

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097465.D
 Acq On : 8 Aug 2017 13:16
 Operator : SJ/JU
 Sample : I4611-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080317-A

Quant Time: Aug 08 17:41:52 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	6.40	152	93972	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	441434	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	194934	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	303628	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	236029	20.00	ng	-0.01
86) Perylene-d12	14.87	264	159834	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	865795	138.89	ng	0.01
7) Phenol-d6	6.08	99	966760	135.85	ng	0.00
23) Nitrobenzene-d5	6.98	82	692149	91.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	217012	140.90	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1013545	88.24	ng	0.00
78) Terphenyl-d14	12.49	244	822654	71.06	ng	0.00

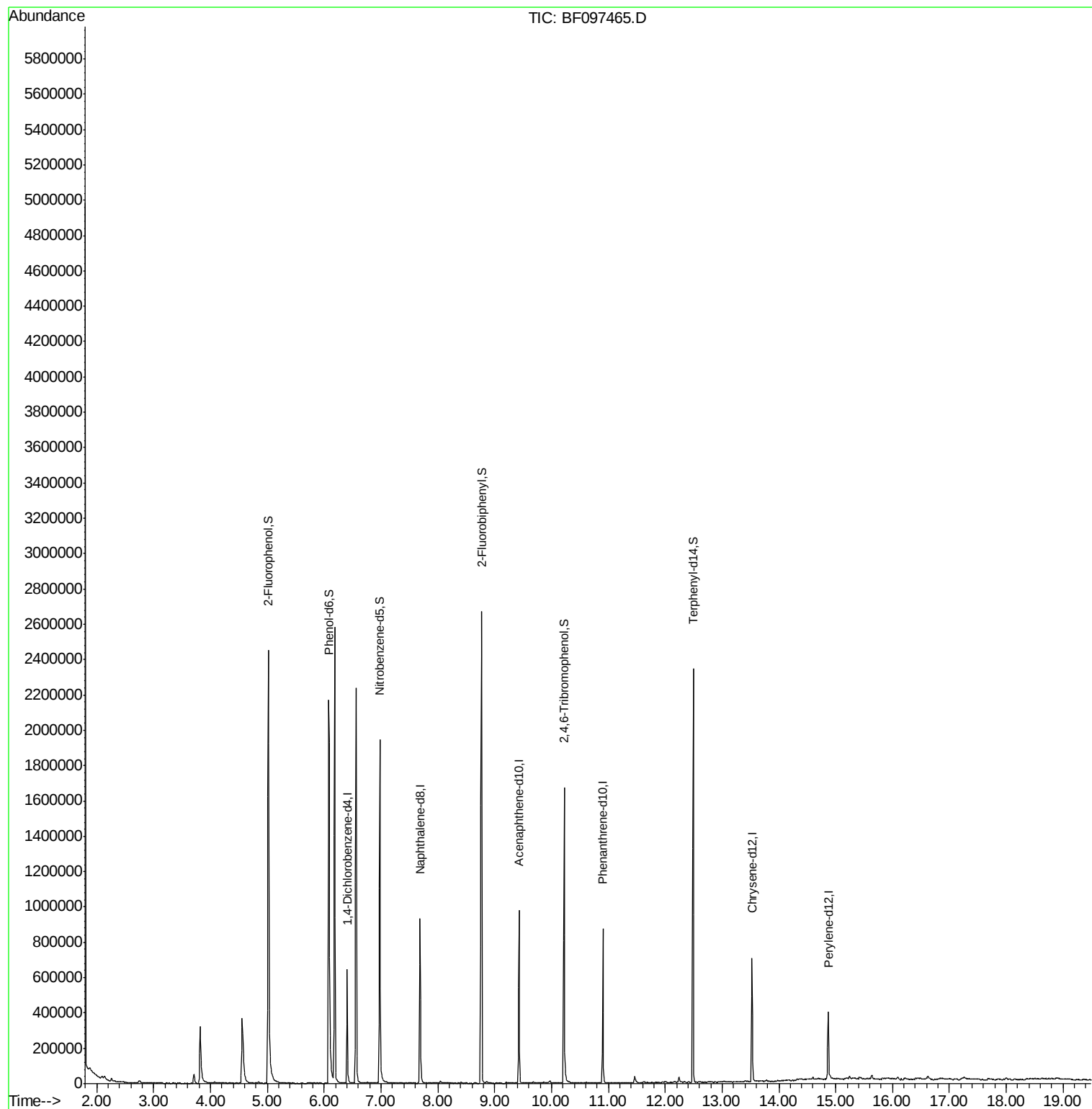
Target Compounds Qvalue

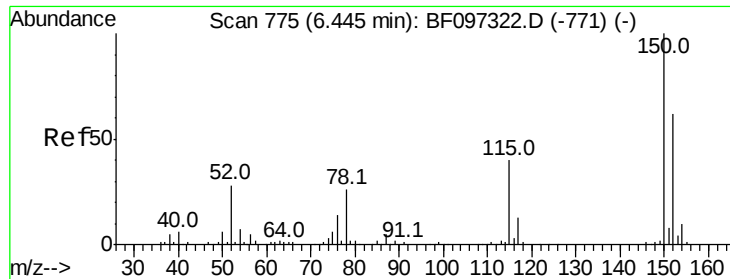
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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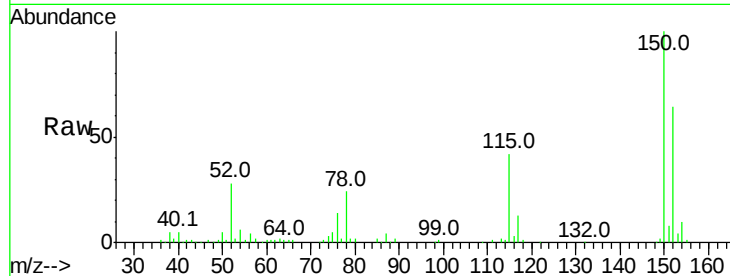


#1

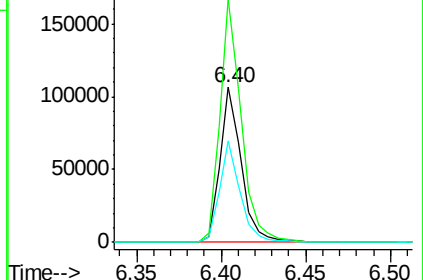
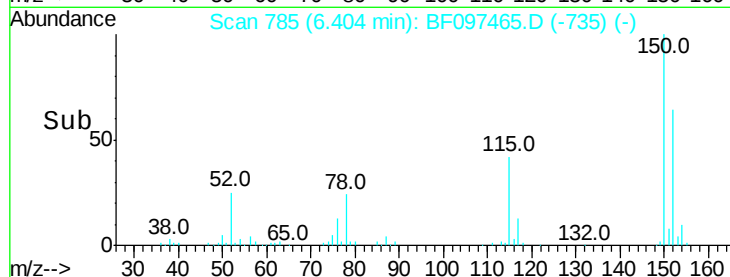
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097465.D
Acq: 8 Aug 2017 13:16

Instrument :
BNA_F
ClientSampleId :
EO-01-080317-A

Tot Ion:152 Resp: 93972
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 65.6 52.2 78.2



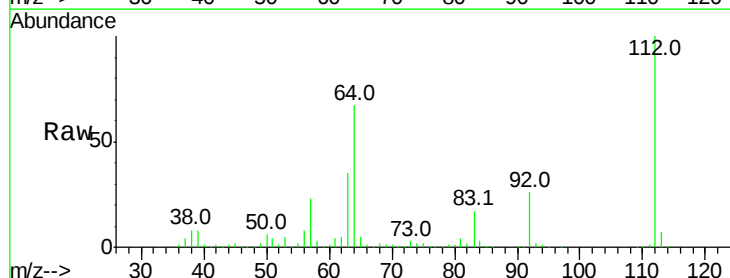
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



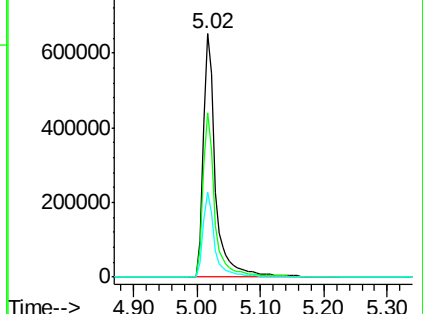
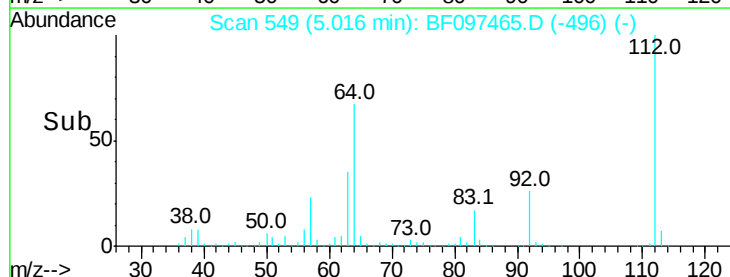
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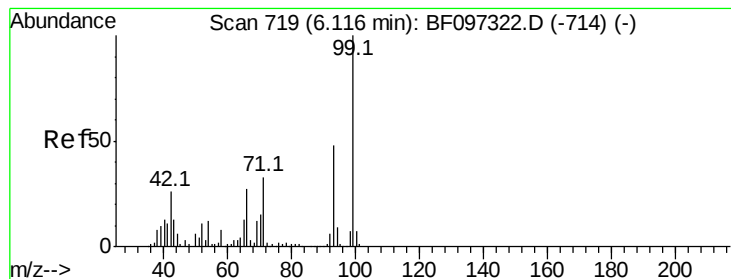
2-Fluorophenol
Concen: 138.890 ng
RT: 5.02 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF097465.D
Acq: 8 Aug 2017 13:16

Tgt Ion:112 Resp: 865795
Ion Ratio Lower Upper
112 100
64 67.5 46.0 69.0
63 35.1 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: 135.848 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097465.D

Acq: 8 Aug 2017 13:16

Instrument :

BNA_F

ClientSampleId :

EO-01-080317-A

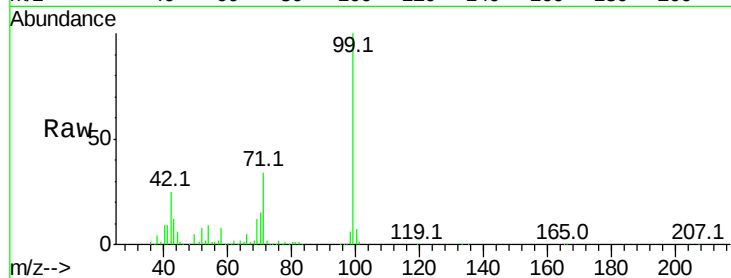
Tot Ion: 99 Resp: 966760

Ion Ratio Lower Upper

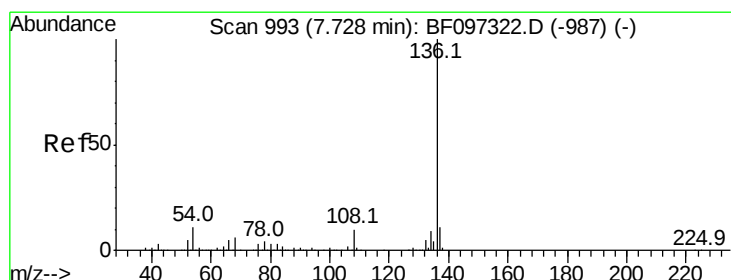
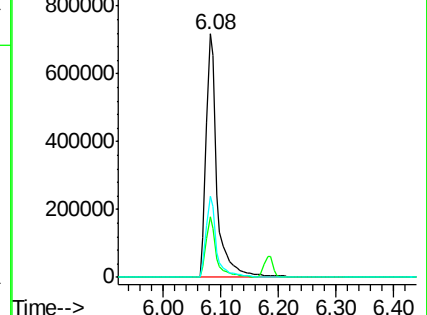
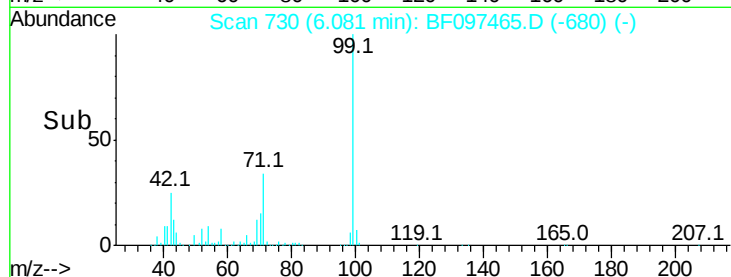
99 100

42 24.7 13.5 20.3#

71 33.5 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: 7.69 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF097465.D

Acq: 8 Aug 2017 13:16

Tgt Ion: 136 Resp: 441434

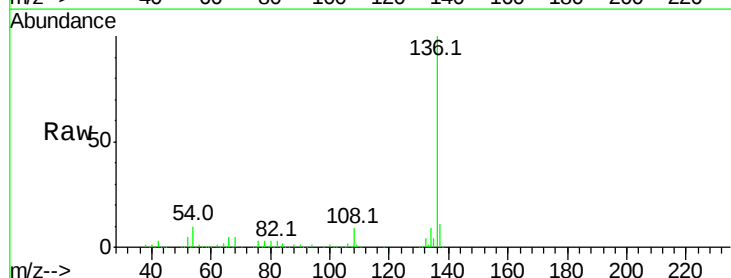
Ion Ratio Lower Upper

136 100

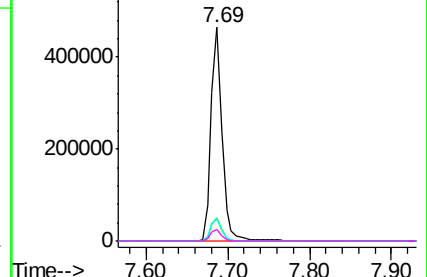
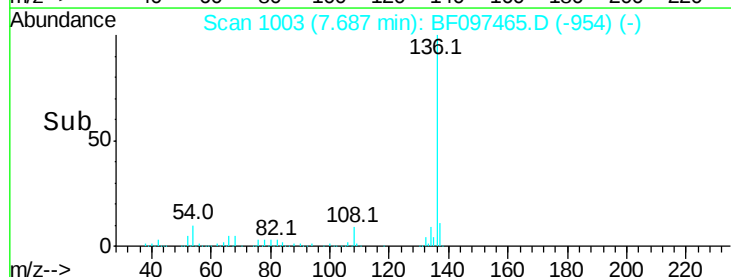
137 10.6 8.5 12.7

54 10.4 4.9 7.3#

68 5.3 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

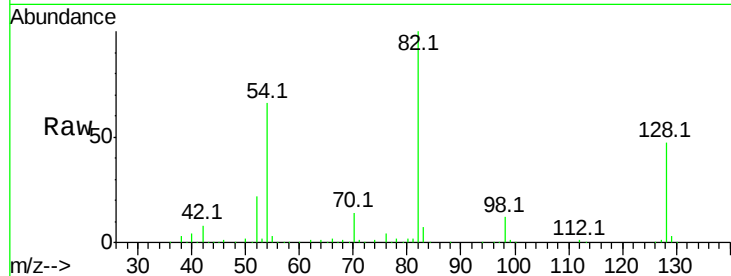




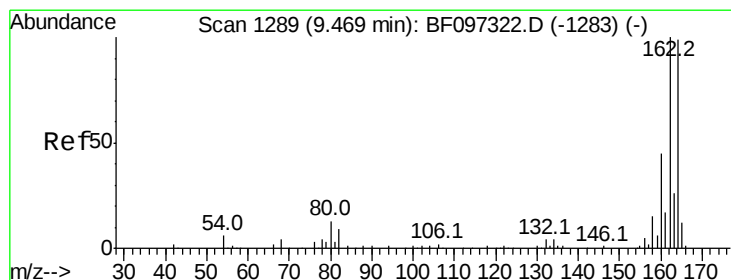
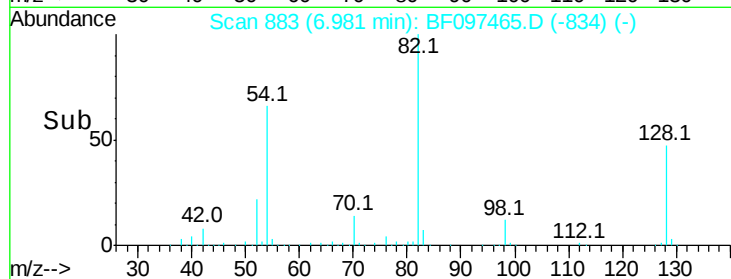
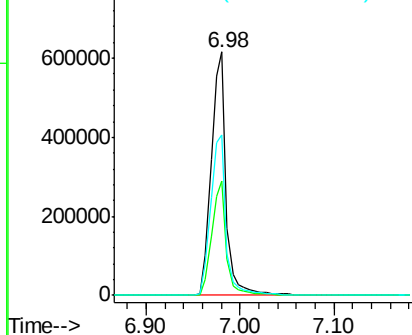
#23
Nitrobenzene-d5
Concen: 91.983 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097465.D
Acq: 8 Aug 2017 13:16

Instrument :
BNA_F
ClientSampleId :
EO-01-080317-A

Tot Ion: 82 Resp: 692149
Ion Ratio Lower Upper
82 100
128 46.9 34.0 51.0
54 65.8 42.2 63.2#

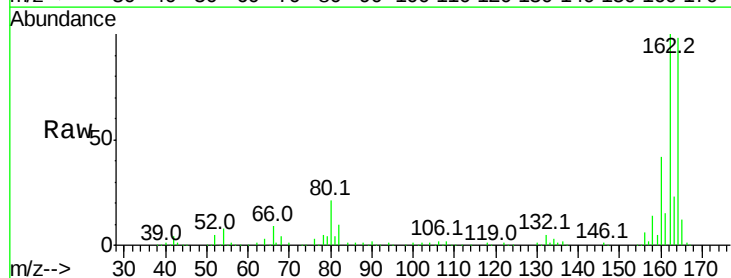


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

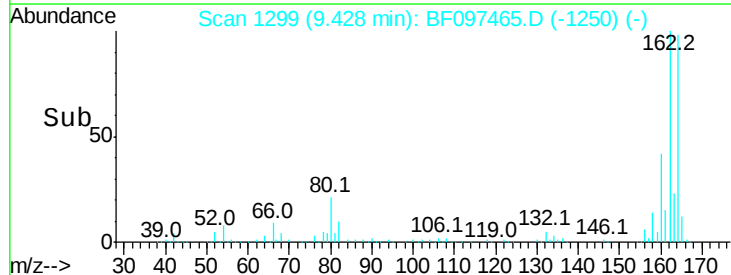
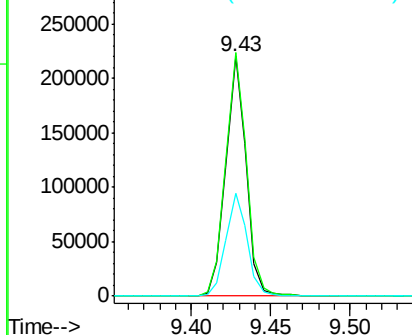


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097465.D
Acq: 8 Aug 2017 13:16

Tgt Ion:164 Resp: 194934
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 43.2 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

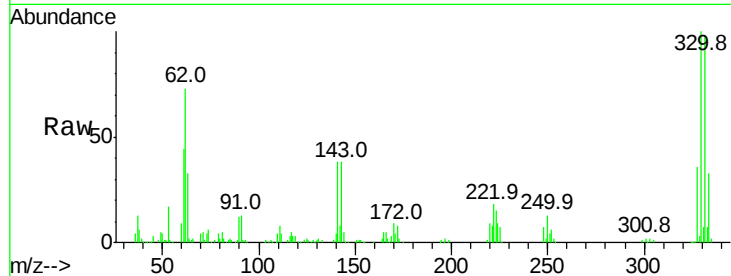




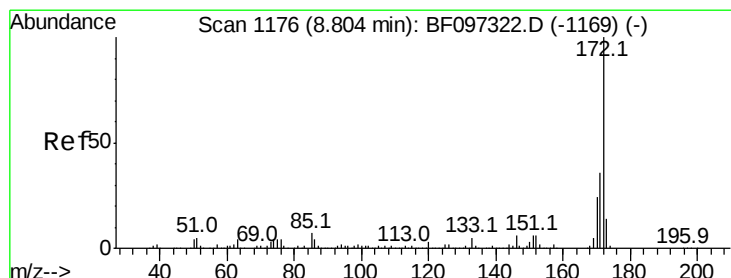
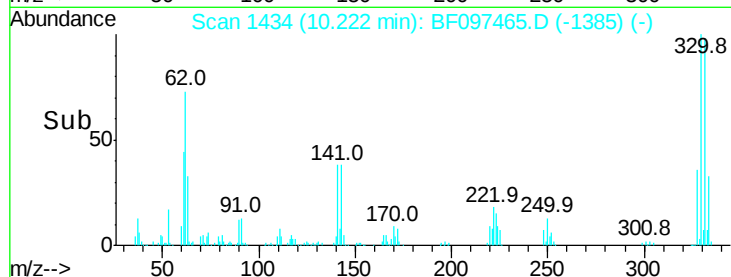
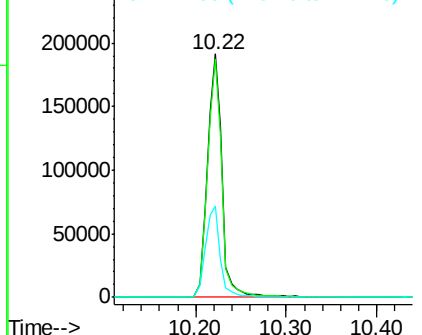
#41
 2,4,6-Tribromophenol
 Concen: 140.902 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097465.D
 Acq: 8 Aug 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080317-A

Tot Ion:330 Resp: 217012
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 38.3 31.4 47.2

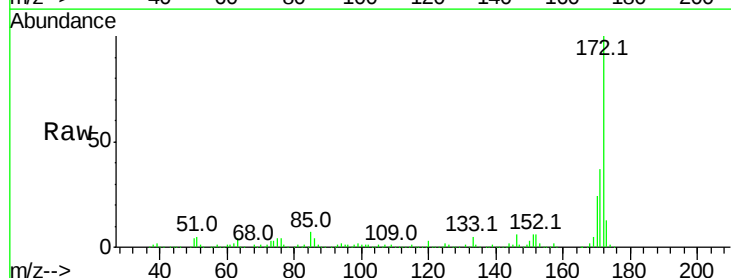


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

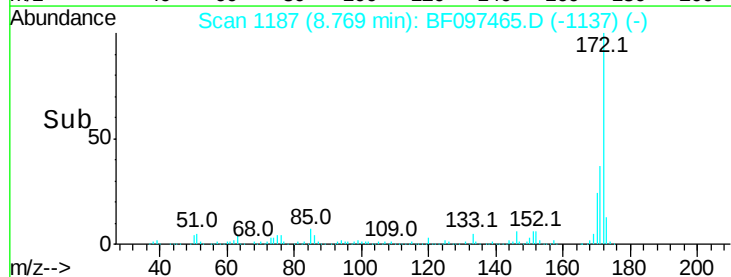
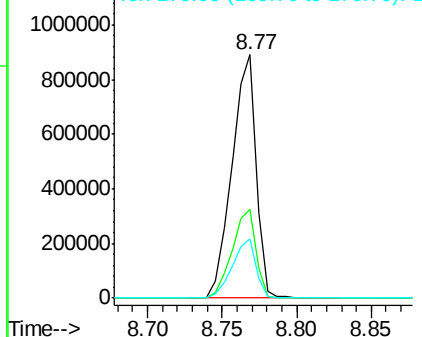


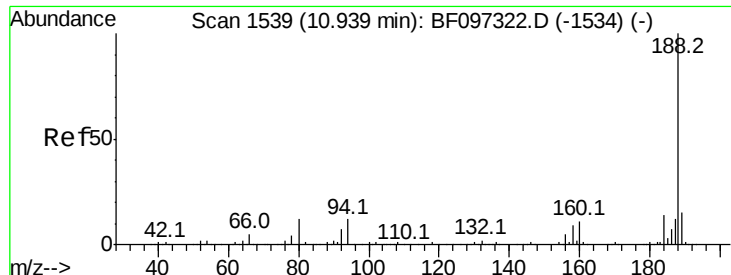
#44
 2-Fluorobiphenyl
 Concen: 88.239 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097465.D
 Acq: 8 Aug 2017 13:16

Tgt Ion:172 Resp: 1013545
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.3 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

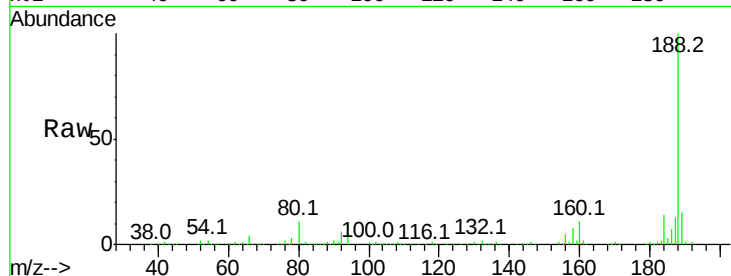




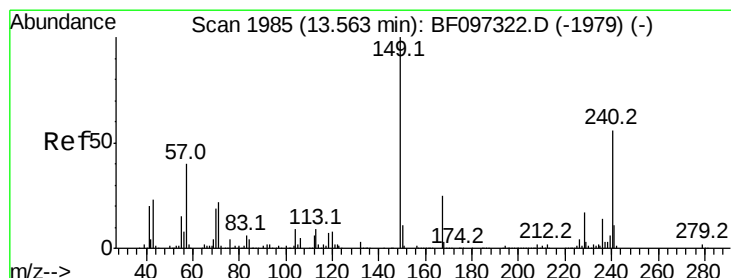
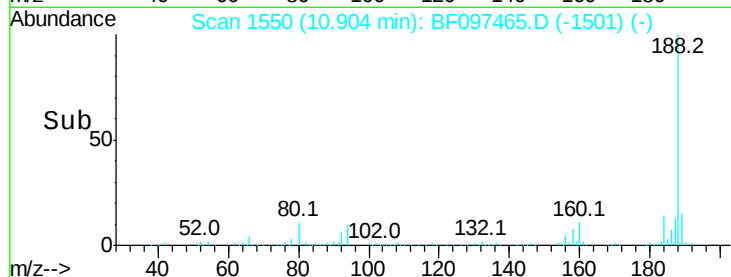
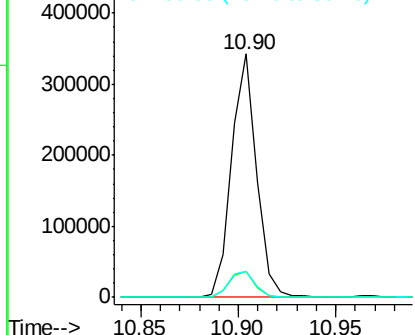
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097465.D
Acq: 8 Aug 2017 13:16

Instrument :
BNA_F
ClientSampleId :
EO-01-080317-A

Tot Ion:188 Resp: 303628
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.8 10.2 15.2

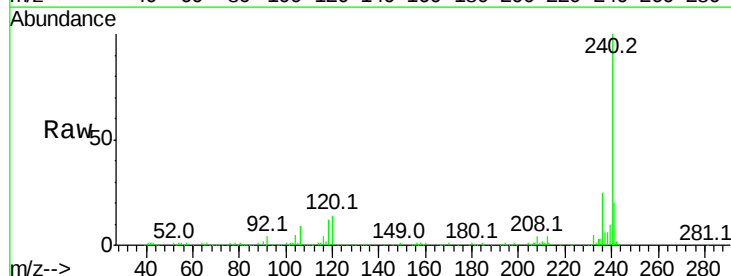


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

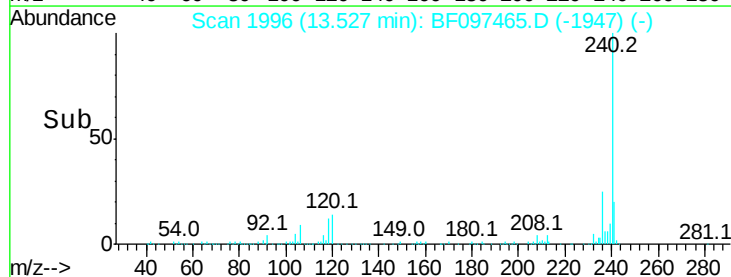
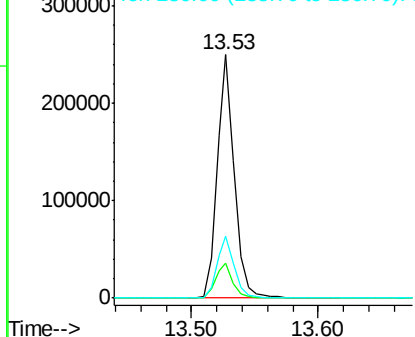


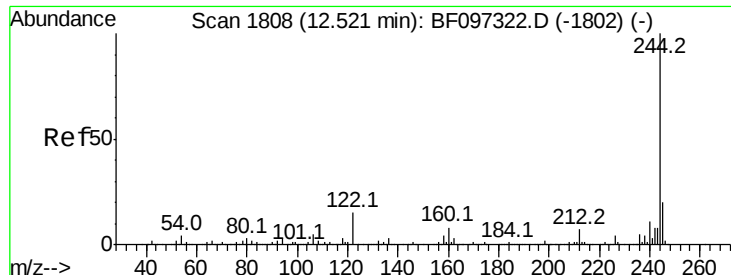
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF097465.D
Acq: 8 Aug 2017 13:16

Tgt Ion:240 Resp: 236029
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 25.2 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: 71.062 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097465.D

Acq: 8 Aug 2017 13:16

Instrument :

BNA_F

ClientSampleId :

EO-01-080317-A

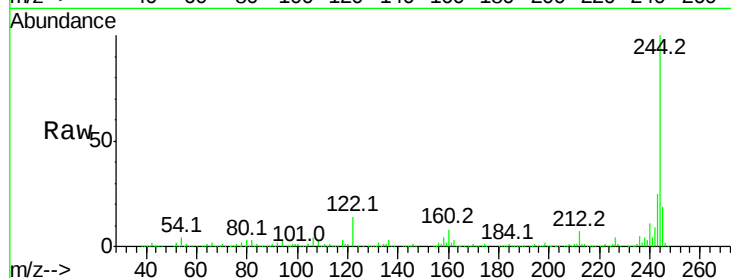
Tot Ion:244 Resp: 822654

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

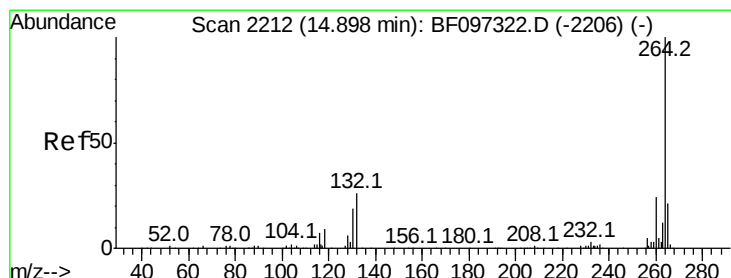
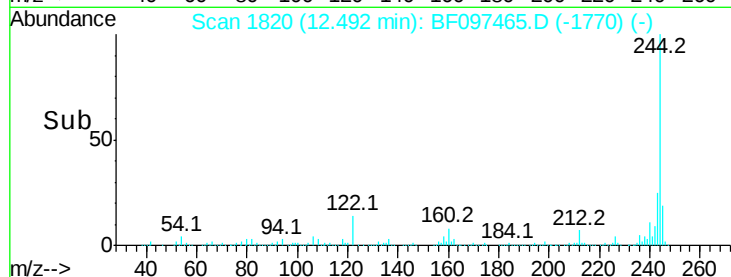
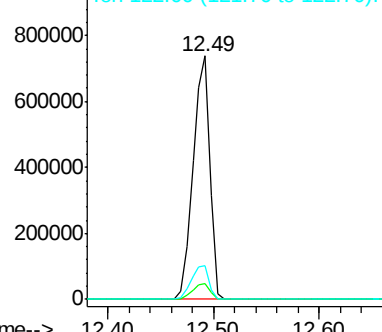
122 13.8 10.3 15.5



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: BF097465.D

Acq: 8 Aug 2017 13:16

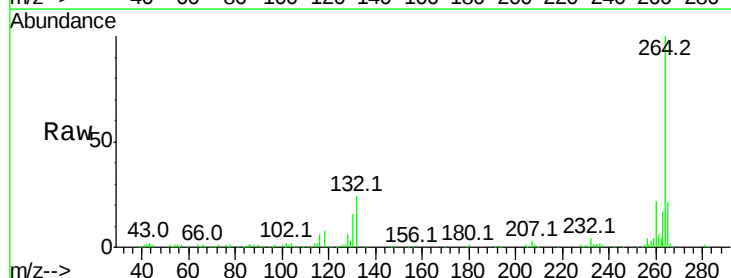
Tgt Ion:264 Resp: 159834

Ion Ratio Lower Upper

264 100

260 22.2 19.5 29.3

265 21.1 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

