

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
 Data File : BF098206.D
 Acq On : 31 Aug 2017 20:40
 Operator : SJ/JU
 Sample : I4963-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3837-DB

Quant Time: Sep 01 03:59:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

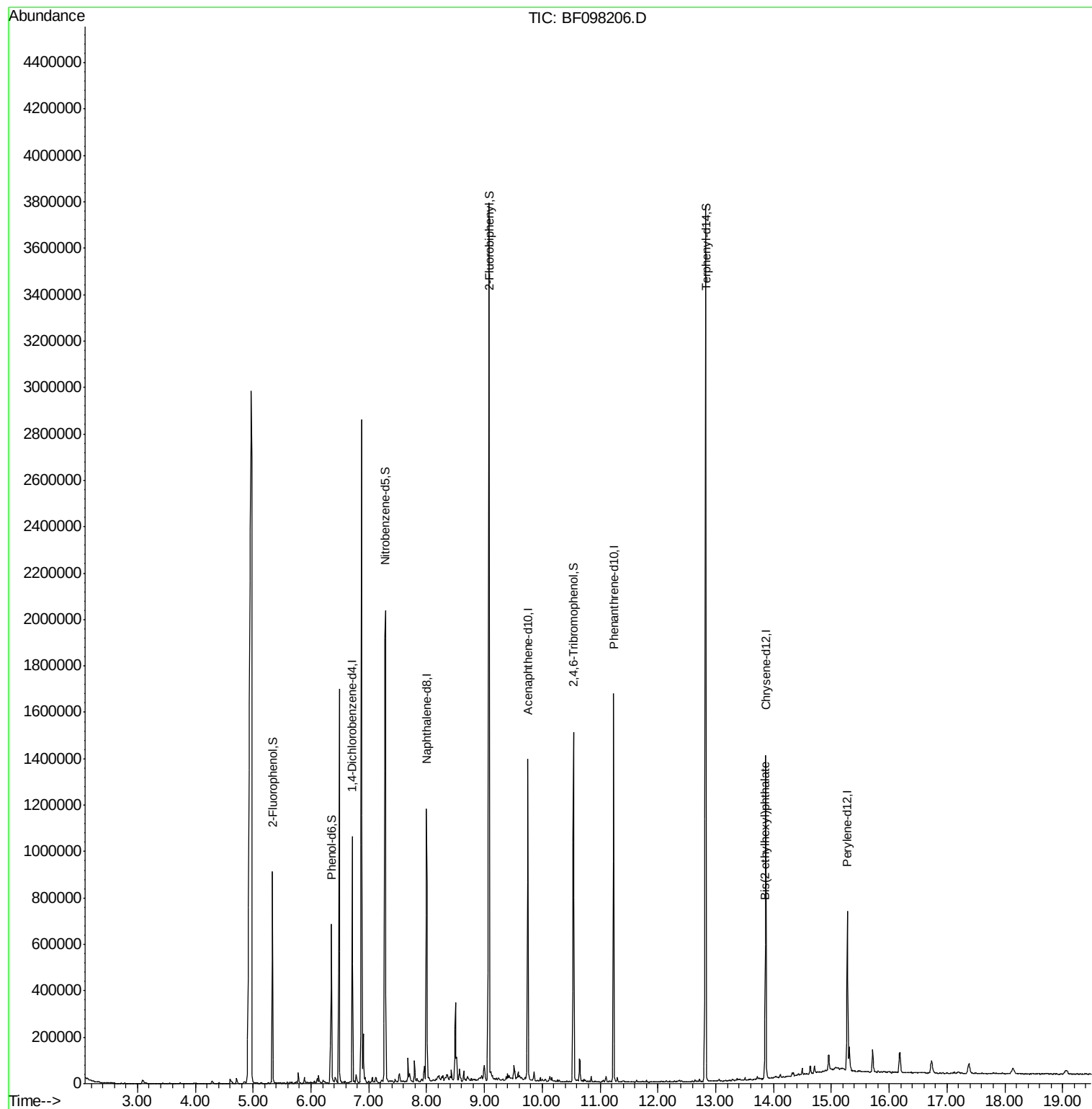
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137516	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	566952	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	278582	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	581010	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	457919	20.00	ng	-0.03
86) Perylene-d12	15.28	264	296462	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	228101	25.23	ng	-0.02
7) Phenol-d6	6.35	99	215768	17.57	ng	-0.04
23) Nitrobenzene-d5	7.29	82	906032	86.81	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	167817	69.43	ng	-0.04
44) 2-Fluorobiphenyl	9.08	172	1418734	74.82	ng	-0.03
78) Terphenyl-d14	12.83	244	1495290	68.09	ng	-0.02
Target Compounds						Qvalue
83) Bis(2-ethylhexyl)phthalate	13.85	149	44108	2.772	ng	98

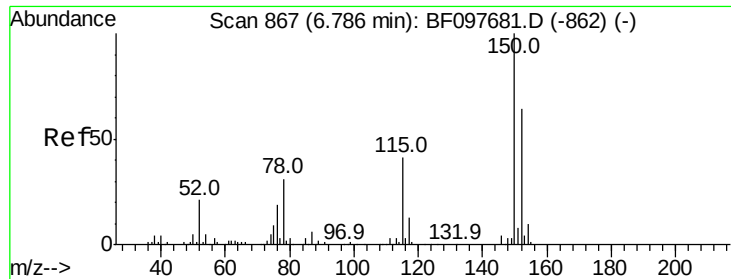
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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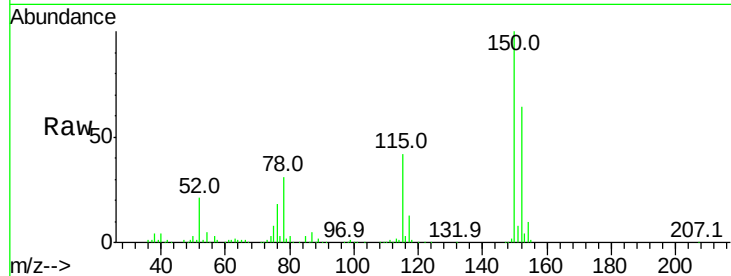


#1

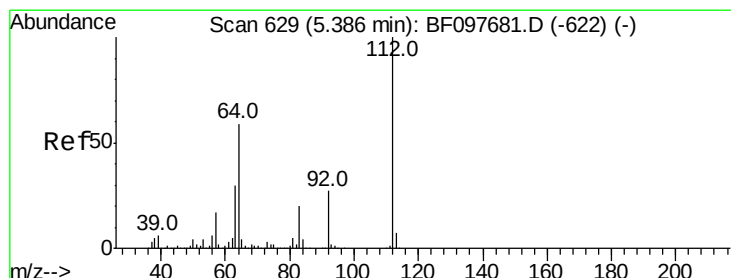
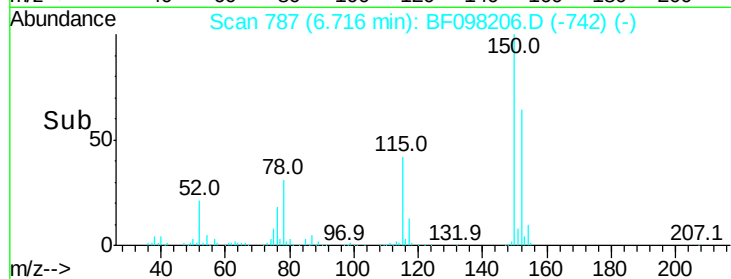
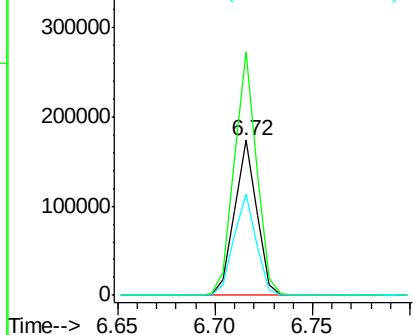
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.04 min
Lab File: BF098206.D
Acq: 31 Aug 2017 20:40

Instrument :
BNA_F
ClientSampleId :
3837-DB

Tot Ion:152 Resp: 137516
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 65.2 52.2 78.2



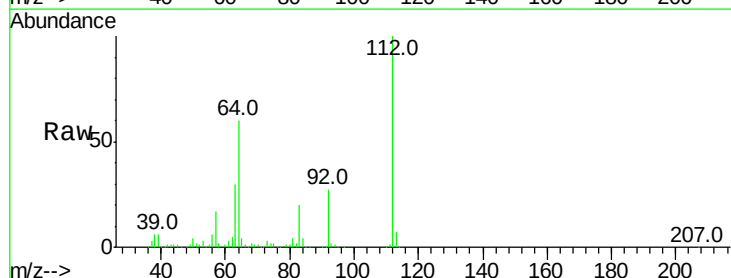
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



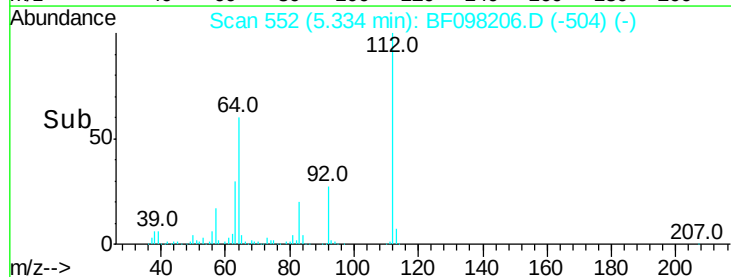
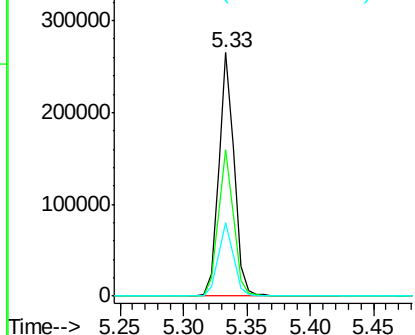
#5

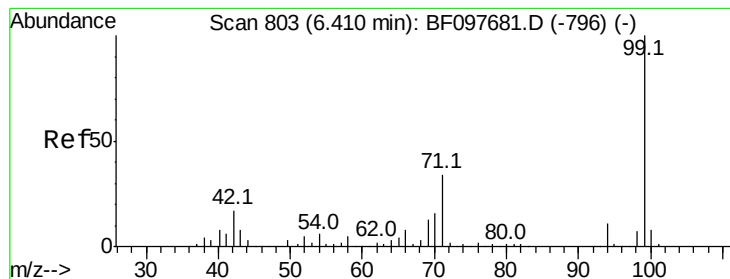
2-Fluorophenol
Concen: 25.230 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF098206.D
Acq: 31 Aug 2017 20:40

Tgt Ion:112 Resp: 228101
Ion Ratio Lower Upper
112 100
64 60.2 46.0 69.0
63 30.3 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: 17.565 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.04 min

Lab File: BF098206.D

Acq: 31 Aug 2017 20:40

Instrument :

BNA_F

ClientSampleId :

3837-DB

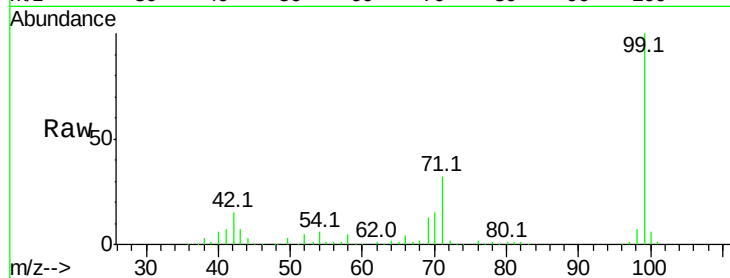
Tot Ion: 99 Resp: 215768

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

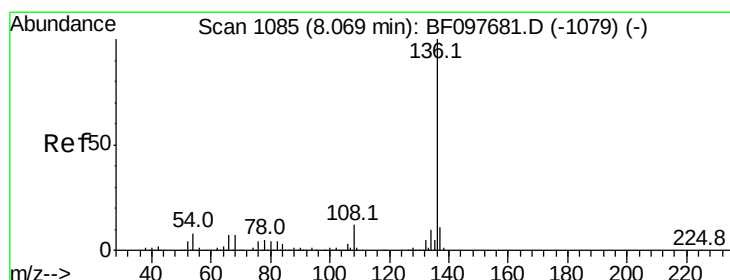
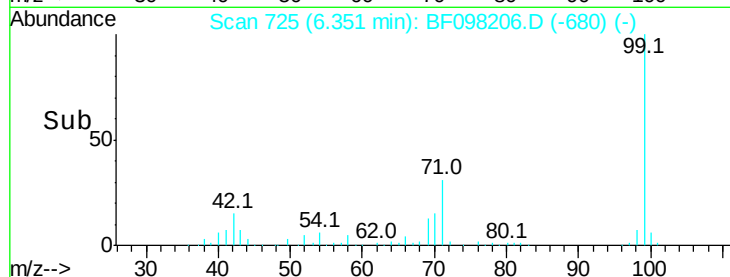
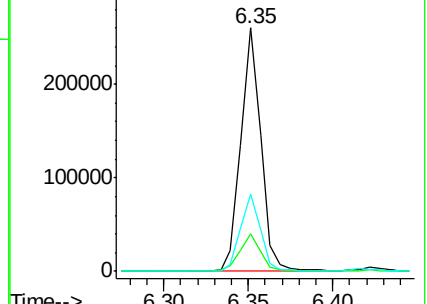
71 31.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.04 min

Lab File: BF098206.D

Acq: 31 Aug 2017 20:40

Tgt Ion: 136 Resp: 566952

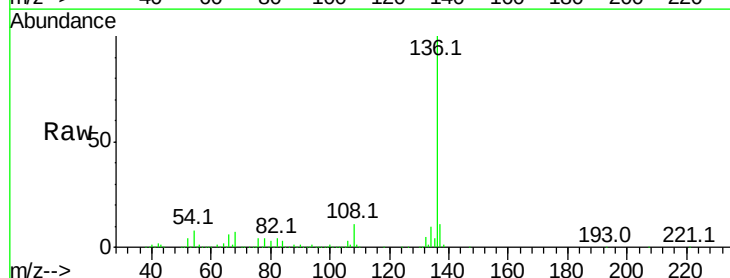
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.9 4.9 7.3#

68 7.5 4.1 6.1#

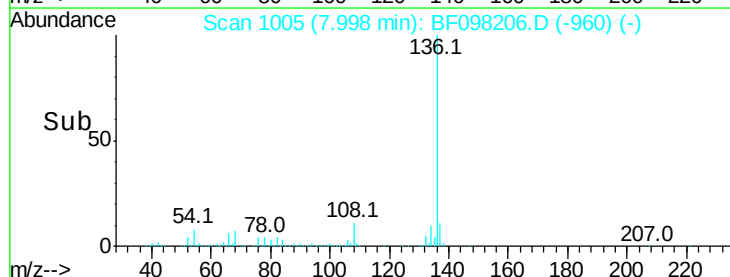
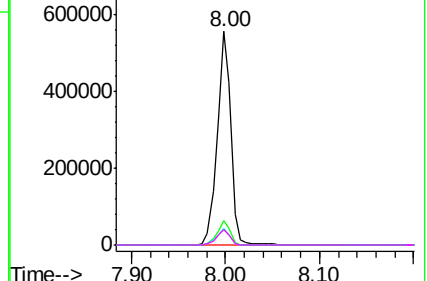


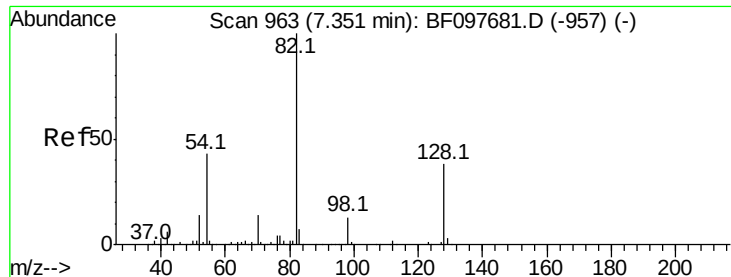
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

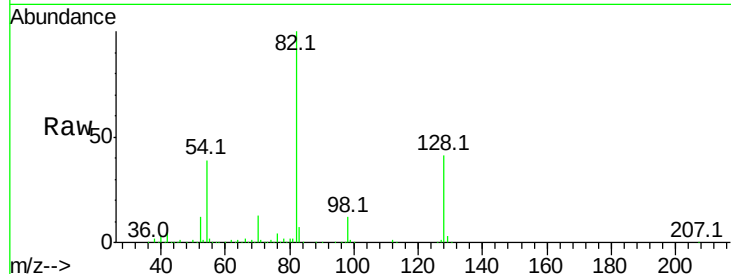




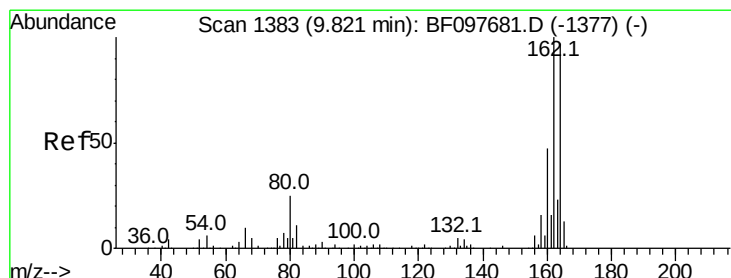
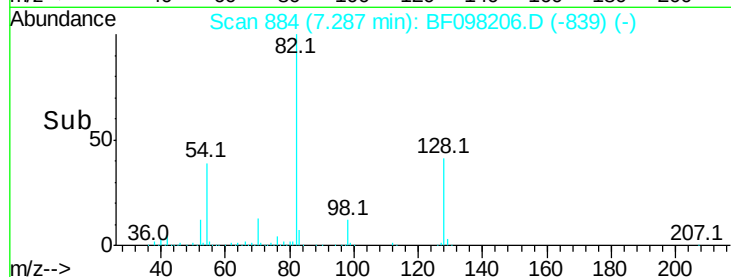
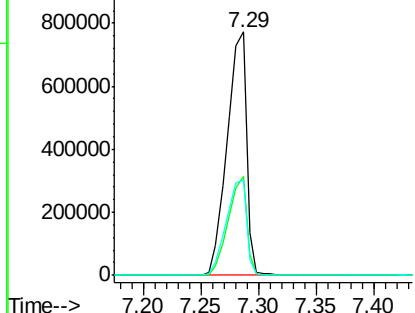
#23
 Nitrobenzene-d5
 Concen: 86.815 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF098206.D
 Acq: 31 Aug 2017 20:40

Instrument :
 BNA_F
 ClientSampleId :
 3837-DB

Tot Ion: 82 Resp: 906032
 Ion Ratio Lower Upper
 82 100
 128 40.6 34.0 51.0
 54 39.2 42.2 63.2#

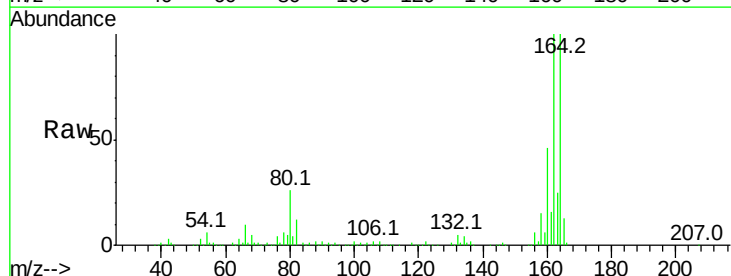


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

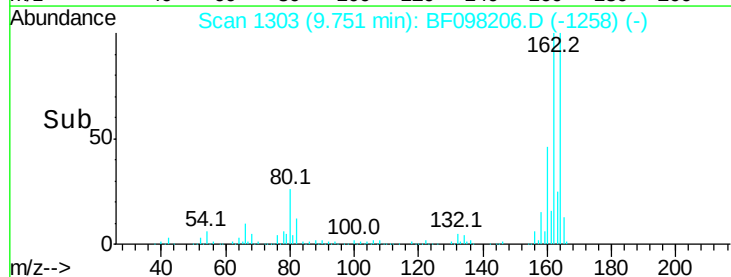
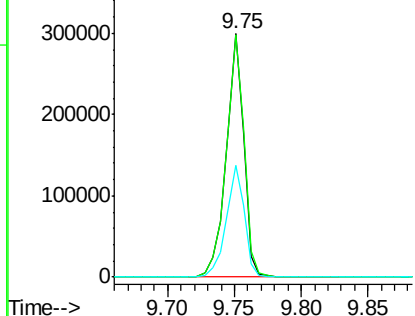


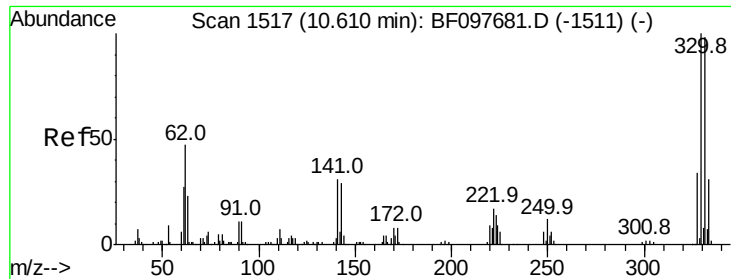
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.04 min
 Lab File: BF098206.D
 Acq: 31 Aug 2017 20:40

Tgt Ion:164 Resp: 278582
 Ion Ratio Lower Upper
 164 100
 162 99.6 82.6 123.8
 160 45.7 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

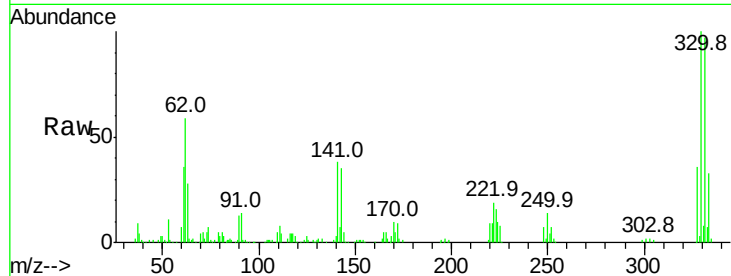




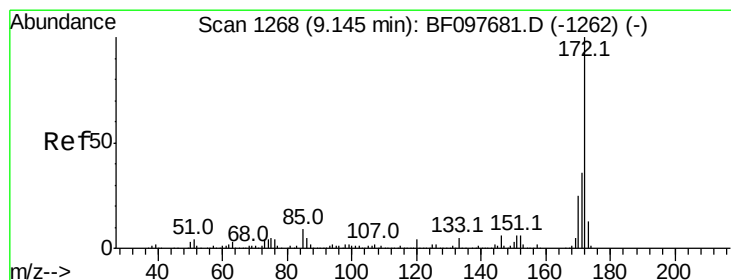
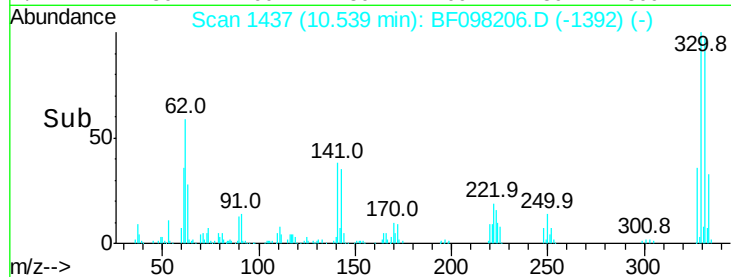
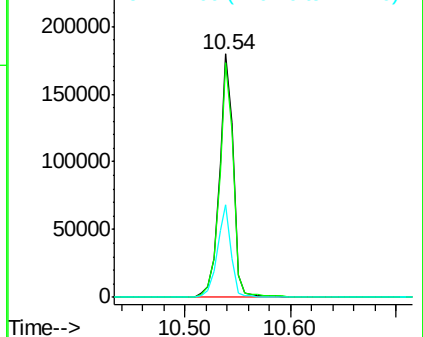
#41
 2,4,6-Tribromophenol
 Concen: 69.428 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.04 min
 Lab File: BF098206.D
 Acq: 31 Aug 2017 20:40

Instrument :
 BNA_F
 ClientSampleID :
 3837-DB

Tot Ion:330 Resp: 167817
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 38.1 31.4 47.2

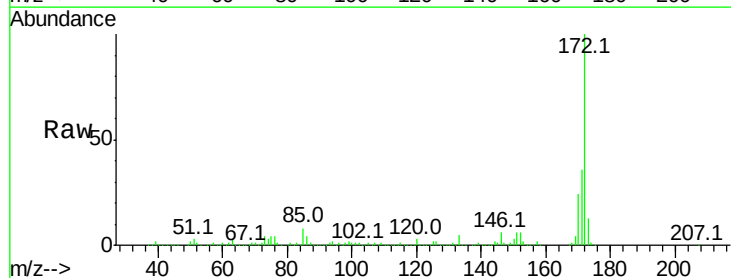


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

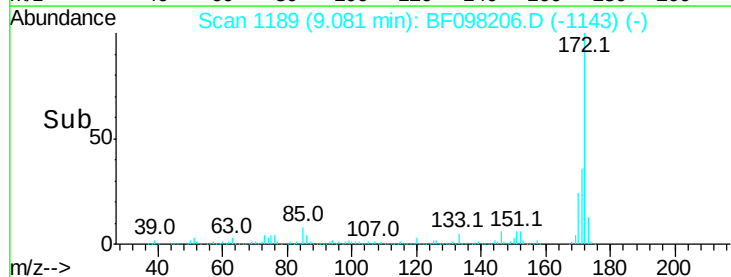
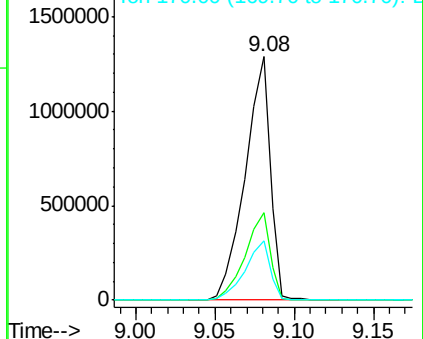


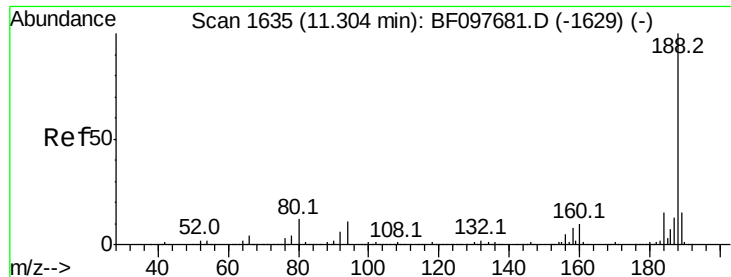
#44
 2-Fluorobiphenyl
 Concen: 74.822 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098206.D
 Acq: 31 Aug 2017 20:40

Tgt Ion:172 Resp: 1418734
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.2 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.03 min

Lab File: BF098206.D

Acq: 31 Aug 2017 20:40

Instrument :

BNA_F

ClientSampleId :

3837-DB

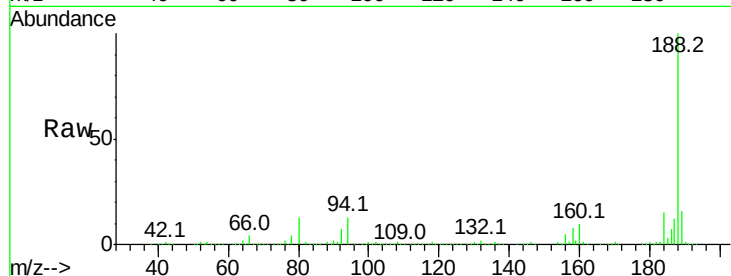
Tot Ion:188 Resp: 581010

Ion Ratio Lower Upper

188 100

94 12.7 9.4 14.2

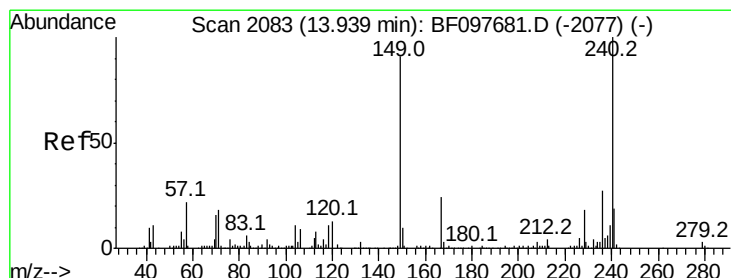
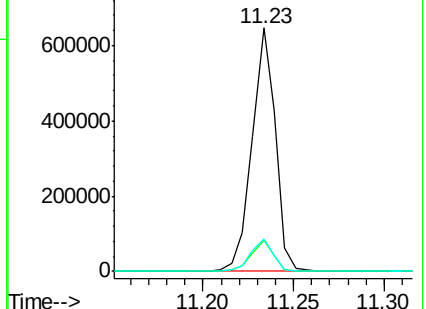
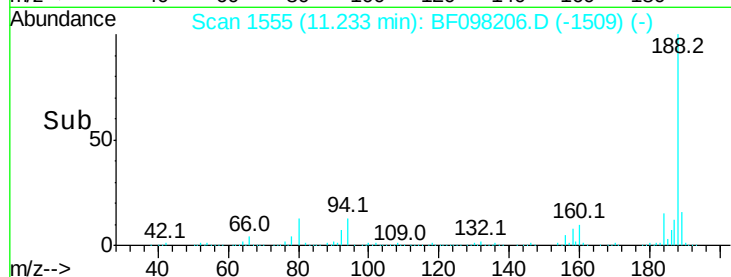
80 13.3 10.2 15.2



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: 13.87 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF098206.D

Acq: 31 Aug 2017 20:40

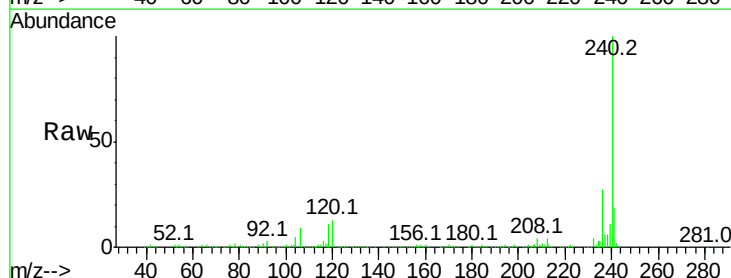
Tgt Ion:240 Resp: 457919

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

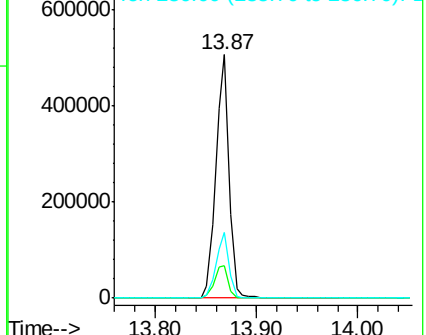
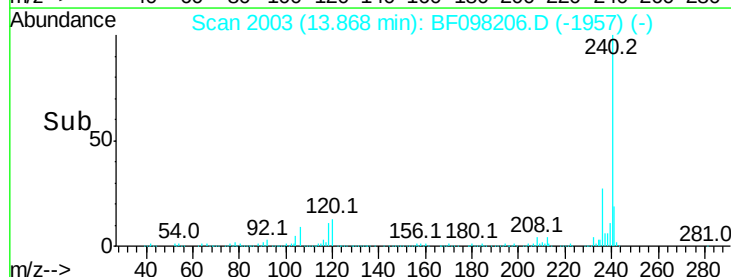
236 26.9 20.5 30.7

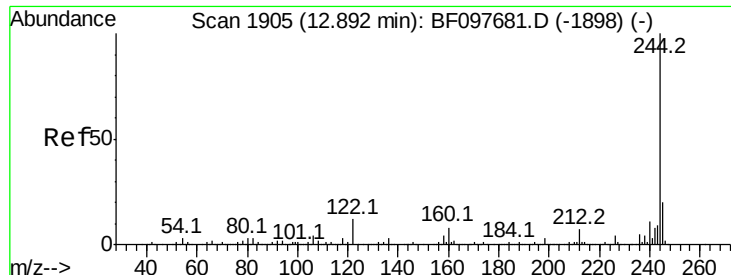


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.095 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF098206.D

Acq: 31 Aug 2017 20:40

Instrument :

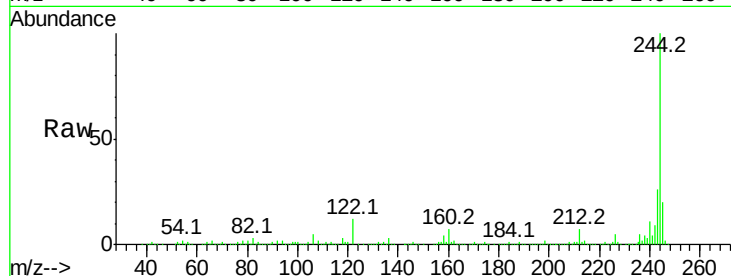
BNA_F

ClientSampleId :

3837-DB

Tot Ion:244 Resp: 1495290

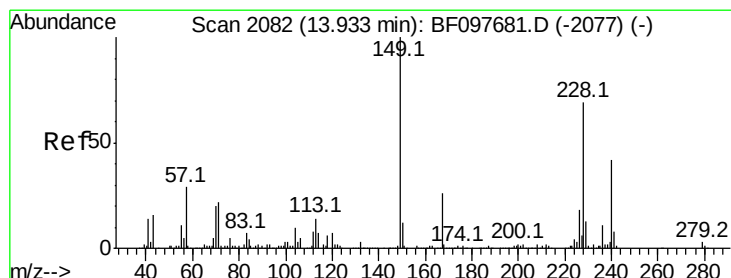
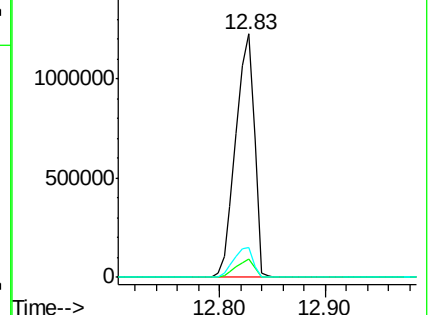
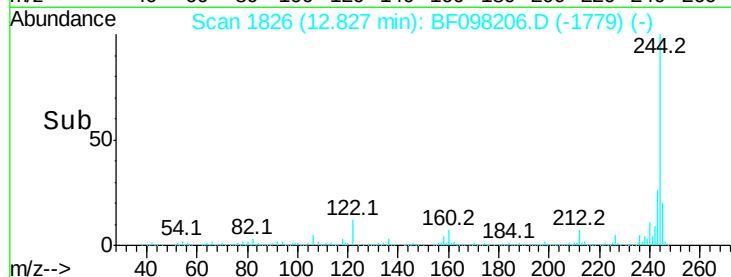
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.1	10.3	15.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.772 ng

RT: 13.85 min Scan# 2000

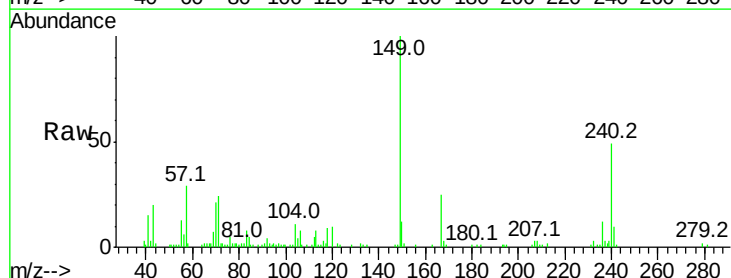
Delta R.T. -0.04 min

Lab File: BF098206.D

Acq: 31 Aug 2017 20:40

Tgt Ion:149 Resp: 44108

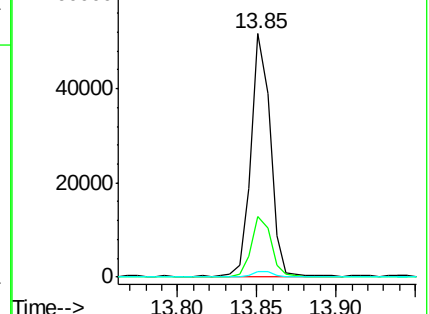
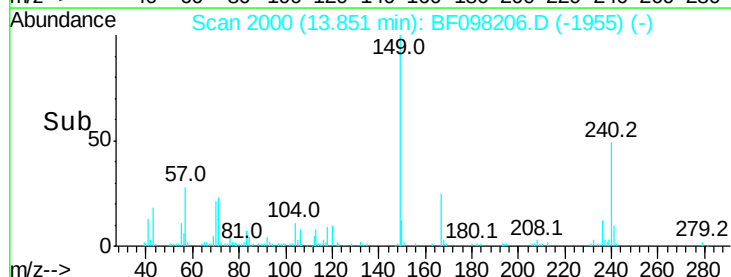
Ion	Ratio	Lower	Upper
149	100		
167	25.1	21.0	31.4
279	2.3	1.9	2.9

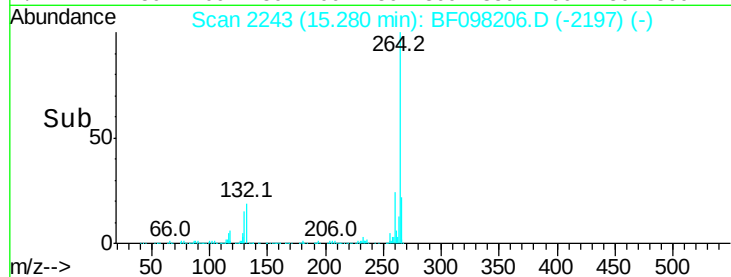
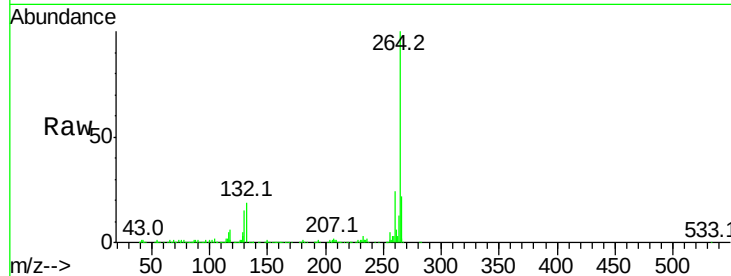
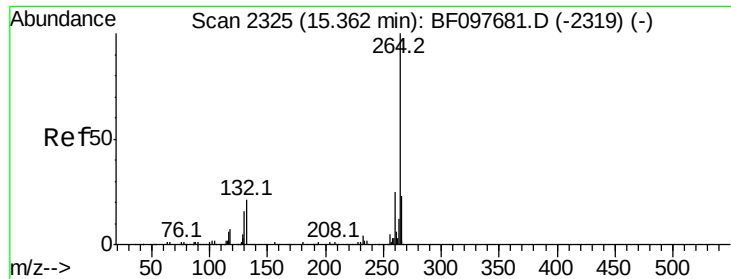


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.03 min
Lab File: BF098206.D
Acq: 31 Aug 2017 20:40

Instrument :
BNA_F
ClientSampleId :
3837-DB

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.5	17.2	25.8

