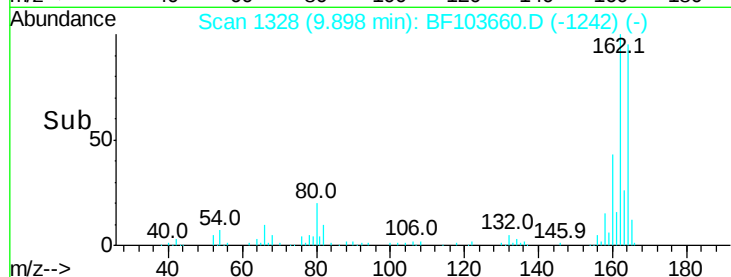
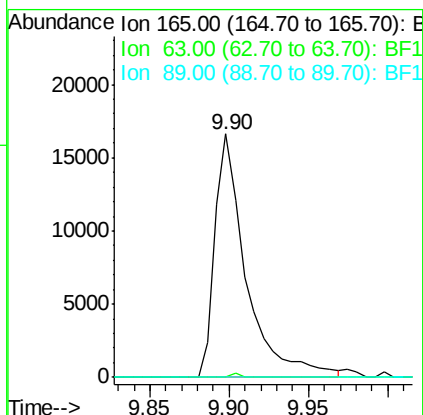
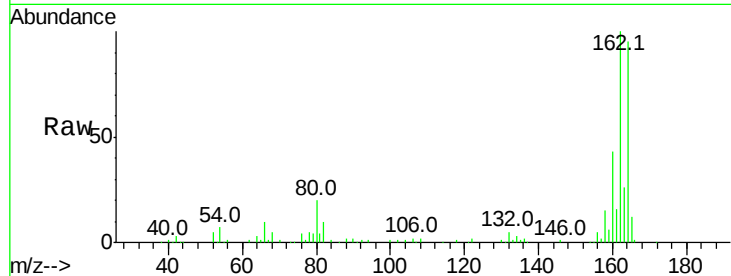




#50
 2,6-Dinitrotoluene
 Concen: 7.290 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF103660.D
 Acq: 14 Mar 2018 23:59

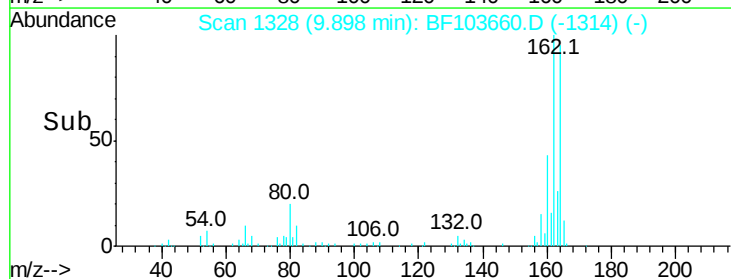
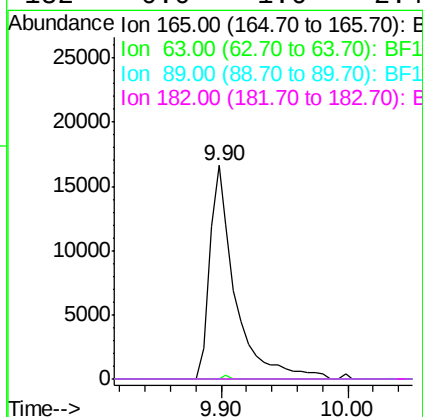
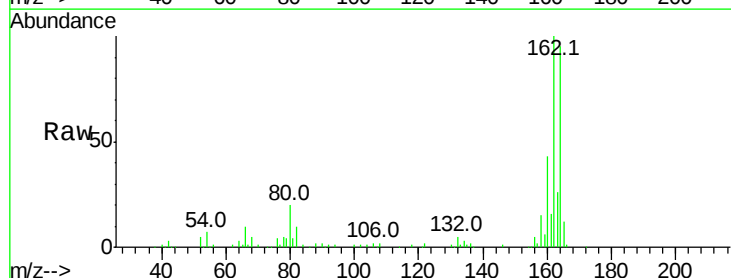
Instrument :
 BNA_F
 ClientSampleId :

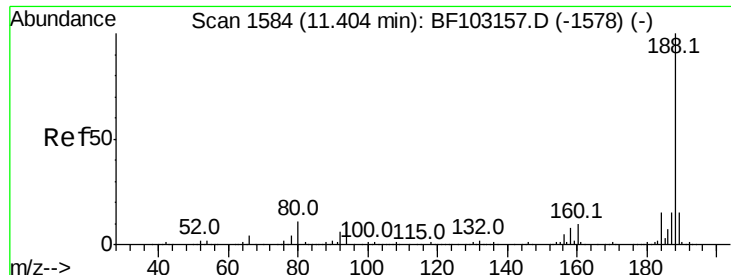
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.847 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.22 min
 Lab File: BF103660.D
 Acq: 14 Mar 2018 23:59

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

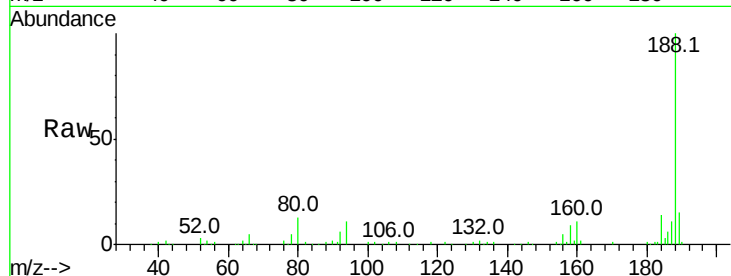




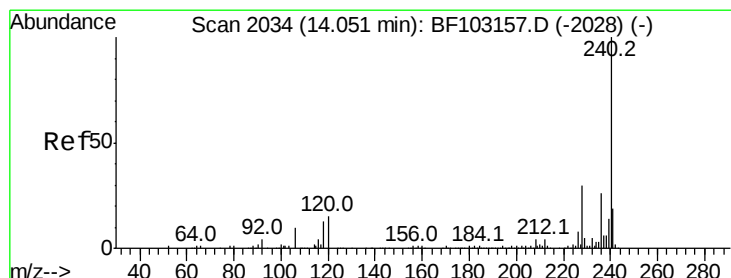
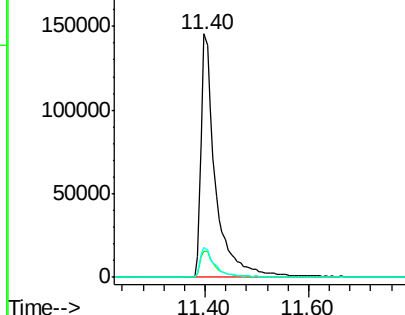
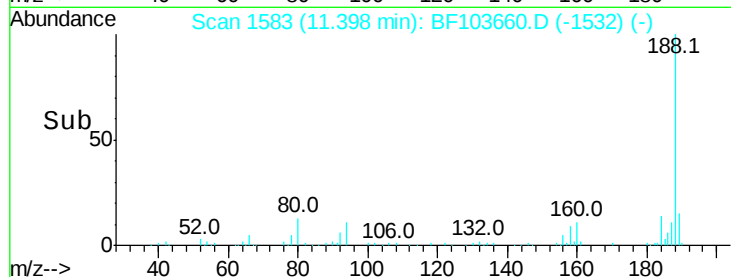
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF103660.D
Acq: 14 Mar 2018 23:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 285386
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 12.5 9.2 13.8

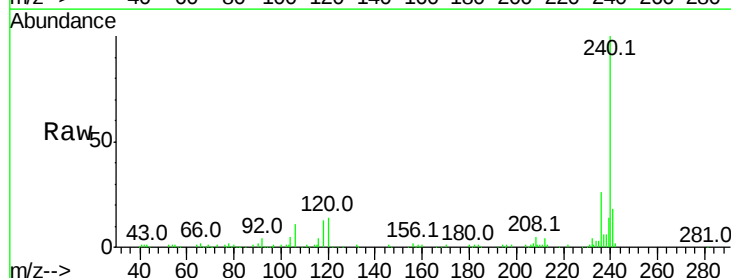


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

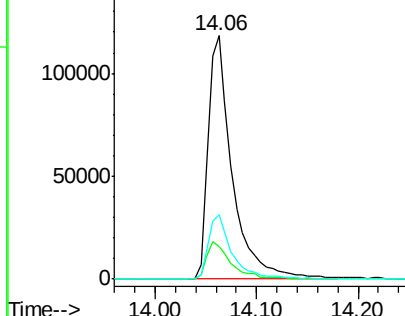
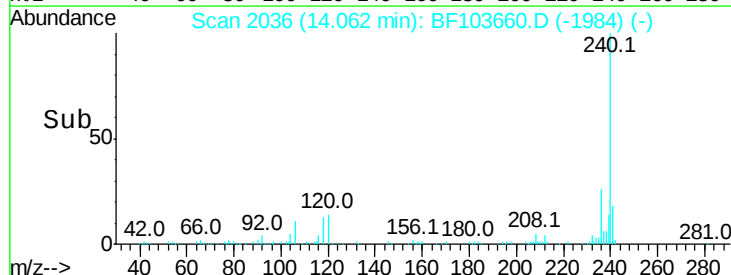


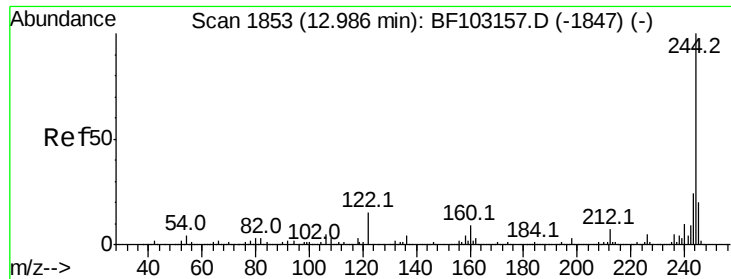
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF103660.D
Acq: 14 Mar 2018 23:59

Tgt Ion:240 Resp: 194461
Ion Ratio Lower Upper
240 100
120 13.6 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: 72.389 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF103660.D

Acq: 14 Mar 2018 23:59

Instrument :

BNA_F

ClientSampleId :

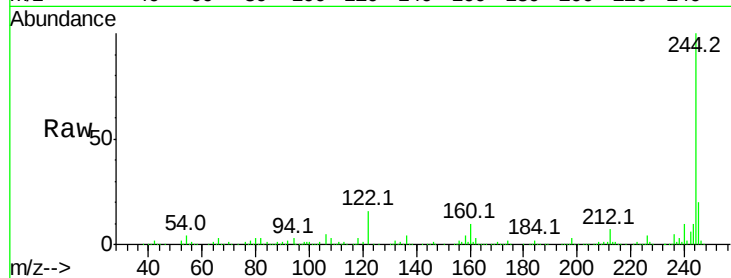
Tot Ion:244 Resp: 585588

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

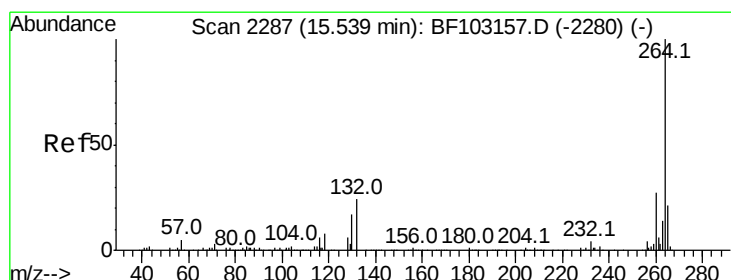
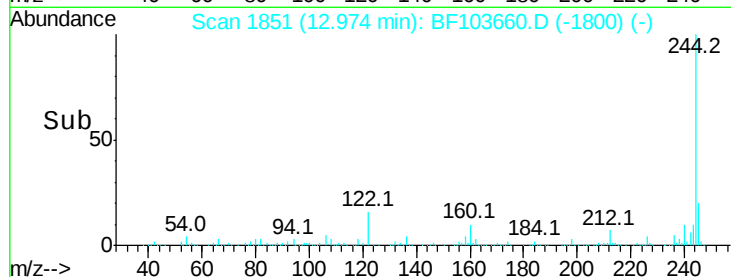
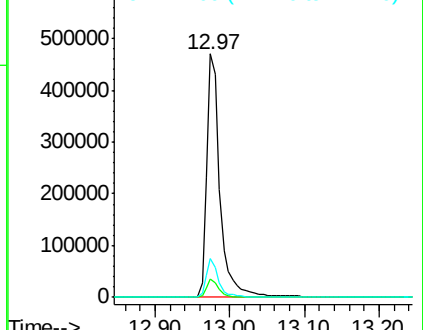
122 15.9 11.0 16.4



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: BF103660.D

Acq: 14 Mar 2018 23:59

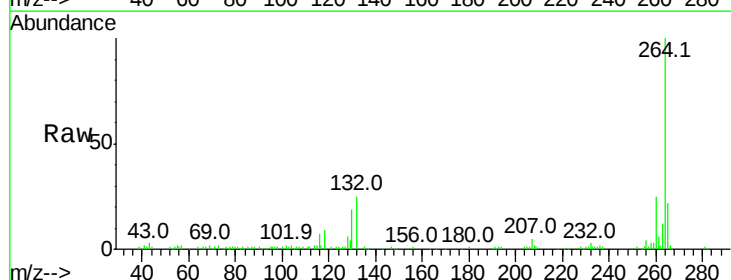
Tgt Ion:264 Resp: 187276

Ion Ratio Lower Upper

264 100

260 25.0 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

