

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
 Data File : BF092692.D
 Acq On : 31 Jan 2017 20:24
 Operator : SJ/MA
 Sample : I1593-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-8

Quant Time: Feb 01 00:48:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

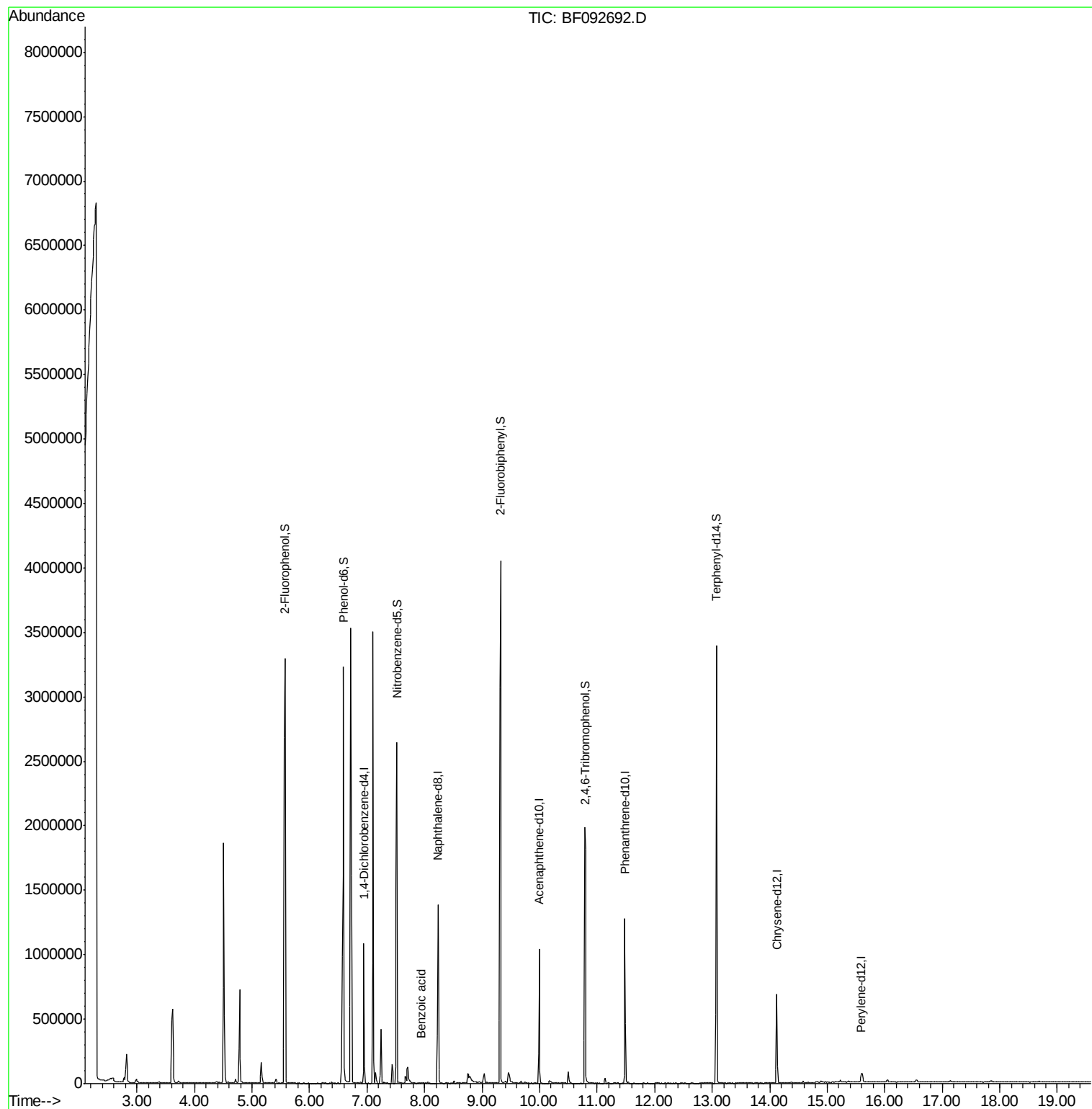
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	148818	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	599731	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	194219	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	441682	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	170937	20.00	ng	-0.02
86) Perylene-d12	15.59	264	5941	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1221470	140.82	ng	0.00
7) Phenol-d6	6.59	99	1062998	95.24	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1002676	93.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	357560	254.54	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1794050	167.35	ng	-0.01
78) Terphenyl-d14	13.07	244	1255045	172.52	ng	-0.01
Target Compounds						
32) Benzoic acid	7.94	122	2646	7.60	ng	Qvalue 91

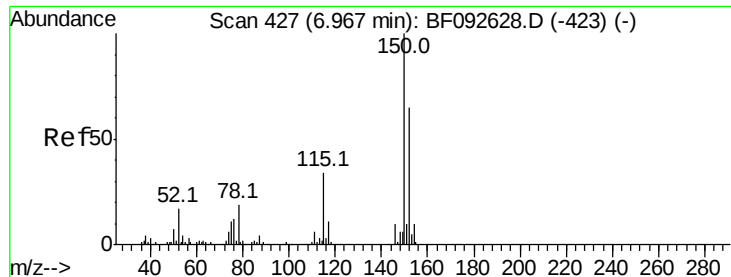
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092692.D

Acq: 31 Jan 2017 20:24

Instrument :

BNA_F

ClientSampleId :

B2-8

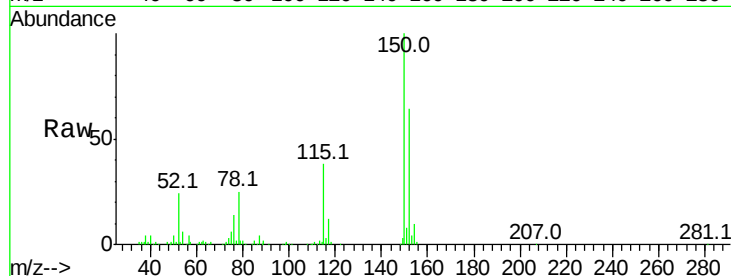
Tot Ion:152 Resp: 148818

Ion Ratio Lower Upper

152 100

150 156.4 124.9 187.3

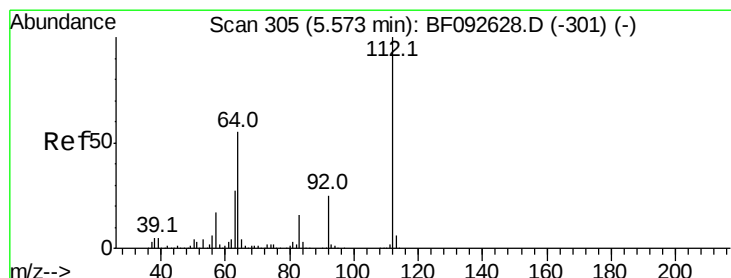
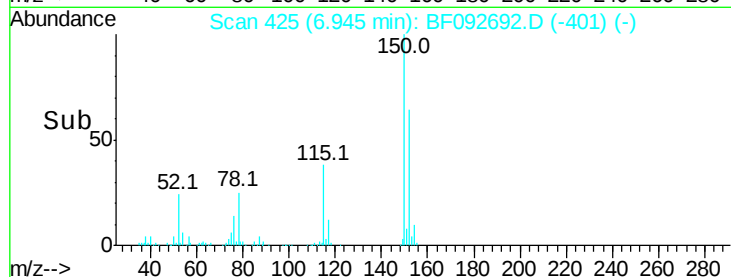
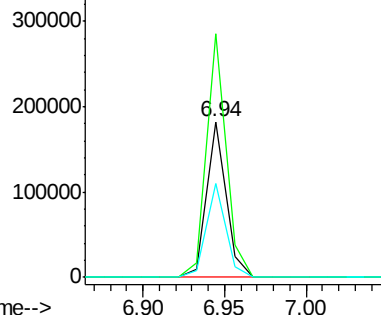
115 60.0 46.0 69.0



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: 140.82 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092692.D

Acq: 31 Jan 2017 20:24

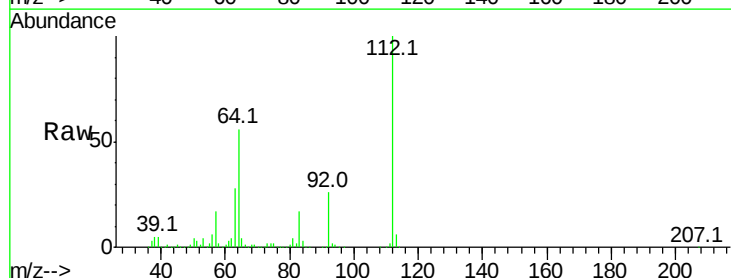
Tgt Ion:112 Resp: 1221470

Ion Ratio Lower Upper

112 100

64 56.5 46.1 69.1

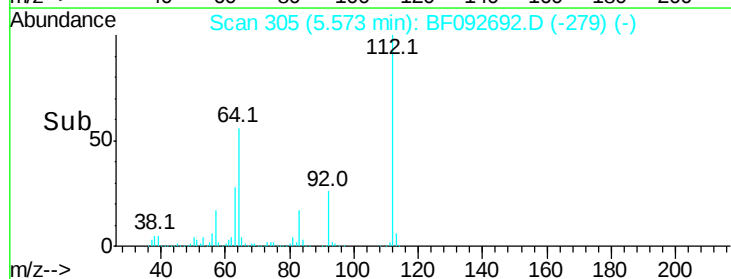
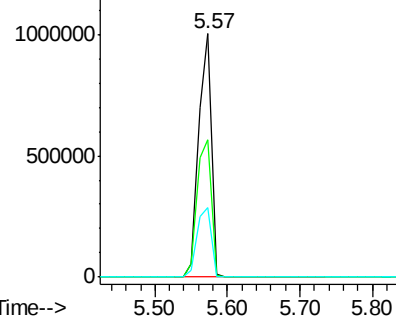
63 28.5 23.8 35.6

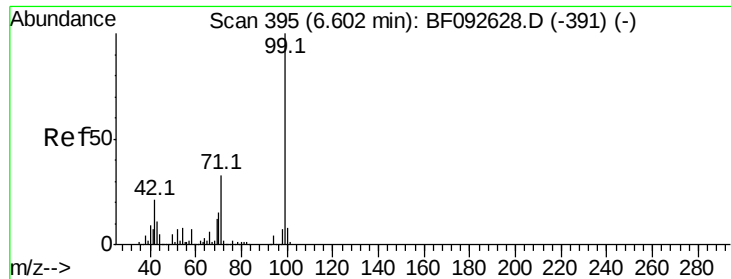


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.24 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092692.D

Acq: 31 Jan 2017 20:24

Instrument :

BNA_F

ClientSampled :

B2-8

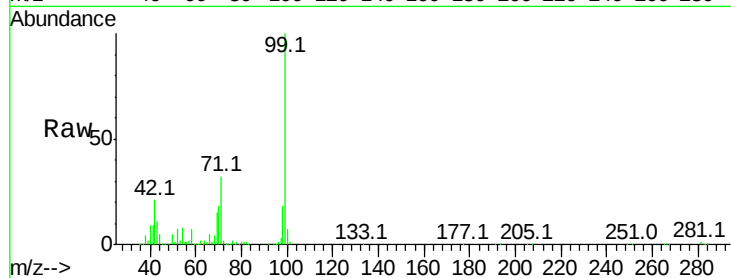
Tot Ion: 99 Resp: 1062998

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

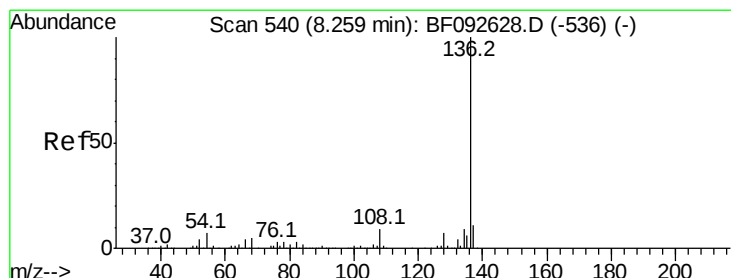
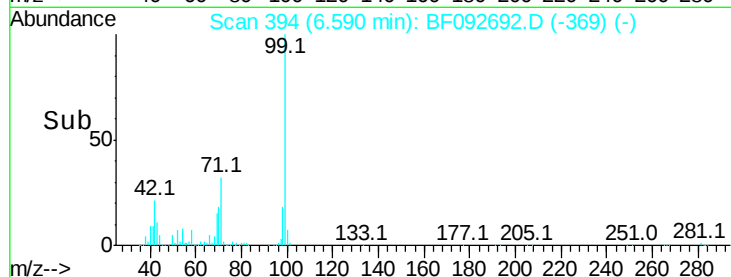
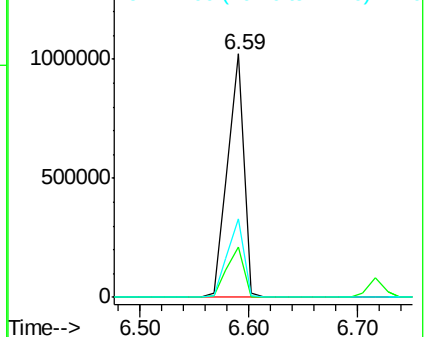
71 32.1 27.5 41.3



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: 20.00 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092692.D

Acq: 31 Jan 2017 20:24

Tgt Ion: 136 Resp: 599731

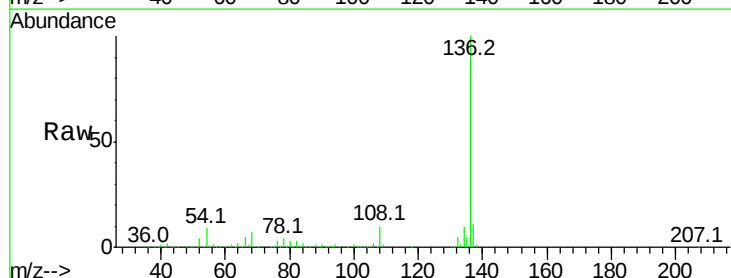
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 9.1 4.5 6.7#

68 6.5 3.6 5.4#

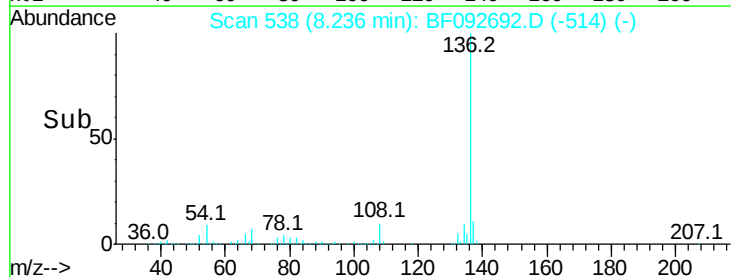
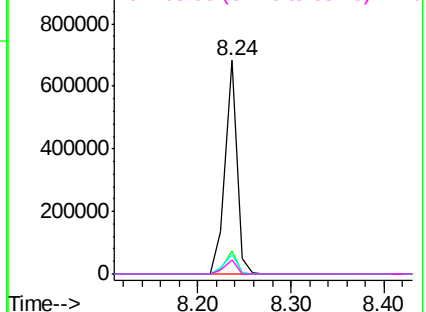


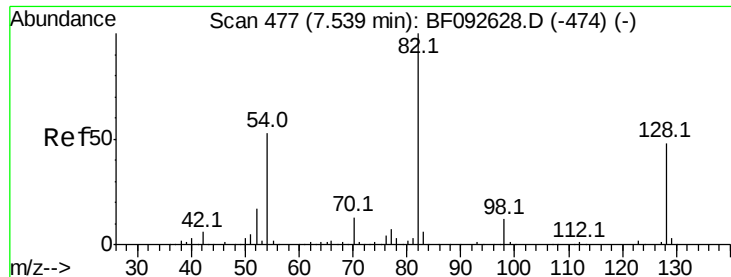
Abundance Ion 136.00 (135.70 to 136.70): E

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

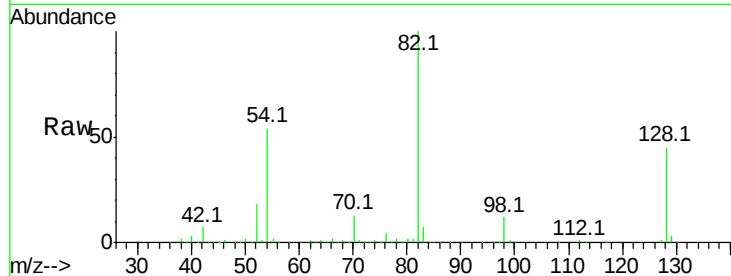




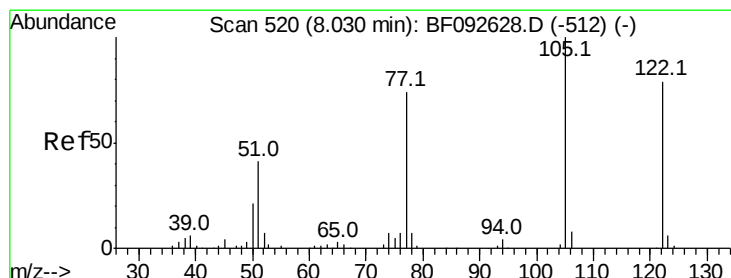
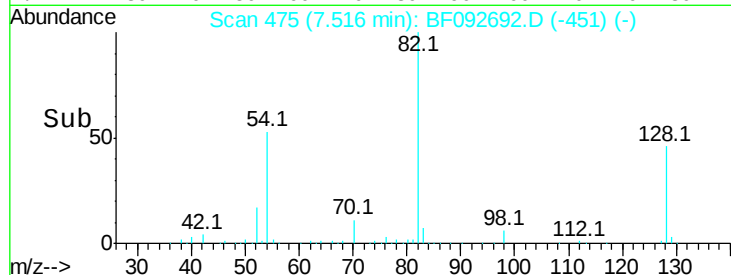
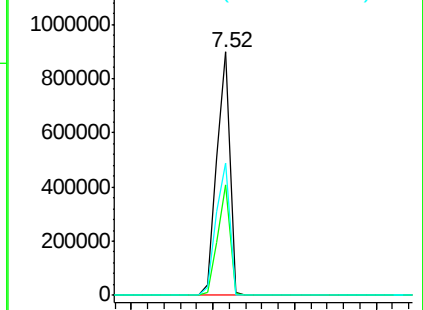
#23
 Nitrobenzene-d5
 Concen: 93.10 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092692.D
 Acq: 31 Jan 2017 20:24

Instrument :
 BNA_F
 ClientSampled :
 B2-8

Tot Ion: 82 Resp: 1002676
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.6 52.0
 54 54.1 39.5 59.3

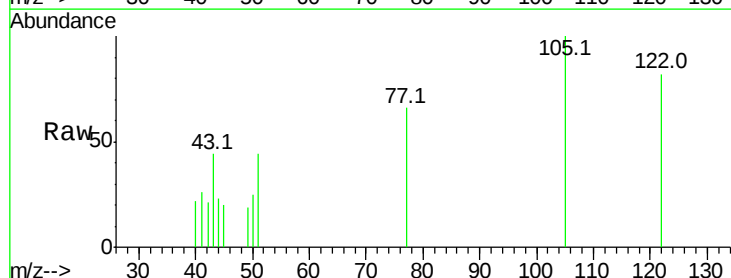


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

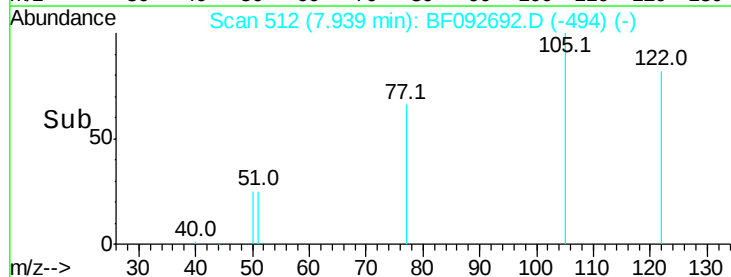
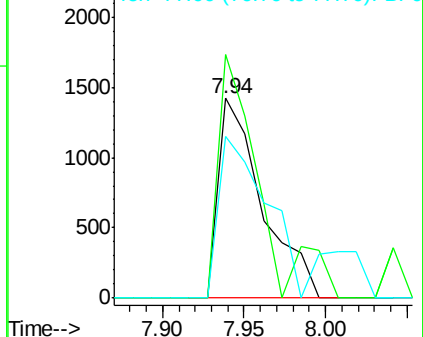


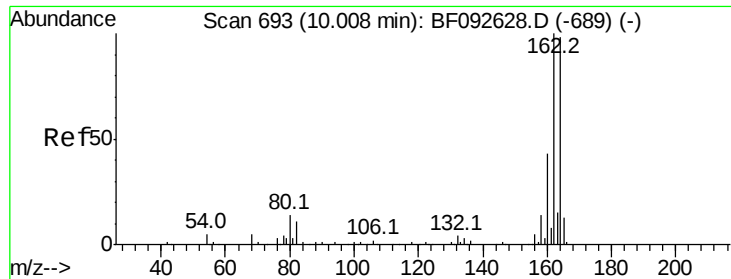
#32
 Benzoic acid
 Concen: 7.60 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.09 min
 Lab File: BF092692.D
 Acq: 31 Jan 2017 20:24

Tgt Ion:122 Resp: 2646
 Ion Ratio Lower Upper
 122 100
 105 122.0 107.2 147.2
 77 81.0 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): B
 Ion 105.00 (104.70 to 105.70): B
 Ion 77.00 (76.70 to 77.70): BF0

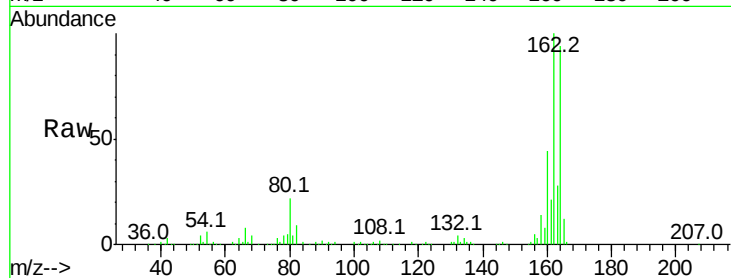




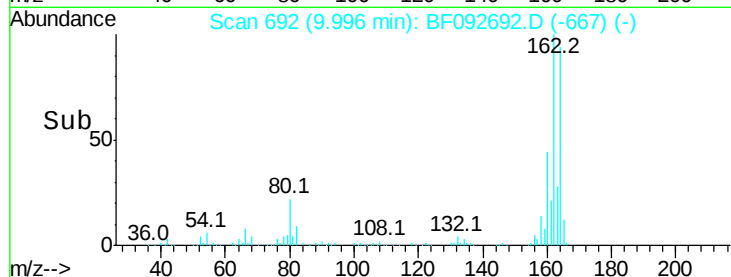
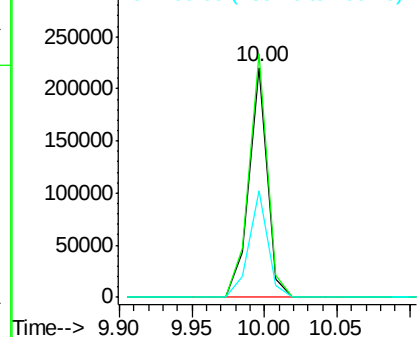
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092692.D
Acq: 31 Jan 2017 20:24

Instrument :
BNA_F
ClientSampleId :
B2-8

Tot Ion:164 Resp: 194219
Ion Ratio Lower Upper
164 100
162 106.0 80.2 120.2
160 46.6 36.9 55.3

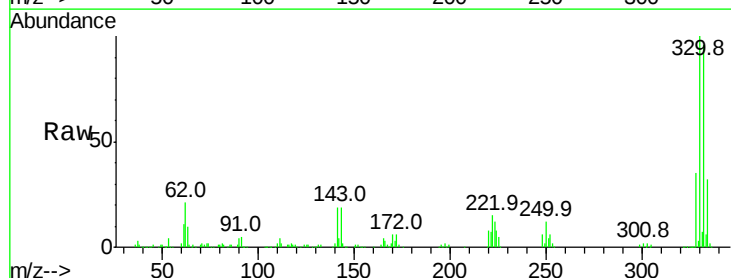


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

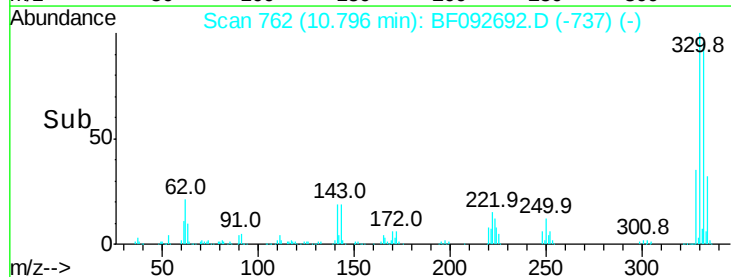
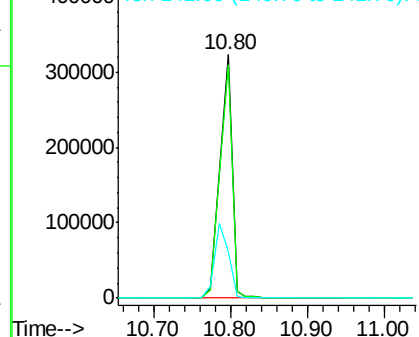


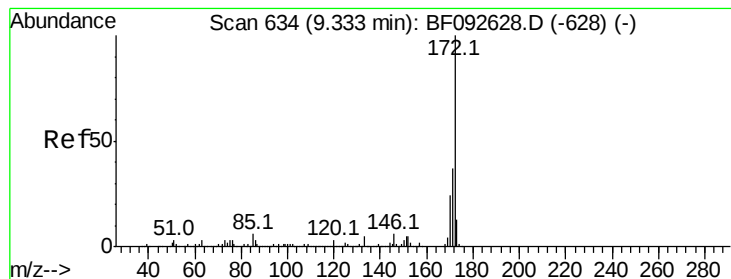
#41
2,4,6-Tribromophenol
Concen: 254.54 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092692.D
Acq: 31 Jan 2017 20:24

Tgt Ion:330 Resp: 357560
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 34.7 34.1 51.1



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

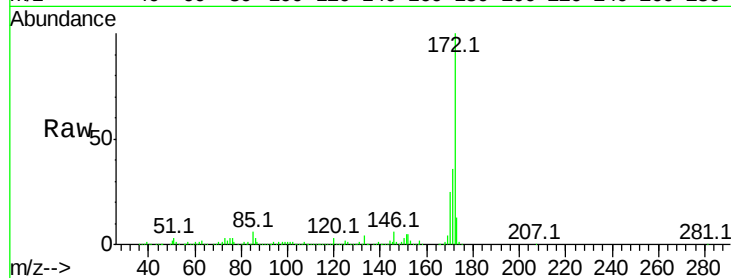




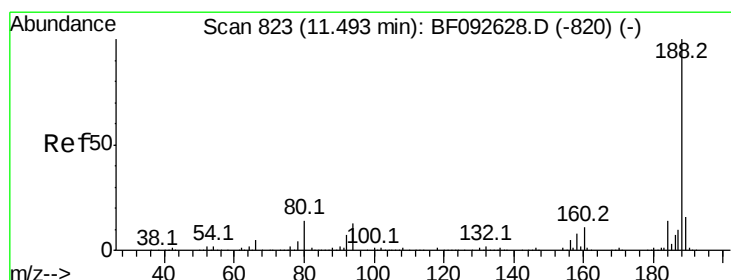
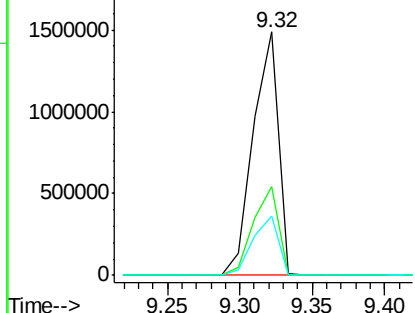
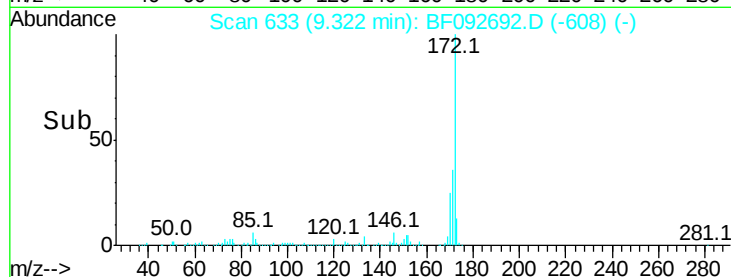
#44
2-Fluorobiphenyl
Concen: 167.35 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF092692.D
Acq: 31 Jan 2017 20:24

Instrument :
BNA_F
ClientSampleId :
B2-8

Tot Ion:172 Resp: 1794050
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 24.5 20.2 30.4

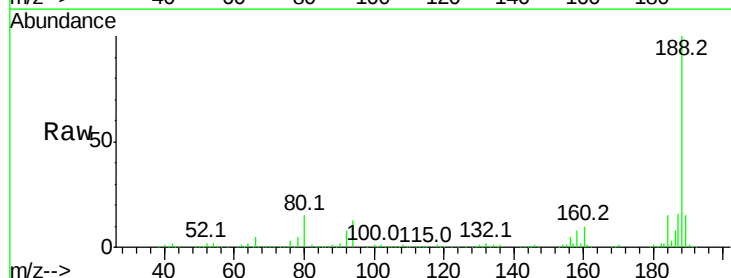


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

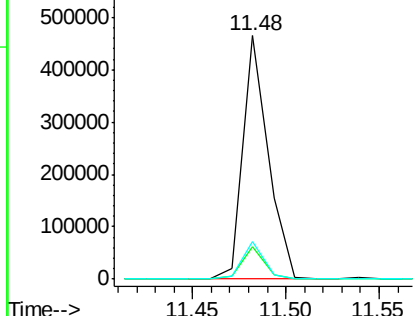
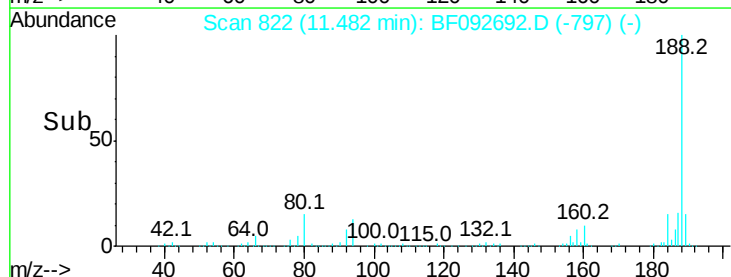


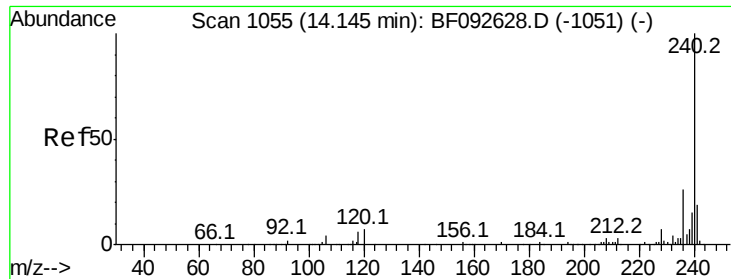
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092692.D
Acq: 31 Jan 2017 20:24

Tgt Ion:188 Resp: 441682
Ion Ratio Lower Upper
188 100
94 13.4 10.0 15.0
80 15.2 11.2 16.8



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: 20.00 ng

RT: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092692.D

Acq: 31 Jan 2017 20:24

Instrument :

BNA_F

ClientSampled :

B2-8

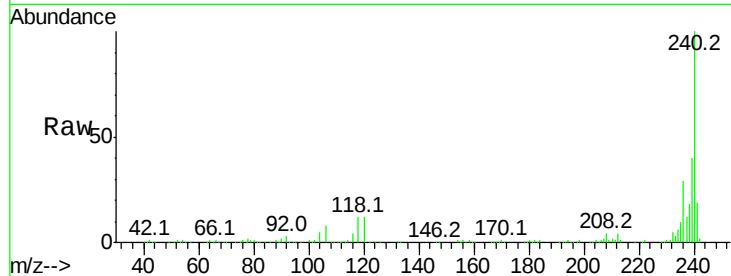
Tot Ion:240 Resp: 170937

Ion Ratio Lower Upper

240 100

120 12.2 12.9 19.3#

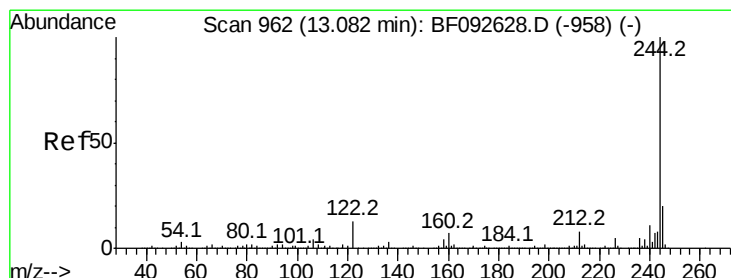
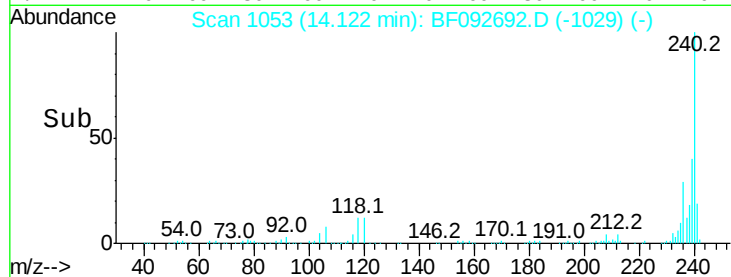
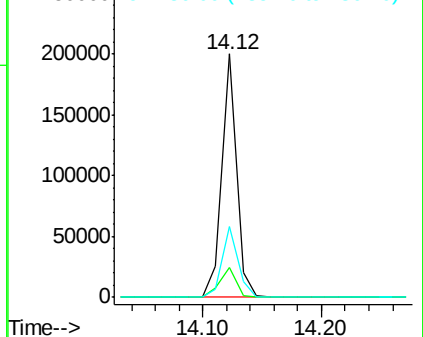
236 29.3 20.9 31.3



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: 172.52 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092692.D

Acq: 31 Jan 2017 20:24

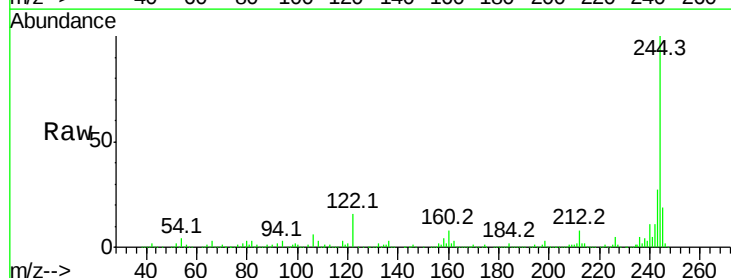
Tgt Ion:244 Resp: 1255045

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

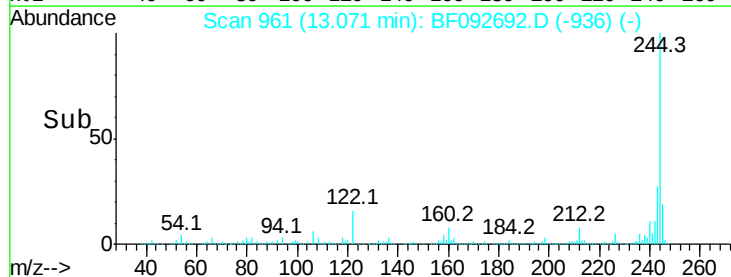
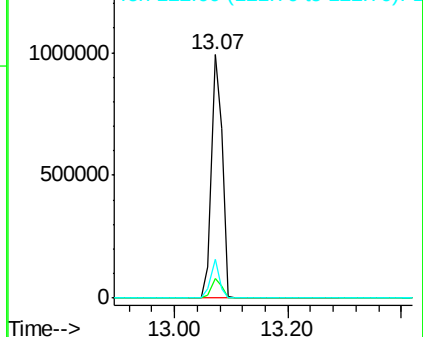
122 15.7 11.4 17.2

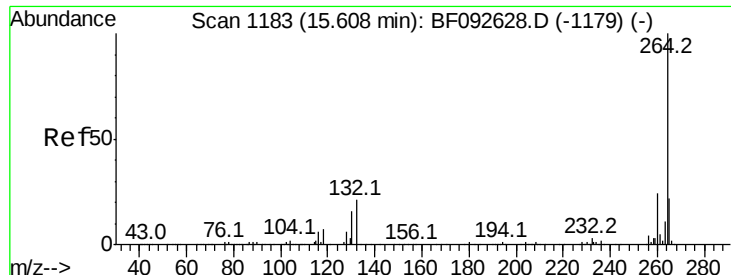


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF092692.D
Acq: 31 Jan 2017 20:24

Instrument :
BNA_F
ClientSampleId :
B2-8

Tot Ion:264 Resp: 5941
Ion Ratio Lower Upper
264 100
260 60.2 19.2 28.8#
265 23.0 17.4 26.0

