

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097428.D
 Acq On : 7 Aug 2017 14:32
 Operator : SJ/JU
 Sample : I4584-01RE 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-080217RE

Quant Time: Aug 07 16:08:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	87540	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	381281	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	156603	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	224073	20.00	ng	0.00
75) Chrysene-d12	13.53	240	175309	20.00	ng	-0.01
86) Perylene-d12	14.87	264	175631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	30393	5.23	ng	0.02
7) Phenol-d6	6.10	99	38764	5.85	ng	0.02
23) Nitrobenzene-d5	6.99	82	20343	3.13	ng	0.00
41) 2,4,6-Tribromophenol	10.23	330	5109	4.13	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	41129	4.46	ng	0.00
78) Terphenyl-d14	12.49	244	24913	2.90	ng	-0.01

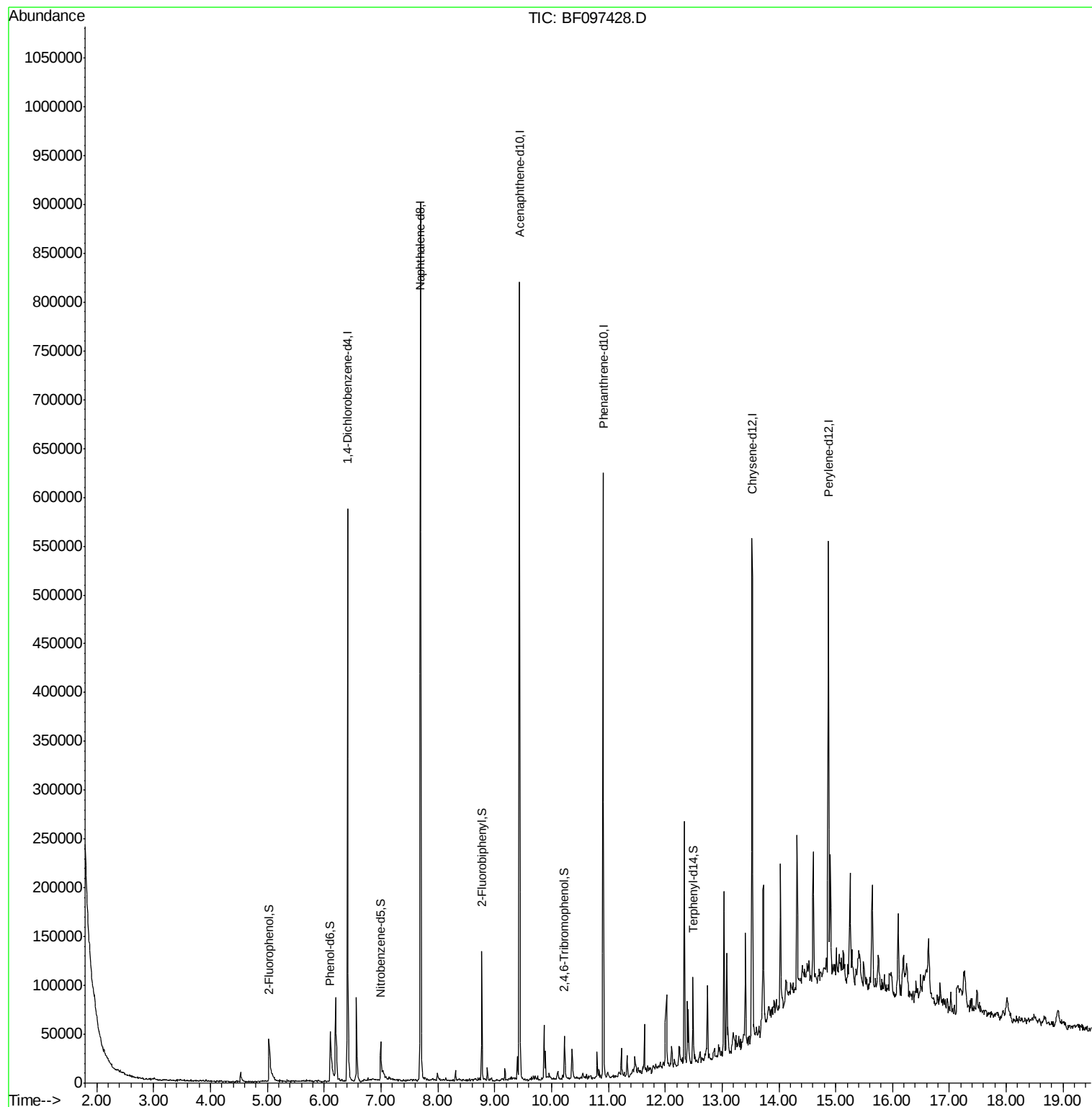
Target Compounds Qvalue

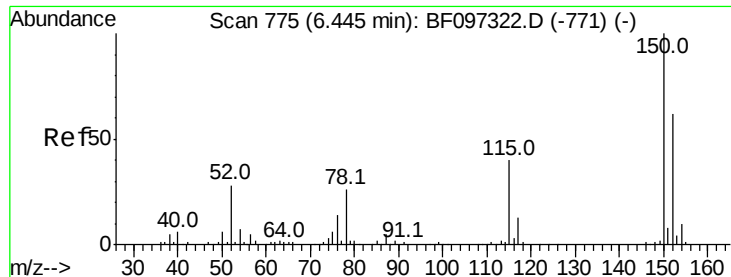
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.41 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF097428.D

Acq: 7 Aug 2017 14:32

Instrument :

BNA_F

ClientSampleId :

OK-01-080217RE

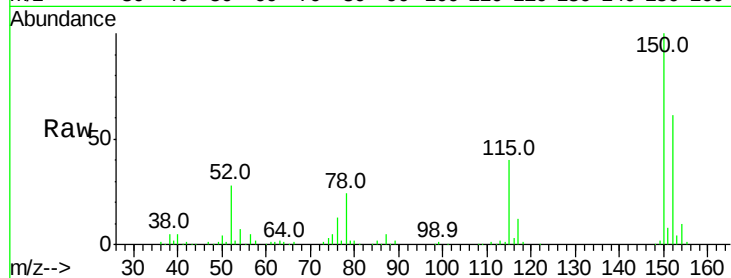
Tot Ion:152 Resp: 87540

Ion Ratio Lower Upper

152 100

150 163.2 126.2 189.2

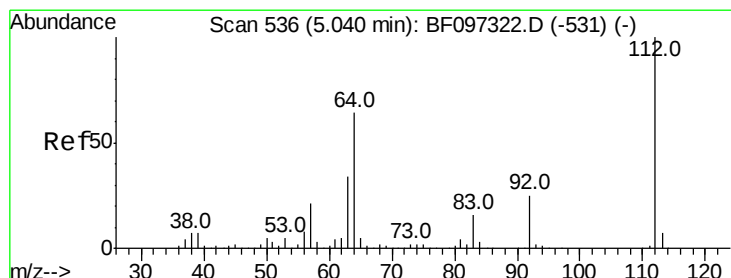
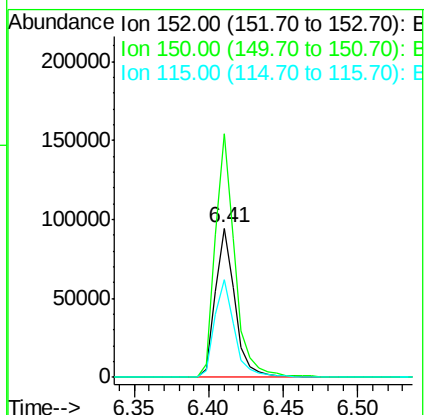
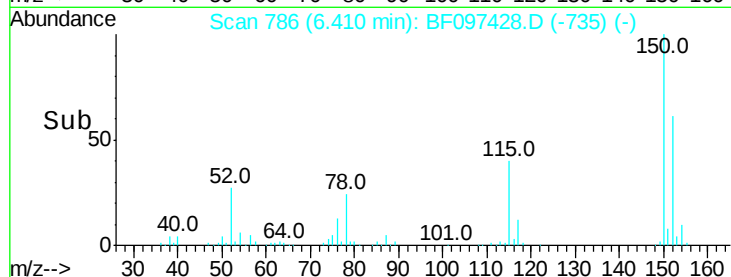
115 65.3 52.2 78.2



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: 5.234 ng

RT: 5.03 min Scan# 551

Delta R.T. 0.02 min

Lab File: BF097428.D

Acq: 7 Aug 2017 14:32

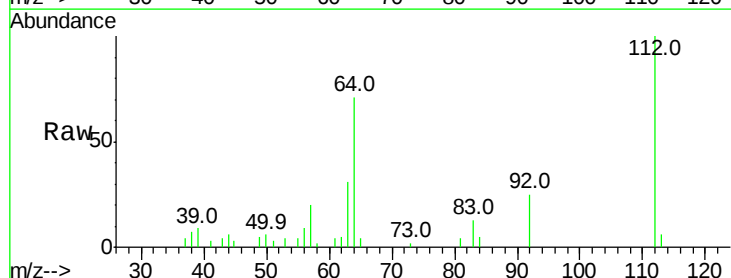
Tgt Ion:112 Resp: 30393

Ion Ratio Lower Upper

112 100

64 71.2 46.0 69.0#

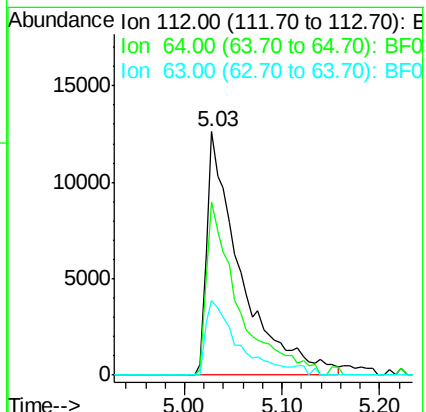
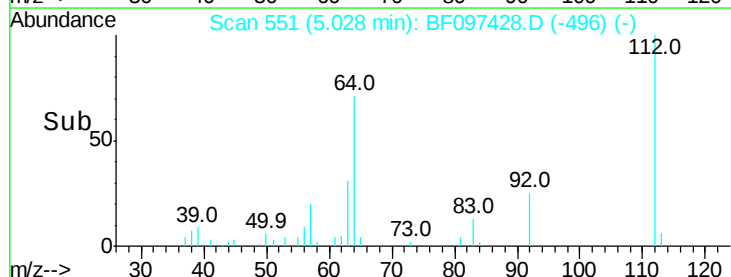
63 30.8 23.4 35.0

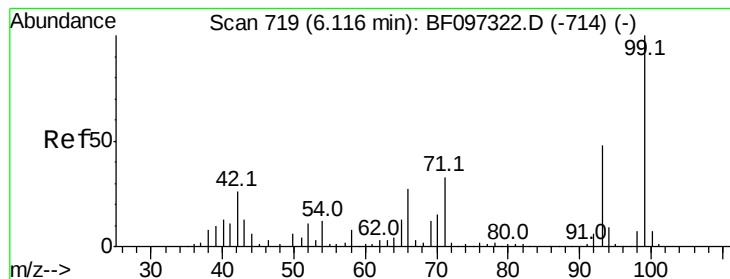


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 5.847 ng

RT: 6.10 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF097428.D

Acq: 7 Aug 2017 14:32

Instrument :

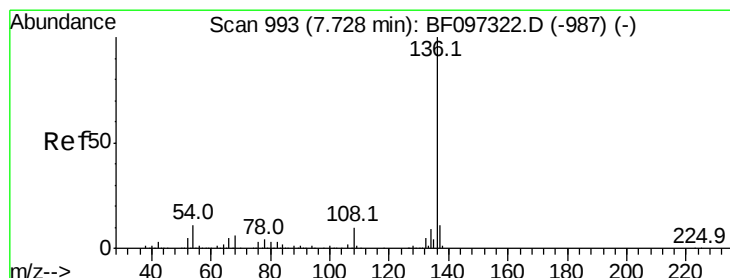
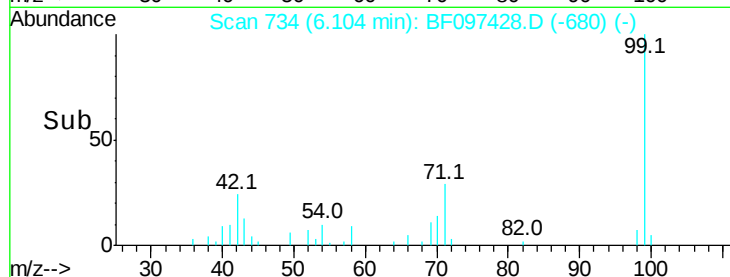
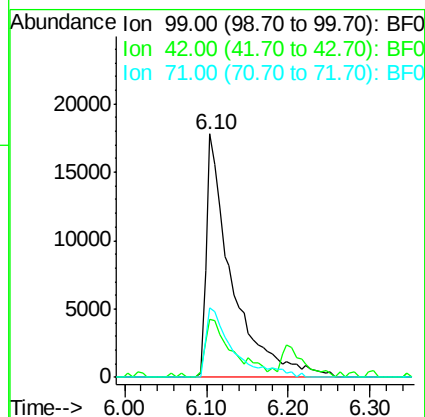
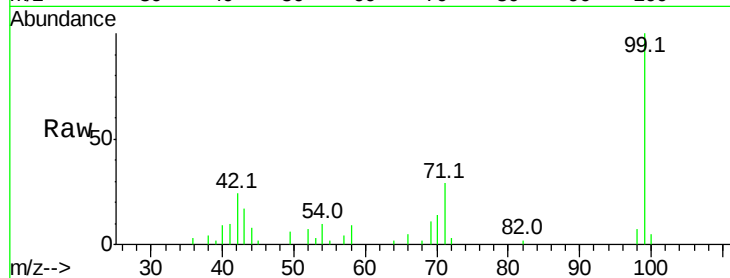
BNA_F

ClientSampleId :

OK-01-080217RE

Tot Ion: 99 Resp: 38764

Ion	Ratio	Lower	Upper
99	100		
42	23.7	13.5	20.3#
71	28.7	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1004

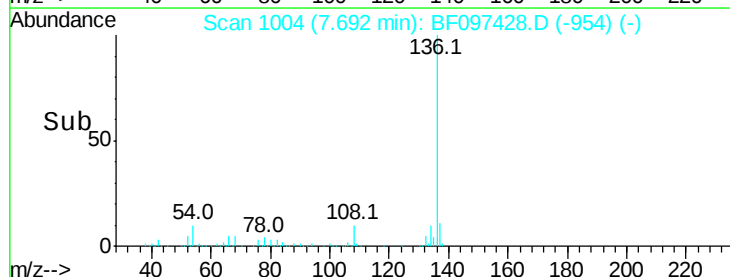
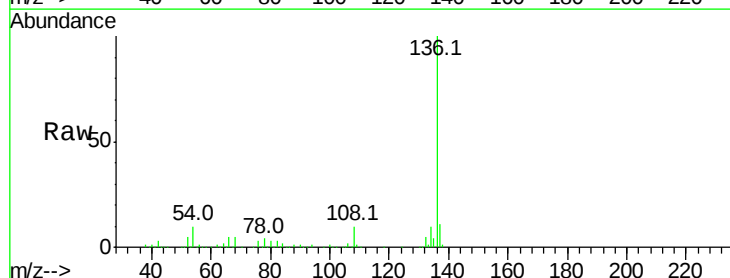
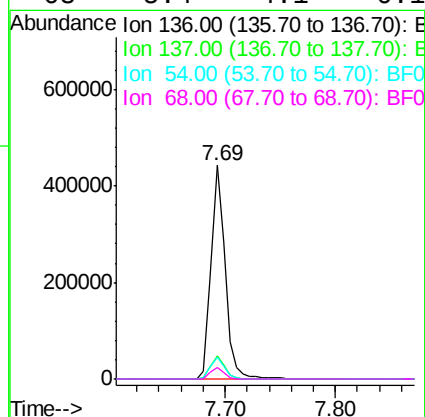
Delta R.T. -0.01 min

Lab File: BF097428.D

Acq: 7 Aug 2017 14:32

Tgt Ion: 136 Resp: 381281

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.5	4.9	7.3#
68	5.4	4.1	6.1

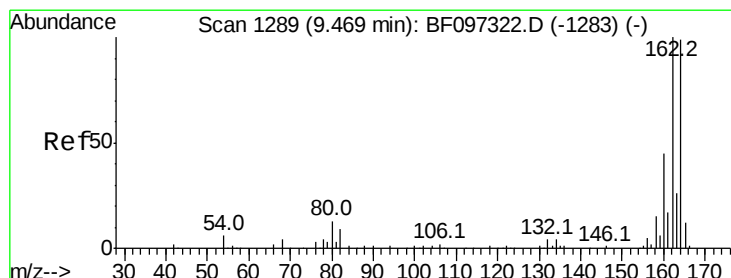
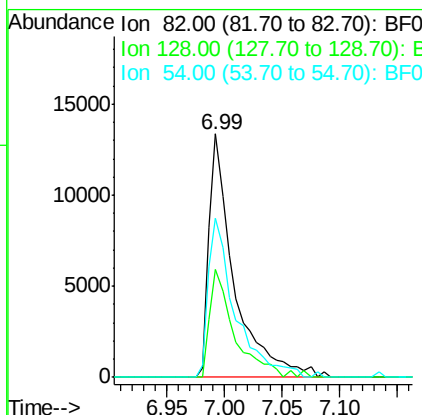
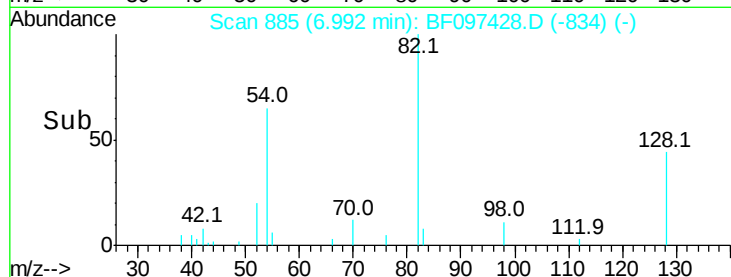
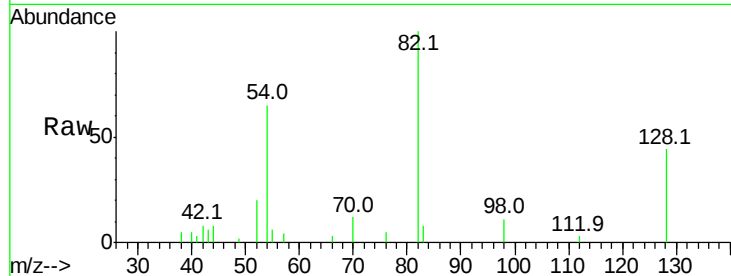




#23
Nitrobenzene-d5
Concen: 3.130 ng
RT: 6.99 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF097428.D
Acq: 7 Aug 2017 14:32

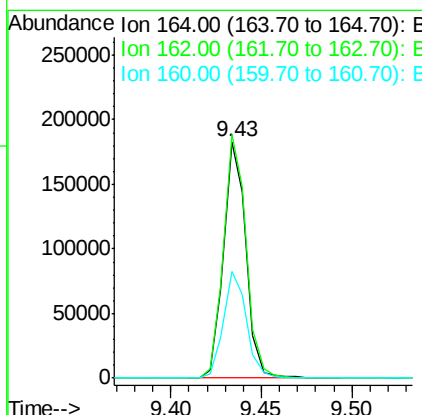
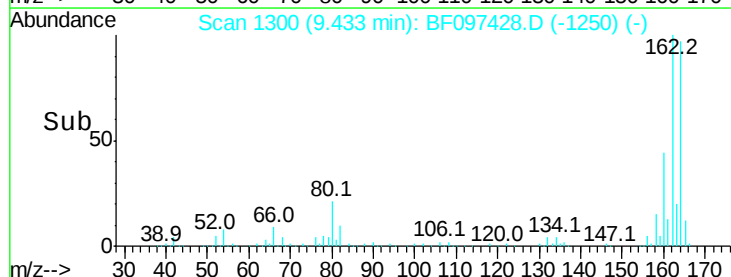
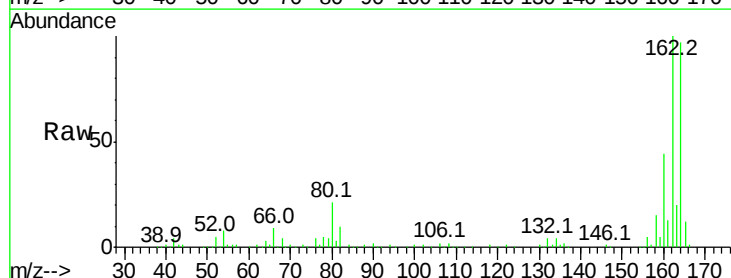
Instrument :
BNA_F
ClientSampleId :
OK-01-080217RE

Tot Ion: 82 Resp: 20343
Ion Ratio Lower Upper
82 100
128 44.3 34.0 51.0
54 65.4 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097428.D
Acq: 7 Aug 2017 14:32

Tgt Ion:164 Resp: 156603
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 45.3 36.2 54.2

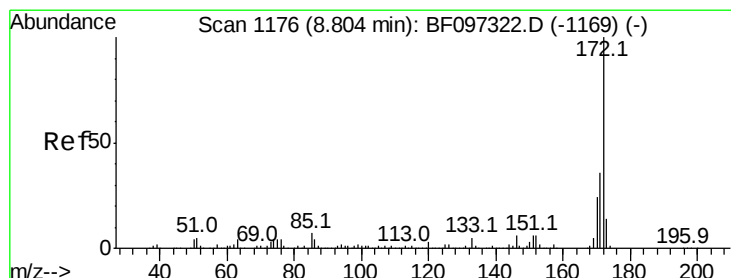
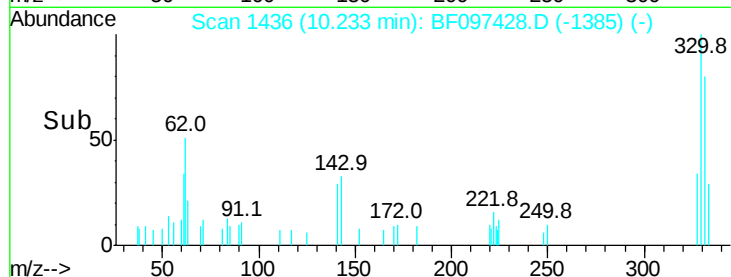
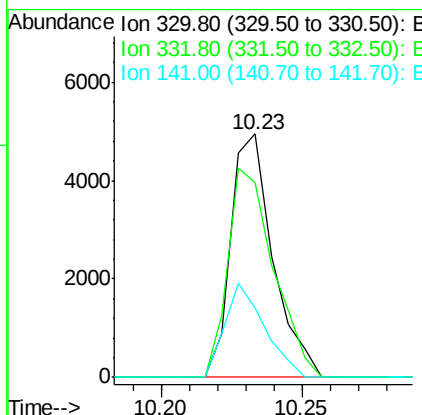
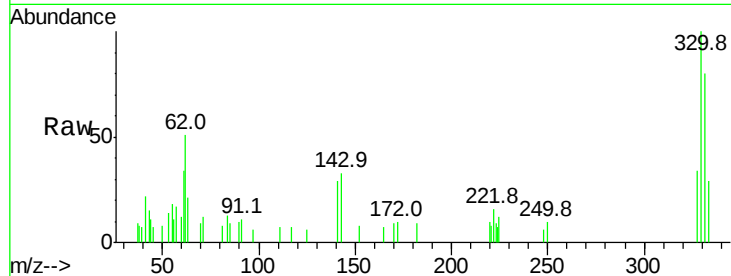




#41
 2,4,6-Tribromophenol
 Concen: 4.129 ng
 RT: 10.23 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF097428.D
 Acq: 7 Aug 2017 14:32

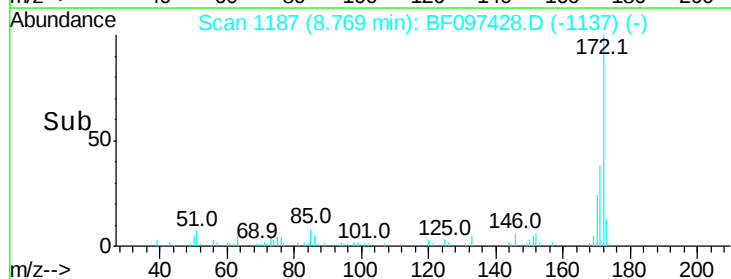
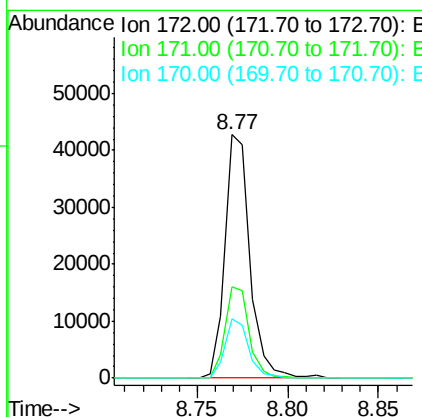
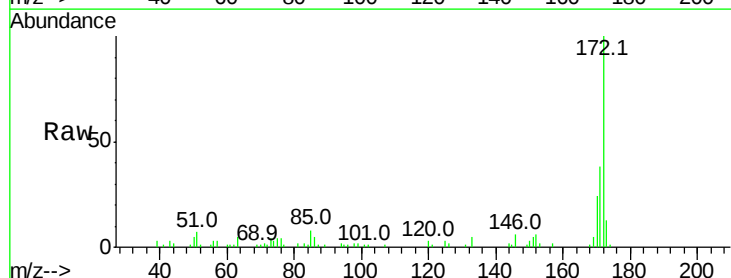
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-080217RE

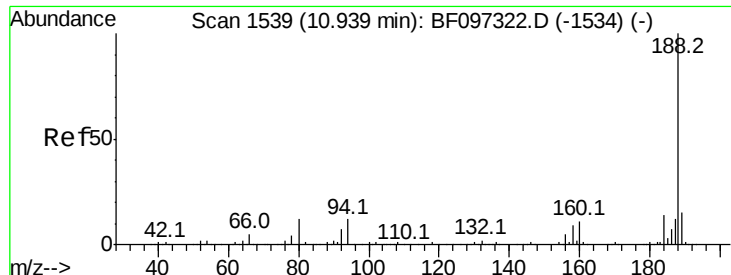
Tot Ion:330 Resp: 5109
 Ion Ratio Lower Upper
 330 100
 332 93.2 76.6 115.0
 141 36.7 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 4.457 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097428.D
 Acq: 7 Aug 2017 14:32

Tgt Ion:172 Resp: 41129
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.6 44.4
 170 24.2 19.8 29.8

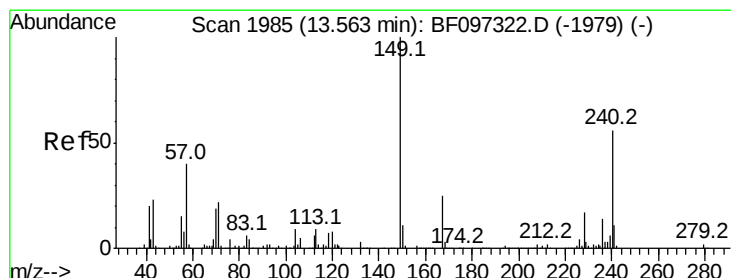
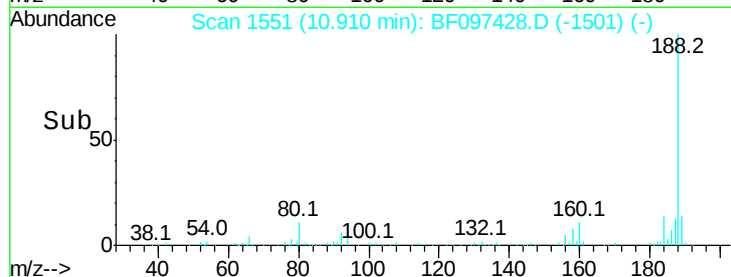
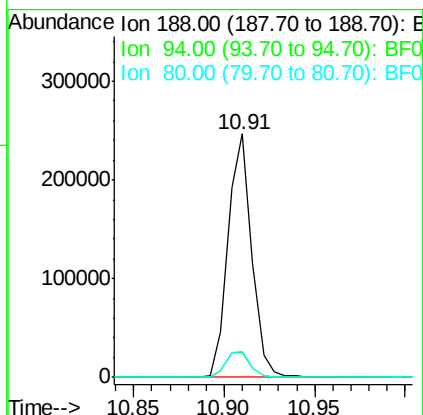
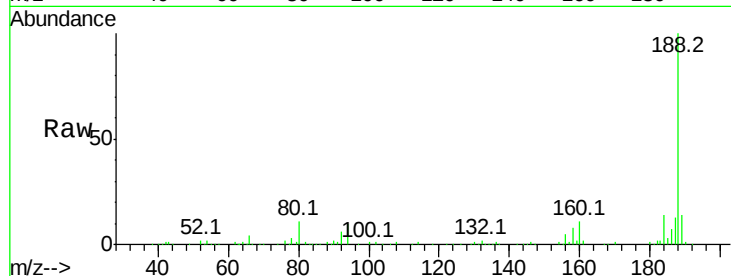




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097428.D
Acq: 7 Aug 2017 14:32

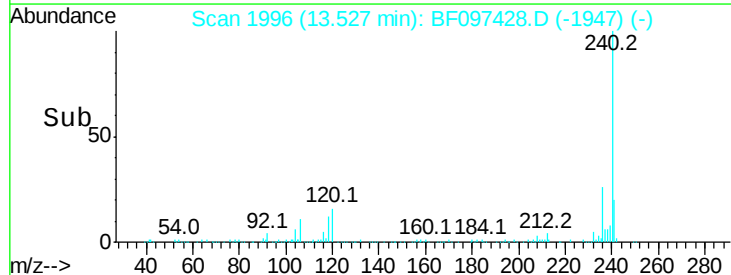
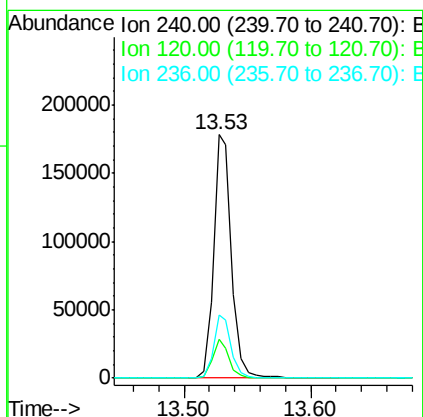
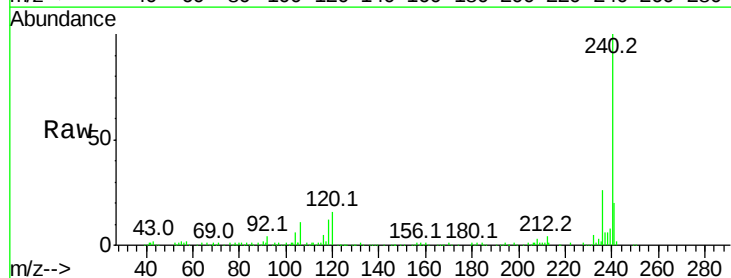
Instrument :
BNA_F
ClientSampleId :
OK-01-080217RE

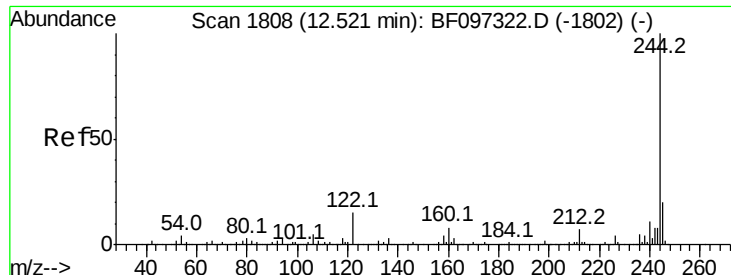
Tot Ion:188 Resp: 224073
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 10.6 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF097428.D
Acq: 7 Aug 2017 14:32

Tgt Ion:240 Resp: 175309
Ion Ratio Lower Upper
240 100
120 15.9 5.8 8.8#
236 26.1 20.5 30.7





#78

Terphenyl-d14

Concen: 2.897 ng

RT: 12.49 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF097428.D

Acq: 7 Aug 2017 14:32

Instrument :

BNA_F

ClientSampleId :

OK-01-080217RE

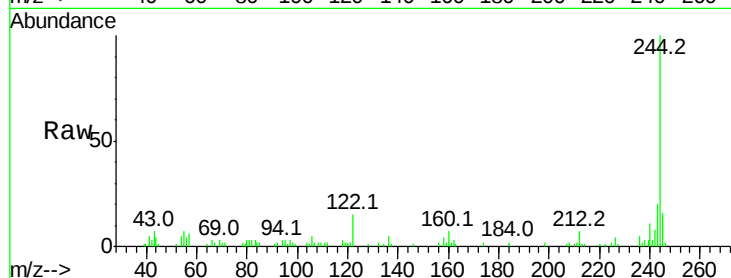
Tot Ion:244 Resp: 24913

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

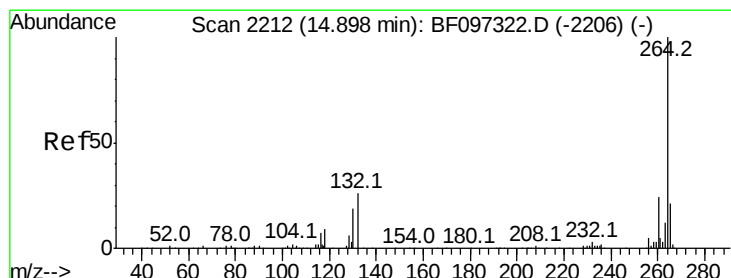
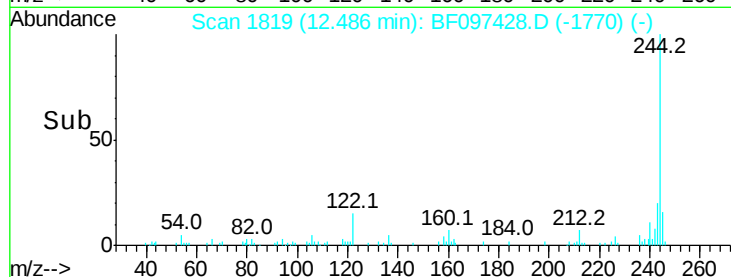
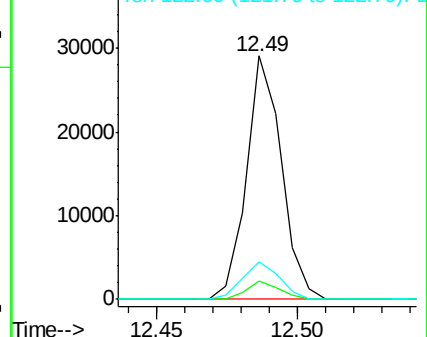
122 15.2 10.3 15.5



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: 14.87 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BF097428.D

Acq: 7 Aug 2017 14:32

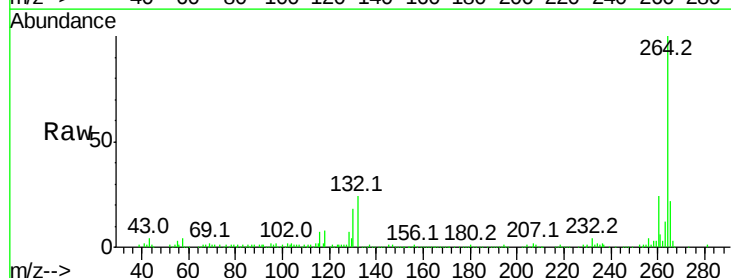
Tgt Ion:264 Resp: 175631

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 22.0 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

