

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097199.D
 Acq On : 29 Jul 2017 12:47
 Operator : SJ/JU
 Sample : I4465-03RE
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-072617-ARE

Quant Time: Jul 31 04:06:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	83427	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	392429	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	121344	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	200310	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	179163	20.00	ng	-0.02
86) Perylene-d12	14.96	264	120489	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	785768	141.98	ng	0.00
7) Phenol-d6	6.16	99	810580	128.30	ng	-0.01
23) Nitrobenzene-d5	7.05	82	449154	67.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	121469	126.70	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	751340	105.08	ng	-0.02
78) Terphenyl-d14	12.57	244	603578	68.69	ng	-0.01

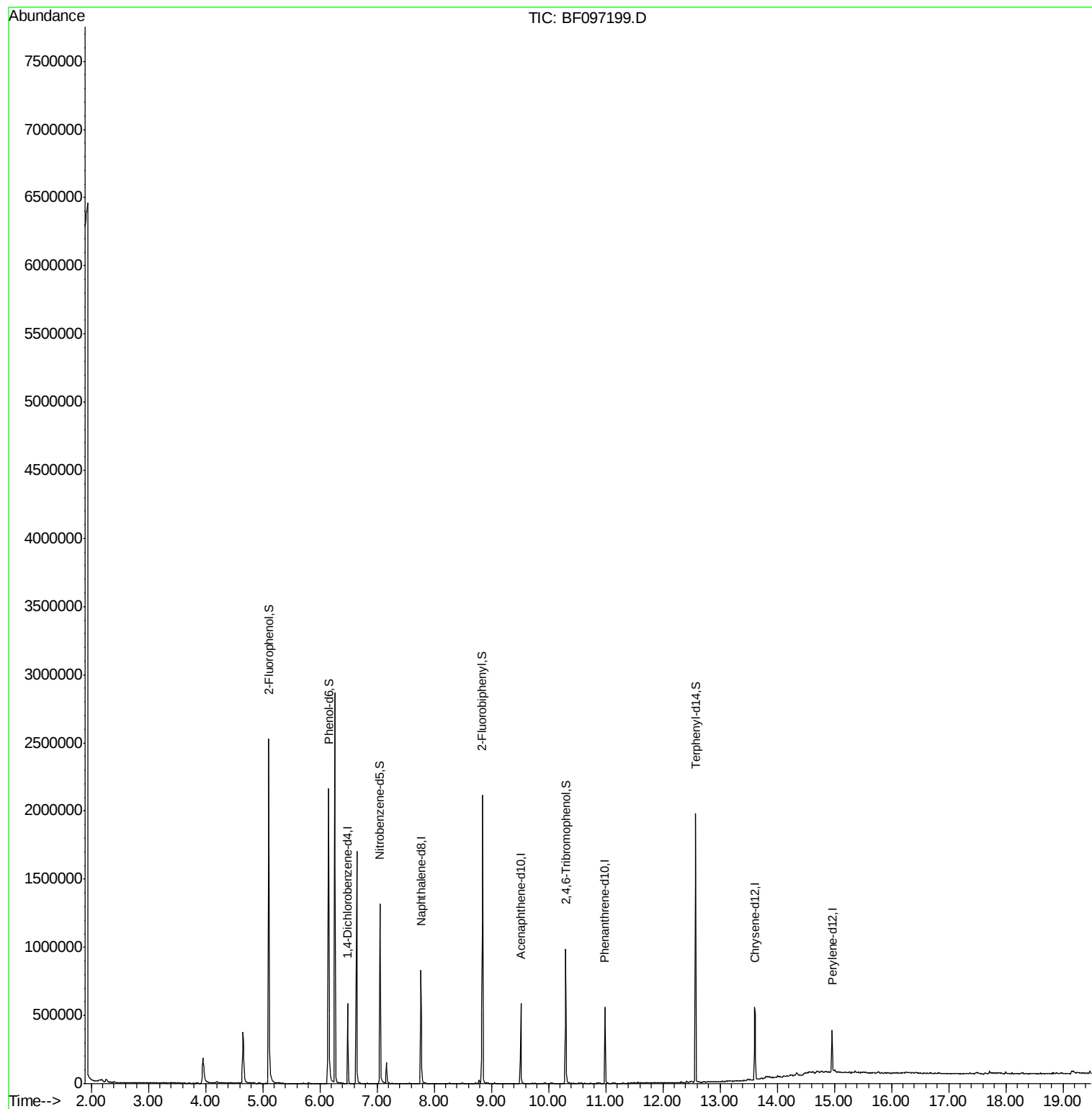
Target Compounds Qvalue

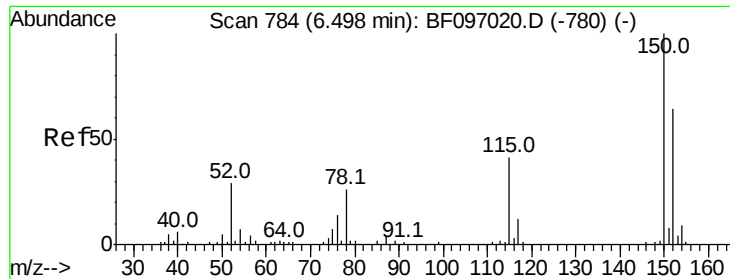
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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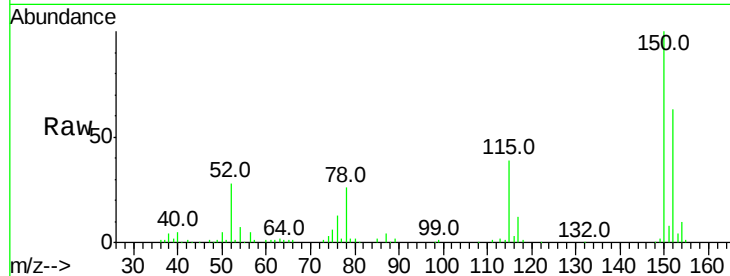


#1

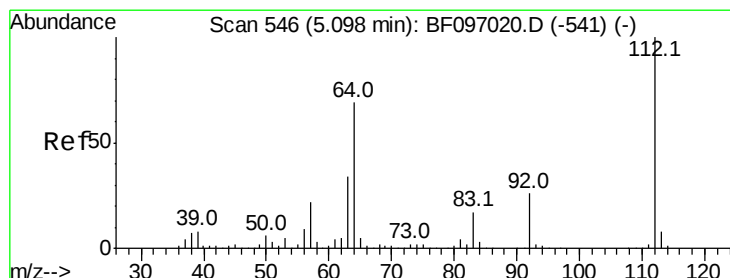
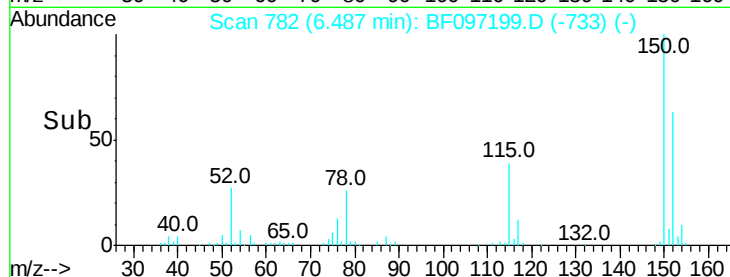
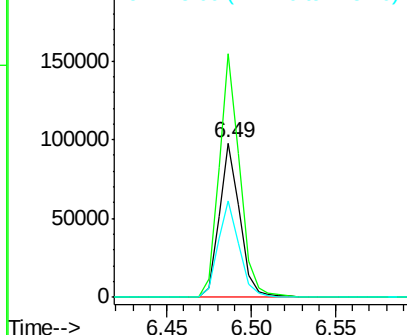
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097199.D
Acq: 29 Jul 2017 12:47

Instrument :
BNA_F
ClientSampleId :
OK-03-072617-ARE

Tot Ion:152 Resp: 83427
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 62.1 52.2 78.2



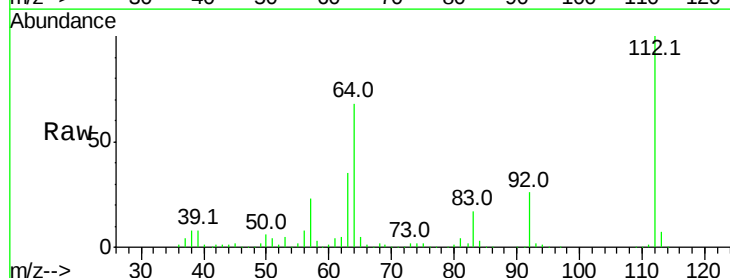
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



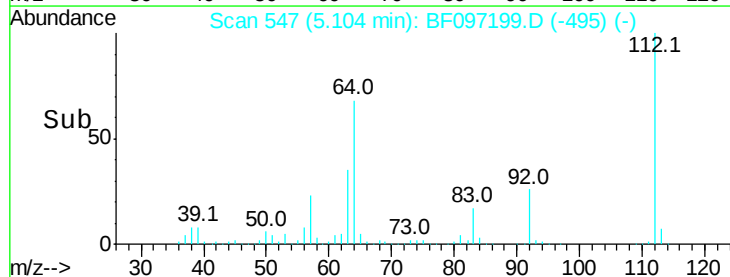
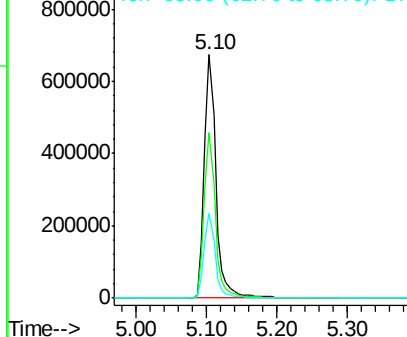
#5

2-Fluorophenol
Concen: 141.985 ng
RT: 5.10 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF097199.D
Acq: 29 Jul 2017 12:47

Tgt Ion:112 Resp: 785768
Ion Ratio Lower Upper
112 100
64 68.1 46.0 69.0
63 34.8 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: 128.299 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097199.D

Acq: 29 Jul 2017 12:47

Instrument :

BNA_F

ClientSampleId :

OK-03-072617-ARE

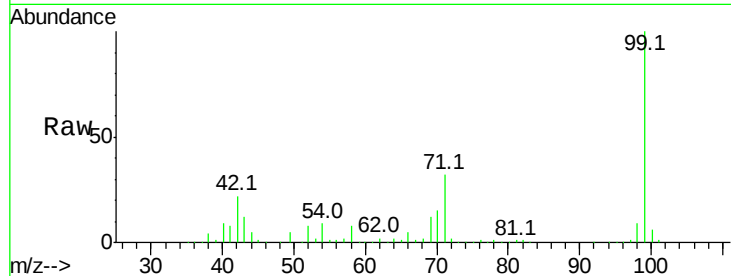
Tot Ion: 99 Resp: 810580

Ion Ratio Lower Upper

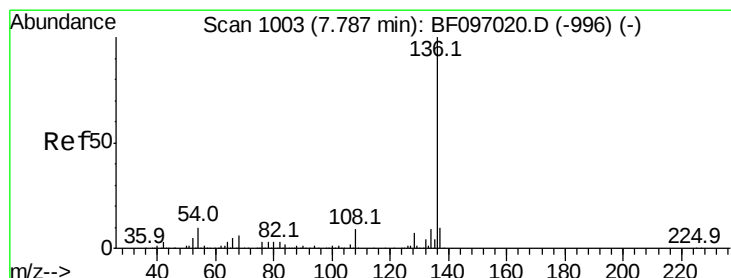
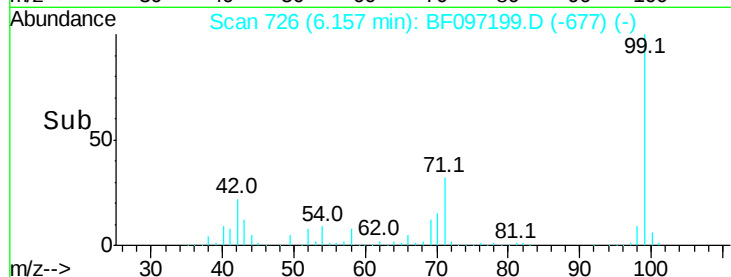
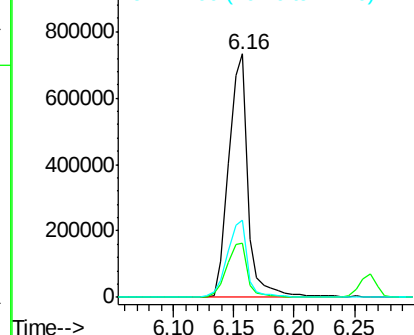
99 100

42 22.3 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: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097199.D

Acq: 29 Jul 2017 12:47

Tgt Ion: 136 Resp: 392429

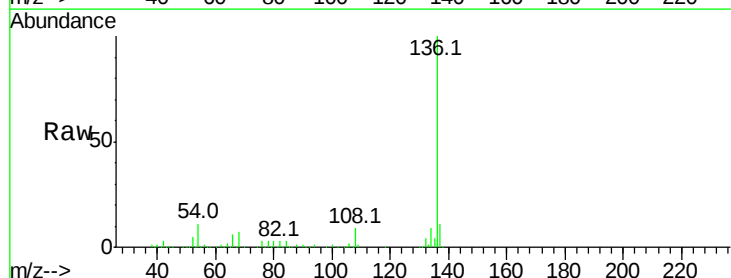
Ion Ratio Lower Upper

136 100

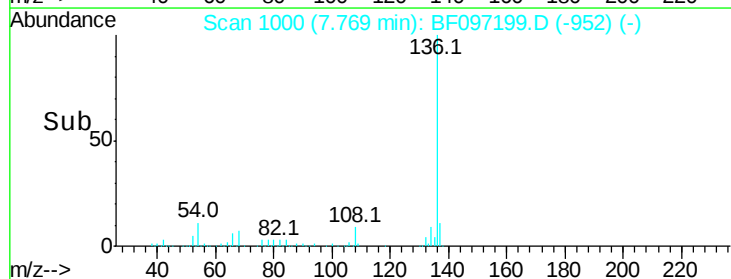
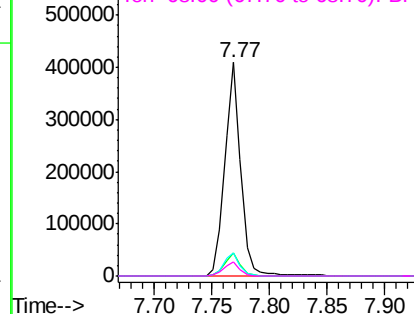
137 10.7 8.5 12.7

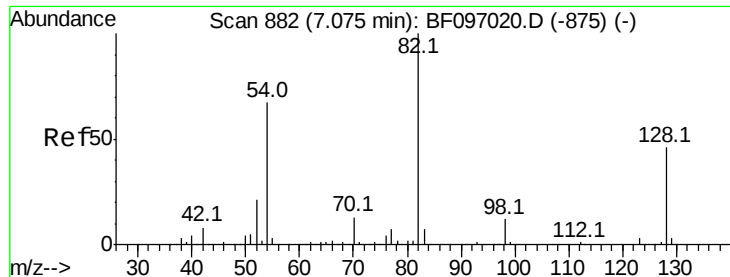
54 10.9 4.9 7.3#

68 6.7 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

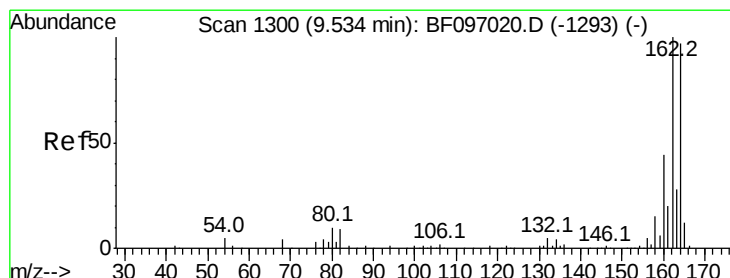
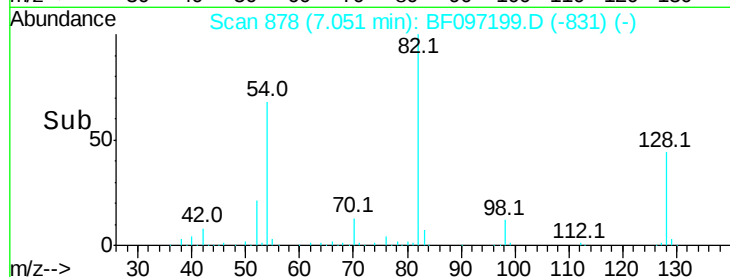
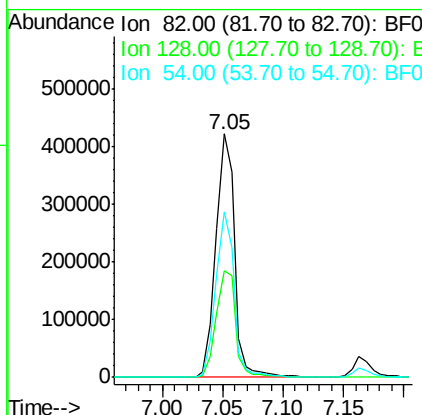
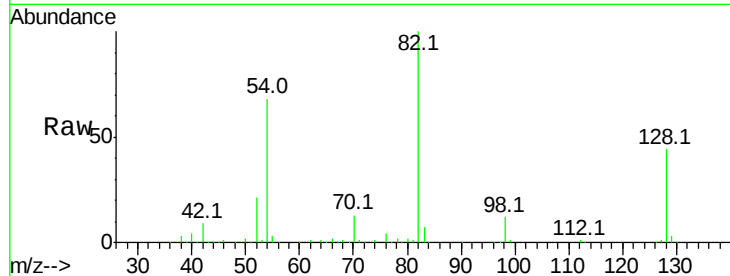




#23
 Nitrobenzene-d5
 Concen: 67.144 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF097199.D
 Acq: 29 Jul 2017 12:47

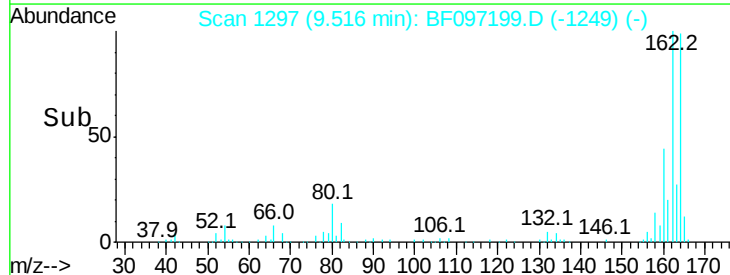
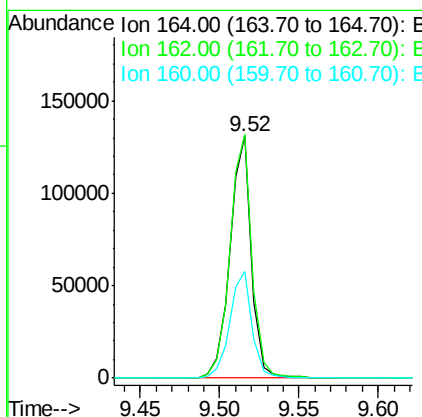
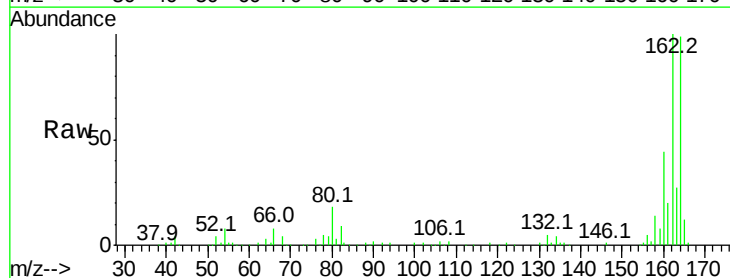
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-072617-ARE

Tot Ion: 82 Resp: 449154
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.0 51.0
 54 67.7 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097199.D
 Acq: 29 Jul 2017 12:47

Tgt Ion:164 Resp: 121344
 Ion Ratio Lower Upper
 164 100
 162 100.5 82.6 123.8
 160 43.9 36.2 54.2

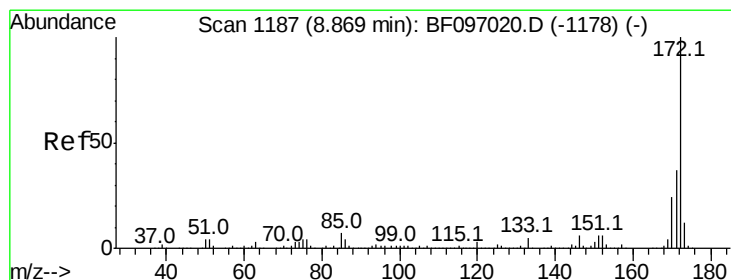
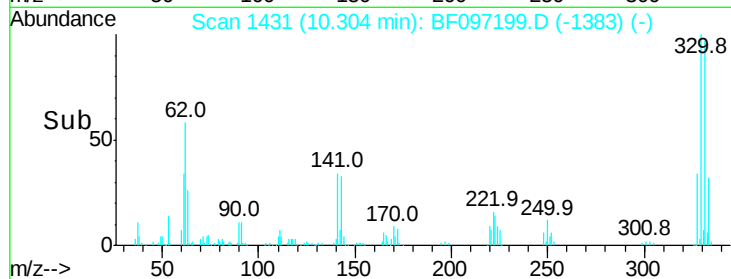
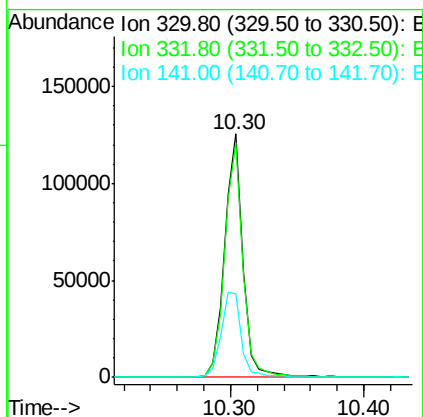
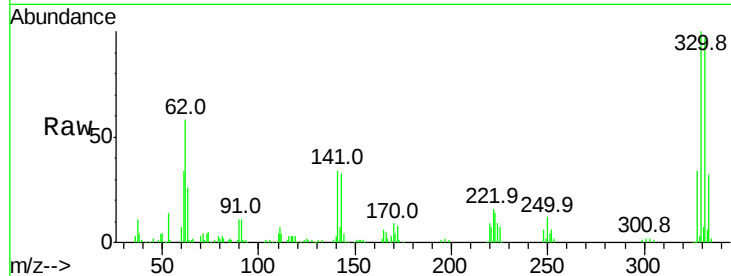




#41
 2,4,6-Tribromophenol
 Concen: 126.697 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097199.D
 Acq: 29 Jul 2017 12:47

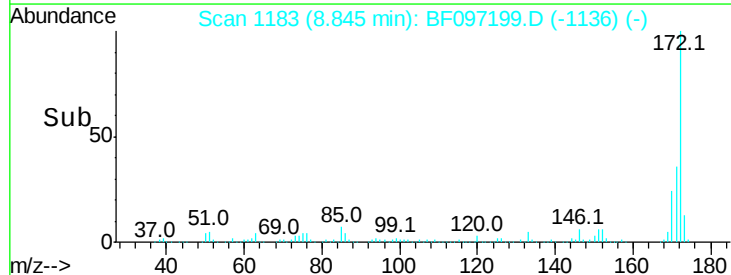
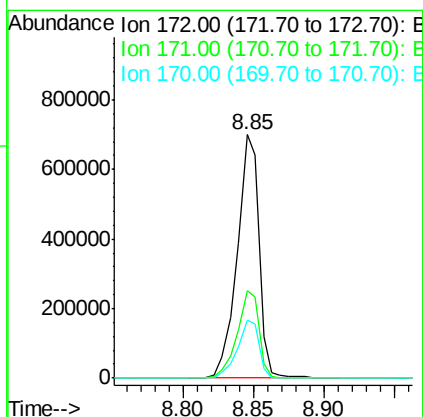
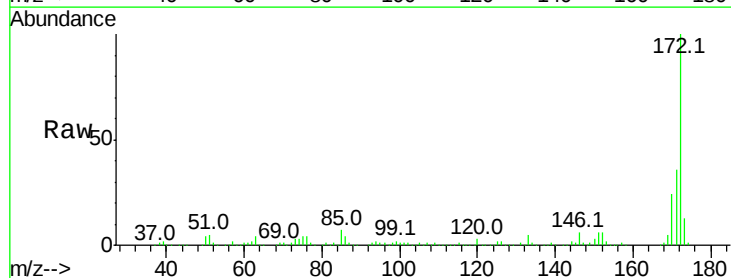
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-072617-ARE

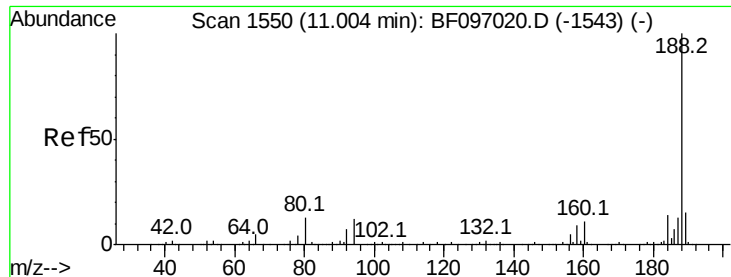
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	39.1	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 105.081 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF097199.D
 Acq: 29 Jul 2017 12:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.0	19.8	29.8

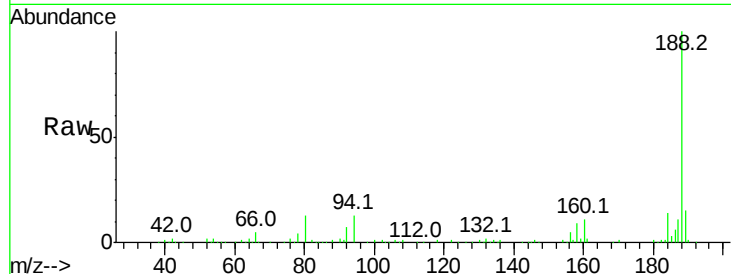




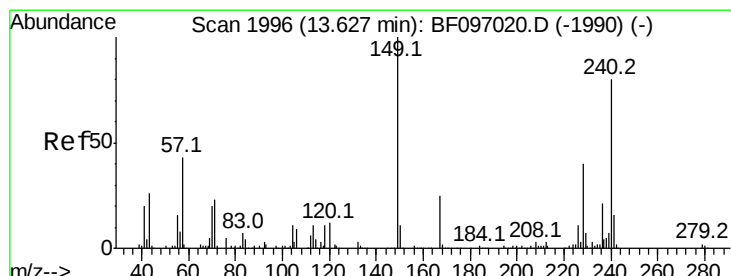
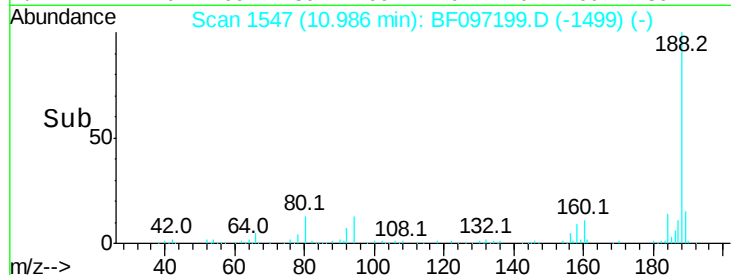
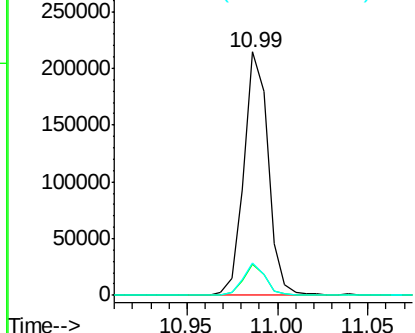
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097199.D
Acq: 29 Jul 2017 12:47

Instrument :
BNA_F
ClientSampleId :
OK-03-072617-ARE

Tot Ion:188 Resp: 200310
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 13.4 10.2 15.2

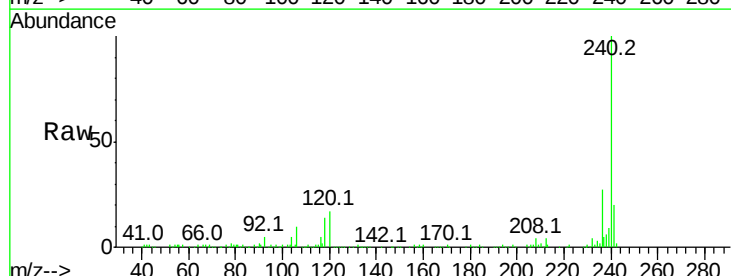


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

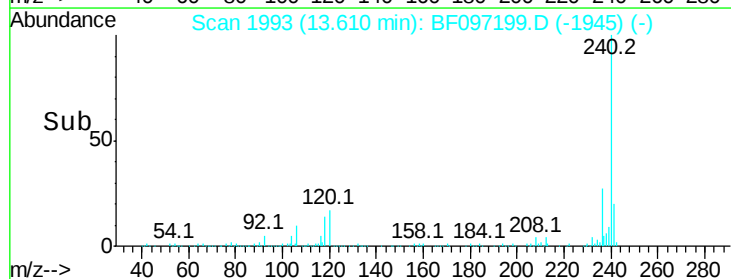
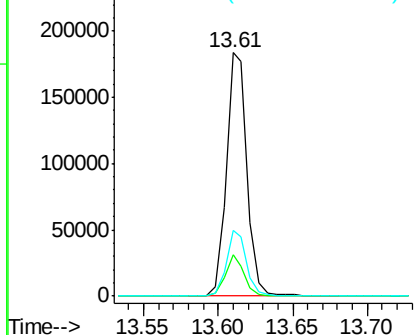


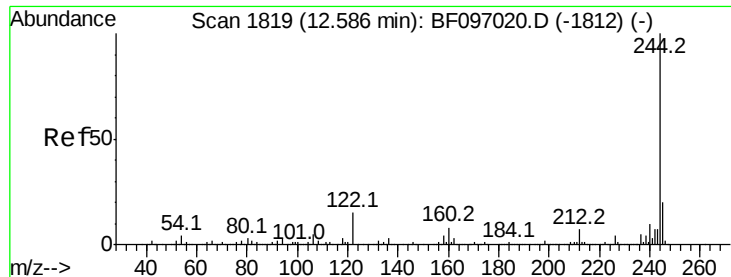
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097199.D
Acq: 29 Jul 2017 12:47

Tgt Ion:240 Resp: 179163
Ion Ratio Lower Upper
240 100
120 16.9 5.8 8.8#
236 27.0 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: 68.686 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097199.D

Acq: 29 Jul 2017 12:47

Instrument :

BNA_F

ClientSampleId :

OK-03-072617-ARE

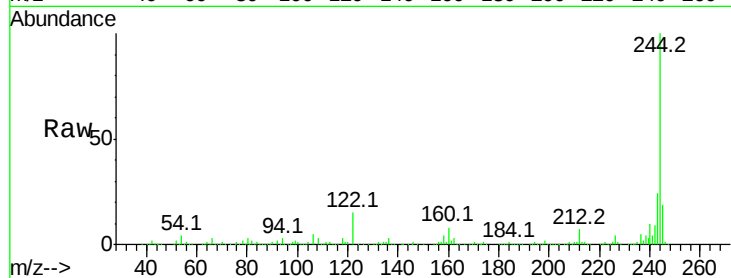
Tot Ion:244 Resp: 603578

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

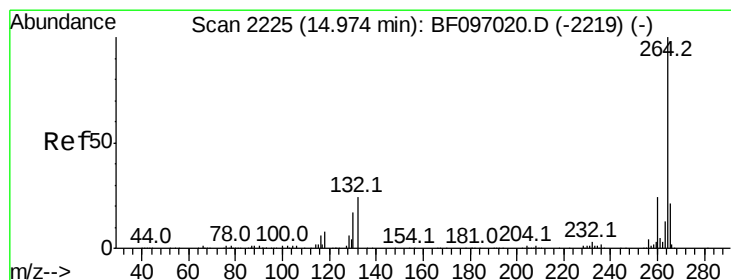
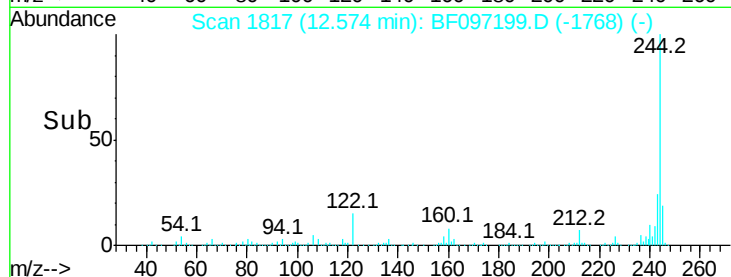
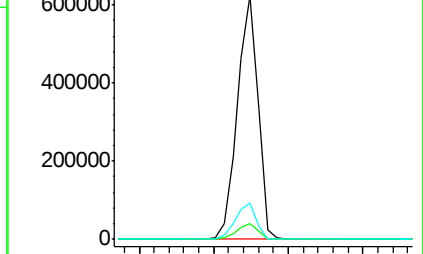
122 14.9 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 14.96 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF097199.D

Acq: 29 Jul 2017 12:47

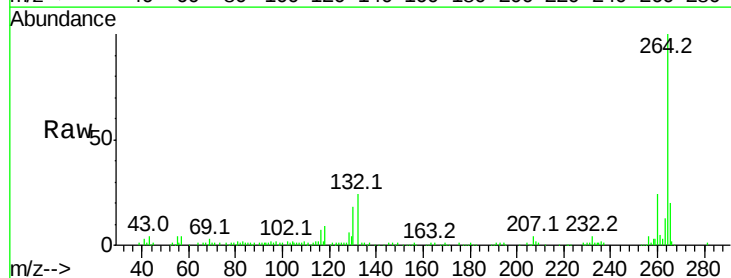
Tgt Ion:264 Resp: 120489

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 20.3 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

