

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092956.D
 Acq On : 15 Feb 2017 17:41
 Operator : SJ/MA
 Sample : I1826-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-2-COMP14

Quant Time: Feb 16 01:00:24 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

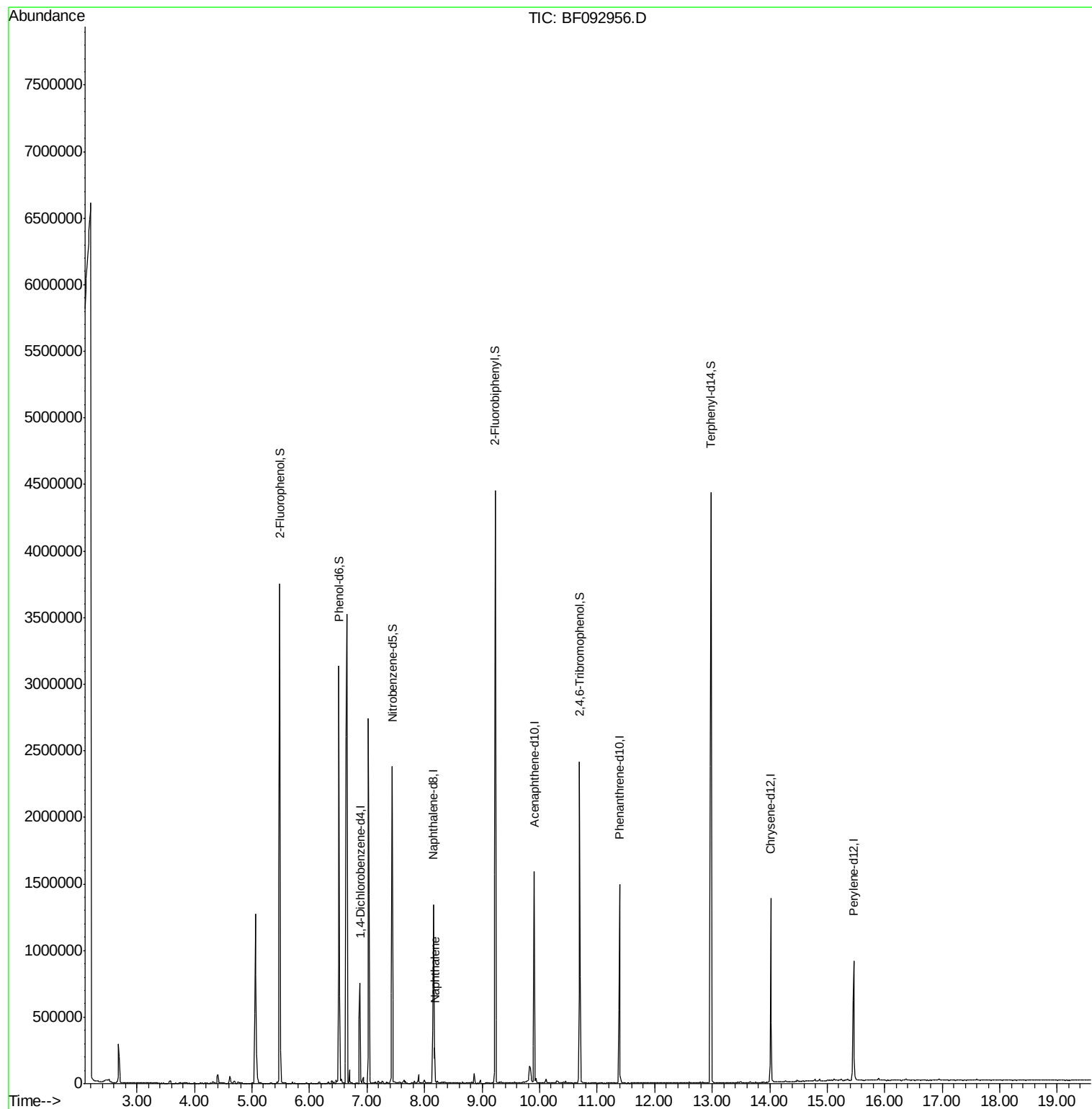
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	146513	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	611173	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	327487	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	582560	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	487332	20.00	ng	-0.03
86) Perylene-d12	15.46	264	433124	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1069954	125.29	ng	0.00
7) Phenol-d6	6.51	99	1149377	104.60	ng	-0.02
23) Nitrobenzene-d5	7.44	82	854129	77.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	338392	142.87	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1536556	85.00	ng	-0.01
78) Terphenyl-d14	12.98	244	1581917	76.27	ng	-0.01
Target Compounds						
31) Naphthalene	8.18	128	129231	4.17	ng	Qvalue 99

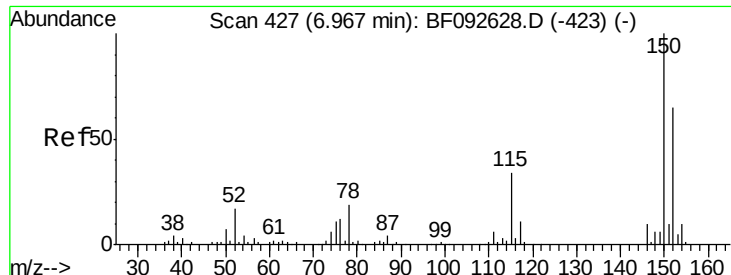
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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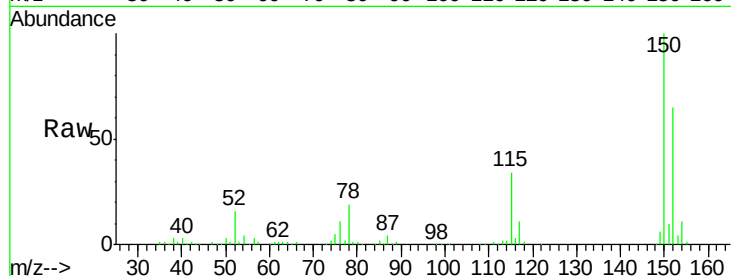


#1

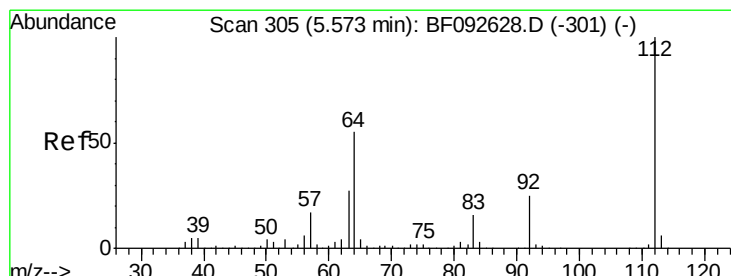
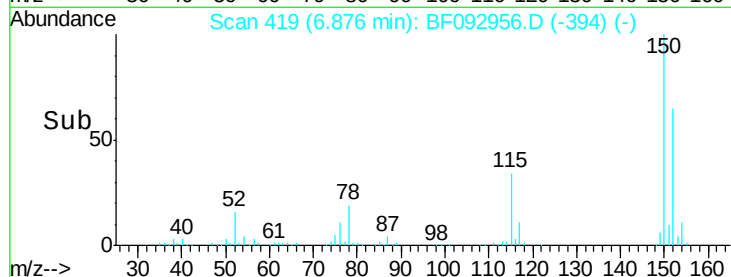
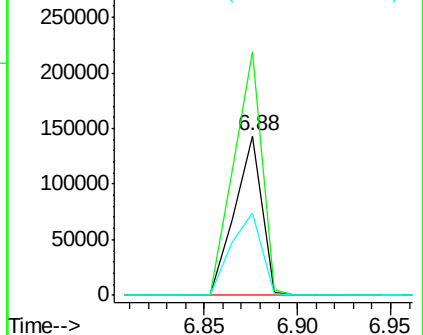
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092956.D
Acq: 15 Feb 2017 17:41

Instrument :
BNA_F
ClientSampleId :
TP1-2-COMP14

Tgt Ion:152 Resp: 146513
Ion Ratio Lower Upper
152 100
150 152.8 124.9 187.3
115 52.0 46.0 69.0



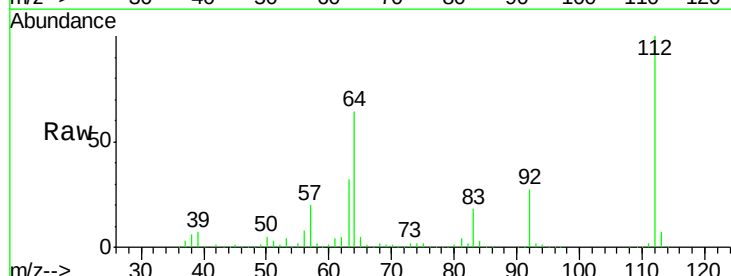
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



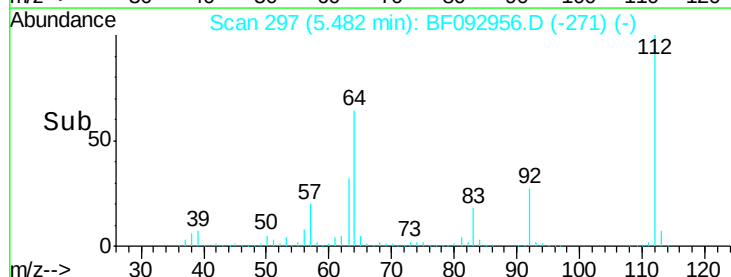
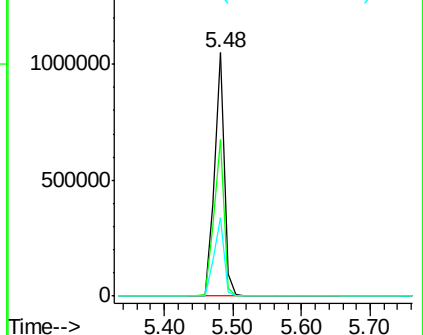
#5

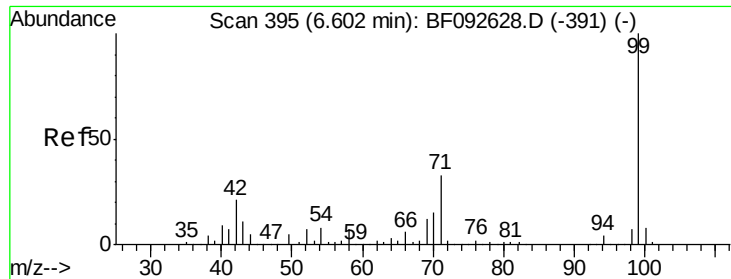
2-Fluorophenol
Concen: 125.29 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF092956.D
Acq: 15 Feb 2017 17:41

Tgt Ion:112 Resp: 1069954
Ion Ratio Lower Upper
112 100
64 64.2 46.1 69.1
63 32.3 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: 104.60 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092956.D

Acq: 15 Feb 2017 17:41

Instrument :

BNA_F

ClientSampleId :

TP1-2-COMP14

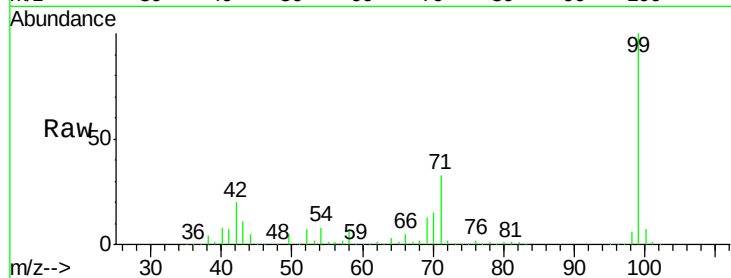
Tgt Ion: 99 Resp: 1149377

Ion Ratio Lower Upper

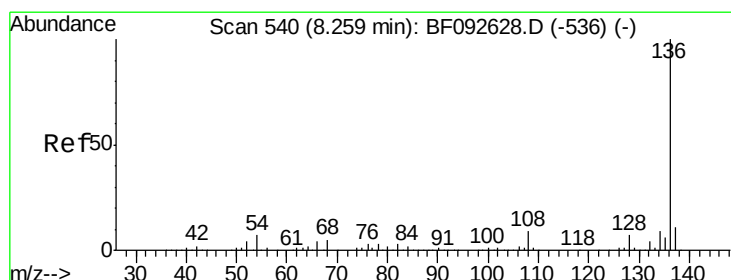
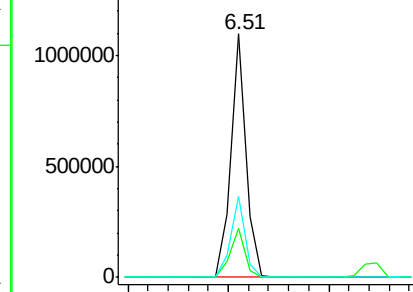
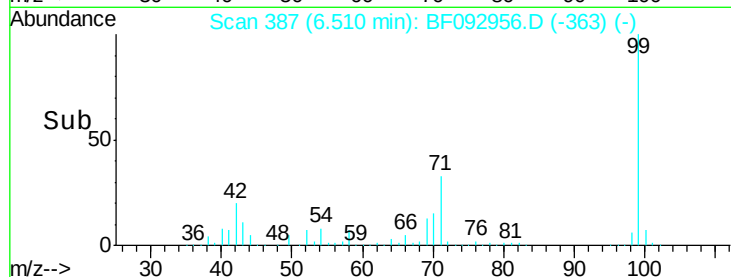
99 100

42 20.1 15.6 23.4

71 33.1 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: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF092956.D

Acq: 15 Feb 2017 17:41

Tgt Ion: 136 Resp: 611173

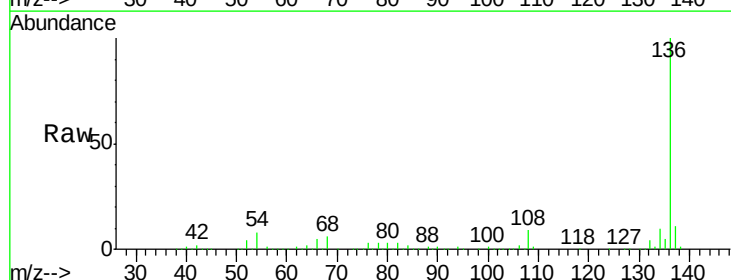
Ion Ratio Lower Upper

136 100

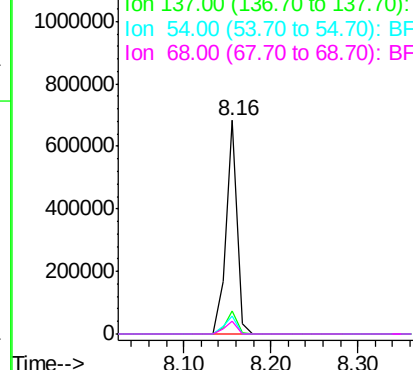
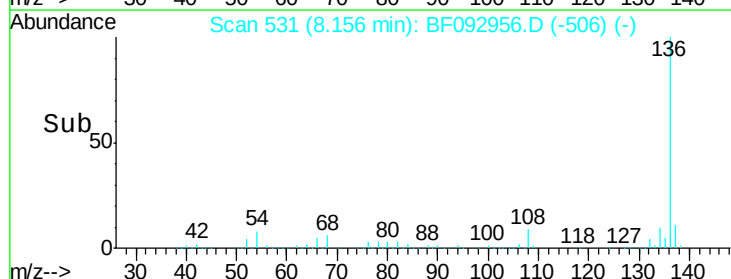
137 10.9 8.4 12.6

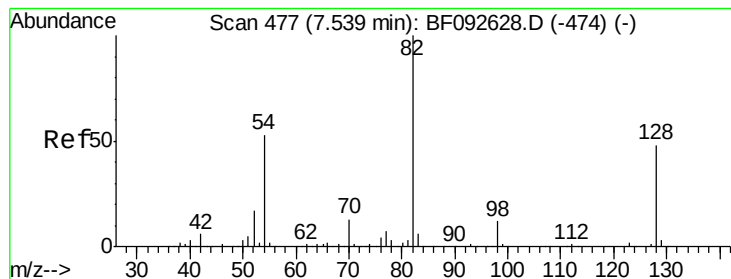
54 8.4 4.5 6.7#

68 6.2 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: 77.82 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF092956.D

Acq: 15 Feb 2017 17:41

Instrument :

BNA_F

ClientSampleId :

TP1-2-COMP14

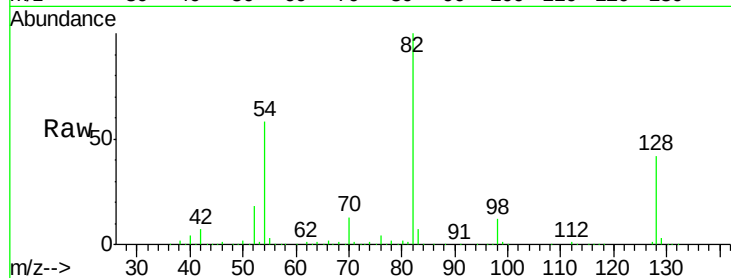
Tgt Ion: 82 Resp: 854129

Ion Ratio Lower Upper

82 100

128 42.2 34.6 52.0

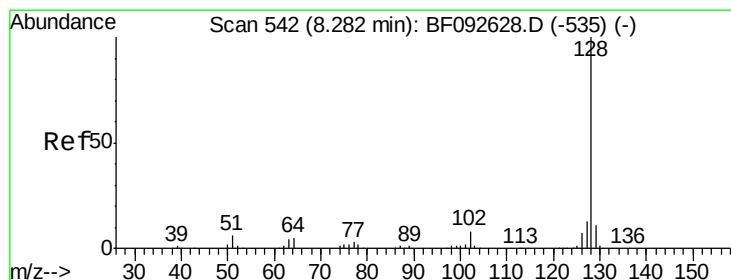
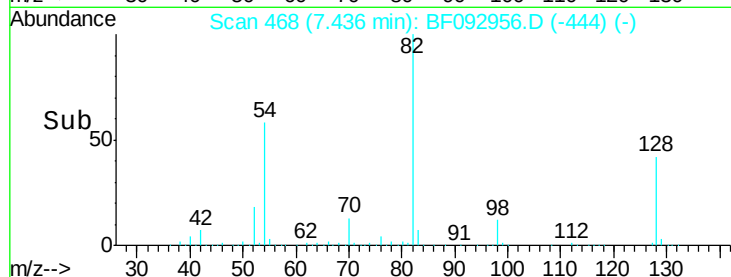
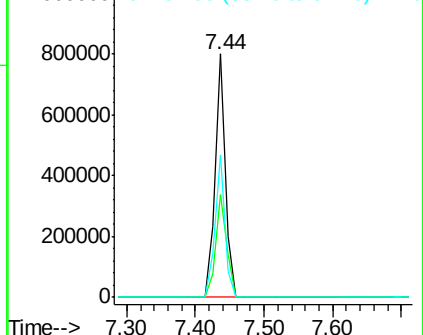
54 58.3 39.5 59.3



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



#31

Naphthalene

Concen: 4.17 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092956.D

Acq: 15 Feb 2017 17:41

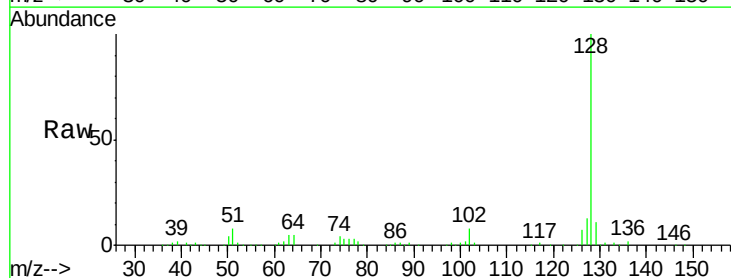
Tgt Ion: 128 Resp: 129231

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

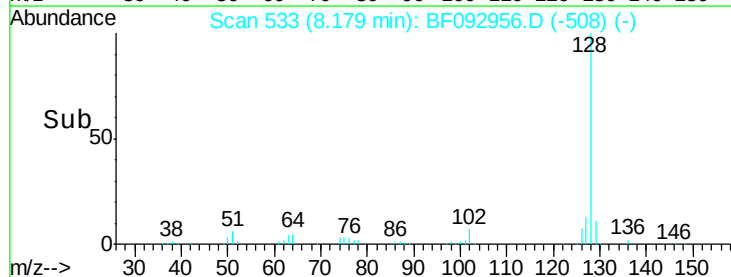
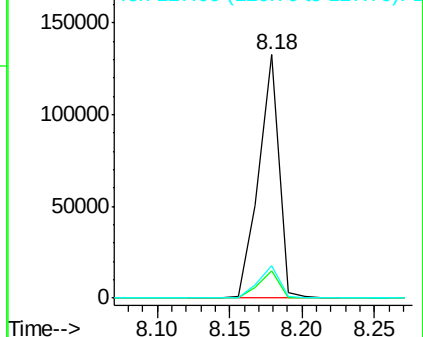
127 13.3 10.8 16.2

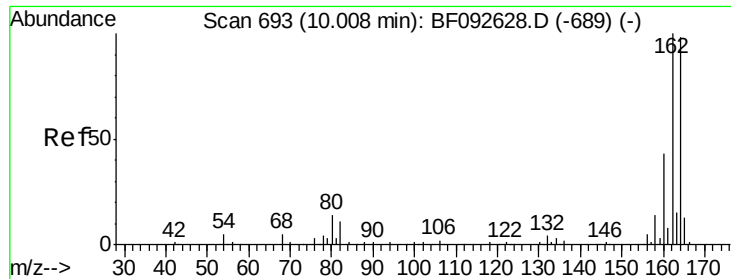


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

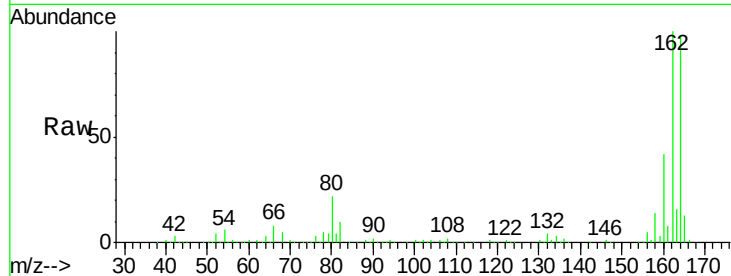




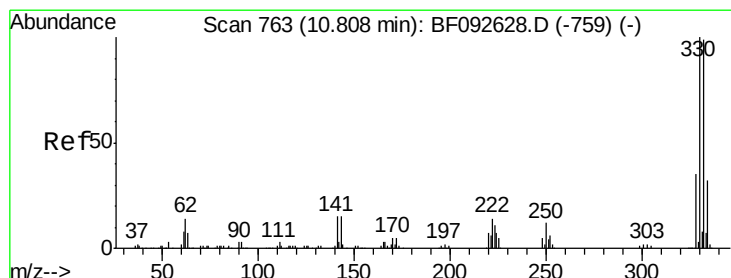
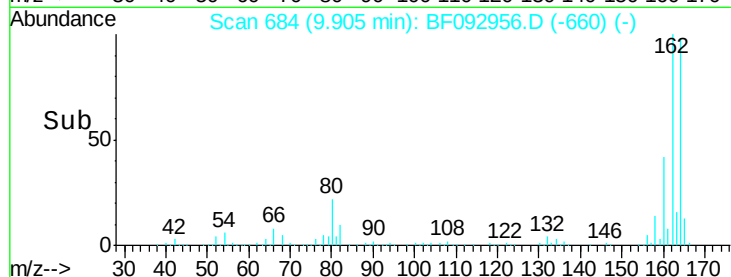
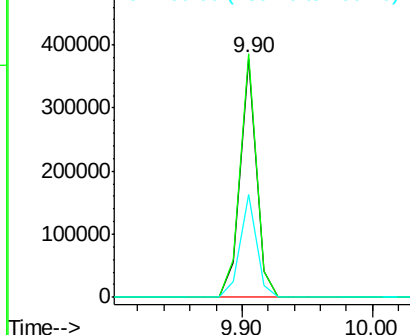
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092956.D
 Acq: 15 Feb 2017 17:41

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 BNA_F
 ClientSampleId :
 TP1-2-COMP14

Tgt Ion:164 Resp: 327487
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.2 120.2
 160 43.0 36.9 55.3

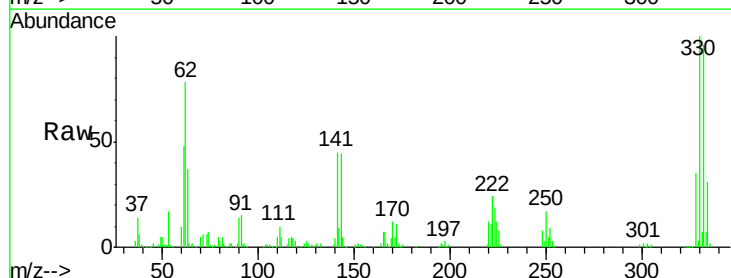


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

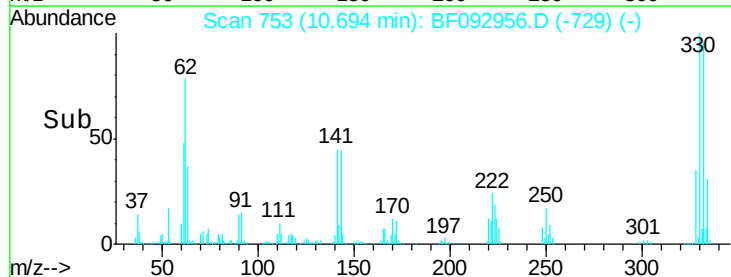
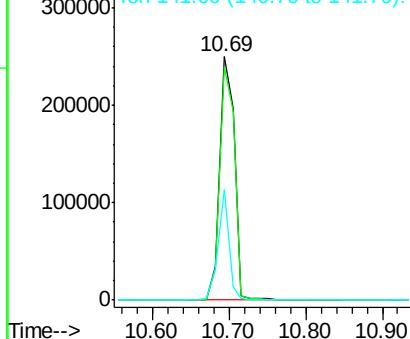


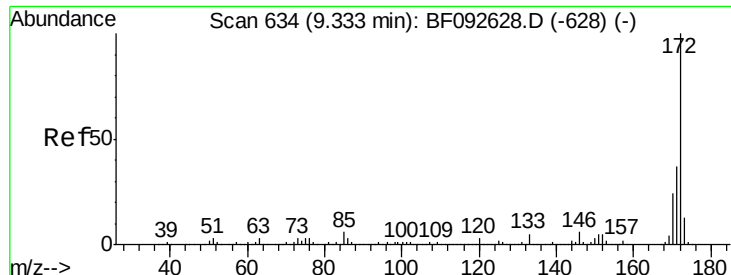
#41
 2,4,6-Tribromophenol
 Concen: 142.87 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF092956.D
 Acq: 15 Feb 2017 17:41

Tgt Ion:330 Resp: 338392
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 33.2 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

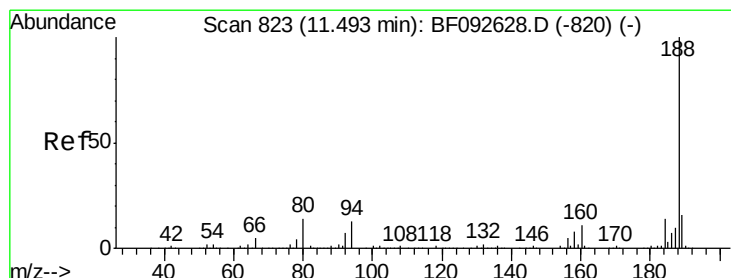
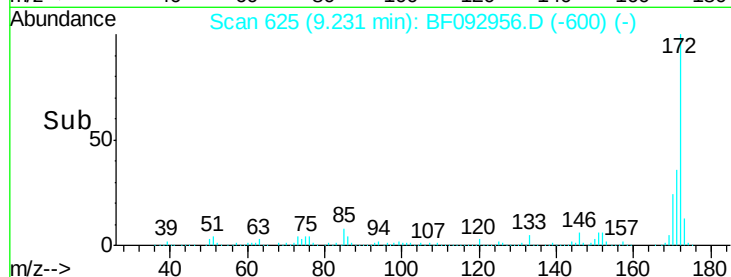
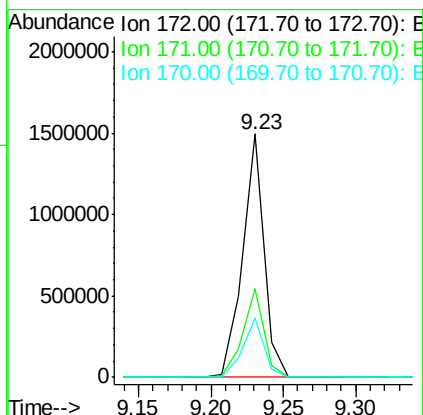
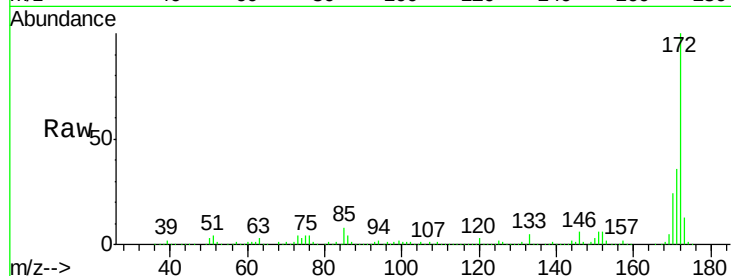




#44
 2-Fluorobiphenyl
 Concen: 85.00 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092956.D
 Acq: 15 Feb 2017 17:41

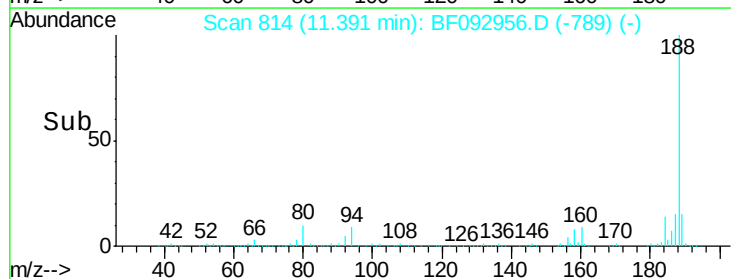
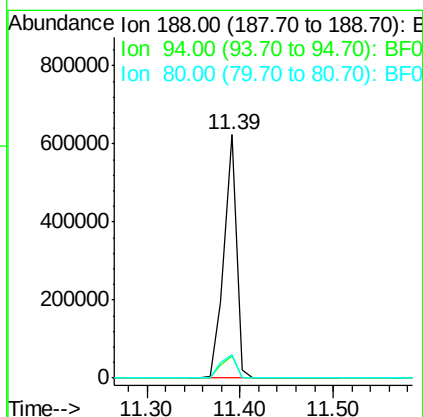
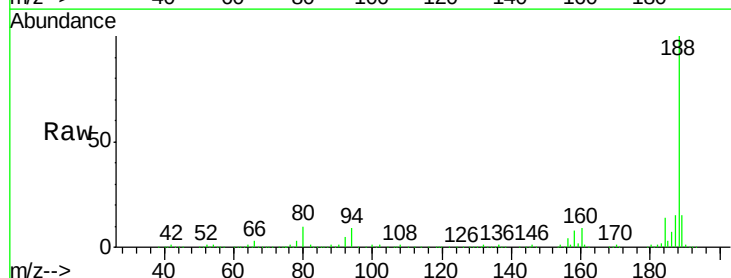
Instrument :
 BNA_F
 ClientSampleId :
 TP1-2-COMP14

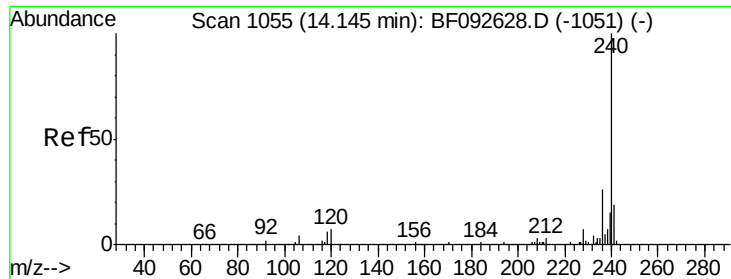
Tgt Ion:172 Resp: 1536556
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.4 20.2 30.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF092956.D
 Acq: 15 Feb 2017 17:41

Tgt Ion:188 Resp: 582560
 Ion Ratio Lower Upper
 188 100
 94 9.1 10.0 15.0#
 80 9.6 11.2 16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF092956.D

Acq: 15 Feb 2017 17:41

Instrument :

BNA_F

ClientSampleId :

TP1-2-COMP14

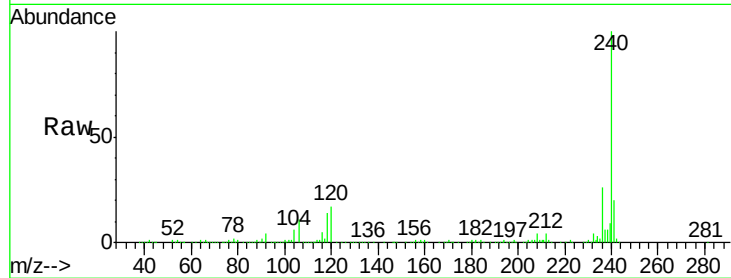
Tgt Ion:240 Resp: 487332

Ion Ratio Lower Upper

240 100

120 17.2 12.9 19.3

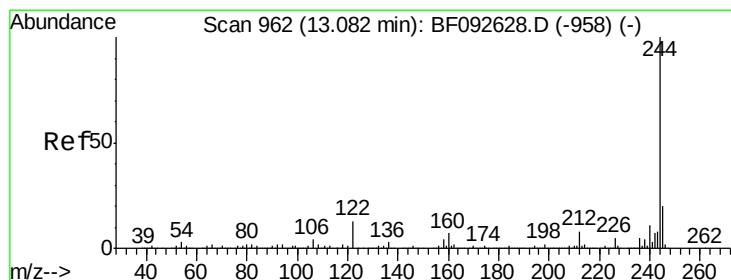
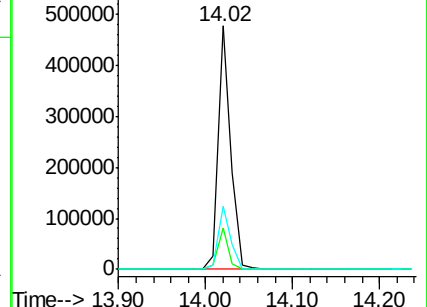
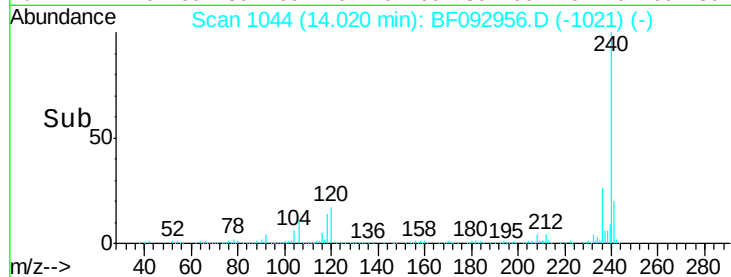
236 25.9 20.9 31.3



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: 76.27 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092956.D

Acq: 15 Feb 2017 17:41

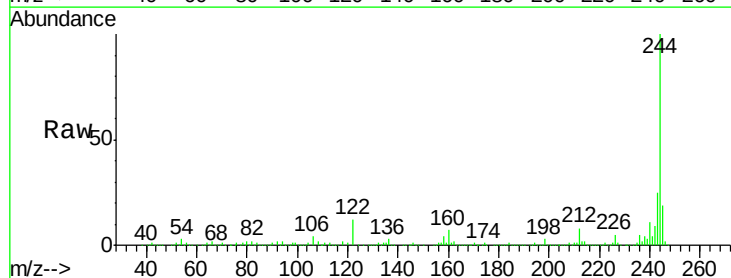
Tgt Ion:244 Resp: 1581917

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

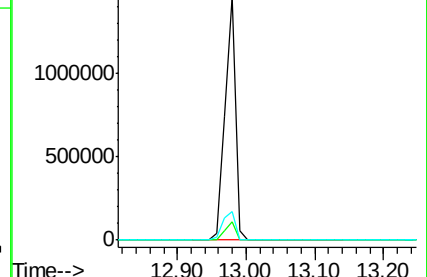
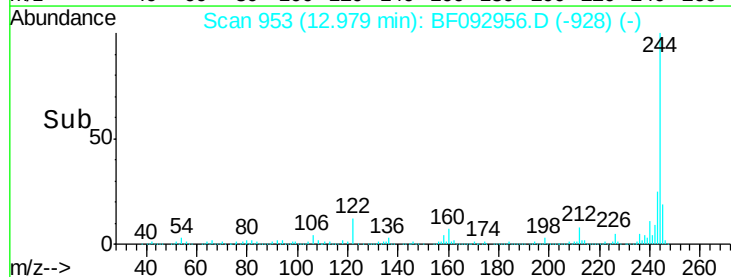
122 11.9 11.4 17.2

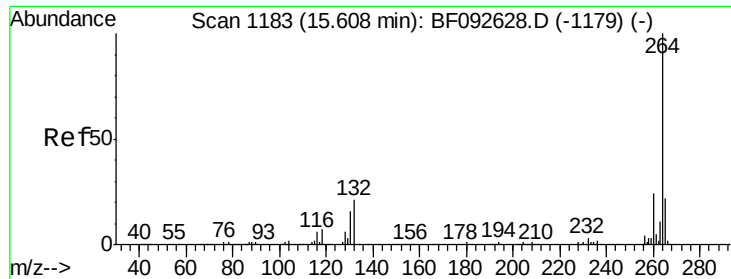


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

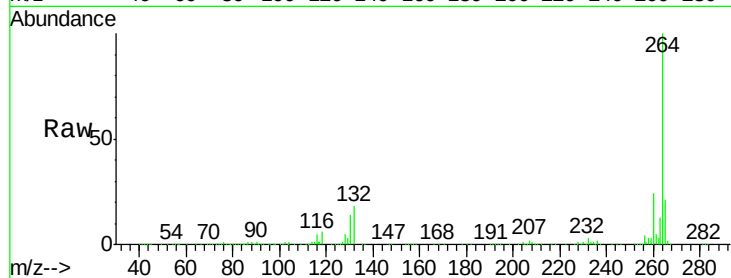




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092956.D
Acq: 15 Feb 2017 17:41

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 264 Resp: 433124
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.2 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

