

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096843.D
 Acq On : 18 Jul 2017 13:03
 Operator : SJ/JU
 Sample : I4224-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEC-03

Quant Time: Jul 19 07:36:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

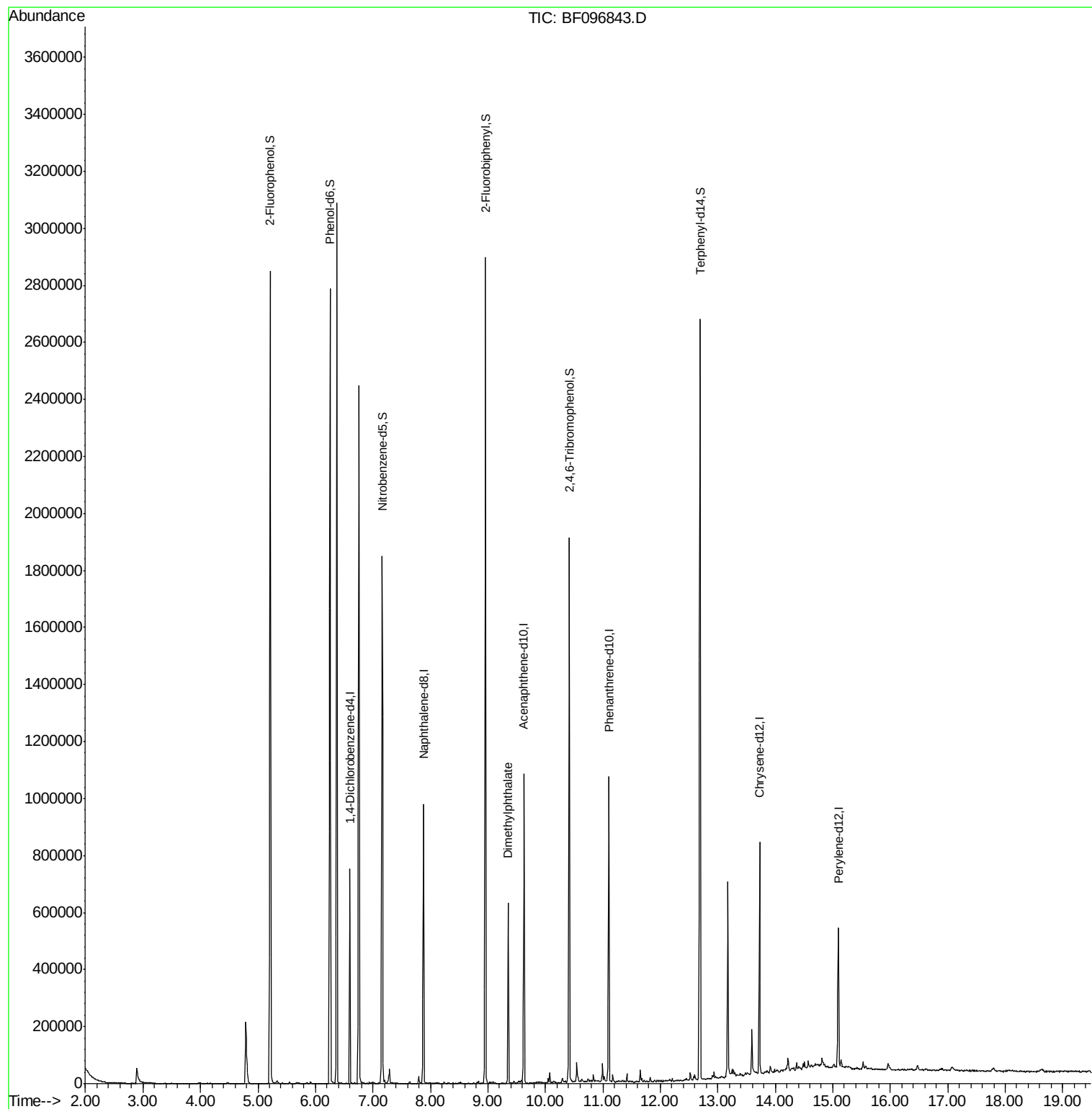
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	106763	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	456375	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	212653	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	375582	20.00	ng	0.00
75) Chrysene-d12	13.73	240	280133	20.00	ng	0.00
86) Perylene-d12	15.10	264	200145	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	909504	128.09	ng	0.02
7) Phenol-d6	6.26	99	1078714	126.60	ng	0.00
23) Nitrobenzene-d5	7.16	82	655328	88.94	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	245015	134.98	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	1119534	83.18	ng	0.00
78) Terphenyl-d14	12.69	244	922139	57.09	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.35	163	263104	16.432	ng	Qvalue 99

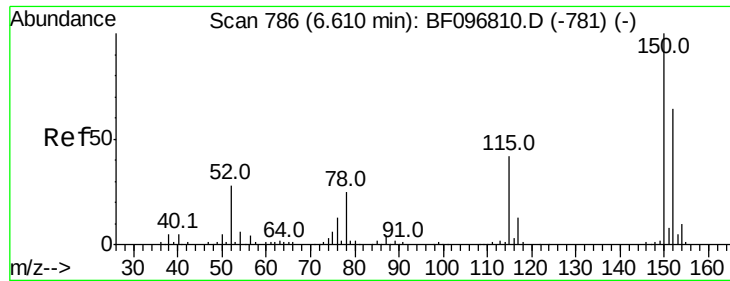
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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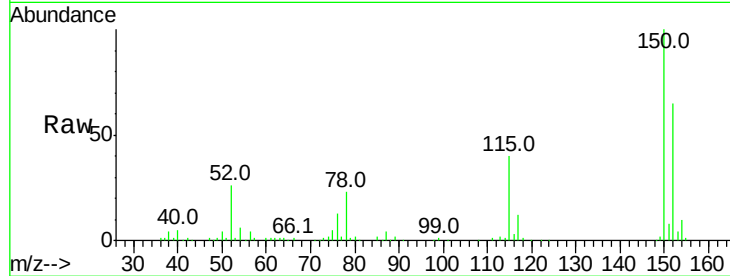


#1

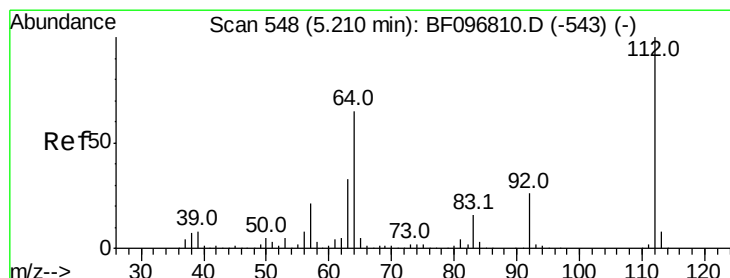
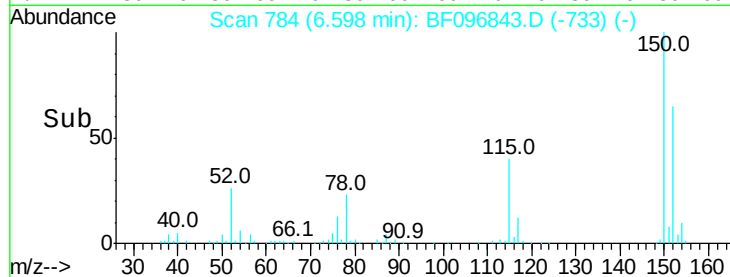
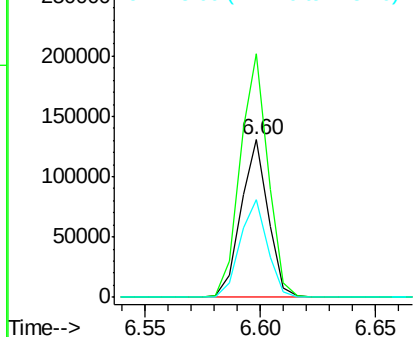
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF096843.D
Acq: 18 Jul 2017 13:03

Instrument :
BNA_F
ClientSampleId :
DEC-03

Tot Ion:152 Resp: 106763
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.2
115 62.1 52.2 78.2



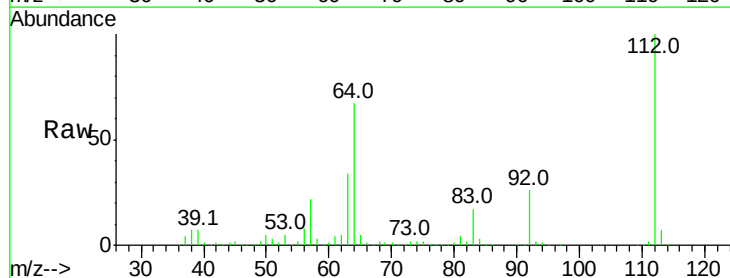
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



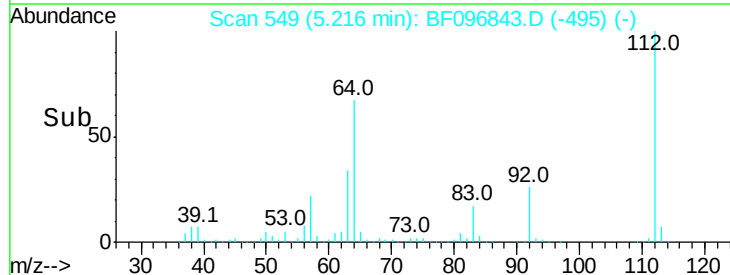
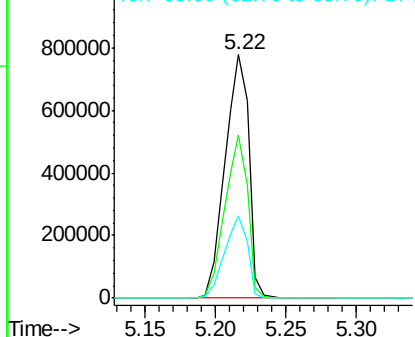
#5

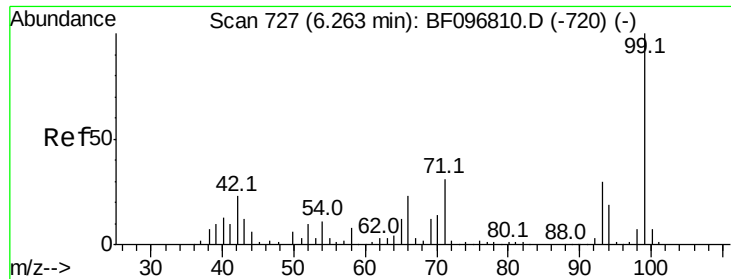
2-Fluorophenol
Concen: 128.089 ng
RT: 5.22 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF096843.D
Acq: 18 Jul 2017 13:03

Tgt Ion:112 Resp: 909504
Ion Ratio Lower Upper
112 100
64 67.2 46.0 69.0
63 33.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.596 ng

RT: 6.26 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF096843.D

Acq: 18 Jul 2017 13:03

Instrument :

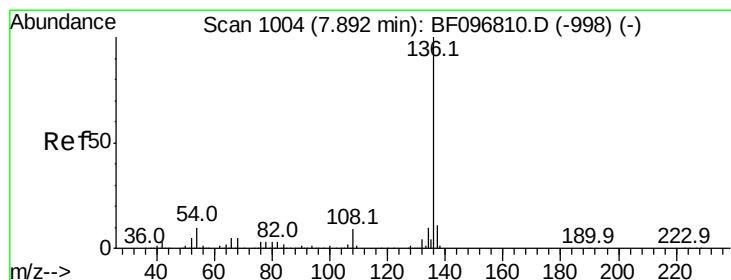
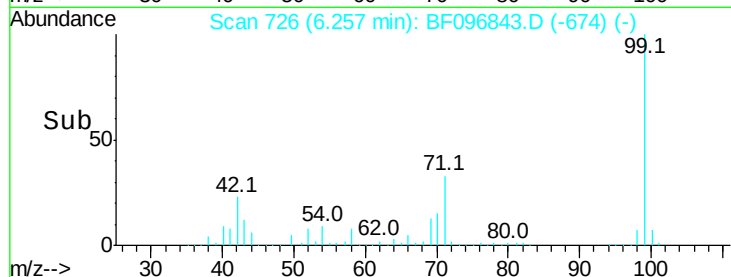
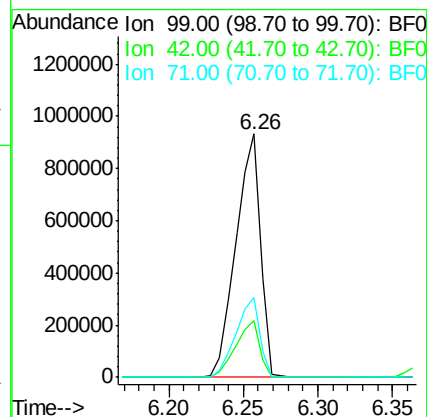
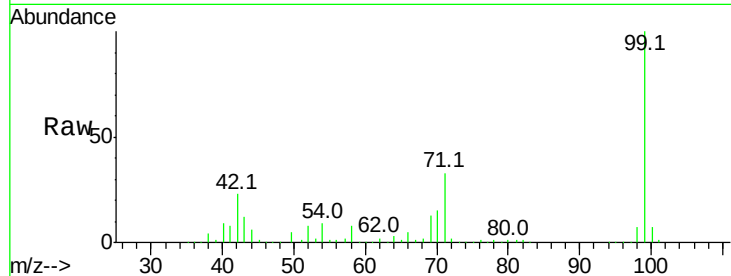
BNA_F

ClientSampleId :

DEC-03

Tot Ion: 99 Resp: 1078714

Ion	Ratio	Lower	Upper
99	100		
42	23.1	13.5	20.3#
71	32.7	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1002

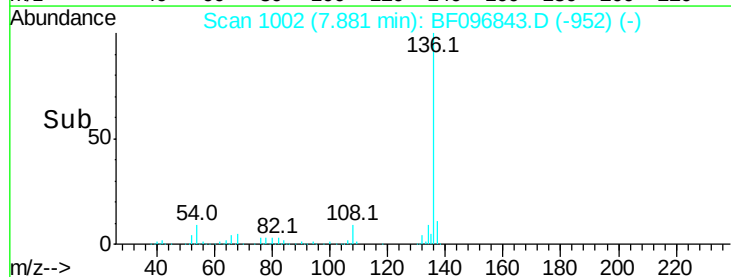
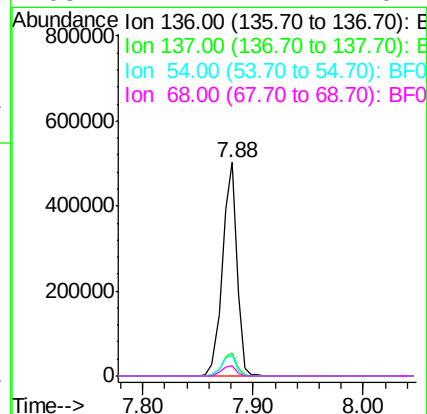
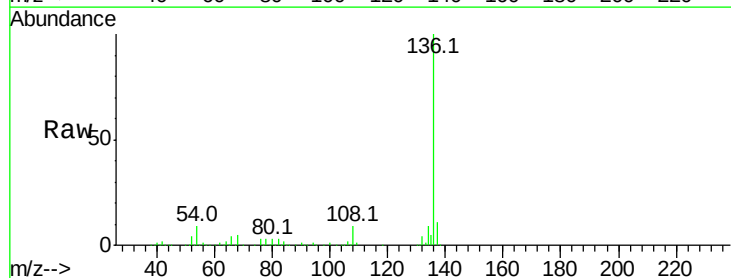
Delta R.T. -0.01 min

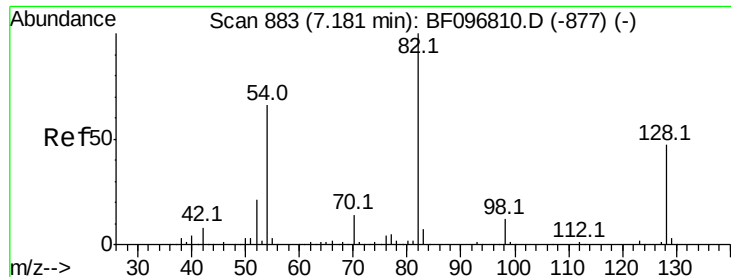
Lab File: BF096843.D

Acq: 18 Jul 2017 13:03

Tgt Ion: 136 Resp: 456375

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	9.4	4.9	7.3#
68	4.7	4.1	6.1

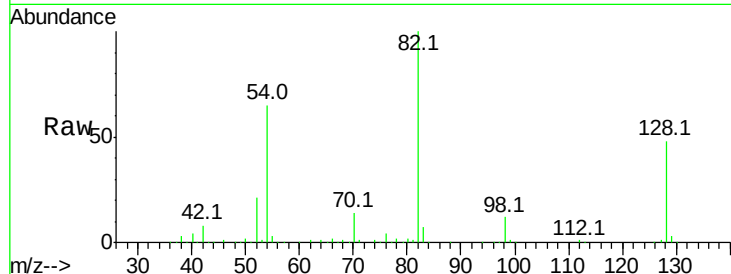




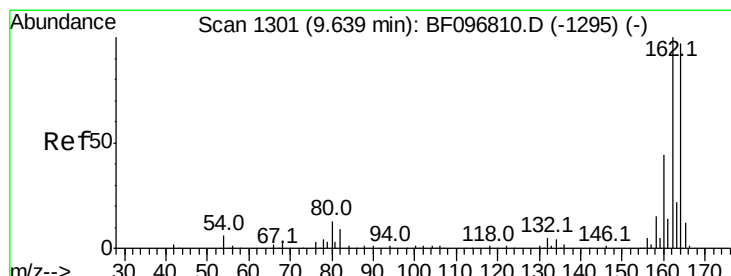
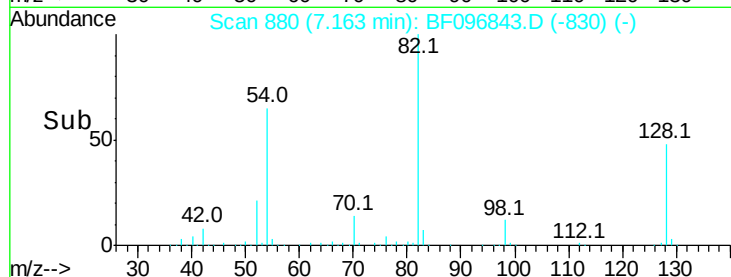
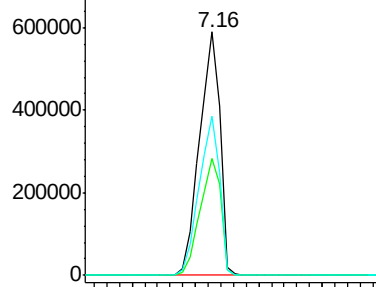
#23
Nitrobenzene-d5
Concen: 88.943 ng
RT: 7.16 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF096843.D
Acq: 18 Jul 2017 13:03

Instrument :
BNA_F
ClientSampleId :
DEC-03

Tot Ion: 82 Resp: 655328
Ion Ratio Lower Upper
82 100
128 47.8 34.0 51.0
54 65.2 42.2 63.2#

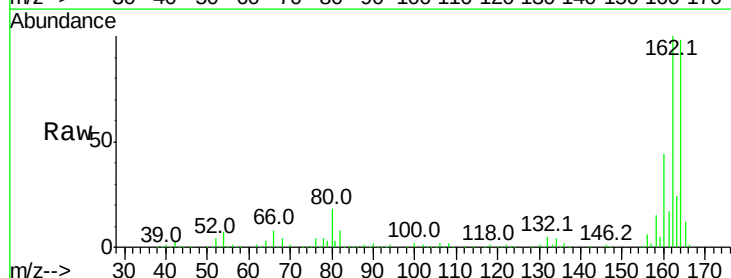


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

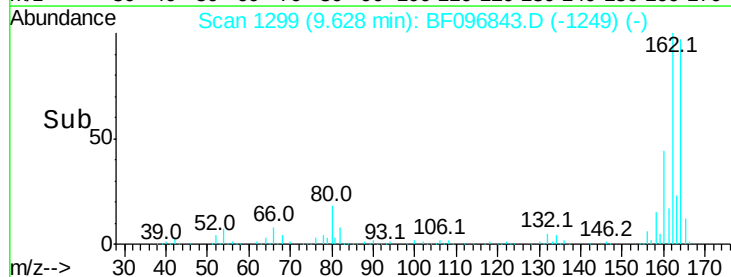
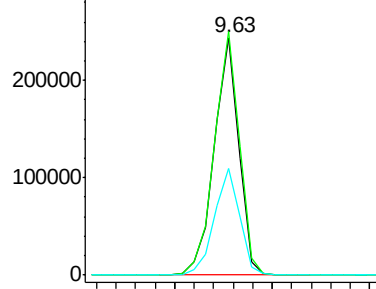


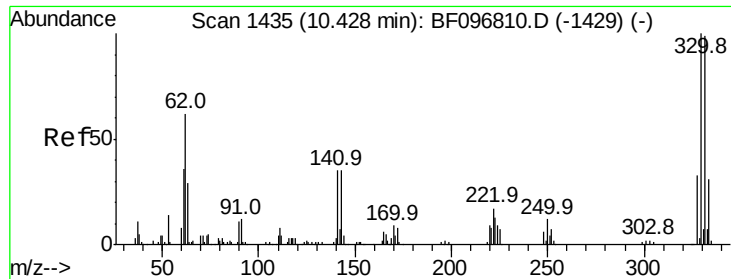
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096843.D
Acq: 18 Jul 2017 13:03

Tgt Ion:164 Resp: 212653
Ion Ratio Lower Upper
164 100
162 102.4 82.6 123.8
160 44.8 36.2 54.2



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

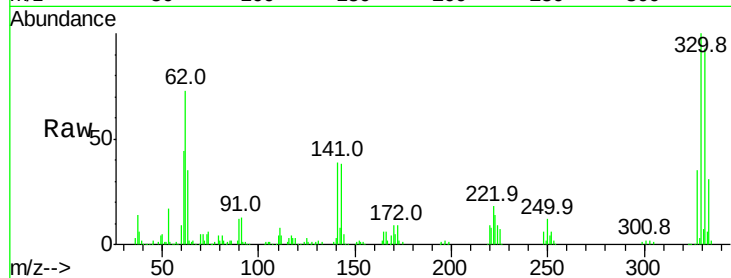




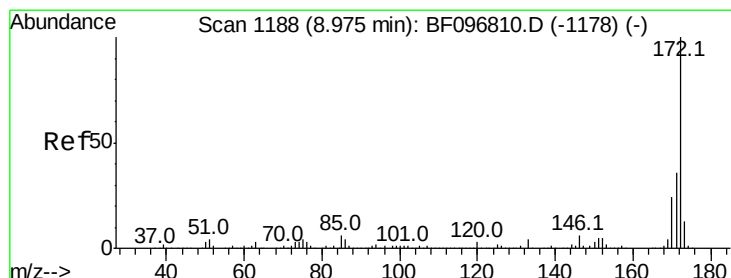
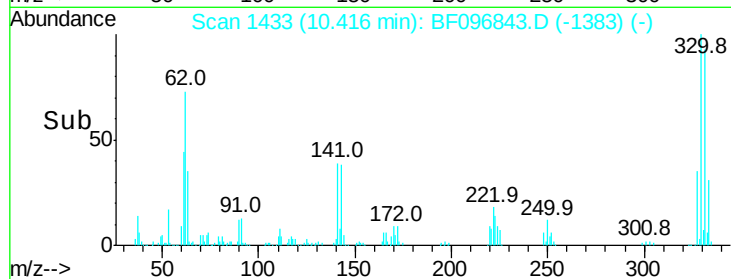
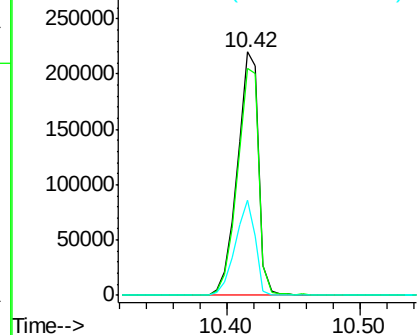
#41
 2,4,6-Tribromophenol
 Concen: 134.981 ng
 RT: 10.42 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096843.D
 Acq: 18 Jul 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 DEC-03

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	37.2	31.4	47.2

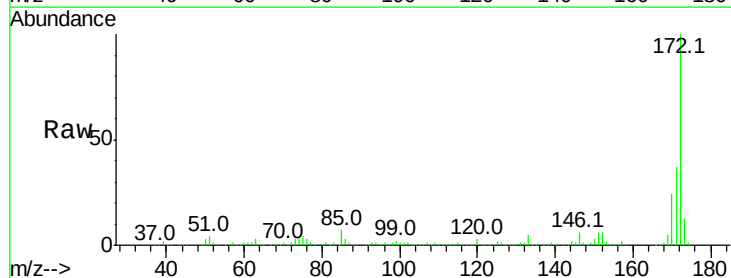


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

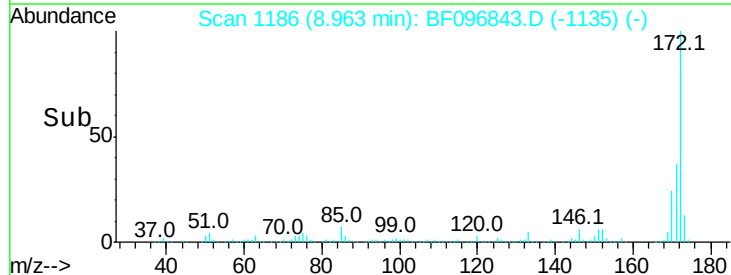
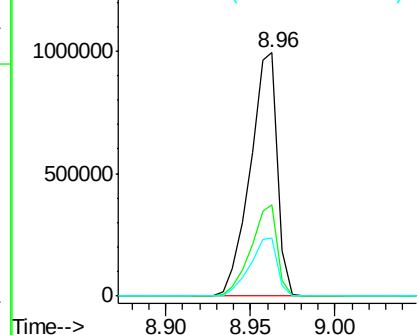


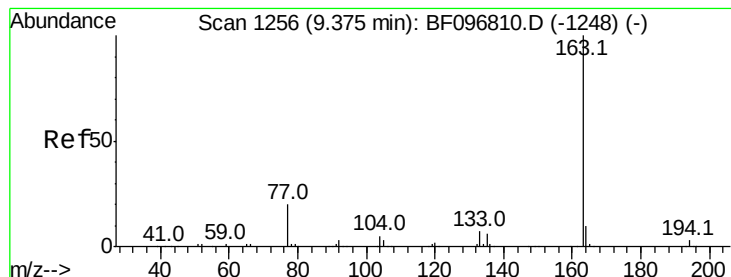
#44
 2-Fluorobiphenyl
 Concen: 83.177 ng
 RT: 8.96 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF096843.D
 Acq: 18 Jul 2017 13:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	24.1	19.8	29.8



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: 16.432 ng

RT: 9.35 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF096843.D

Acq: 18 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

DEC-03

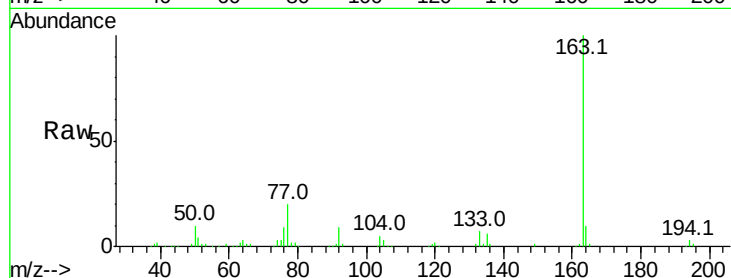
Tot Ion:163 Resp: 263104

Ion Ratio Lower Upper

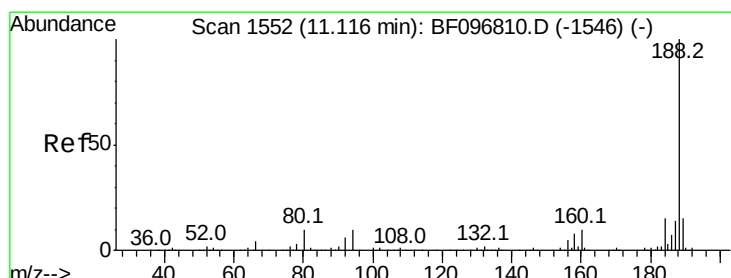
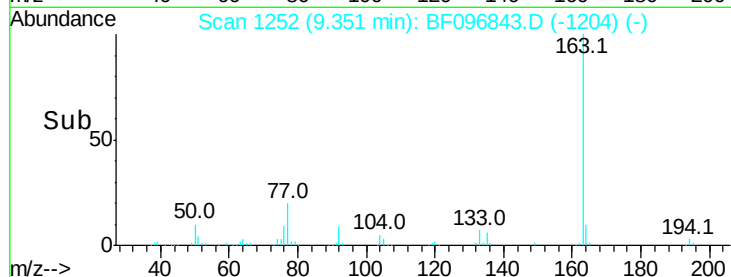
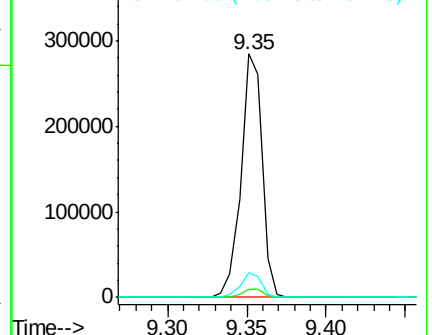
163 100

194 3.3 2.6 4.0

164 10.1 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF096843.D

Acq: 18 Jul 2017 13:03

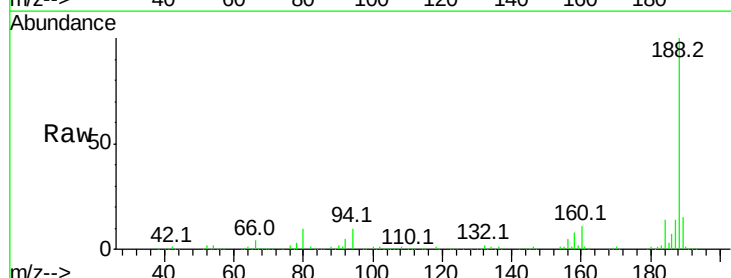
Tgt Ion:188 Resp: 375582

Ion Ratio Lower Upper

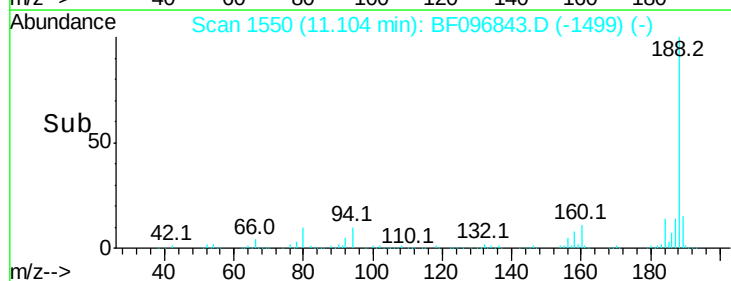
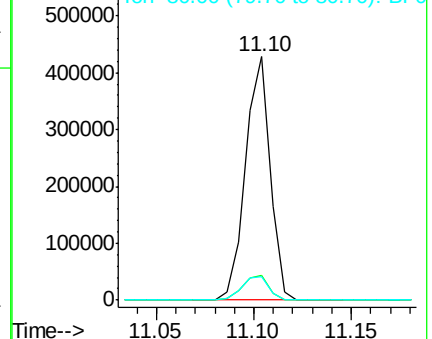
188 100

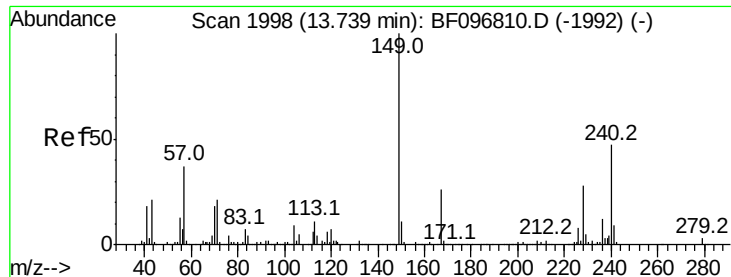
94 10.3 9.4 14.2

80 9.9 10.2 15.2#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF096843.D

Acq: 18 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

DEC-03

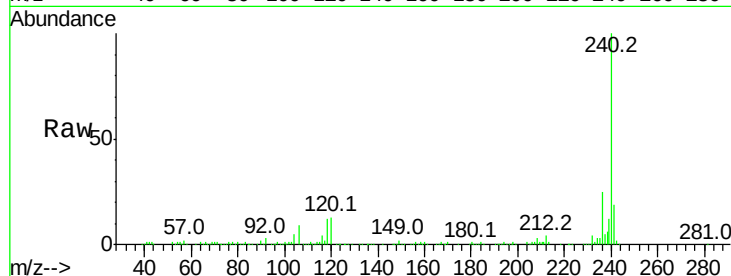
Tot Ion:240 Resp: 280133

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

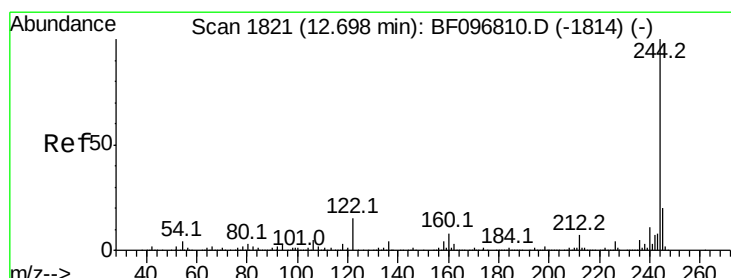
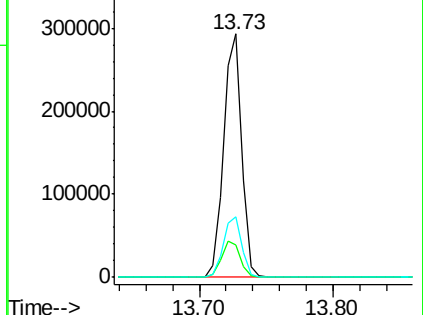
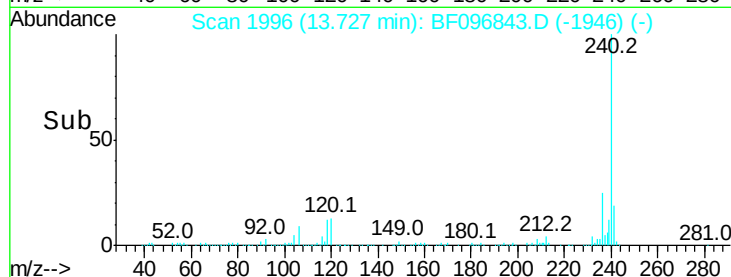
236 25.1 20.5 30.7



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: 57.088 ng

RT: 12.69 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BF096843.D

Acq: 18 Jul 2017 13:03

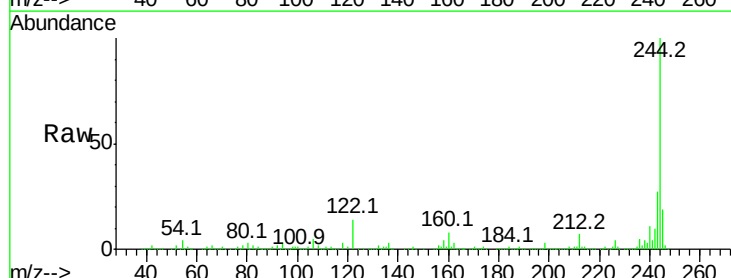
Tgt Ion:244 Resp: 922139

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

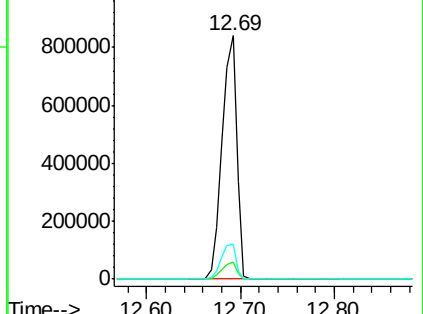
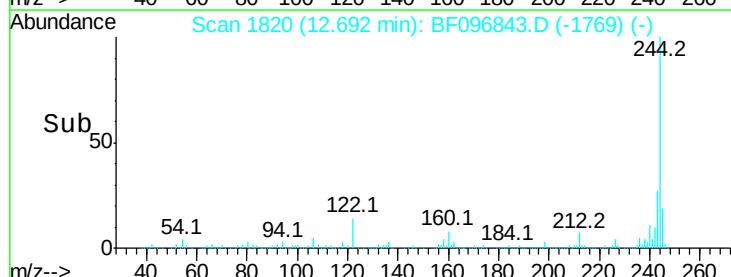
122 14.1 10.3 15.5

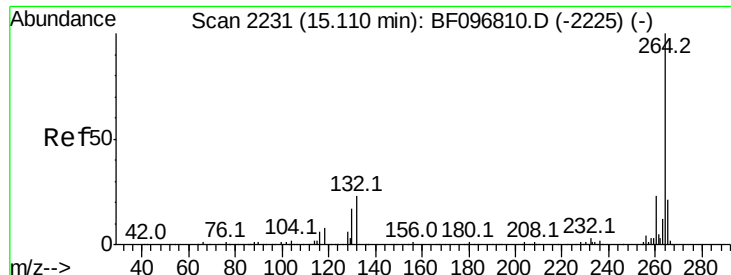


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

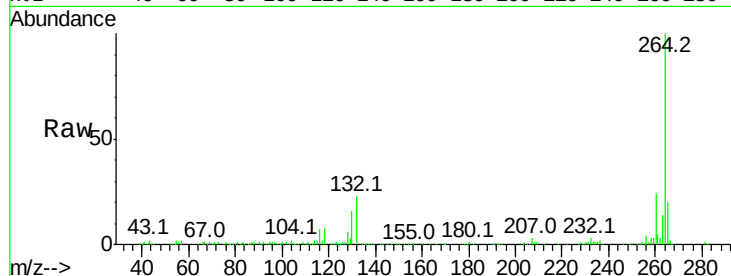




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.10 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF096843.D
 Acq: 18 Jul 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 DEC-03

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.4	17.2	25.8



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

