

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021417\
 Data File : BF092940.D
 Acq On : 14 Feb 2017 13:32
 Operator : SJ/MA
 Sample : I1799-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-1

Quant Time: Feb 14 14:56:22 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	154619	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	587399	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	331782	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	523766	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	415227	20.00	ng	-0.02
86) Perylene-d12	15.46	264	290287	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	526190	58.39	ng	-0.01
7) Phenol-d6	6.51	99	429641	37.05	ng	-0.02
23) Nitrobenzene-d5	7.44	82	964262	91.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	290489	121.05	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1723816	94.13	ng	0.00
78) Terphenyl-d14	12.98	244	1279562	72.41	ng	-0.01

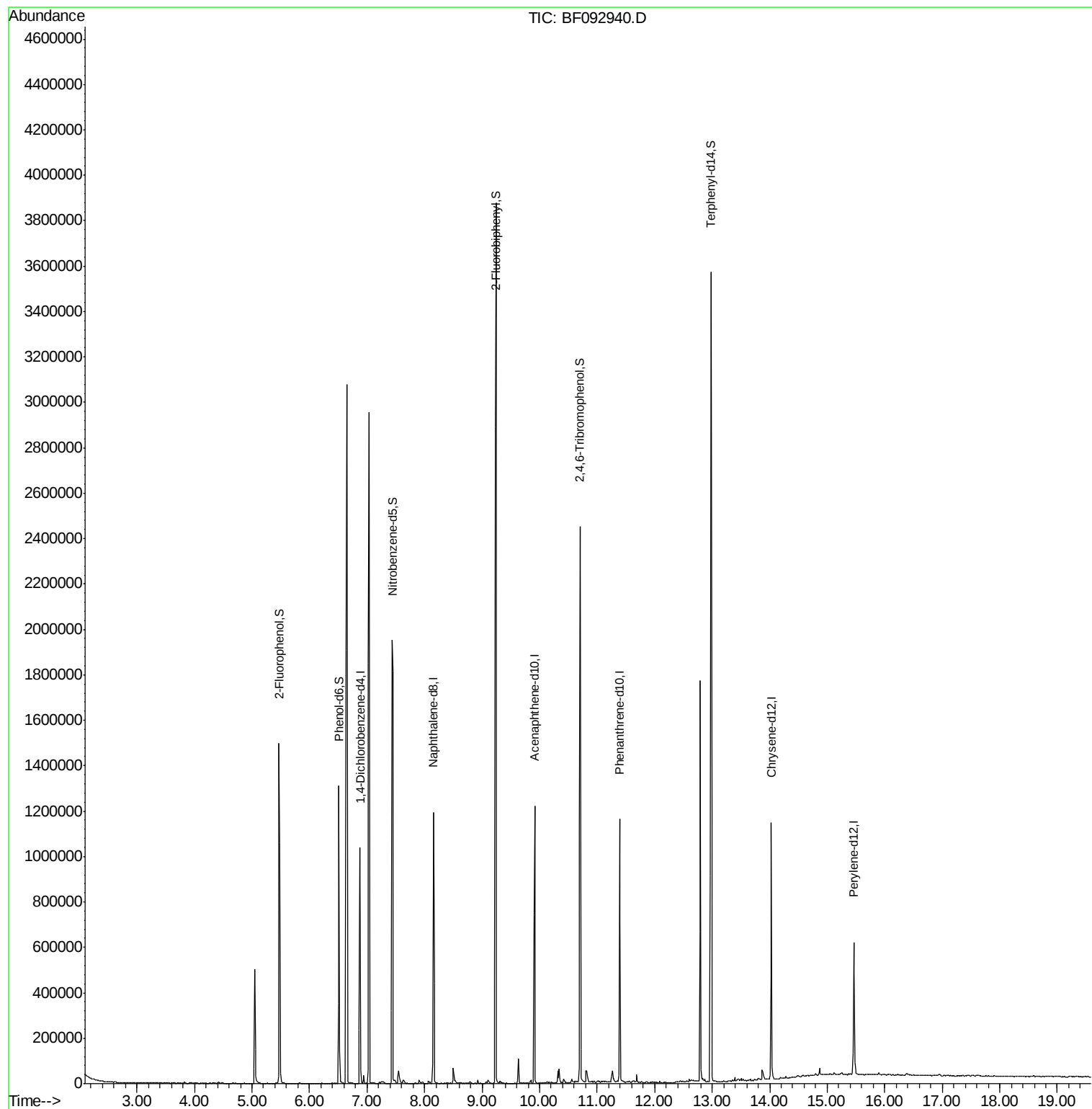
Target Compounds	Qvalue
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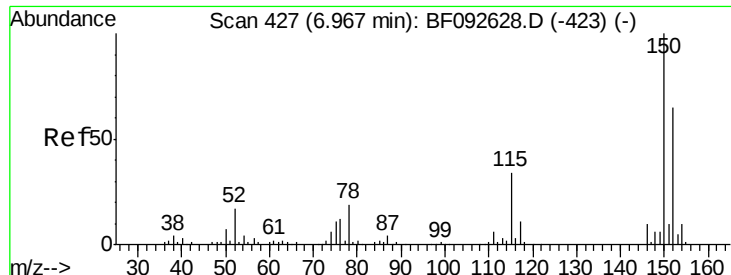
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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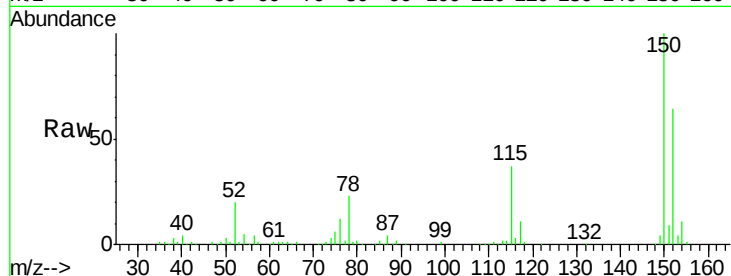




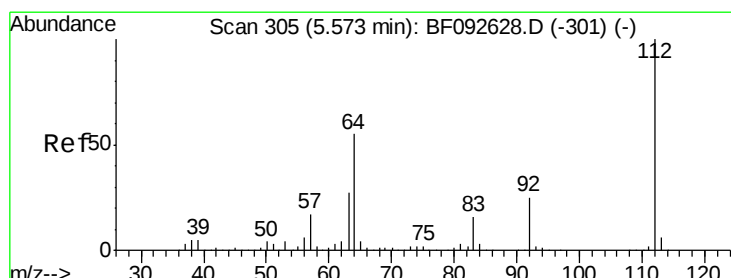
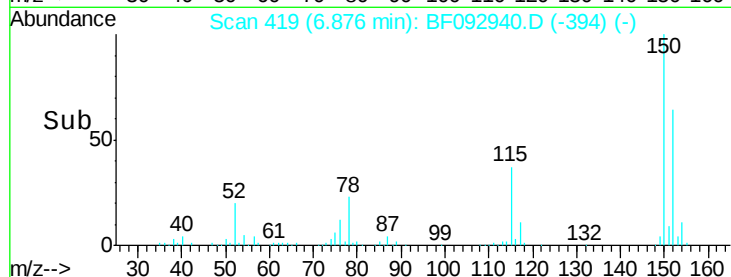
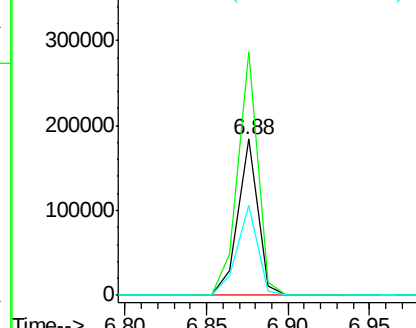
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF092940.D
 Acq: 14 Feb 2017 13:32

Instrument :
 BNA_F
 ClientSampleId :
 SW-1

Tgt Ion:152 Resp: 154619
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.9 187.3
 115 57.5 46.0 69.0

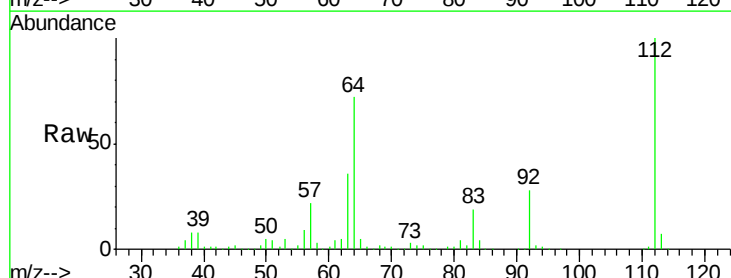


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

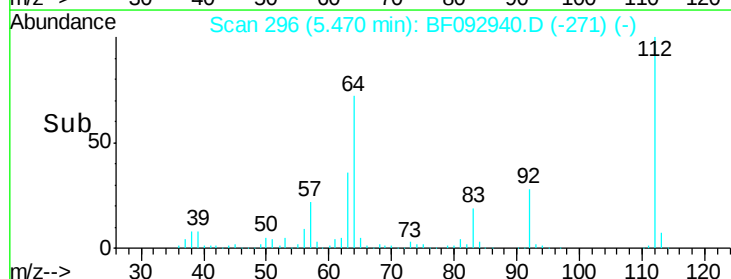
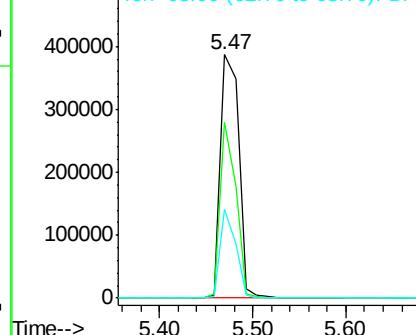


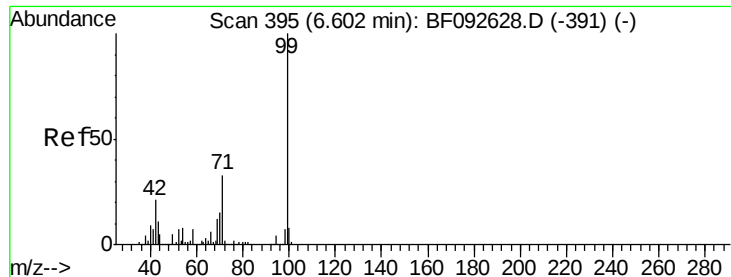
#5
 2-Fluorophenol
 Concen: 58.39 ng
 RT: 5.47 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: BF092940.D
 Acq: 14 Feb 2017 13:32

Tgt Ion:112 Resp: 526190
 Ion Ratio Lower Upper
 112 100
 64 72.2 46.1 69.1#
 63 36.4 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: 37.05 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092940.D

Acq: 14 Feb 2017 13:32

Instrument :

BNA_F

ClientSampleId :

SW-1

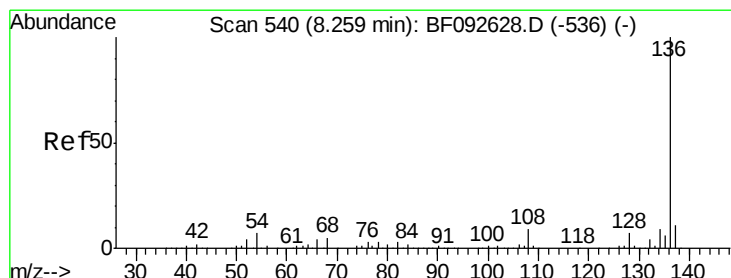
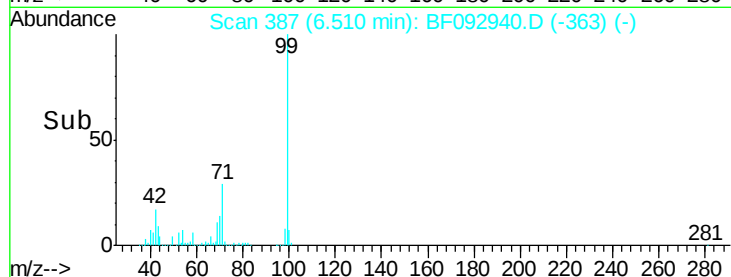
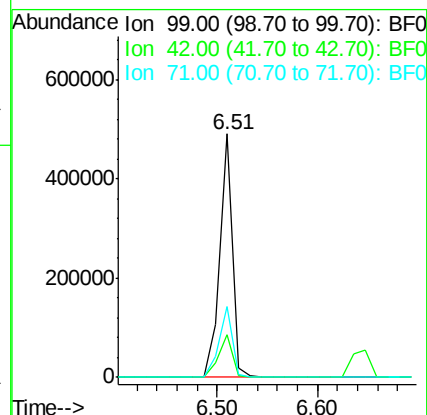
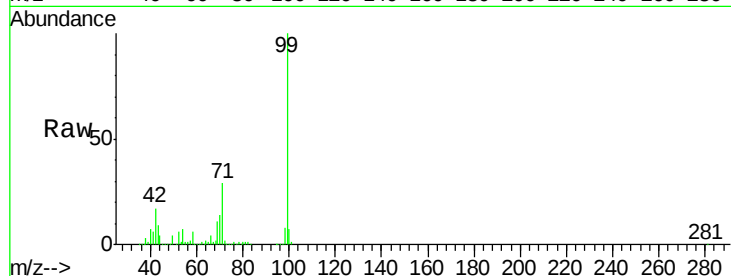
Tgt Ion: 99 Resp: 429641

Ion Ratio Lower Upper

99 100

42 17.4 15.6 23.4

71 28.9 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF092940.D

Acq: 14 Feb 2017 13:32

Tgt Ion: 136 Resp: 587399

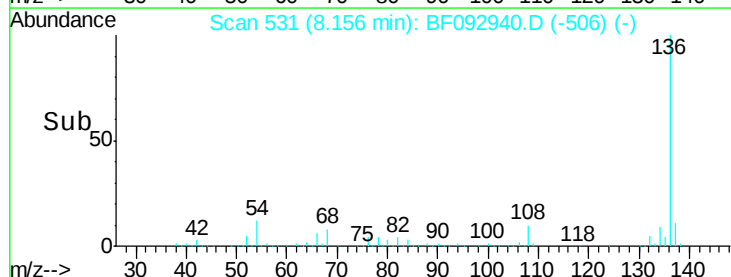
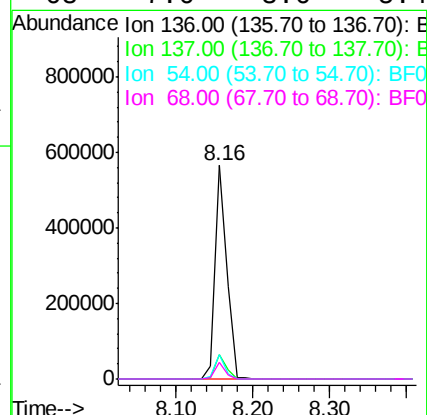
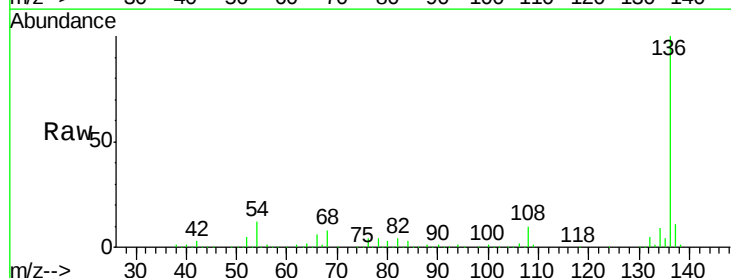
Ion Ratio Lower Upper

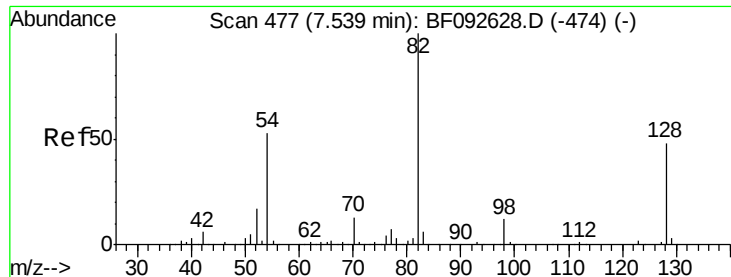
136 100

137 11.3 8.4 12.6

54 11.7 4.5 6.7#

68 7.6 3.6 5.4#

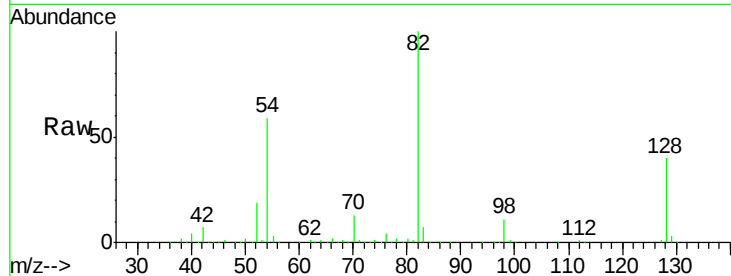




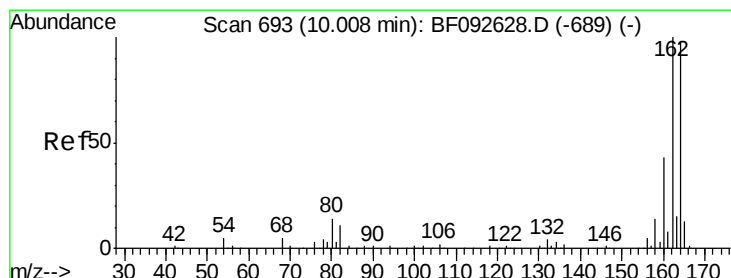
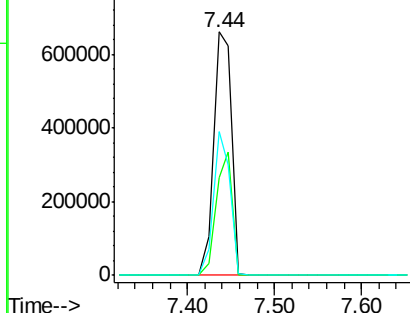
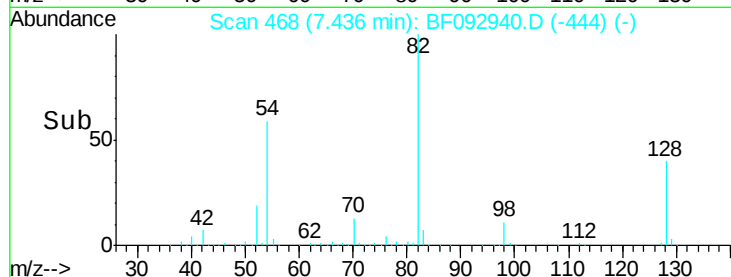
#23
 Nitrobenzene-d5
 Concen: 91.42 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092940.D
 Acq: 14 Feb 2017 13:32

Instrument :
 BNA_F
 ClientSampleId :
 SW-1

Tgt Ion: 82 Resp: 964262
 Ion Ratio Lower Upper
 82 100
 128 39.9 34.6 52.0
 54 59.0 39.5 59.3

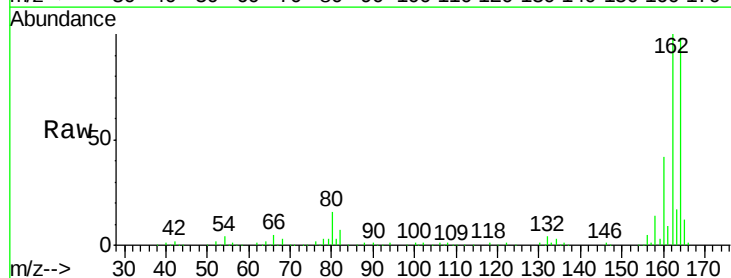


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

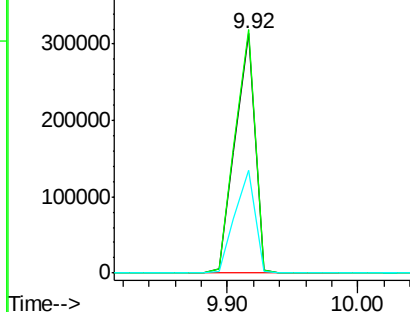
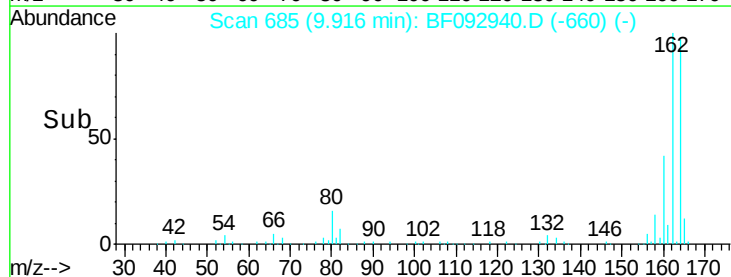


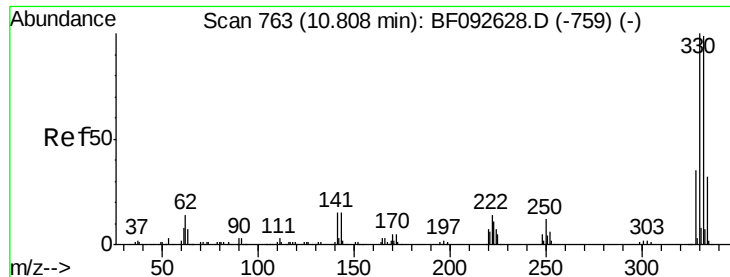
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF092940.D
 Acq: 14 Feb 2017 13:32

Tgt Ion: 164 Resp: 331782
 Ion Ratio Lower Upper
 164 100
 162 101.6 80.2 120.2
 160 42.9 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

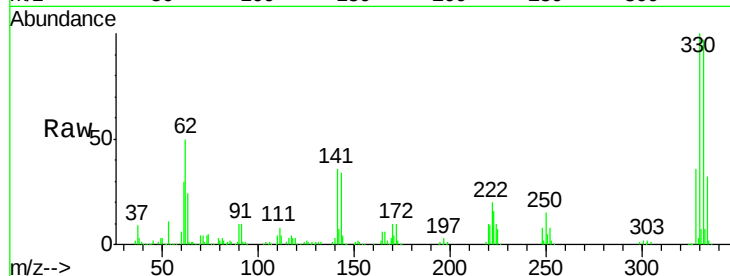




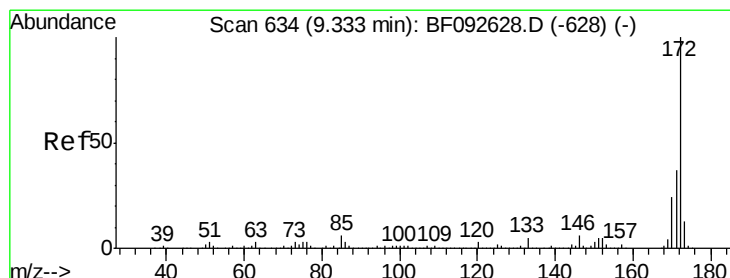
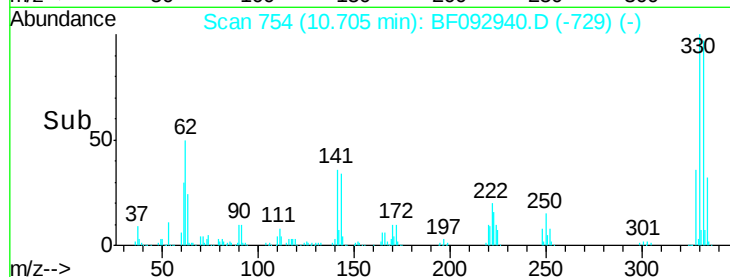
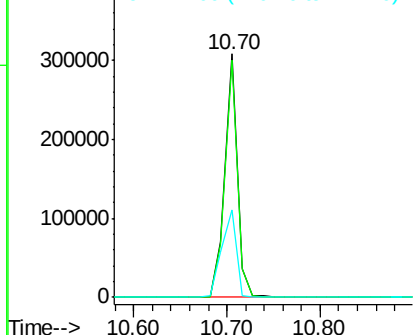
#41
 2,4,6-Tribromophenol
 Concen: 121.05 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092940.D
 Acq: 14 Feb 2017 13:32

Instrument :
 BNA_F
 ClientSampleId :
 SW-1

Tgt Ion:330 Resp: 290489
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 41.4 34.1 51.1

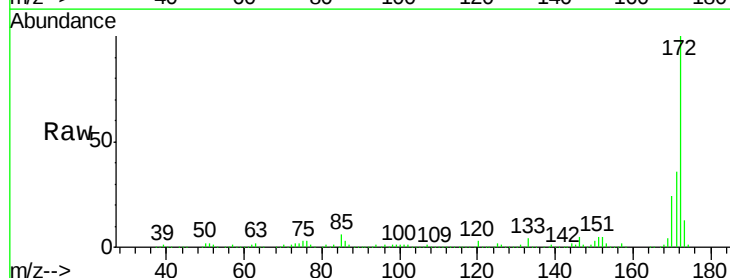


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

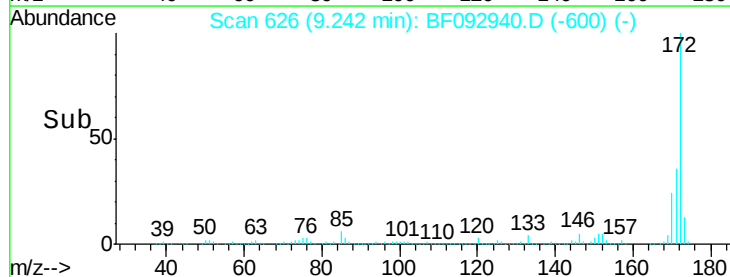
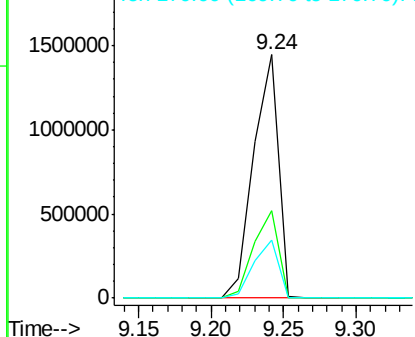


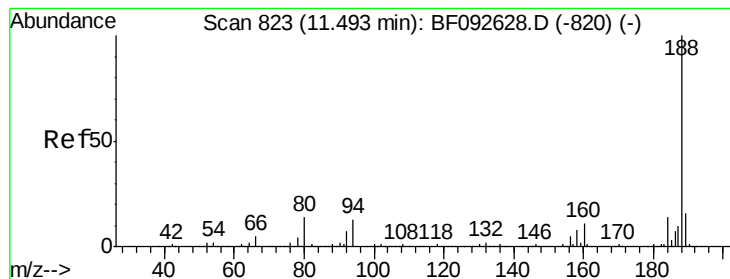
#44
 2-Fluorobiphenyl
 Concen: 94.13 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092940.D
 Acq: 14 Feb 2017 13:32

Tgt Ion:172 Resp: 1723816
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.0 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: BF092940.D

Acq: 14 Feb 2017 13:32

Instrument :

BNA_F

ClientSampleId :

SW-1

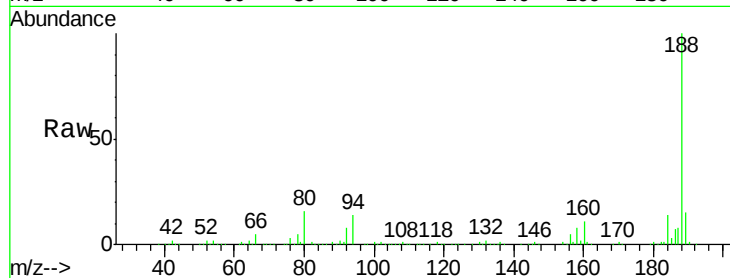
Tgt Ion:188 Resp: 523766

Ion Ratio Lower Upper

188 100

94 14.2 10.0 15.0

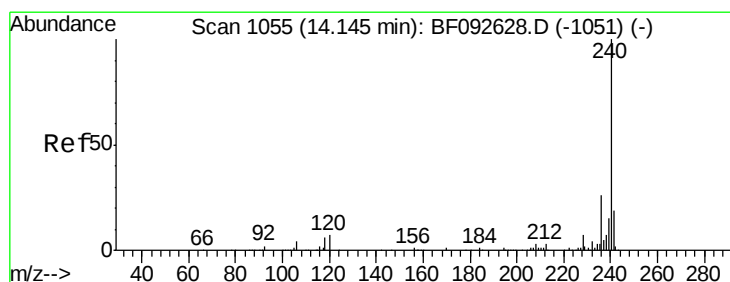
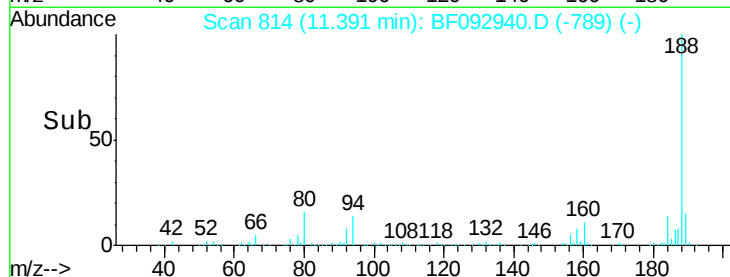
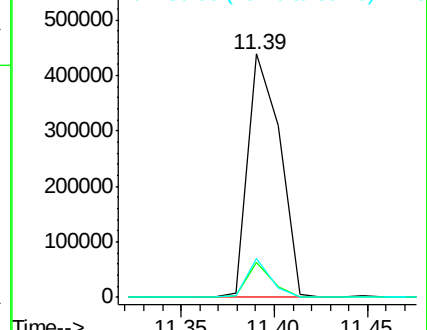
80 15.8 11.2 16.8



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: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092940.D

Acq: 14 Feb 2017 13:32

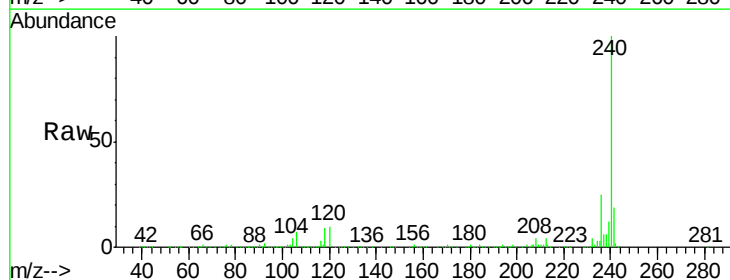
Tgt Ion:240 Resp: 415227

Ion Ratio Lower Upper

240 100

120 10.5 12.9 19.3#

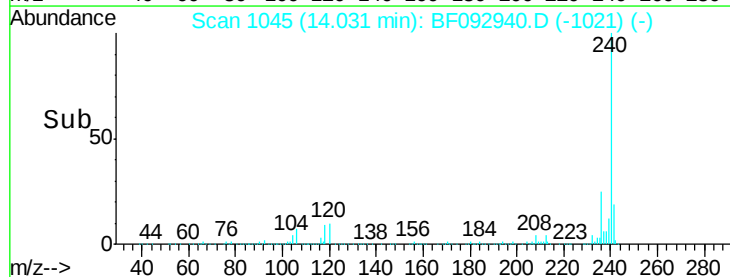
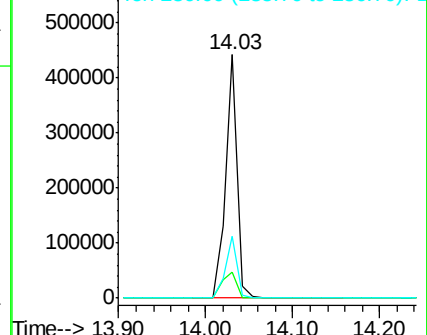
236 25.5 20.9 31.3

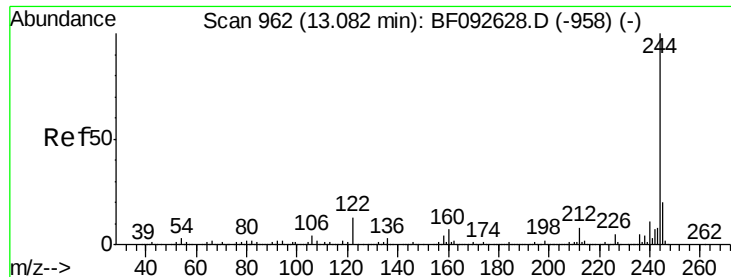


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.41 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092940.D

Acq: 14 Feb 2017 13:32

Instrument :

BNA_F

ClientSampleId :

SW-1

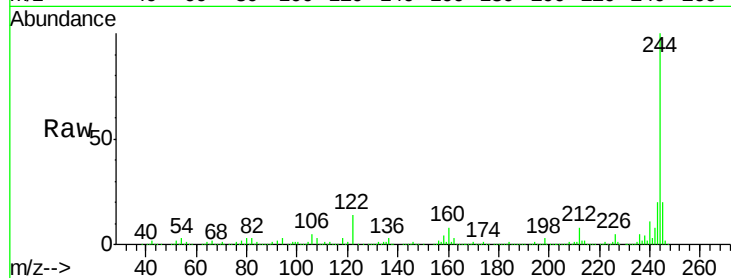
Tgt Ion:244 Resp: 1279562

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

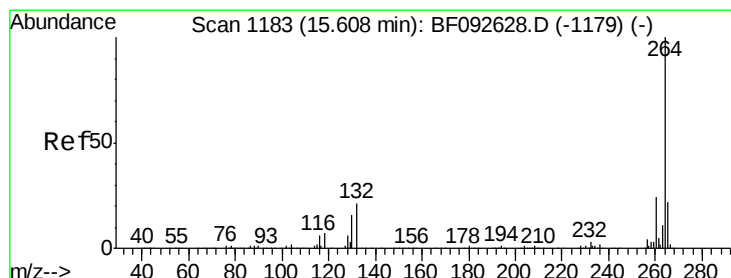
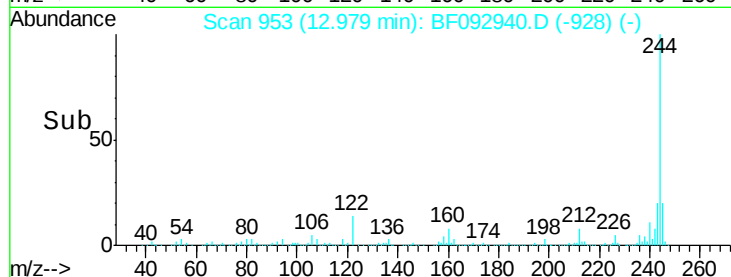
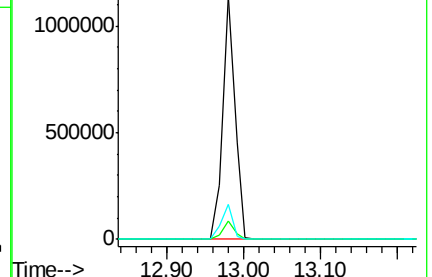
122 14.3 11.4 17.2



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

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF092940.D

Acq: 14 Feb 2017 13:32

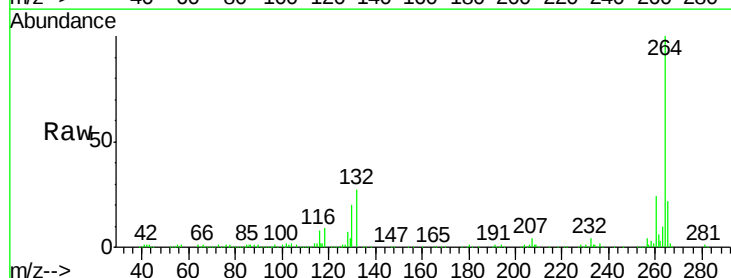
Tgt Ion:264 Resp: 290287

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.1 17.4 26.0



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

