

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
 Data File : BF093889.D
 Acq On : 23 Mar 2017 19:59
 Operator : SJ/MA
 Sample : I2371-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0665

Quant Time: Mar 24 03:20:45 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

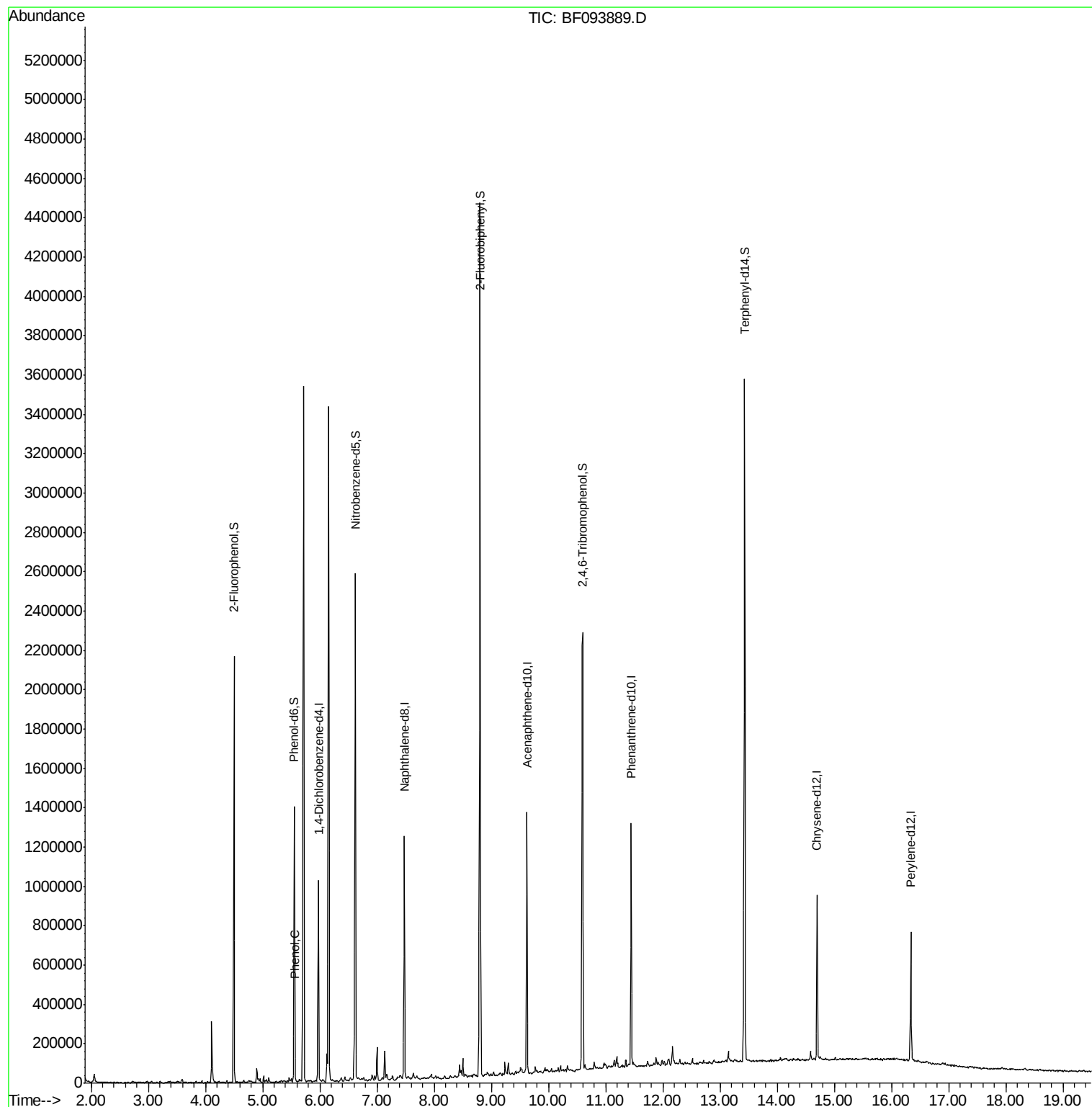
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	159502	20.00	ng	-0.01
21) Naphthalene-d8	7.47	136	636996	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	289596	20.00	ng	-0.02
63) Phenanthrene-d10	11.44	188	497915	20.00	ng	-0.02
75) Chrysene-d12	14.70	240	332438	20.00	ng	-0.02
86) Perylene-d12	16.34	264	264052	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	609338	64.52	ng	0.00
7) Phenol-d6	5.55	99	504201	43.16	ng	-0.02
23) Nitrobenzene-d5	6.62	82	1050155	94.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	321207	140.36	ng	-0.01
44) 2-Fluorobiphenyl	8.80	172	1843832	97.11	ng	-0.02
78) Terphenyl-d14	13.43	244	1303546	87.89	ng	0.00
Target Compounds						
10) Phenol	5.57	94	35316	2.66	ng	Qvalue 85

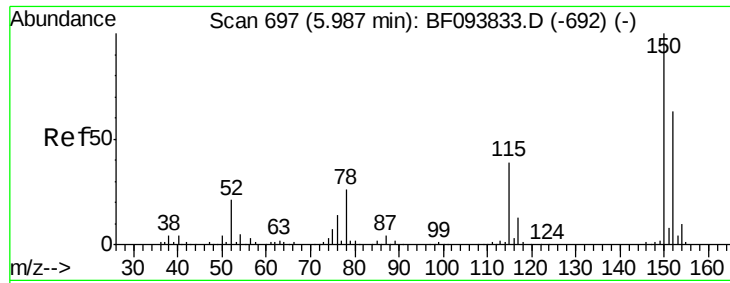
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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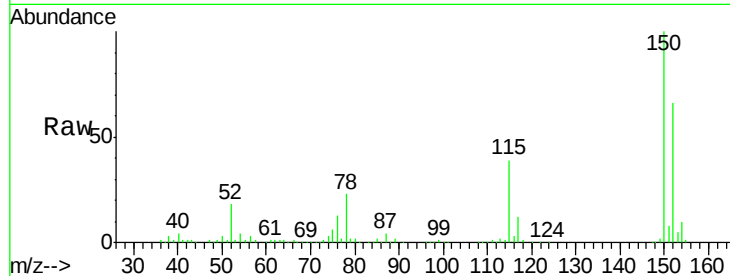




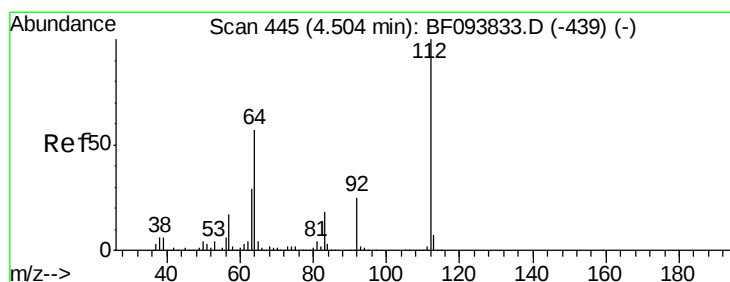
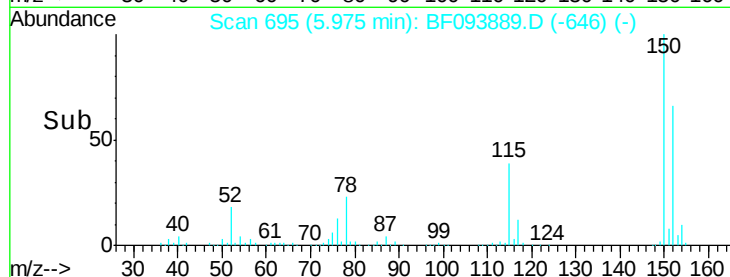
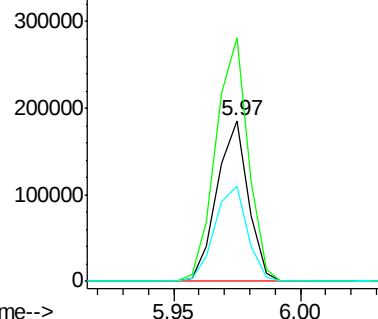
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.97 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF093889.D
 Acq: 23 Mar 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 S8-0665

Tgt Ion:152 Resp: 159502
 Ion Ratio Lower Upper
 152 100
 150 151.3 126.2 189.2
 115 59.0 52.2 78.2

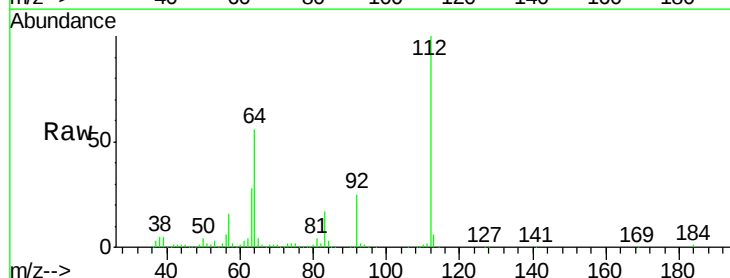


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

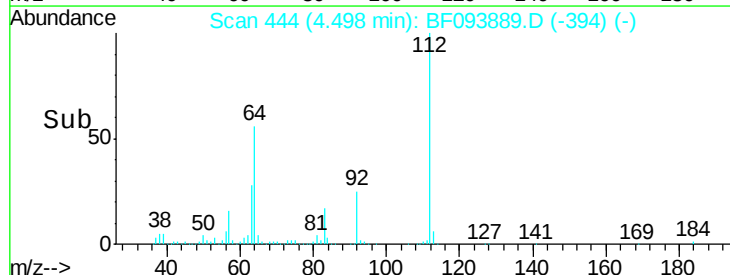
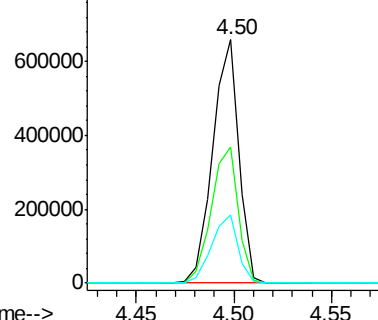


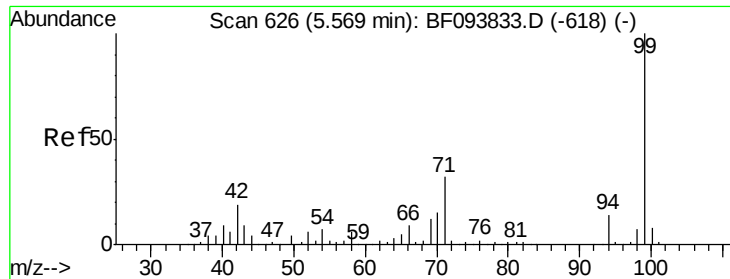
#5
 2-Fluorophenol
 Concen: 64.52 ng
 RT: 4.50 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF093889.D
 Acq: 23 Mar 2017 19:59

Tgt Ion:112 Resp: 609338
 Ion Ratio Lower Upper
 112 100
 64 55.7 46.0 69.0
 63 27.9 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: 43.16 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF093889.D

Acq: 23 Mar 2017 19:59

Instrument :

BNA_F

ClientSampleId :

S8-0665

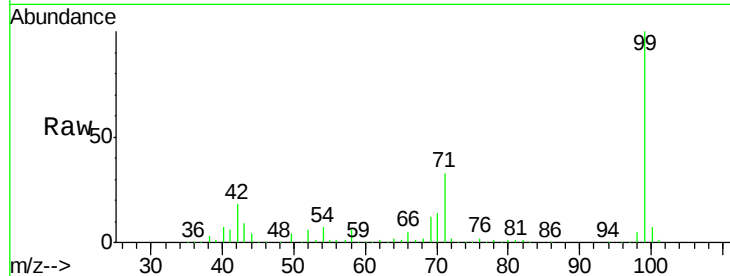
Tgt Ion: 99 Resp: 504201

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

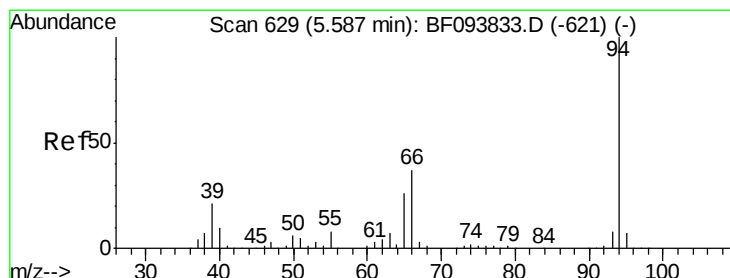
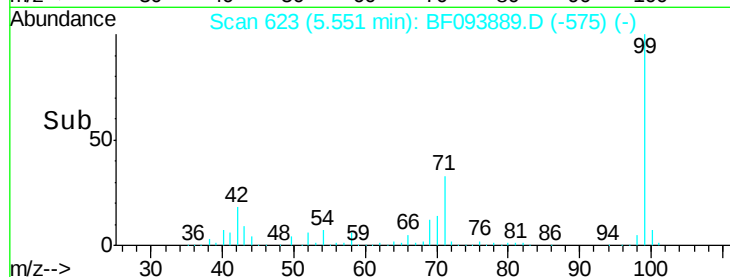
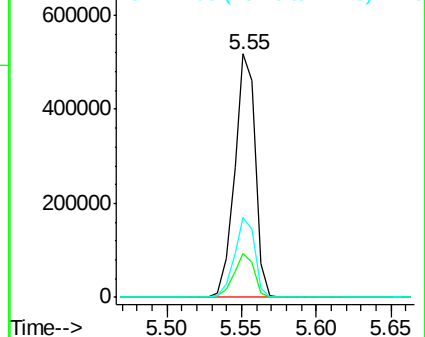
71 32.9 24.5 36.7



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



#10

Phenol

Concen: 2.66 ng

RT: 5.57 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF093889.D

Acq: 23 Mar 2017 19:59

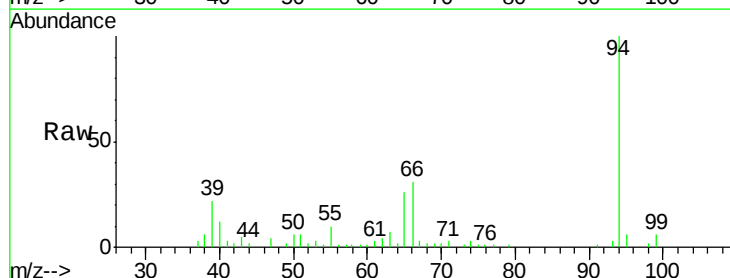
Tgt Ion: 94 Resp: 35316

Ion Ratio Lower Upper

94 100

65 25.5 9.9 49.9

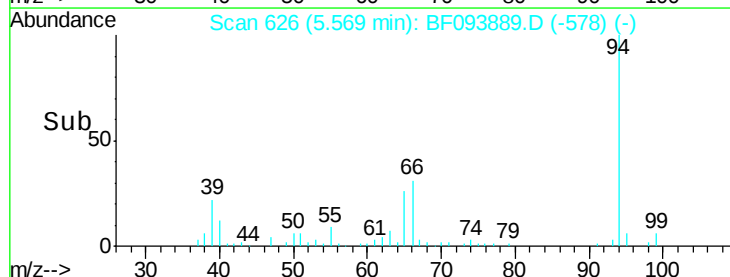
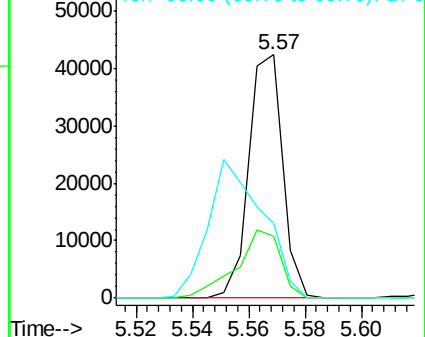
66 30.8 23.1 63.1

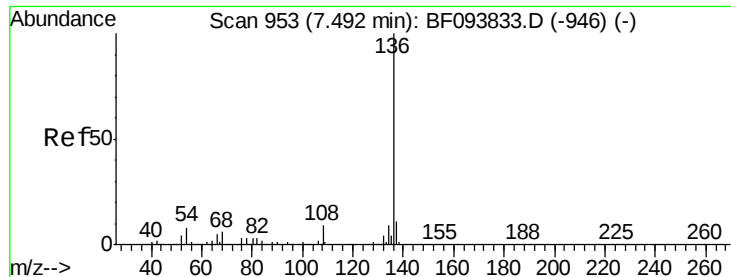


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.47 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093889.D

Acq: 23 Mar 2017 19:59

Instrument :

BNA_F

ClientSampleId :

S8-0665

Tgt Ion:136 Resp: 636996

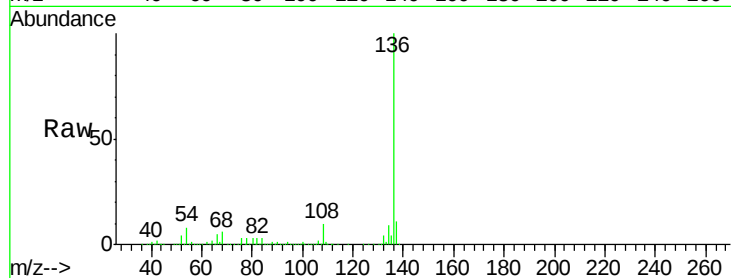
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.8 4.9 7.3#

68 6.4 4.1 6.1#

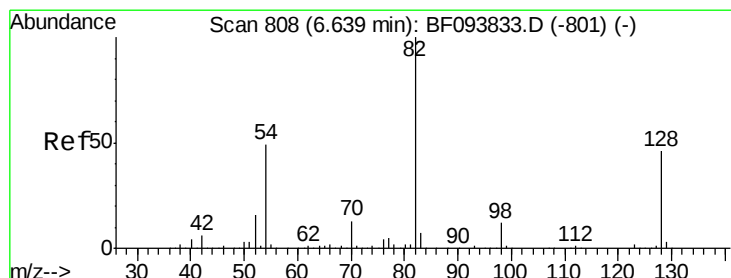
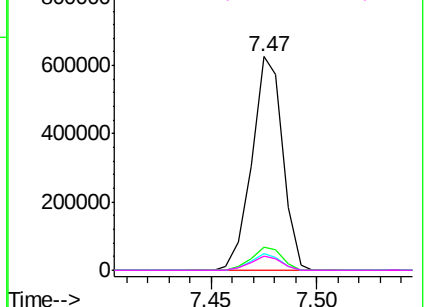
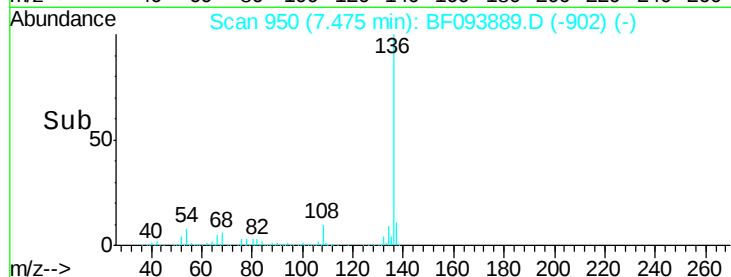


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.08 ng

RT: 6.62 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF093889.D

Acq: 23 Mar 2017 19:59

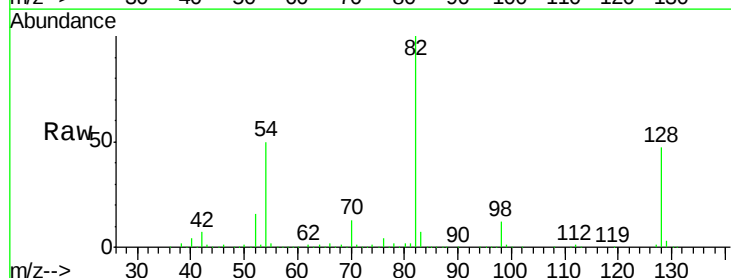
Tgt Ion: 82 Resp: 1050155

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

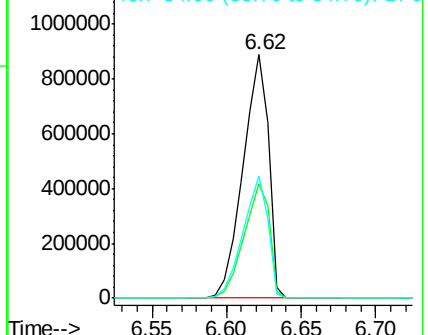
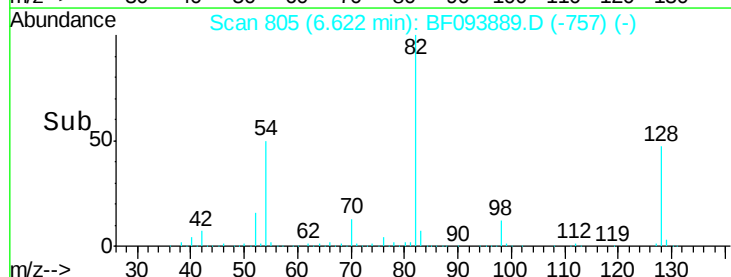
54 50.0 42.2 63.2

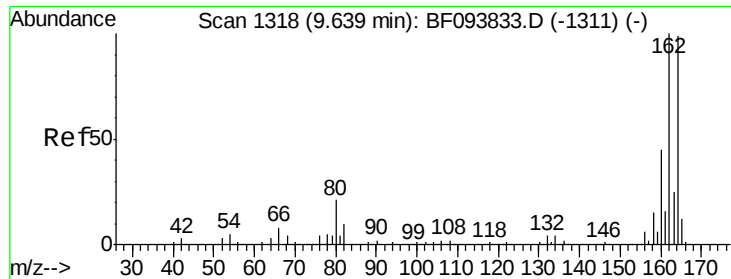


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF093889.D

Acq: 23 Mar 2017 19:59

Instrument :

BNA_F

ClientSampleId :

S8-0665

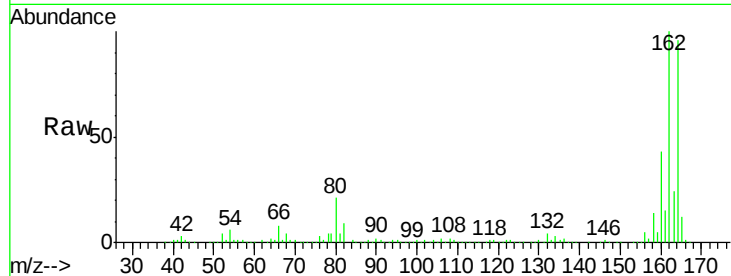
Tgt Ion:164 Resp: 289596

Ion Ratio Lower Upper

164 100

162 103.7 82.6 123.8

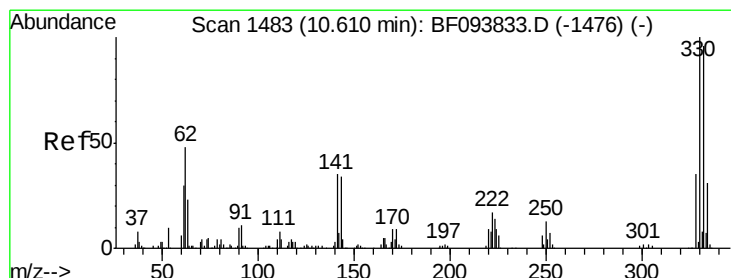
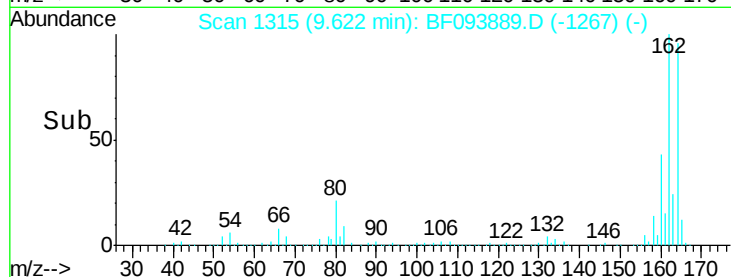
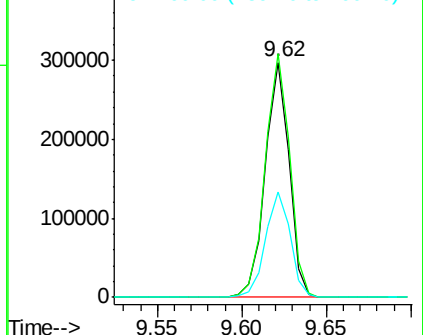
160 44.8 36.2 54.2



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: 140.36 ng

RT: 10.60 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF093889.D

Acq: 23 Mar 2017 19:59

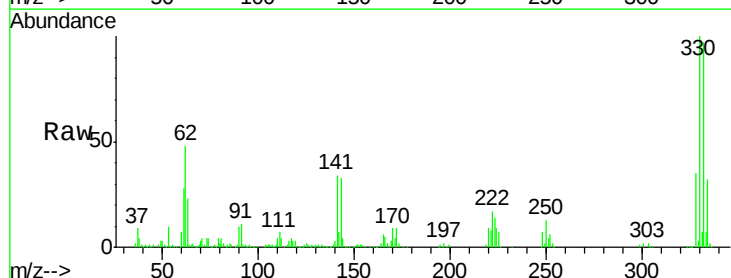
Tgt Ion:330 Resp: 321207

Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

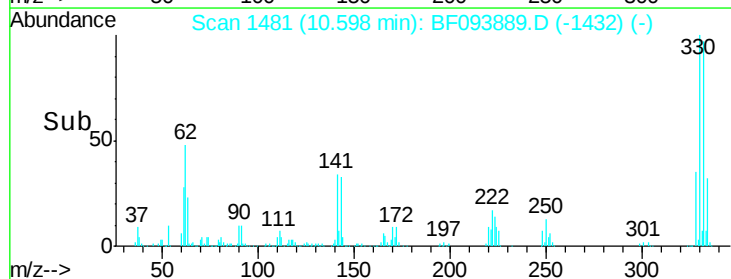
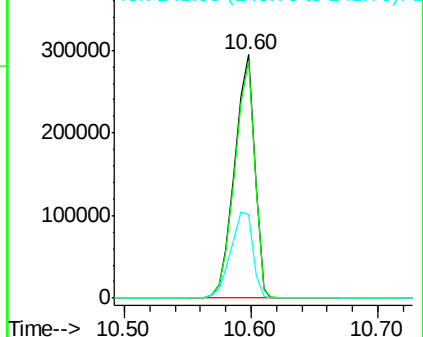
141 39.3 31.4 47.2

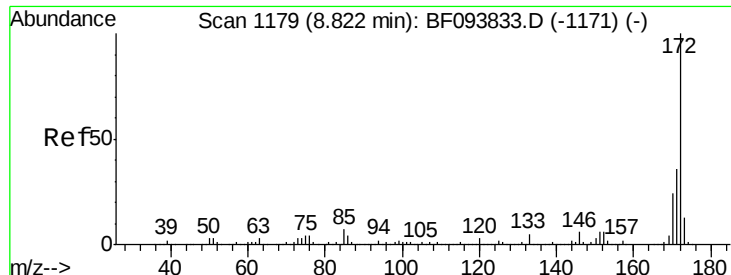


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

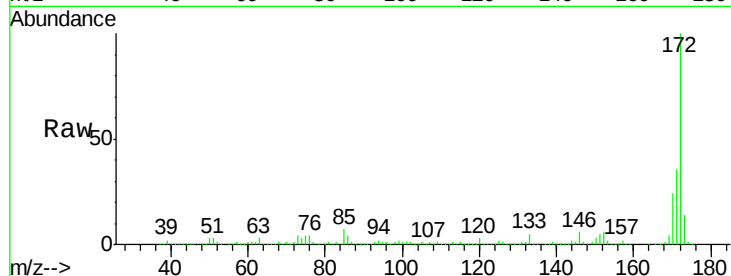




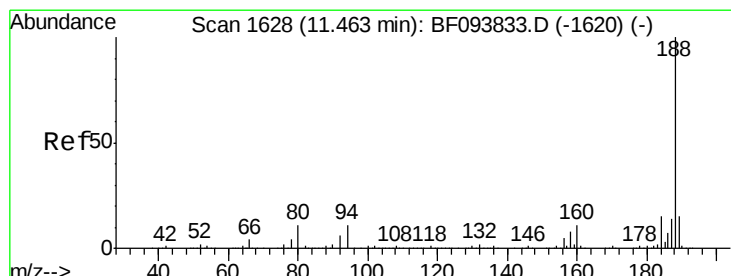
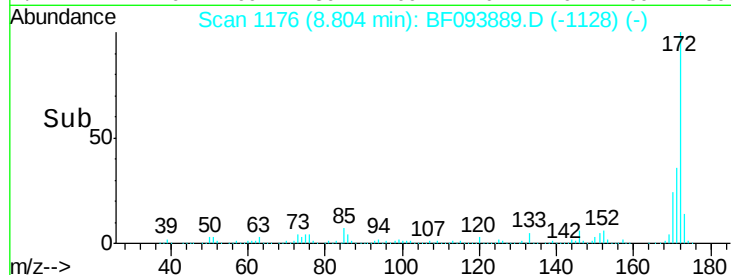
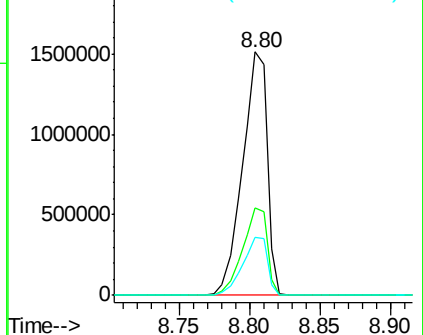
#44
2-Fluorobiphenyl
Concen: 97.11 ng
RT: 8.80 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF093889.D
Acq: 23 Mar 2017 19:59

Instrument :
BNA_F
ClientSampleId :
S8-0665

Tgt Ion:172 Resp: 1843832
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.1 19.8 29.8

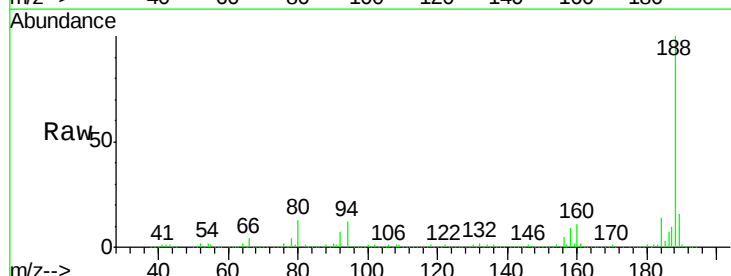


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

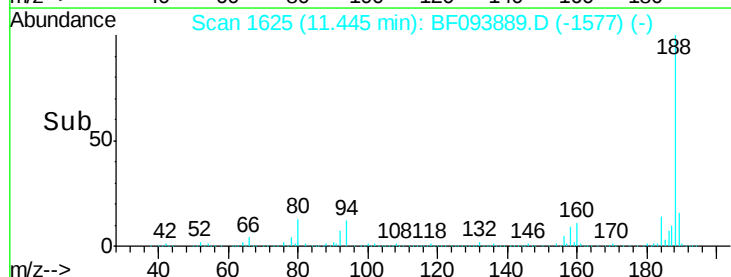
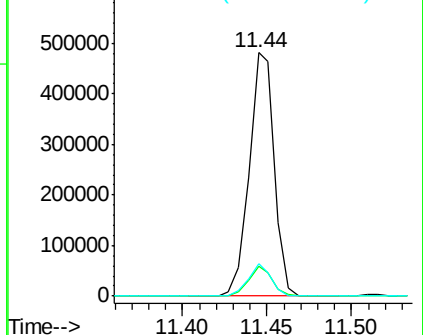


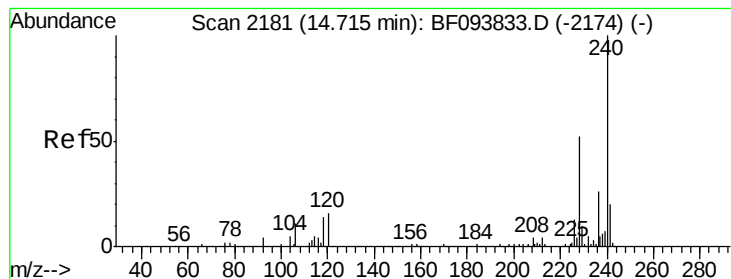
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1625
Delta R.T. -0.02 min
Lab File: BF093889.D
Acq: 23 Mar 2017 19:59

Tgt Ion:188 Resp: 497915
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 13.1 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: 20.00 ng

RT: 14.70 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BF093889.D

Acq: 23 Mar 2017 19:59

Instrument :

BNA_F

ClientSampleId :

S8-0665

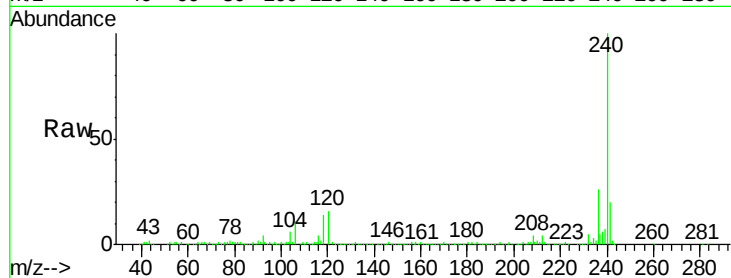
Tgt Ion:240 Resp: 332438

Ion Ratio Lower Upper

240 100

120 16.4 5.8 8.8#

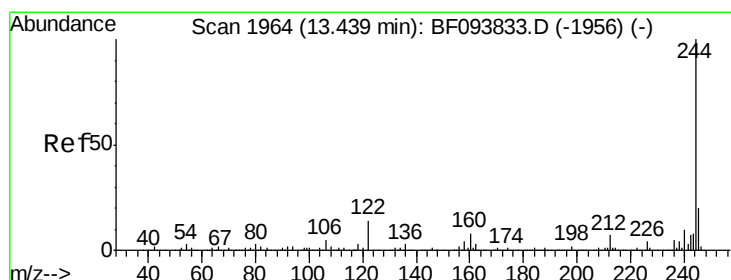
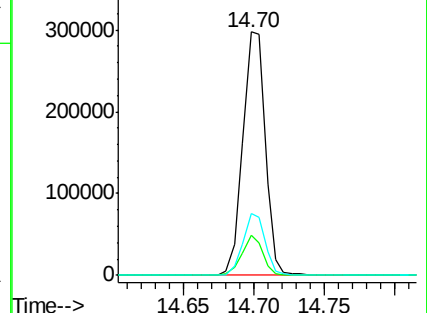
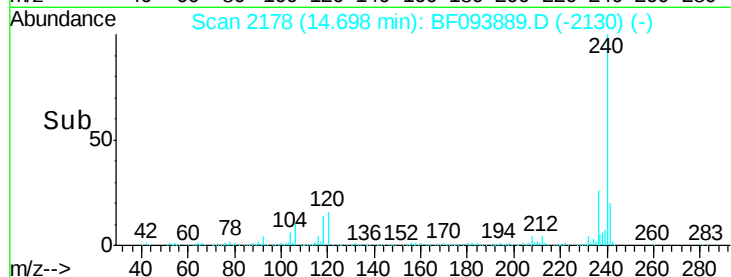
236 25.6 20.5 30.7



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: 87.89 ng

RT: 13.43 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BF093889.D

Acq: 23 Mar 2017 19:59

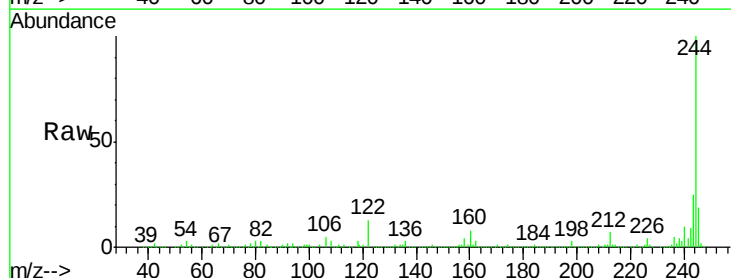
Tgt Ion:244 Resp: 1303546

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

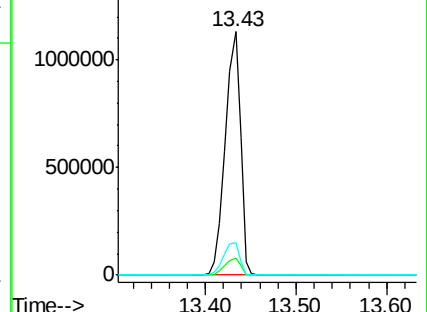
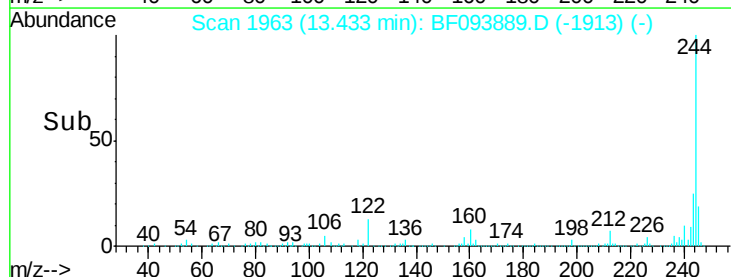
122 13.5 10.3 15.5

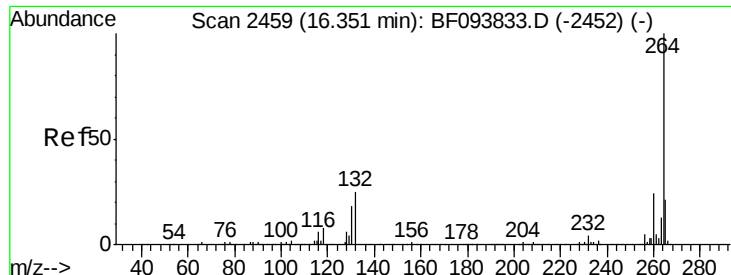


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

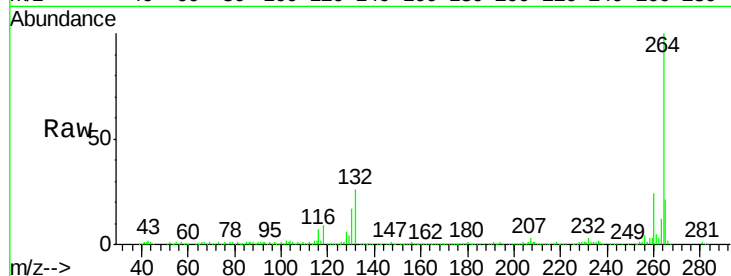




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.34 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BF093889.D
Acq: 23 Mar 2017 19:59

Instrument :
BNA_F
ClientSampleId :
S8-0665

Tgt Ion: 264 Resp: 264052
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 21.0 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

