

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021417\
 Data File : BF092943.D
 Acq On : 14 Feb 2017 14:53
 Operator : SJ/MA
 Sample : PB96923TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96923TB

Quant Time: Feb 14 15:26:53 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	156668	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	629083	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	352332	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	565415	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	488196	20.00	ng	-0.02
86) Perylene-d12	15.47	264	344140	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1283813	140.59	ng	0.01
7) Phenol-d6	6.52	99	1555508	132.39	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1021494	90.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	310374	121.80	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1770313	91.03	ng	0.00
78) Terphenyl-d14	12.98	244	1459656	70.25	ng	-0.01

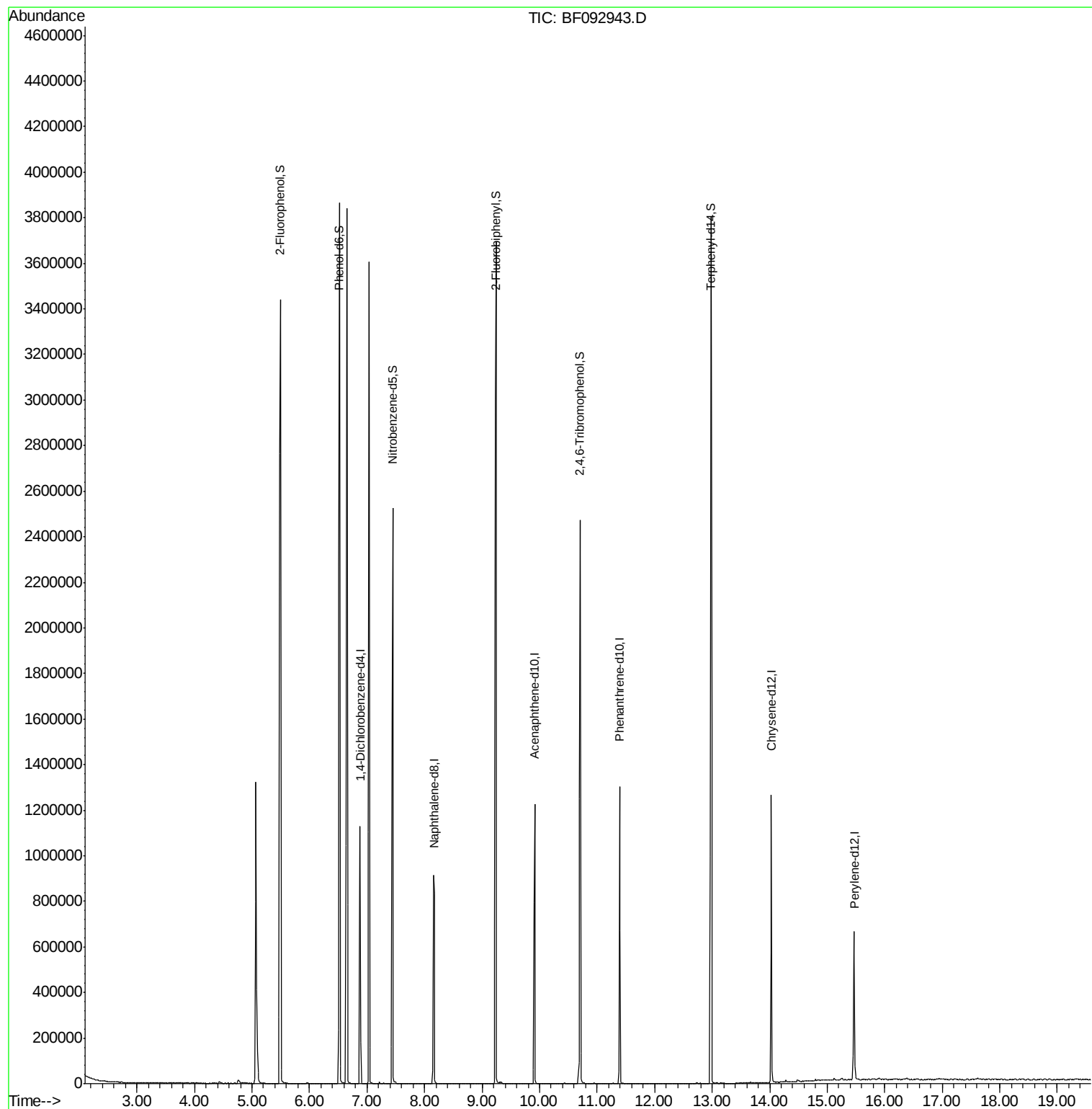
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092943.D

Acq: 14 Feb 2017 14:53

Instrument :

BNA_F

ClientSampleId :

PB96923TB

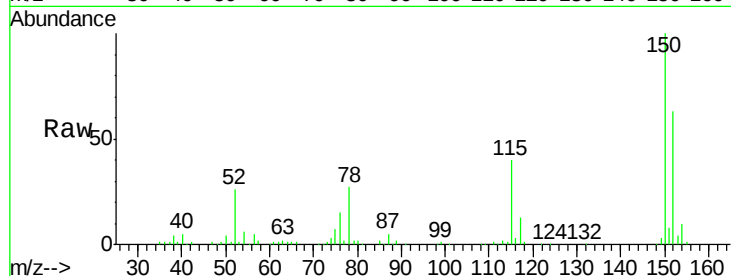
Tgt Ion:152 Resp: 156668

Ion Ratio Lower Upper

152 100

150 158.4 124.9 187.3

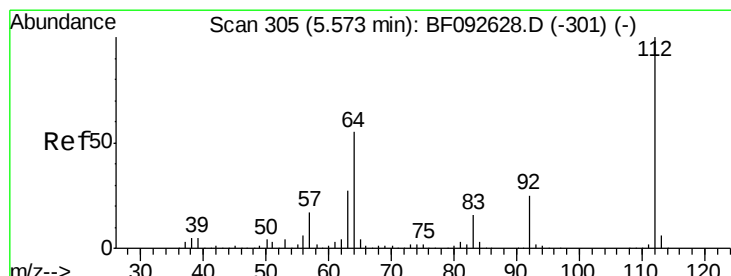
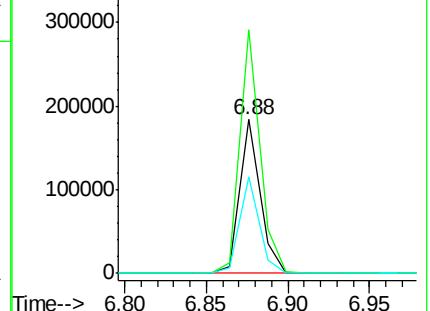
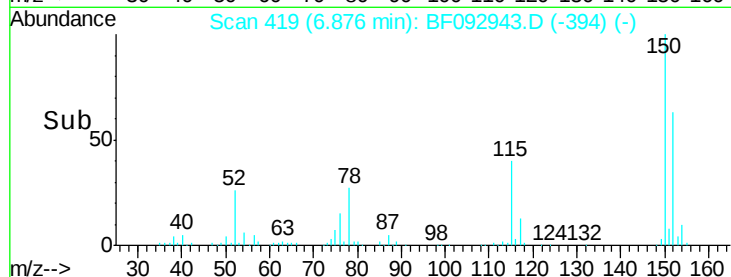
115 63.1 46.0 69.0



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: 140.59 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF092943.D

Acq: 14 Feb 2017 14:53

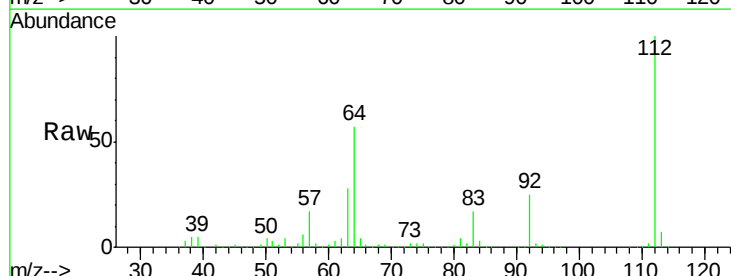
Tgt Ion:112 Resp: 1283813

Ion Ratio Lower Upper

112 100

64 57.2 46.1 69.1

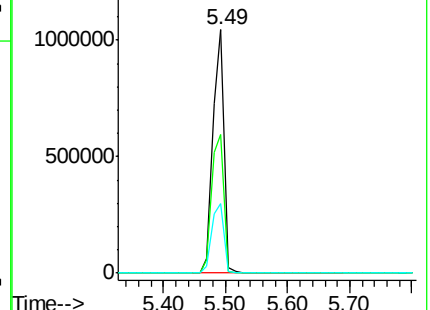
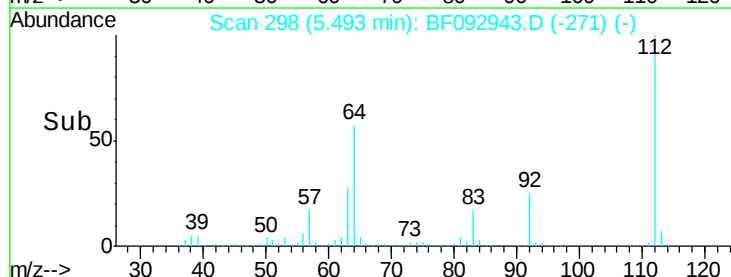
63 28.4 23.8 35.6



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: 132.39 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092943.D

Acq: 14 Feb 2017 14:53

Instrument :

BNA_F

ClientSampleId :

PB96923TB

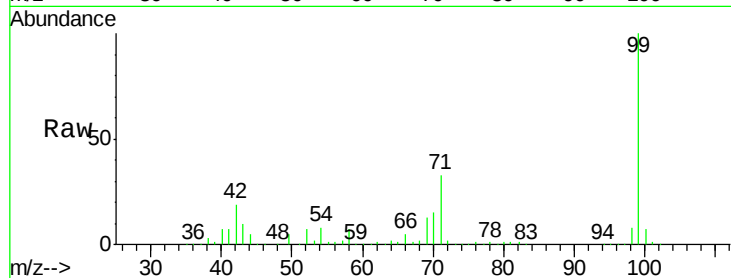
Tgt Ion: 99 Resp: 155508

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

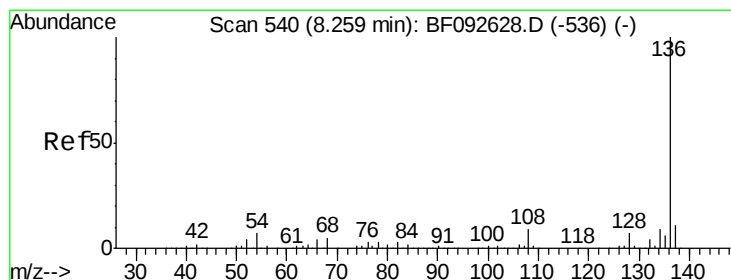
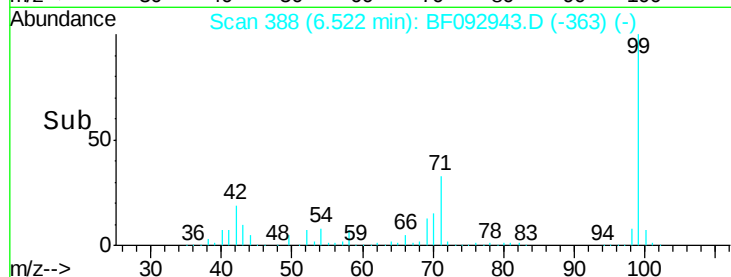
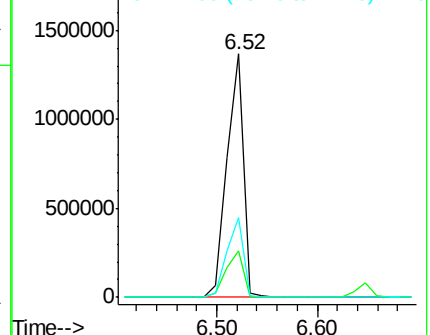
71 32.9 27.5 41.3



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: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF092943.D

Acq: 14 Feb 2017 14:53

Tgt Ion: 136 Resp: 629083

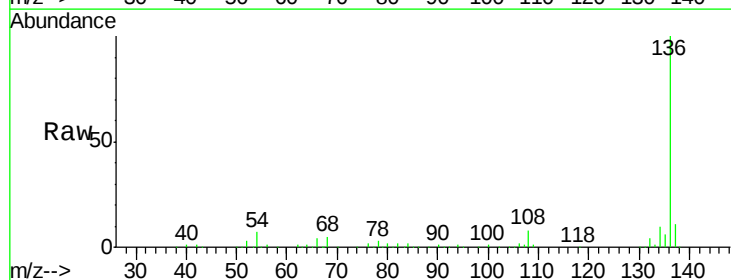
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 6.7 4.5 6.7

68 5.0 3.6 5.4

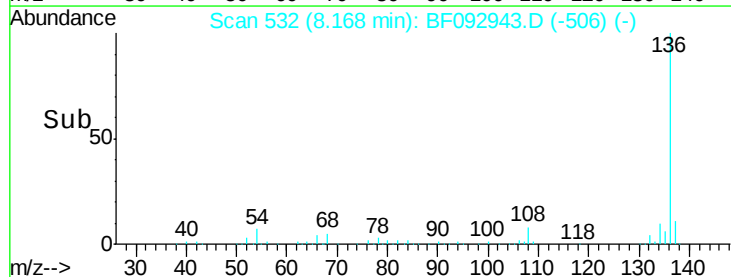
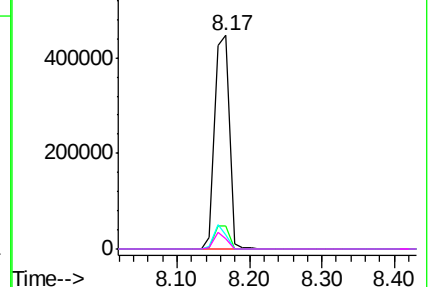


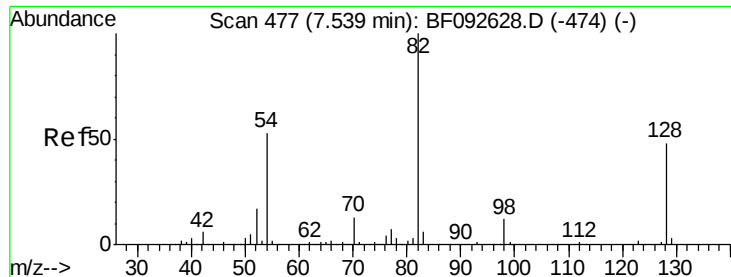
Abundance Ion 136.00 (135.70 to 136.70): E

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

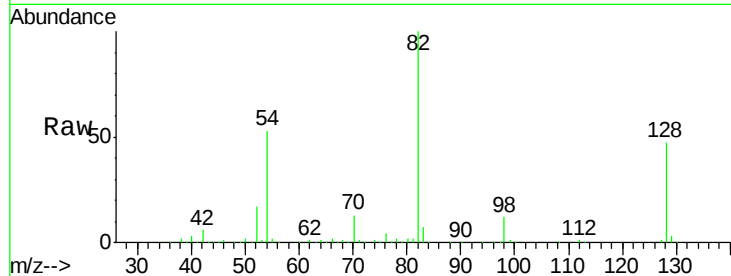




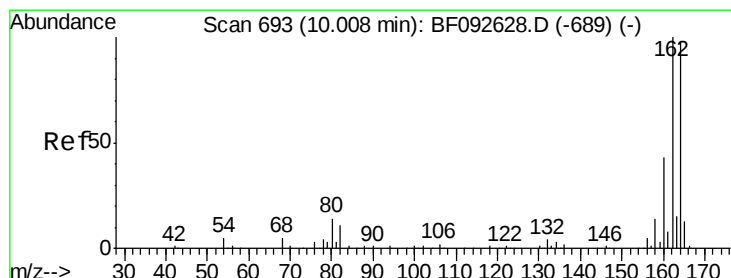
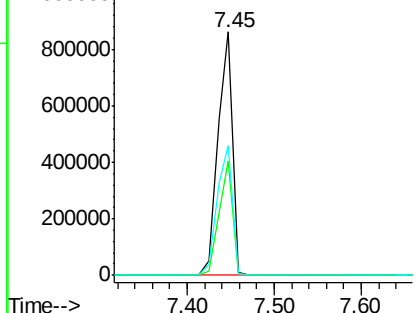
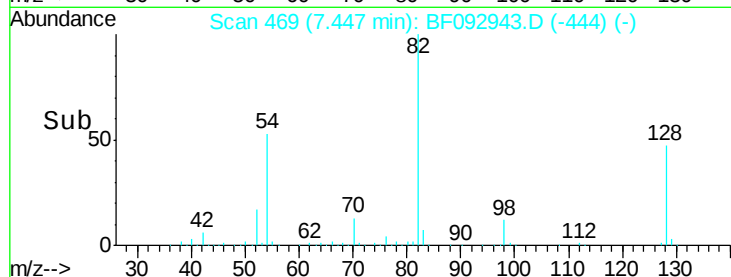
#23
 Nitrobenzene-d5
 Concen: 90.42 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092943.D
 Acq: 14 Feb 2017 14:53

Instrument :
 BNA_F
 ClientSampleId :
 PB96923TB

Tgt Ion: 82 Resp: 1021494
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.6 52.0
 54 53.3 39.5 59.3

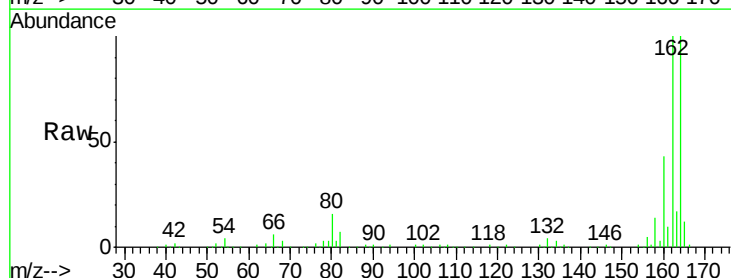


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

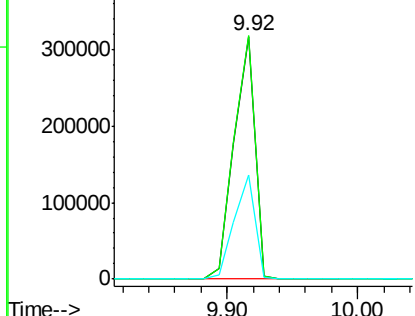
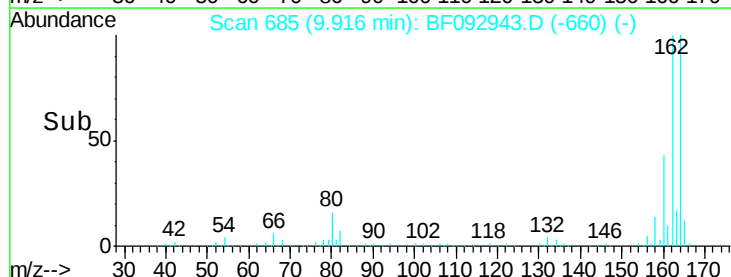


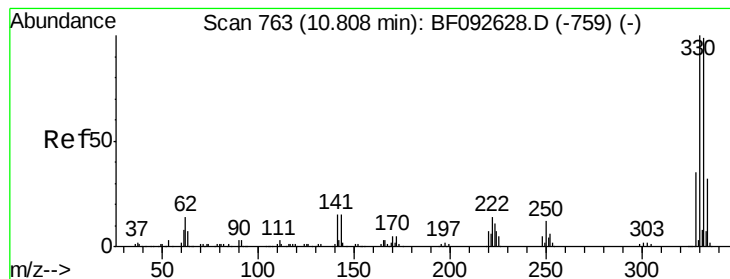
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF092943.D
 Acq: 14 Feb 2017 14:53

Tgt Ion: 164 Resp: 352332
 Ion Ratio Lower Upper
 164 100
 162 100.2 80.2 120.2
 160 42.6 36.9 55.3



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

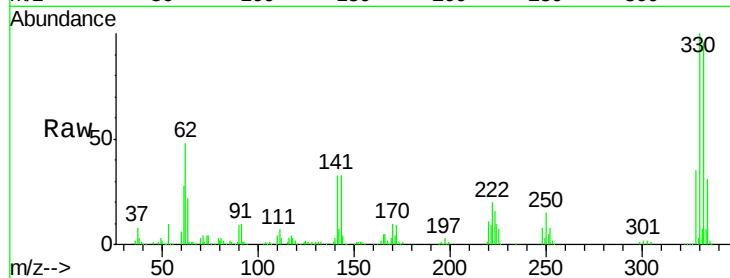




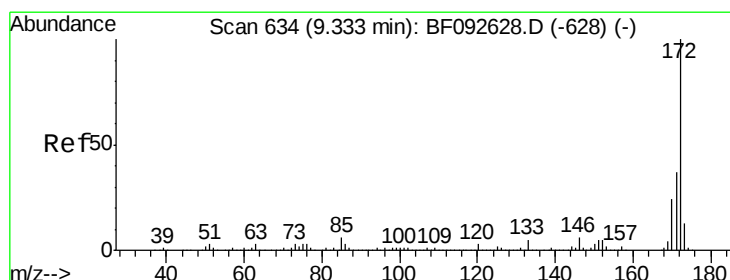
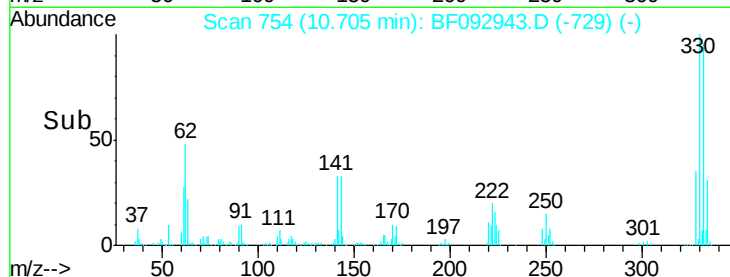
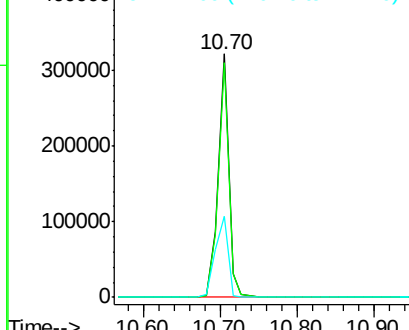
#41
 2,4,6-Tribromophenol
 Concen: 121.80 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092943.D
 Acq: 14 Feb 2017 14:53

Instrument :
 BNA_F
 ClientSampleId :
 PB96923TB

Tgt Ion:330 Resp: 310374
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 39.7 34.1 51.1

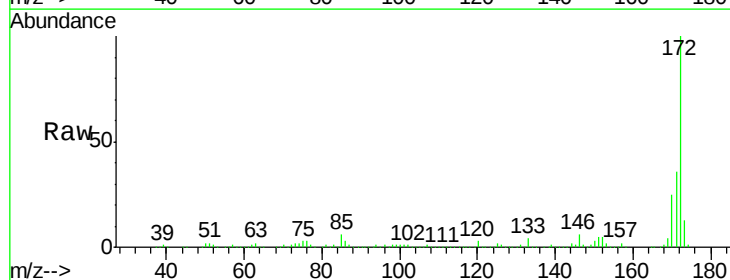


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

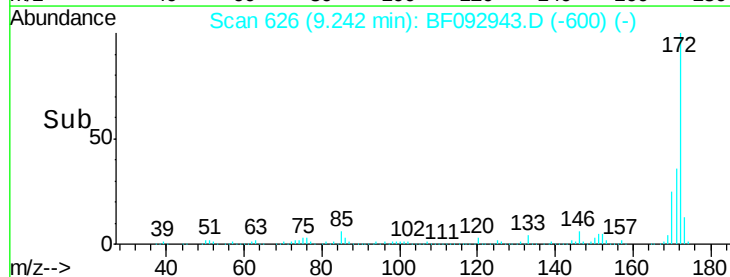
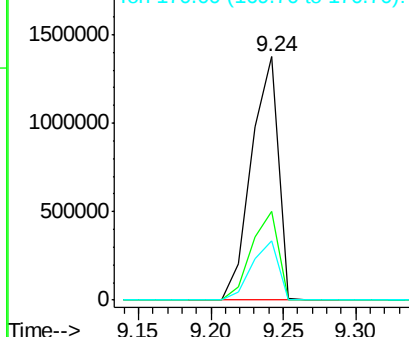


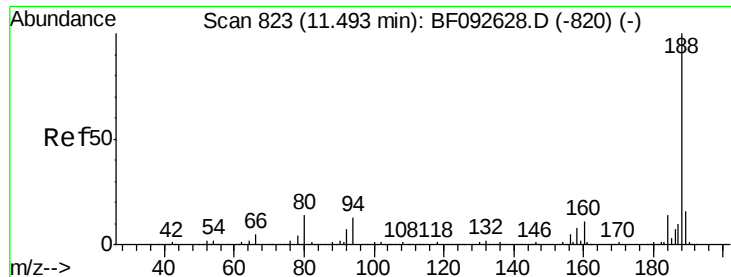
#44
 2-Fluorobiphenyl
 Concen: 91.03 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092943.D
 Acq: 14 Feb 2017 14:53

Tgt Ion:172 Resp: 1770313
 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

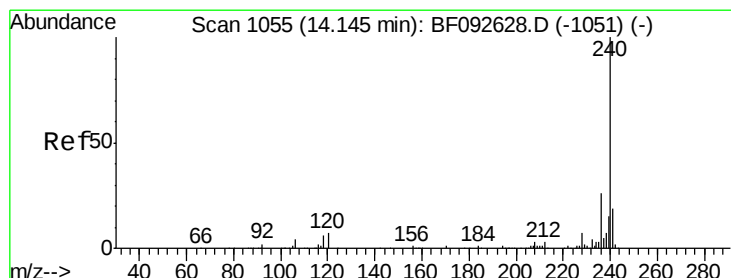
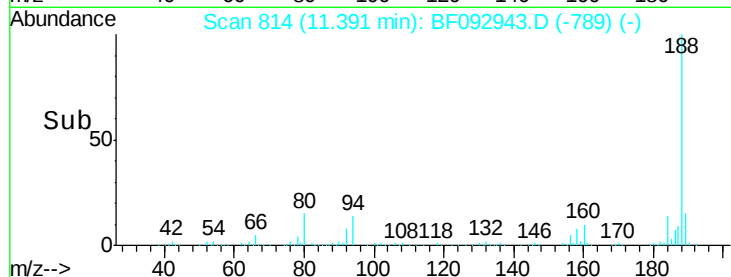
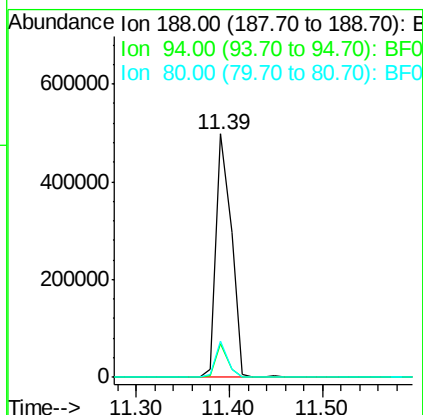
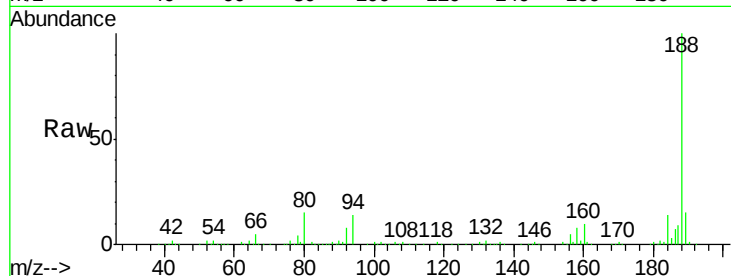




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092943.D
Acq: 14 Feb 2017 14:53

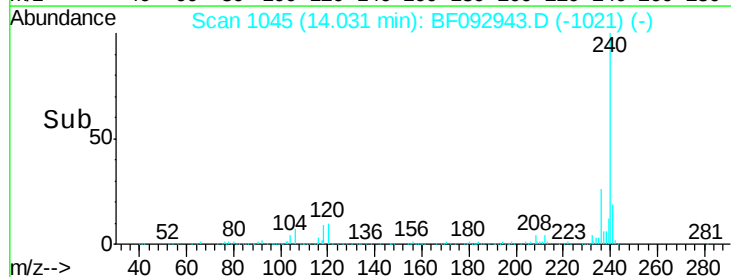
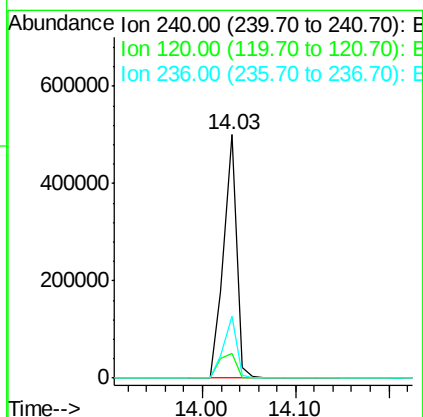
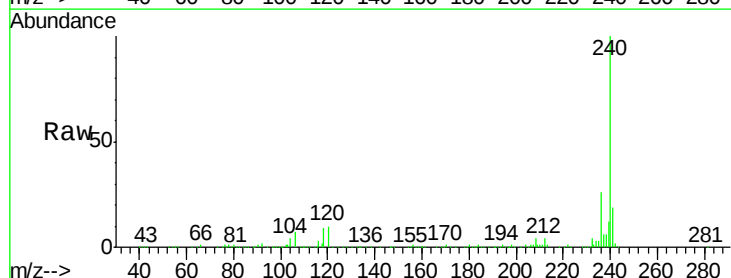
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PB96923TB

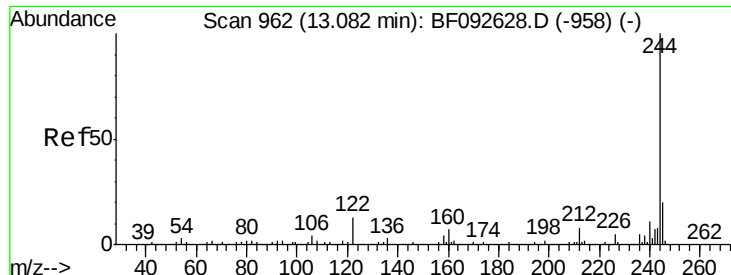
Tgt Ion:188 Resp: 565415
Ion Ratio Lower Upper
188 100
94 14.0 10.0 15.0
80 14.9 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF092943.D
Acq: 14 Feb 2017 14:53

Tgt Ion:240 Resp: 488196
Ion Ratio Lower Upper
240 100
120 10.0 12.9 19.3#
236 25.7 20.9 31.3

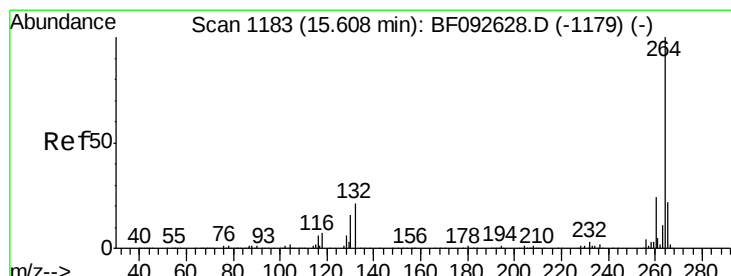
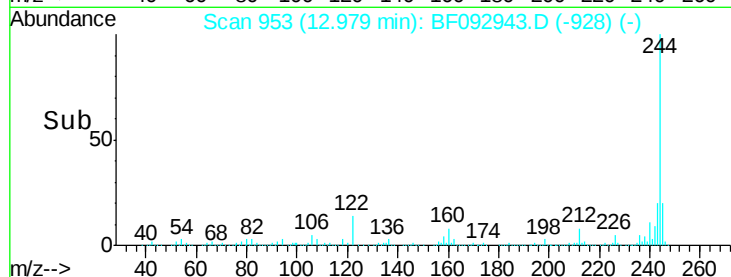
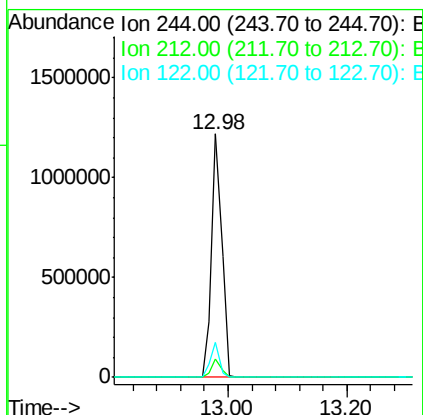
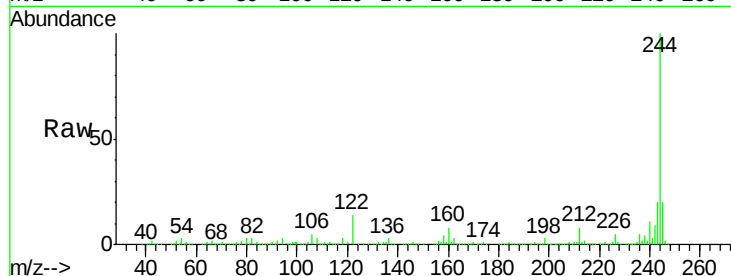




#78
 Terphenyl-d14
 Concen: 70.25 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092943.D
 Acq: 14 Feb 2017 14:53

Instrument :
 BNA_F
 ClientSampleId :
 PB96923TB

Tgt Ion:244 Resp: 1459656
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.2 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF092943.D
 Acq: 14 Feb 2017 14:53

Tgt Ion:264 Resp: 344140
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.8 17.4 26.0

