

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
 Data File : BF093878.D
 Acq On : 23 Mar 2017 14:56
 Operator : SJ/MA
 Sample : PB97768BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97768BL

Quant Time: Mar 24 02:02:15 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	180171	20.00	ng	-0.01
21) Naphthalene-d8	7.47	136	735616	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	335691	20.00	ng	-0.02
63) Phenanthrene-d10	11.45	188	614142	20.00	ng	-0.02
75) Chrysene-d12	14.70	240	533562	20.00	ng	-0.01
86) Perylene-d12	16.34	264	417607	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	1295561	121.45	ng	0.00
7) Phenol-d6	5.56	99	1618450	122.64	ng	-0.01
23) Nitrobenzene-d5	6.62	82	984262	76.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	353521	133.27	ng	-0.02
44) 2-Fluorobiphenyl	8.80	172	1778892	80.83	ng	-0.02
78) Terphenyl-d14	13.43	244	1575670	66.19	ng	0.00

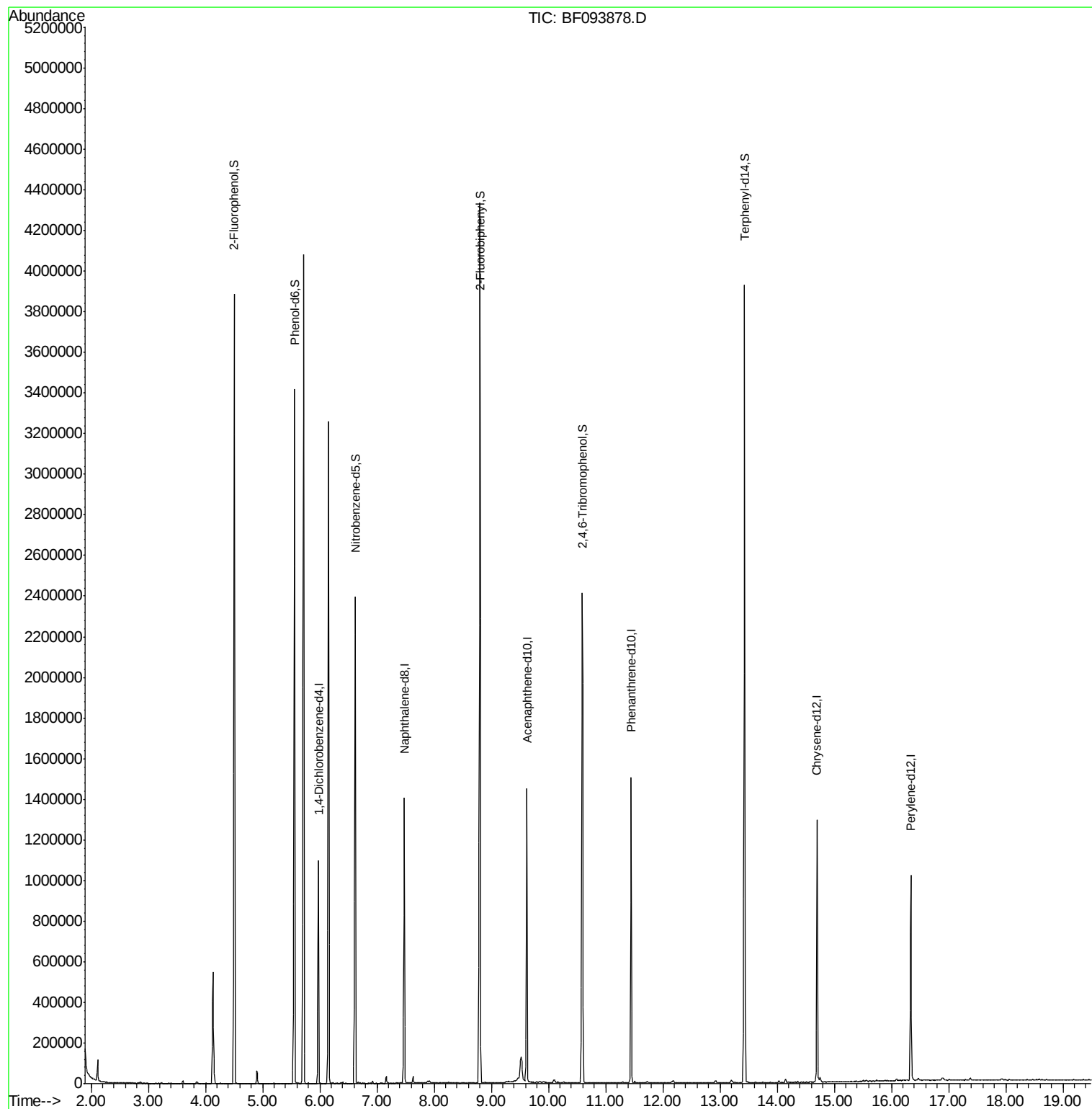
Target Compounds	Qvalue
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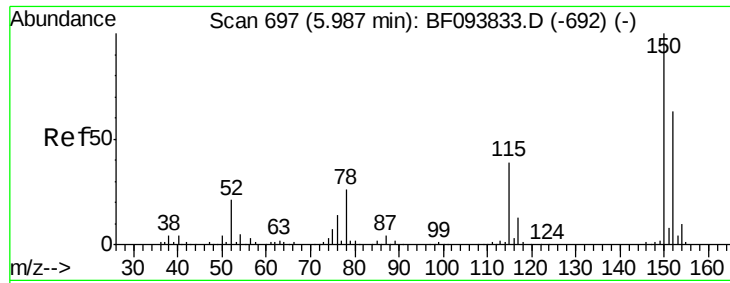
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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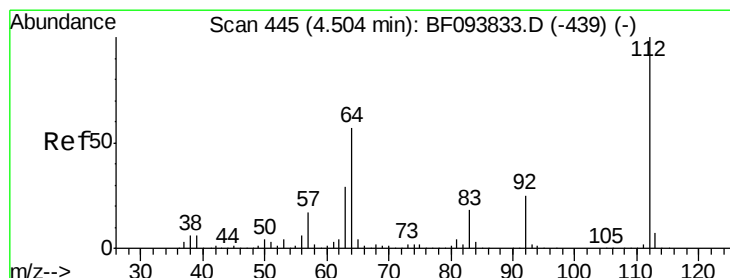
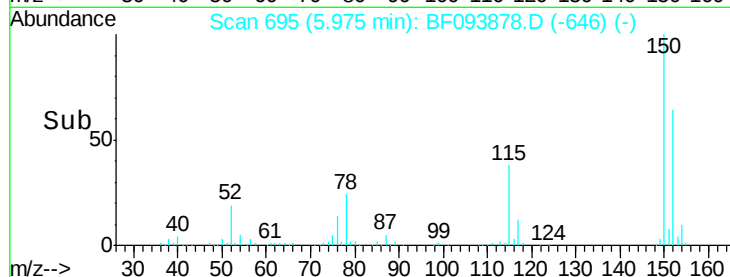
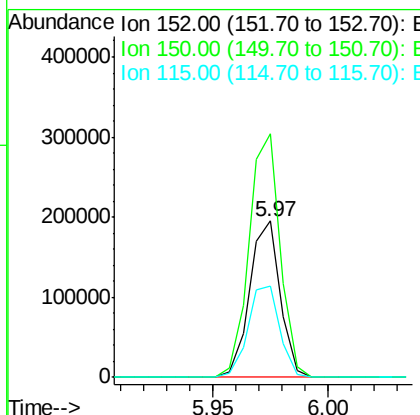
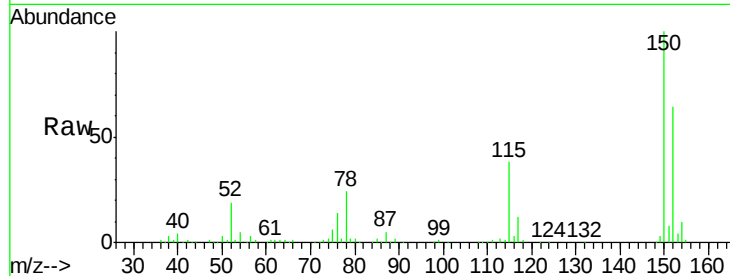




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.97 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF093878.D
 Acq: 23 Mar 2017 14:56

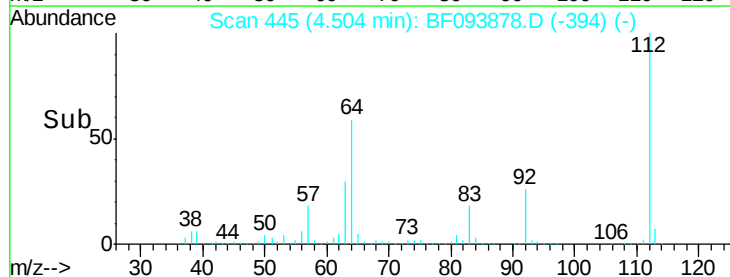
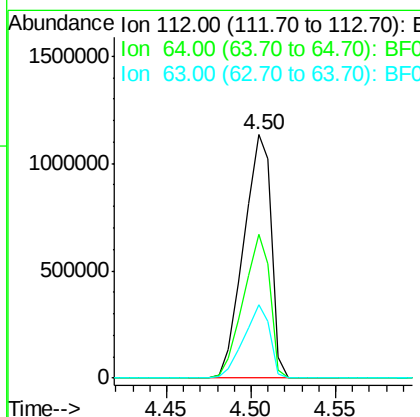
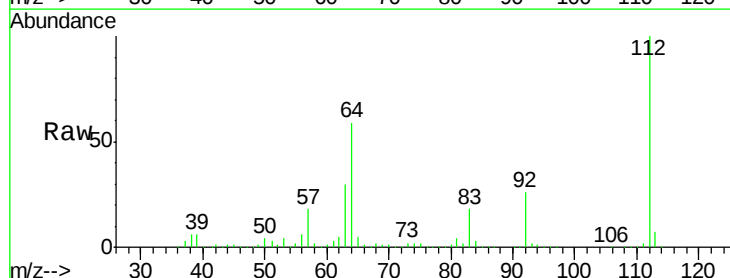
Instrument :
 BNA_F
 ClientSampleId :
 PB97768BL

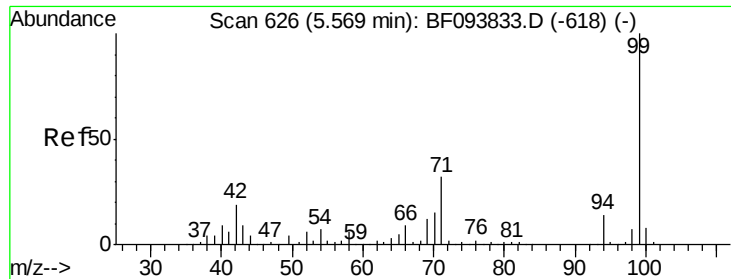
Tgt Ion:152 Resp: 180171
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.2 189.2
 115 58.8 52.2 78.2



#5
 2-Fluorophenol
 Concen: 121.45 ng
 RT: 4.50 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF093878.D
 Acq: 23 Mar 2017 14:56

Tgt Ion:112 Resp: 1295561
 Ion Ratio Lower Upper
 112 100
 64 59.2 46.0 69.0
 63 30.0 23.4 35.0





#7

Phenol-d6

Concen: 122.64 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093878.D

Acq: 23 Mar 2017 14:56

Instrument :

BNA_F

ClientSampleId :

PB97768BL

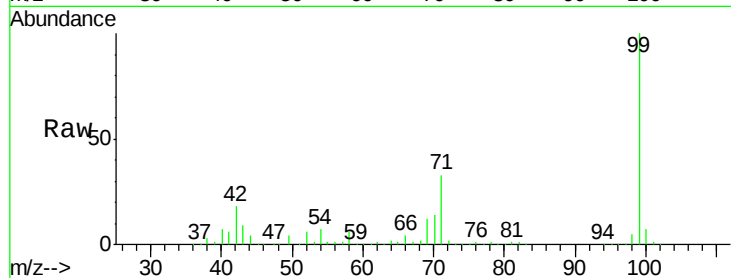
Tgt Ion: 99 Resp: 1618450

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

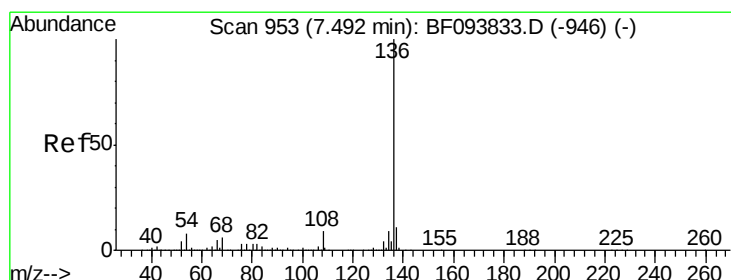
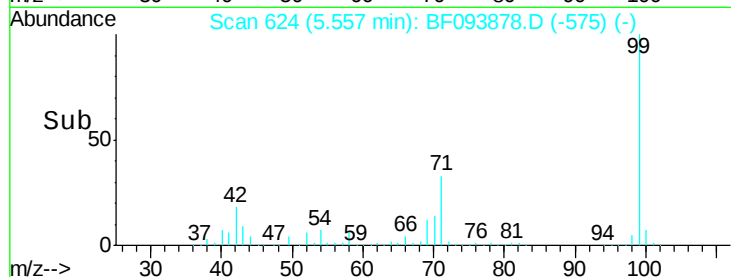
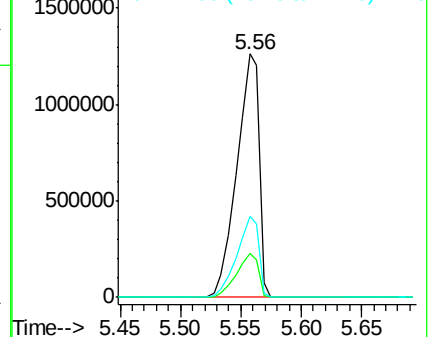
71 33.1 24.5 36.7



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: BF093878.D

Acq: 23 Mar 2017 14:56

Tgt Ion: 136 Resp: 735616

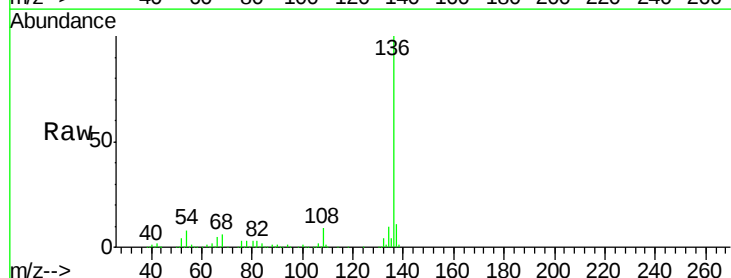
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.1 4.9 7.3#

68 6.2 4.1 6.1#

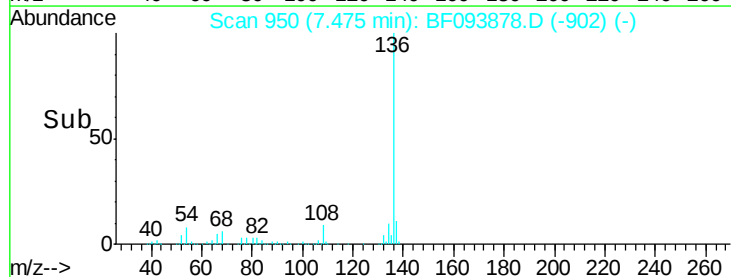
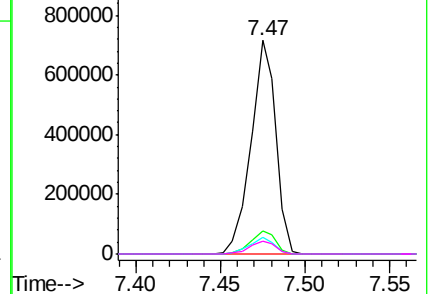


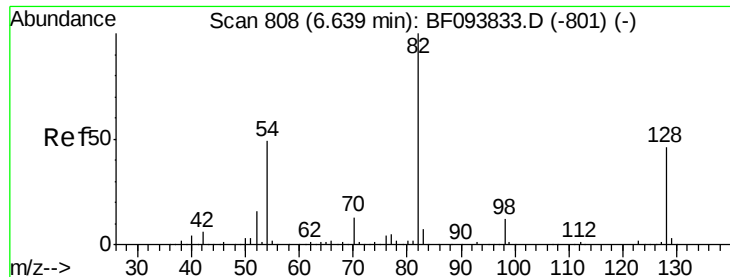
Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.36 ng

RT: 6.62 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF093878.D

Acq: 23 Mar 2017 14:56

Instrument :

BNA_F

ClientSampleId :

PB97768BL

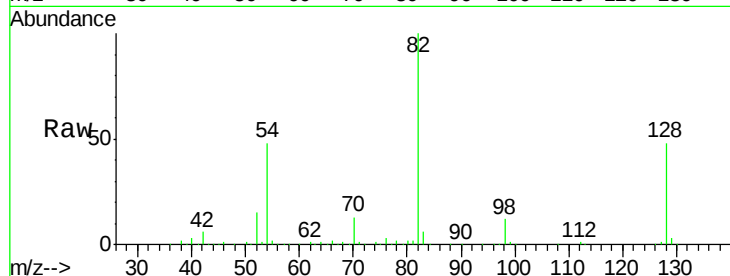
Tgt Ion: 82 Resp: 984262

Ion Ratio Lower Upper

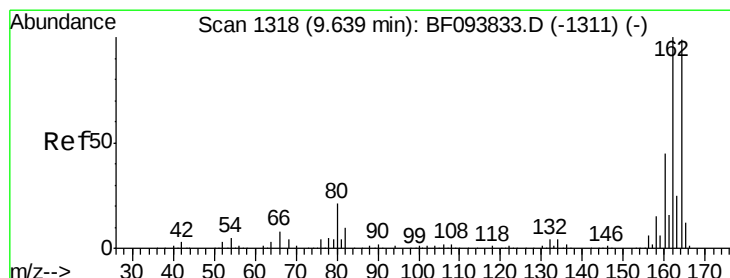
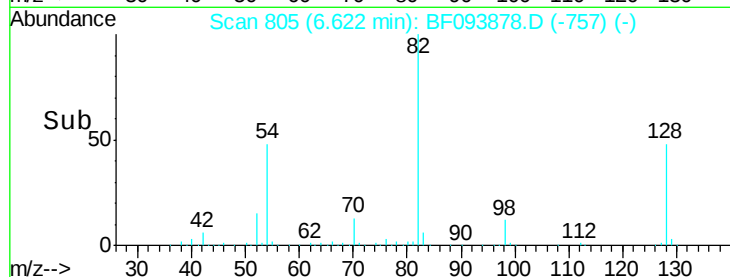
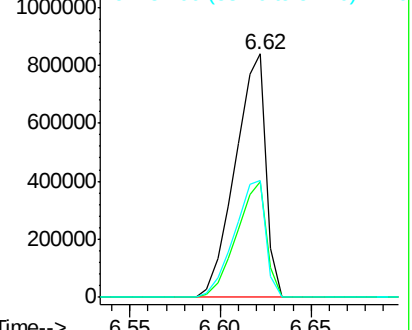
82 100

128 47.6 34.0 51.0

54 48.0 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: BF093878.D

Acq: 23 Mar 2017 14:56

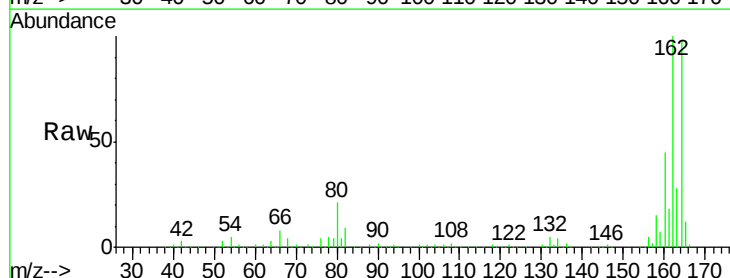
Tgt Ion: 164 Resp: 335691

Ion Ratio Lower Upper

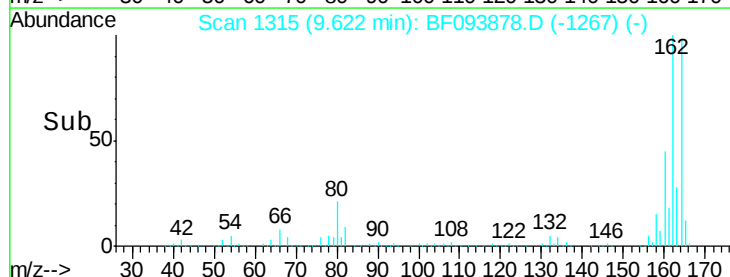
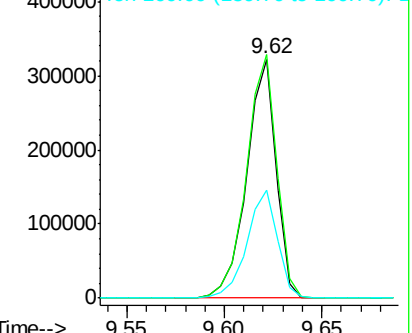
164 100

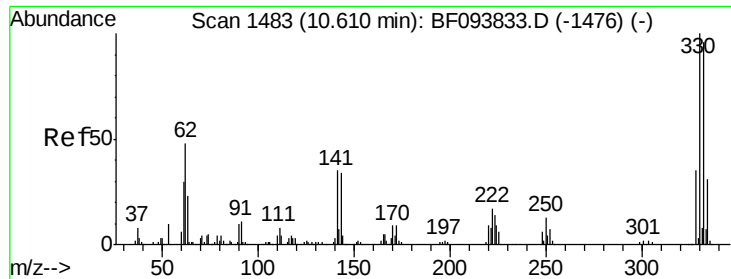
162 102.0 82.6 123.8

160 45.5 36.2 54.2



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

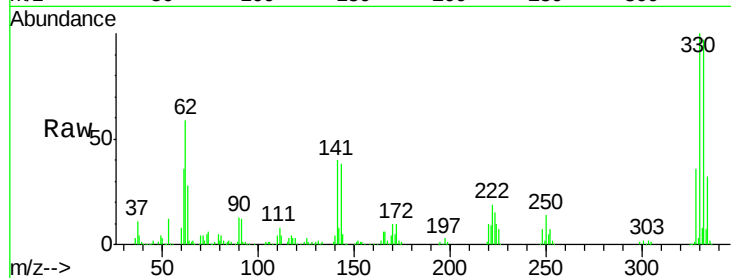




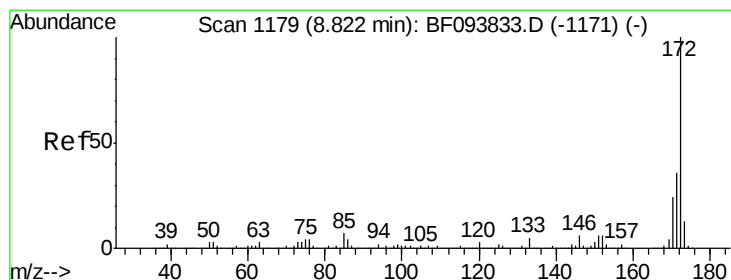
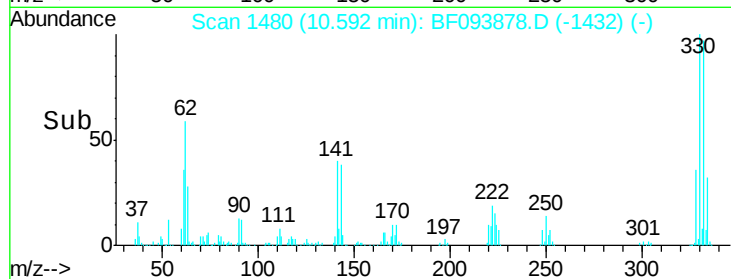
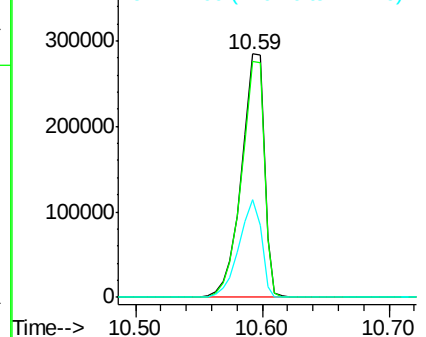
#41
 2,4,6-Tribromophenol
 Concen: 133.27 ng
 RT: 10.59 min Scan# 1480
 Delta R.T. -0.02 min
 Lab File: BF093878.D
 Acq: 23 Mar 2017 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97768BL

Tgt Ion:330 Resp: 353521
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 39.3 31.4 47.2

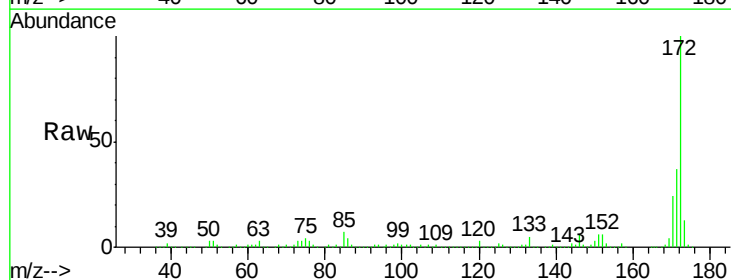


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

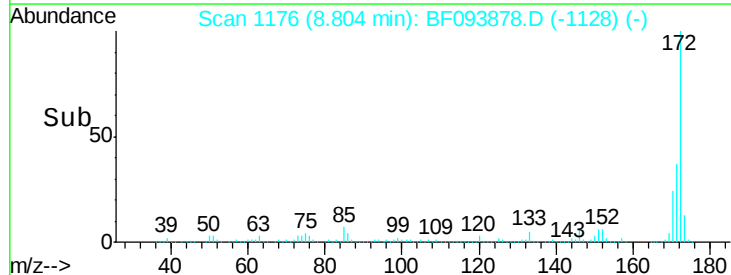
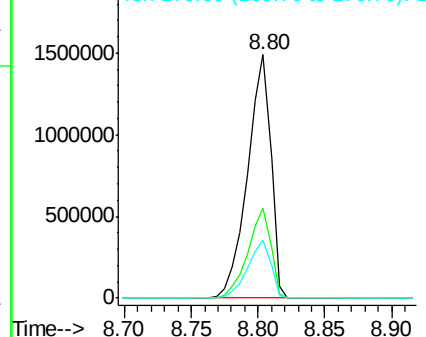


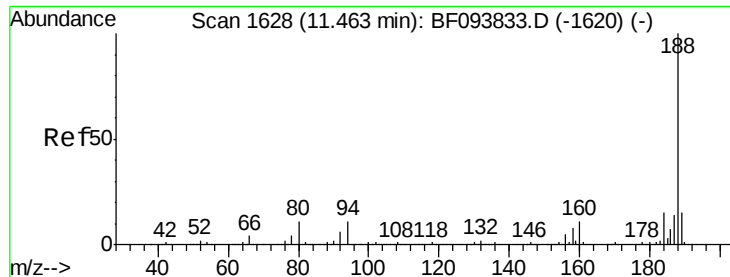
#44
 2-Fluorobiphenyl
 Concen: 80.83 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF093878.D
 Acq: 23 Mar 2017 14:56

Tgt Ion:172 Resp: 1778892
 Ion Ratio Lower Upper
 172 100
 171 36.8 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

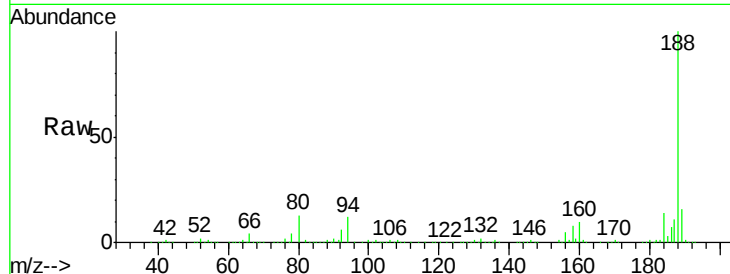




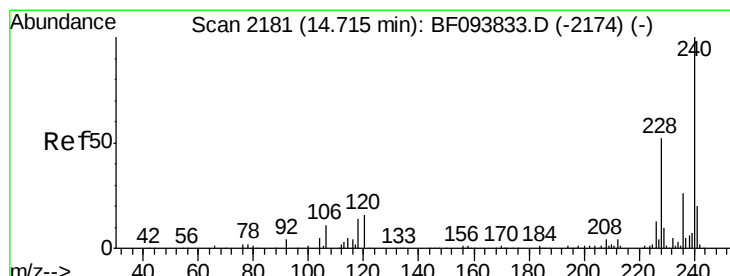
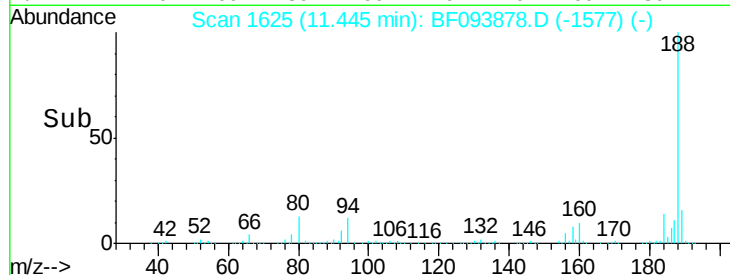
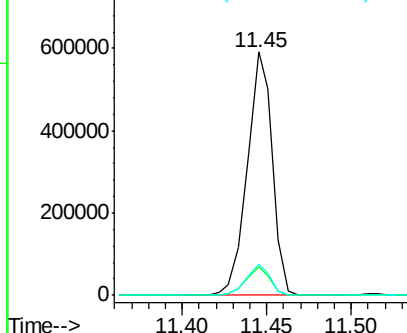
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1625
Delta R.T. -0.02 min
Lab File: BF093878.D
Acq: 23 Mar 2017 14:56

Instrument :
BNA_F
ClientSampleId :
PB97768BL

Tgt Ion:188 Resp: 614142
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 12.6 10.2 15.2

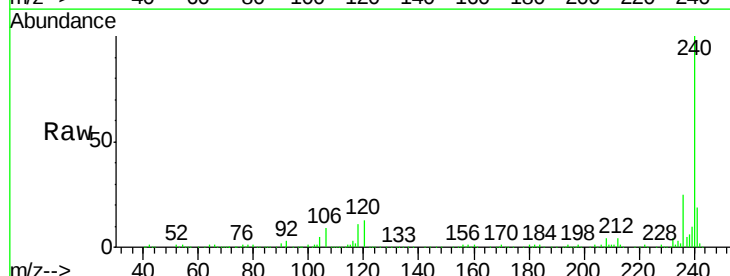


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

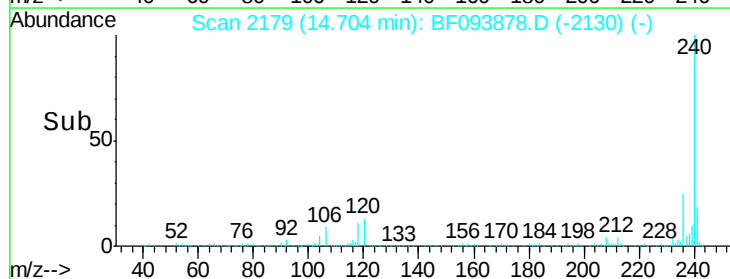
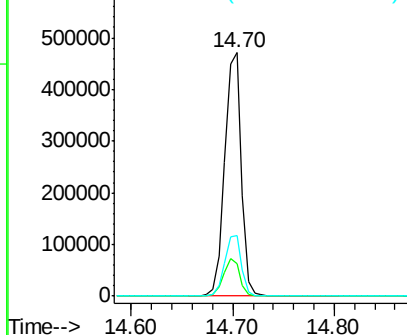


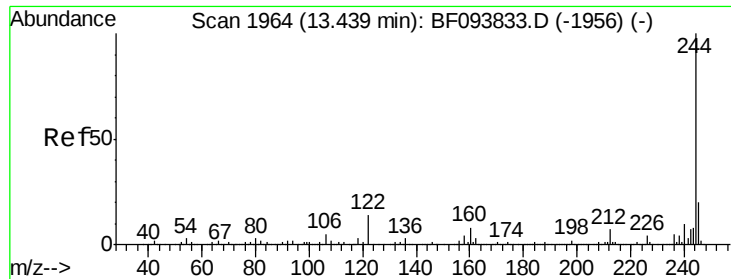
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF093878.D
Acq: 23 Mar 2017 14:56

Tgt Ion:240 Resp: 533562
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 24.8 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

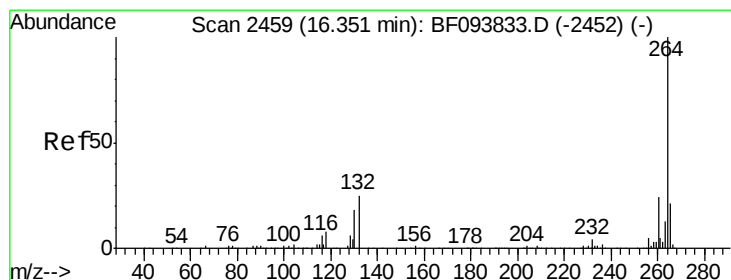
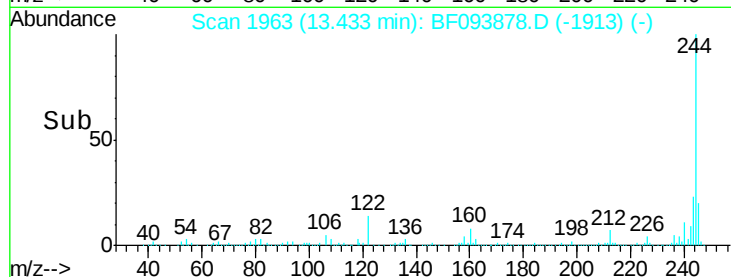
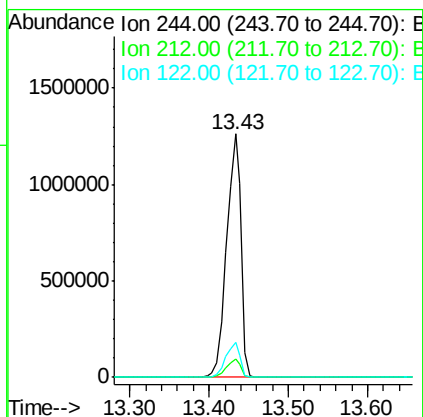
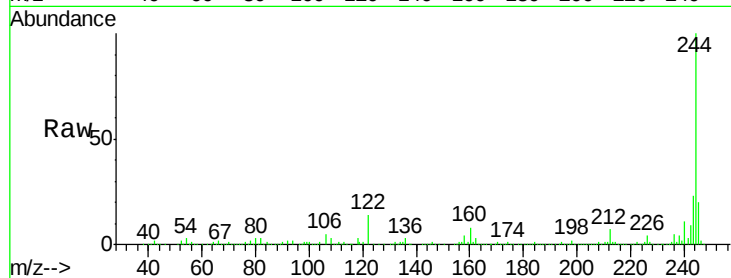




#78
 Terphenyl-d14
 Concen: 66.19 ng
 RT: 13.43 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BF093878.D
 Acq: 23 Mar 2017 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97768BL

Tgt Ion:244 Resp: 1575670
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.2 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: BF093878.D
 Acq: 23 Mar 2017 14:56

Tgt Ion:264 Resp: 417607
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 22.0 17.2 25.8

