

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
 Data File : BF093881.D
 Acq On : 23 Mar 2017 16:17
 Operator : SJ/MA
 Sample : I2362-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666

Quant Time: Mar 24 02:07:20 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	175142	20.00	ng	-0.01
21) Naphthalene-d8	7.47	136	691259	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	320422	20.00	ng	-0.02
63) Phenanthrene-d10	11.45	188	577918	20.00	ng	-0.02
75) Chrysene-d12	14.70	240	495181	20.00	ng	-0.02
86) Perylene-d12	16.34	264	373774	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.49	112	639190	61.64	ng	-0.01
7) Phenol-d6	5.55	99	487417	38.00	ng	-0.02
23) Nitrobenzene-d5	6.62	82	1081126	89.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	379720	149.97	ng	-0.02
44) 2-Fluorobiphenyl	8.80	172	1886949	89.82	ng	-0.02
78) Terphenyl-d14	13.43	244	1639687	74.22	ng	0.00

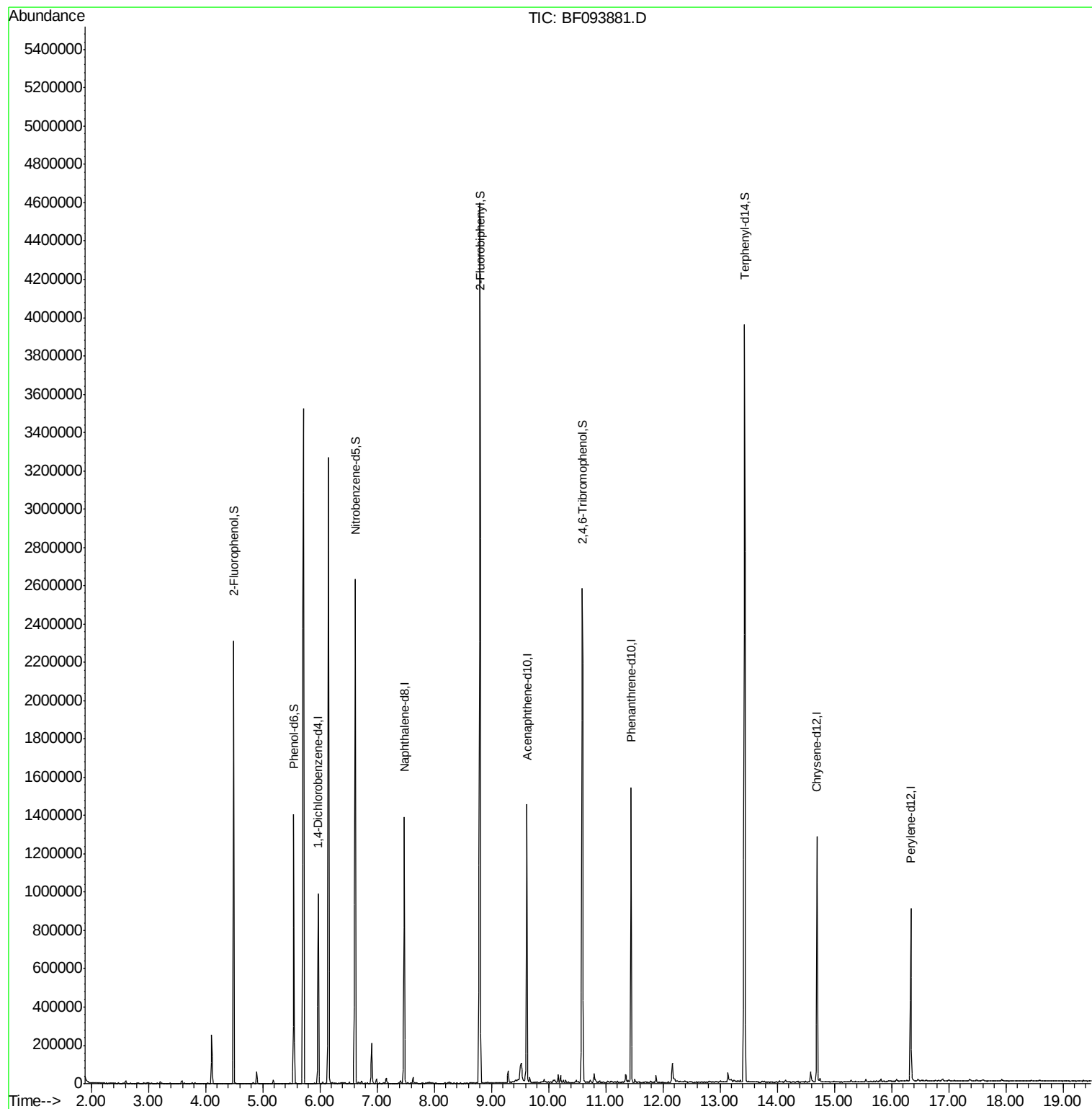
Target Compounds	Qvalue
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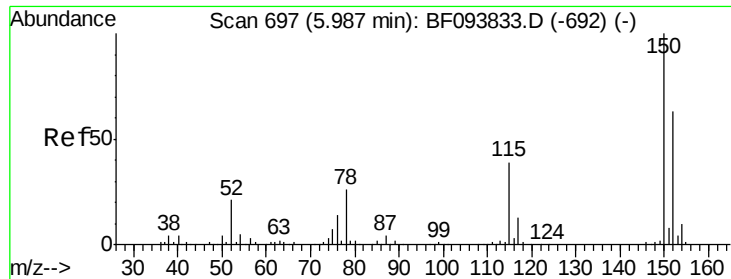
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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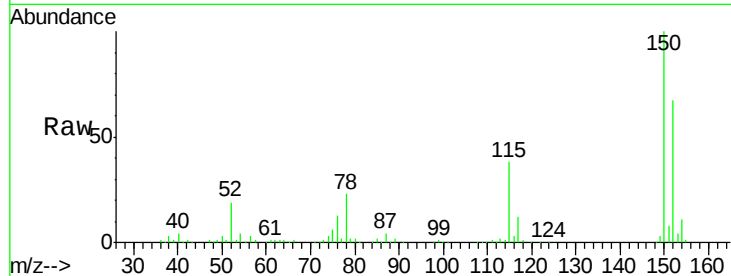




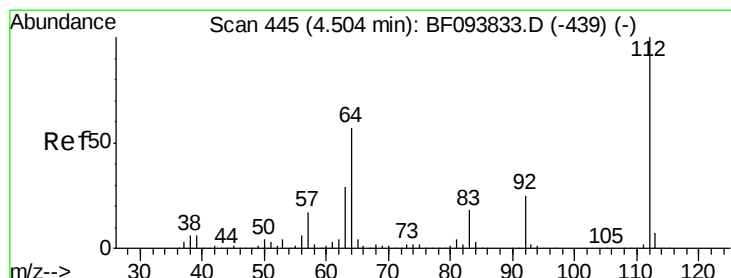
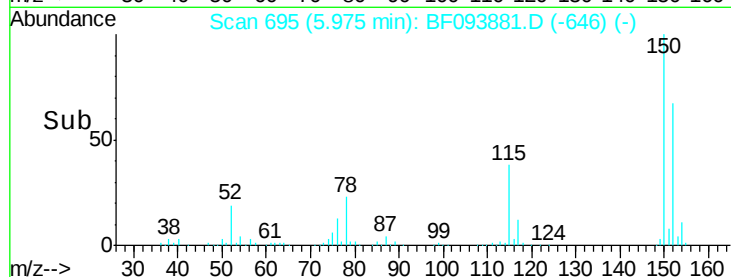
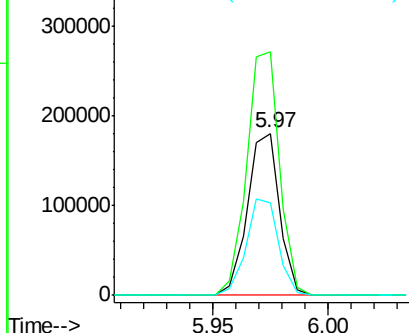
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.97 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF093881.D
 Acq: 23 Mar 2017 16:17

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666

Tgt Ion:152 Resp: 175142
 Ion Ratio Lower Upper
 152 100
 150 150.0 126.2 189.2
 115 56.9 52.2 78.2

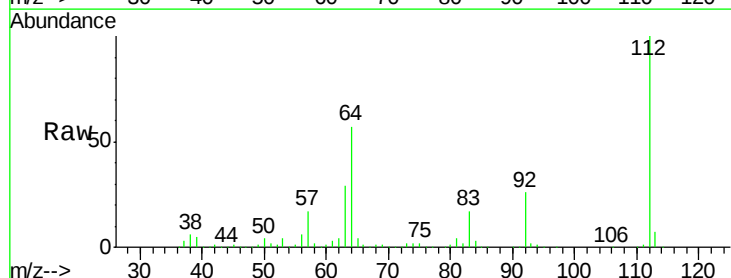


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

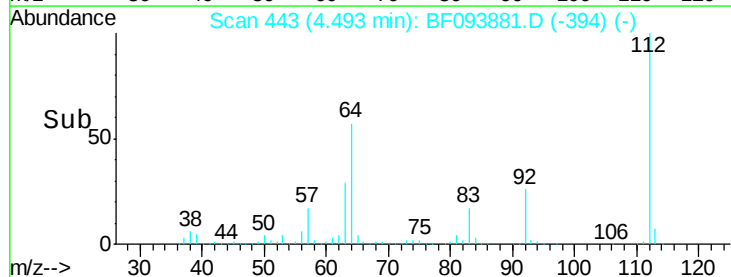
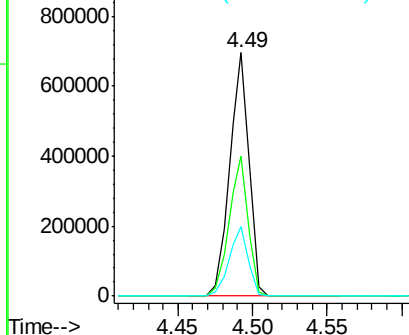


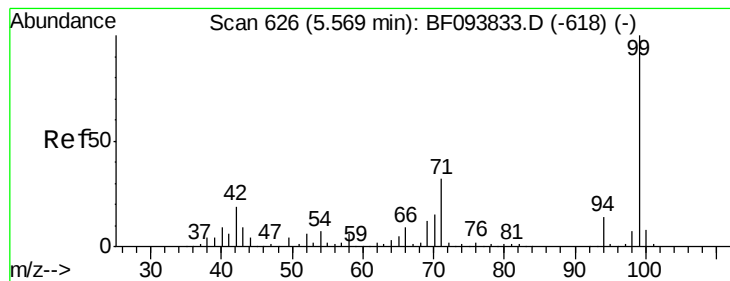
#5
 2-Fluorophenol
 Concen: 61.64 ng
 RT: 4.49 min Scan# 443
 Delta R.T. -0.01 min
 Lab File: BF093881.D
 Acq: 23 Mar 2017 16:17

Tgt Ion:112 Resp: 639190
 Ion Ratio Lower Upper
 112 100
 64 57.4 46.0 69.0
 63 28.7 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: 38.00 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF093881.D

Acq: 23 Mar 2017 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0666

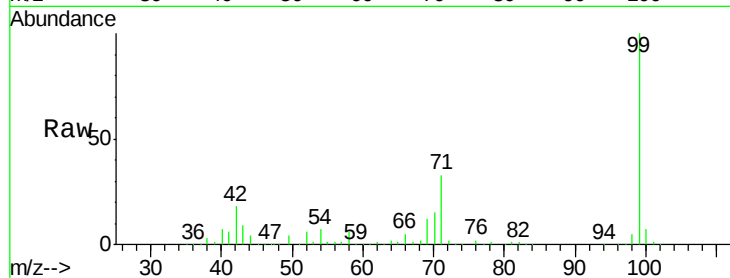
Tgt Ion: 99 Resp: 487417

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

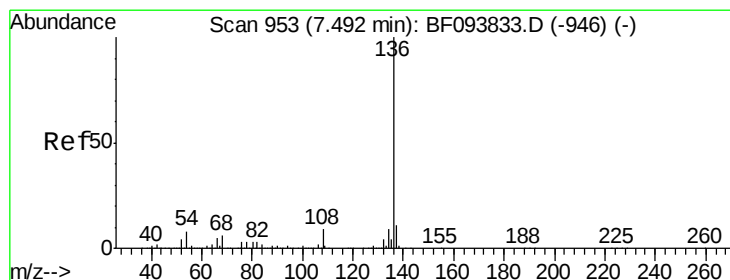
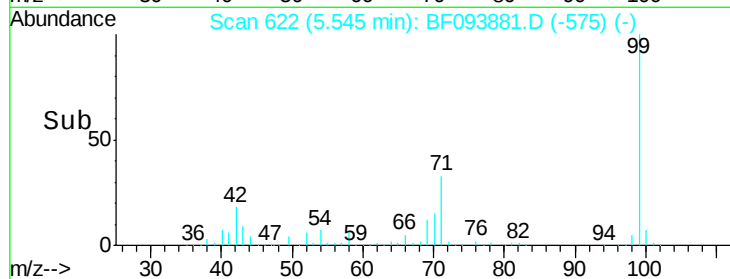
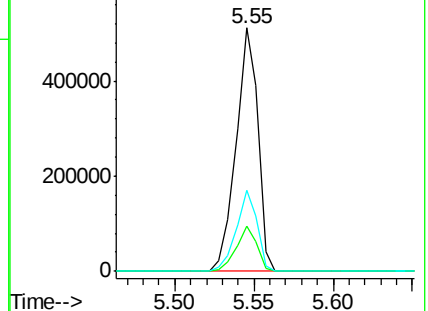
71 33.4 24.5 36.7



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: 20.00 ng

RT: 7.47 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093881.D

Acq: 23 Mar 2017 16:17

Tgt Ion: 136 Resp: 691259

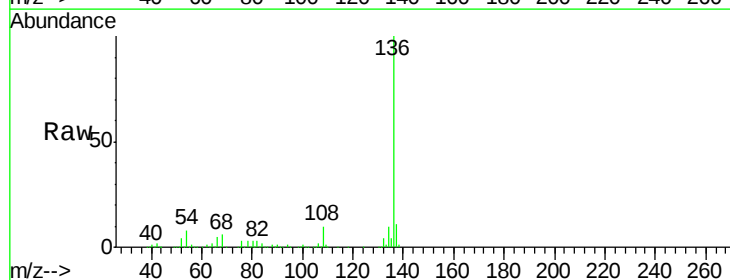
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 8.3 4.9 7.3#

68 6.5 4.1 6.1#

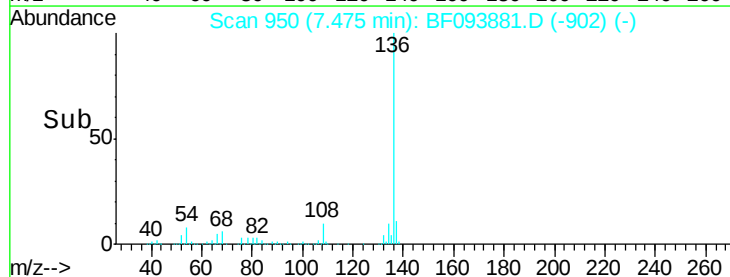
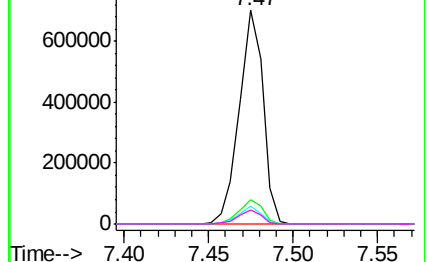


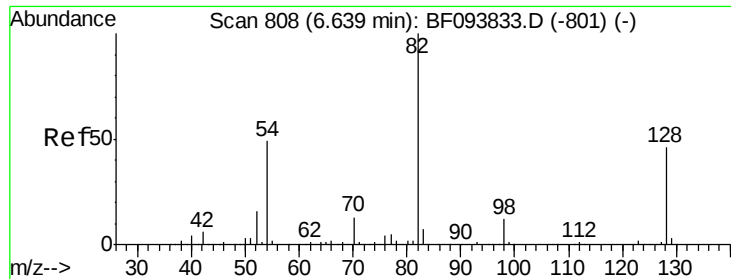
Abundance Ion 136.00 (135.70 to 136.70): E

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

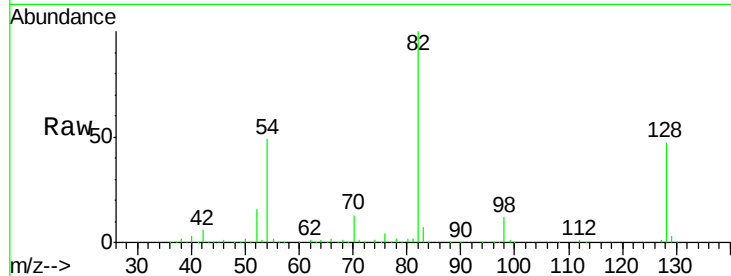




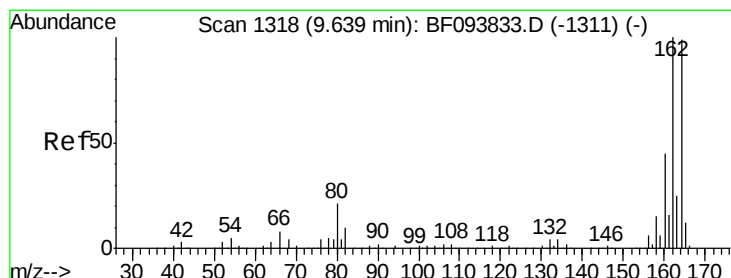
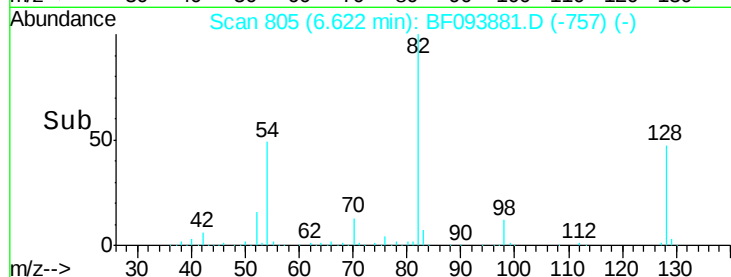
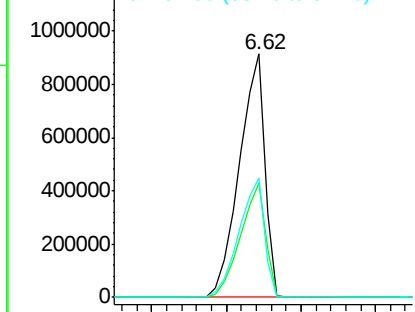
#23
Nitrobenzene-d5
Concen: 89.26 ng
RT: 6.62 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF093881.D
Acq: 23 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0666

Tgt Ion: 82 Resp: 1081126
Ion Ratio Lower Upper
82 100
128 47.1 34.0 51.0
54 49.3 42.2 63.2

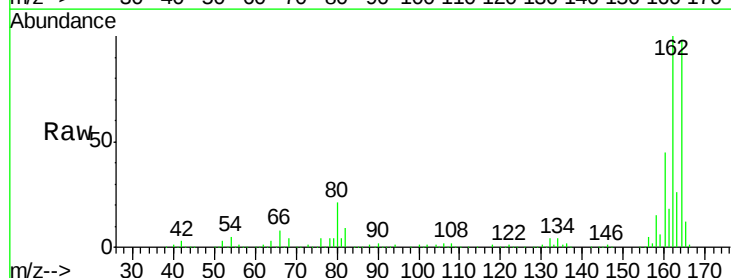


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

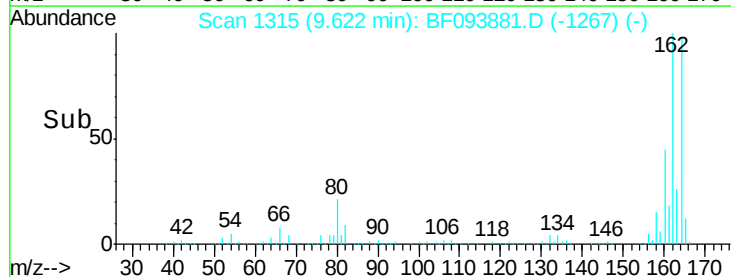
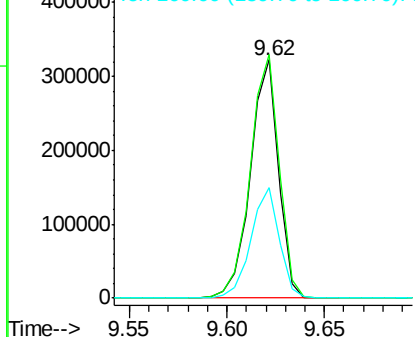


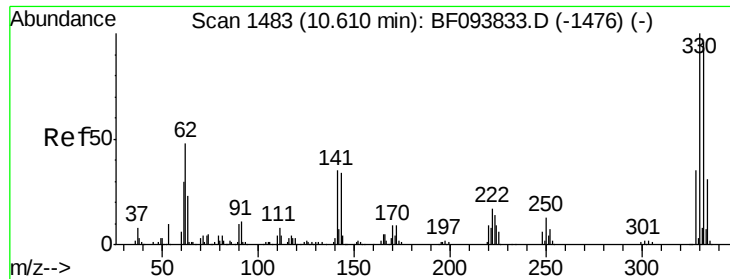
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF093881.D
Acq: 23 Mar 2017 16:17

Tgt Ion: 164 Resp: 320422
Ion Ratio Lower Upper
164 100
162 102.2 82.6 123.8
160 46.3 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

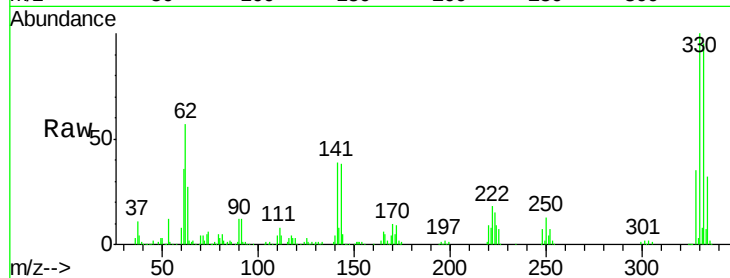




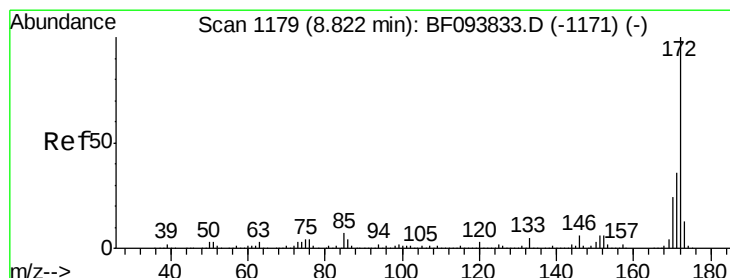
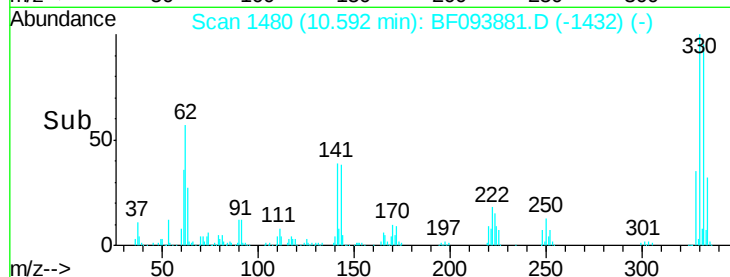
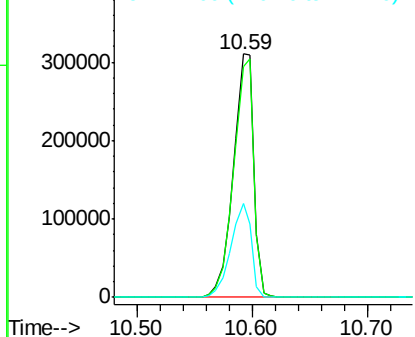
#41
 2,4,6-Tribromophenol
 Concen: 149.97 ng
 RT: 10.59 min Scan# 1480
 Delta R.T. -0.02 min
 Lab File: BF093881.D
 Acq: 23 Mar 2017 16:17

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666

Tgt Ion:330 Resp: 379720
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 38.8 31.4 47.2

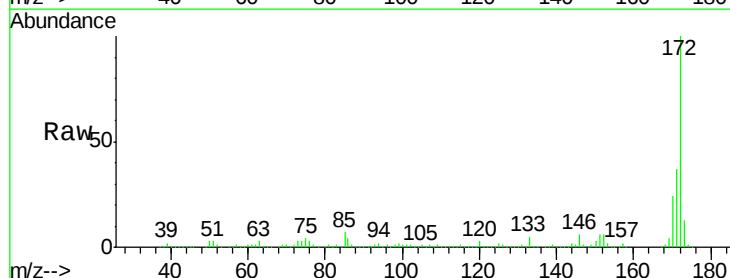


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

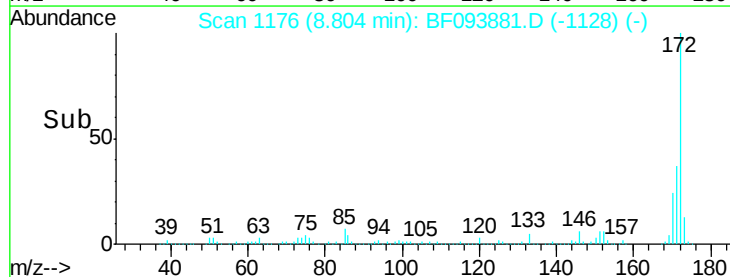
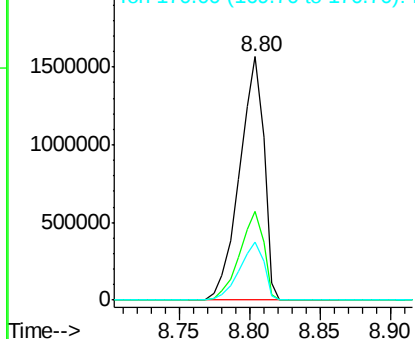


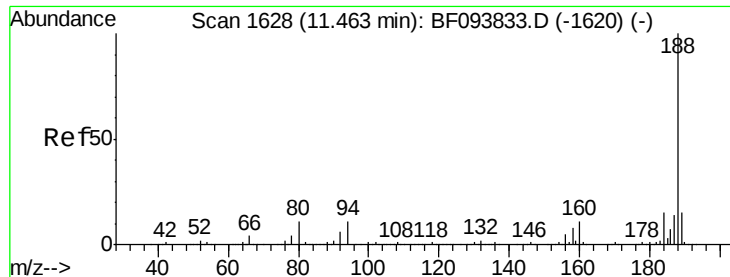
#44
 2-Fluorobiphenyl
 Concen: 89.82 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF093881.D
 Acq: 23 Mar 2017 16:17

Tgt Ion:172 Resp: 1886949
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.0 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

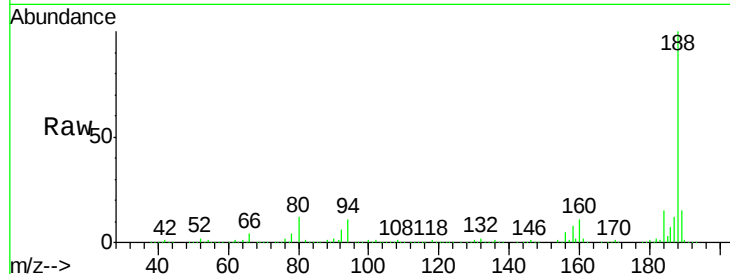




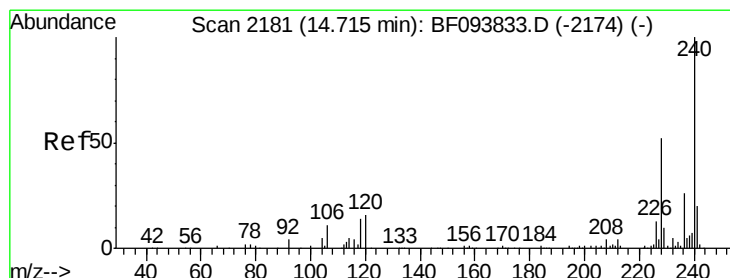
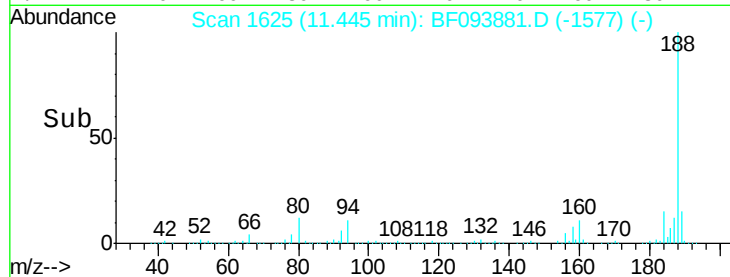
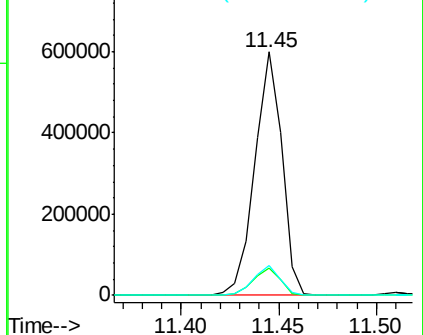
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1625
Delta R.T. -0.02 min
Lab File: BF093881.D
Acq: 23 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0666

Tgt Ion:188 Resp: 577918
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.1 10.2 15.2

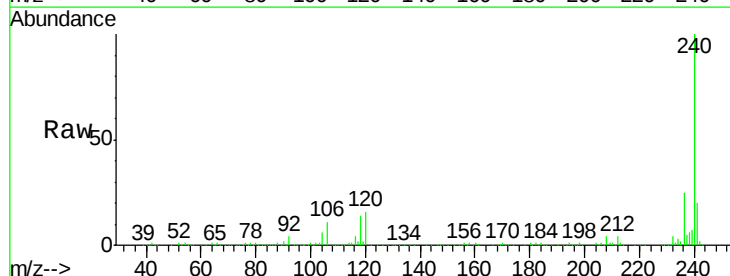


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

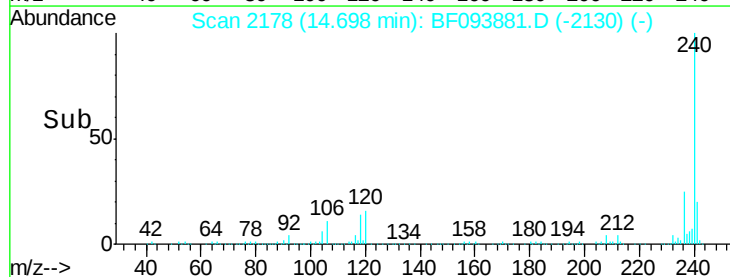
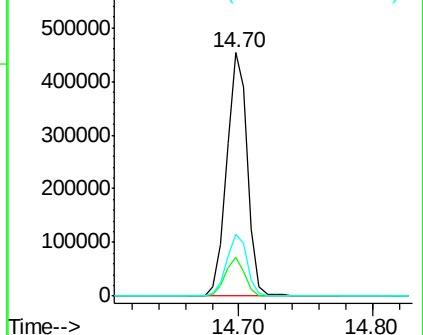


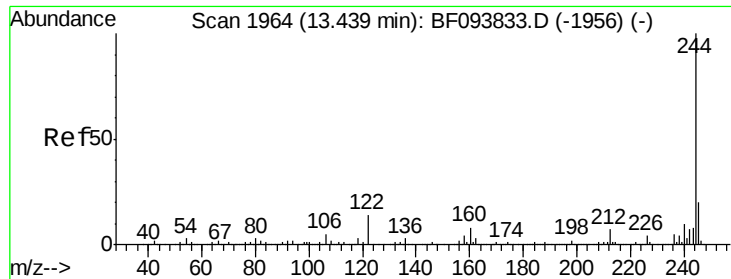
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.70 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF093881.D
Acq: 23 Mar 2017 16:17

Tgt Ion:240 Resp: 495181
Ion Ratio Lower Upper
240 100
120 15.9 5.8 8.8#
236 25.3 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

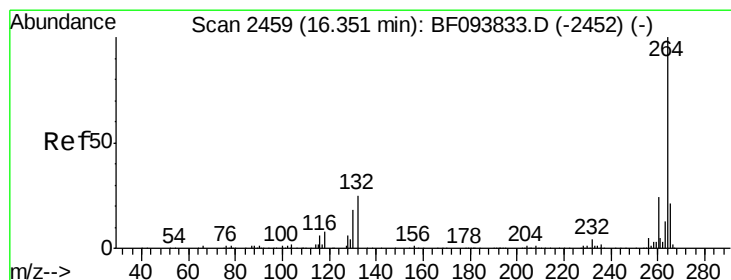
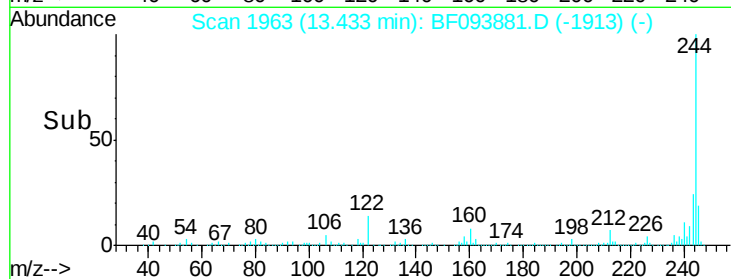
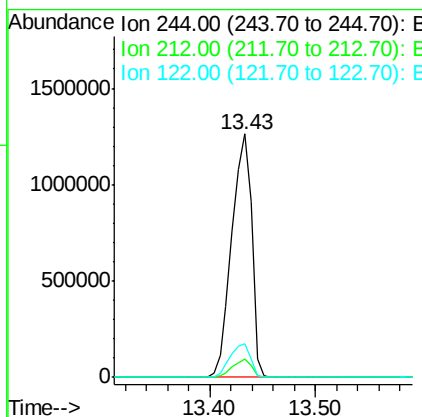
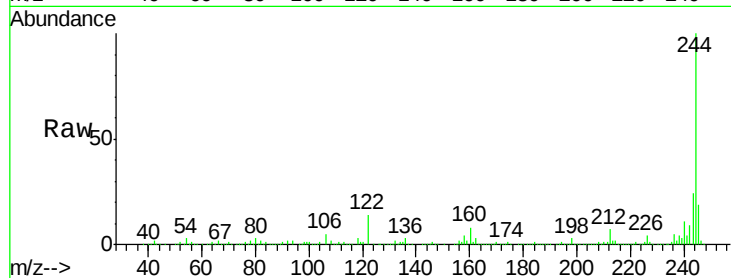




#78
 Terphenyl-d14
 Concen: 74.22 ng
 RT: 13.43 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BF093881.D
 Acq: 23 Mar 2017 16:17

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666

Tgt Ion:244 Resp: 1639687
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.34 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BF093881.D
 Acq: 23 Mar 2017 16:17

Tgt Ion:264 Resp: 373774
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.6 17.2 25.8

