

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089267.D
 Acq On : 24 Jul 2016 8:35
 Operator : UM/SJ
 Sample : H4150-01 5X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

Quant Time: Jul 25 05:25:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 03:29:41 2016
 Response via : Initial Calibration

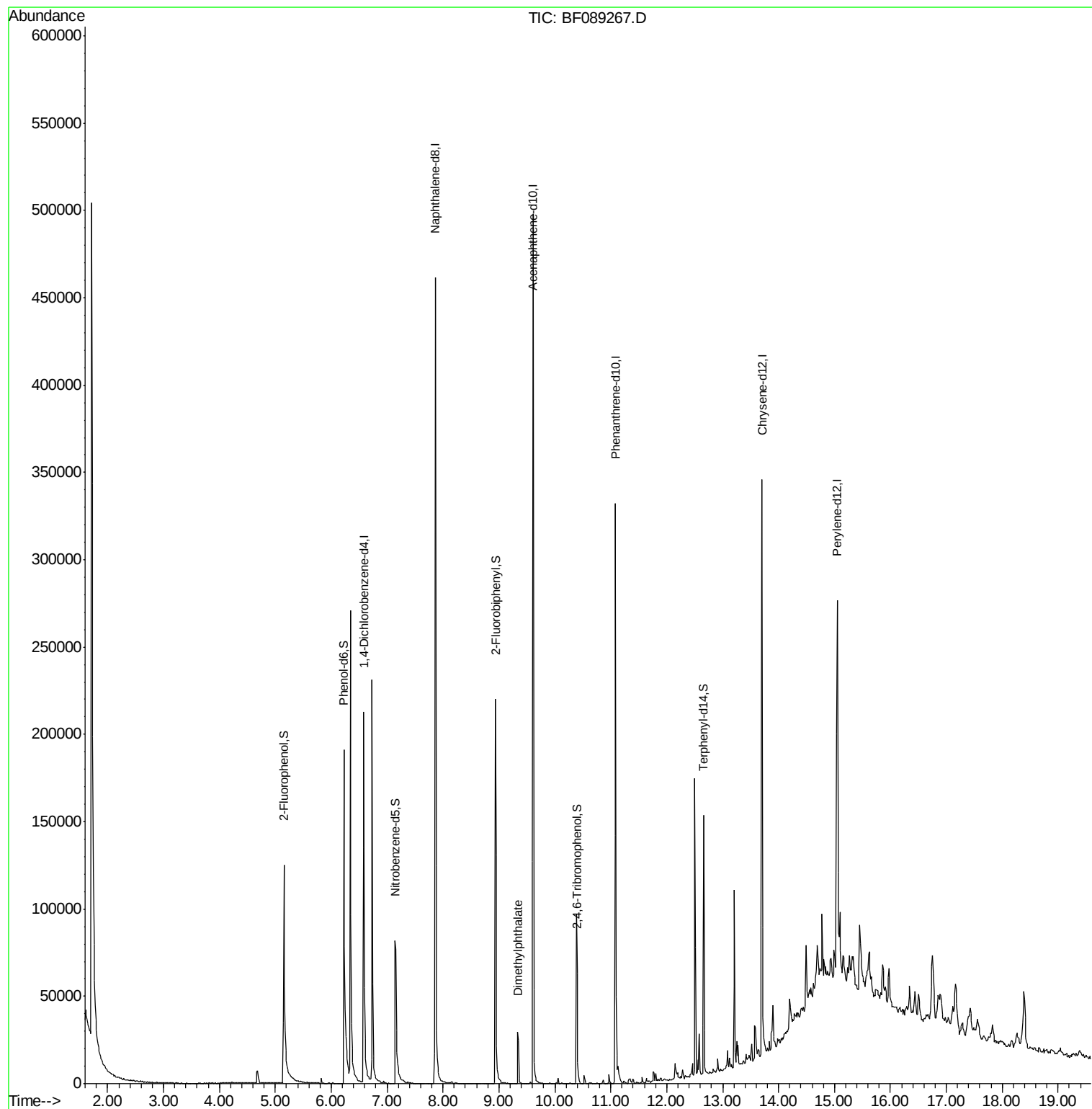
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	54462	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	243958	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	104487	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	161582	20.00	ng	0.00
75) Chrysene-d12	13.70	240	117126	20.00	ng	-0.01
86) Perylene-d12	15.05	264	100959	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	74954	20.93	ng	0.00
7) Phenol-d6	6.23	99	115514	25.01	ng	-0.01
23) Nitrobenzene-d5	7.14	82	69152	15.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	14116	15.01	ng	0.00
44) 2-Fluorobiphenyl	8.94	172	101043	13.32	ng	-0.01
78) Terphenyl-d14	12.66	244	49885	9.24	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.35	163	21016	2.62	ng	Qvalue 99

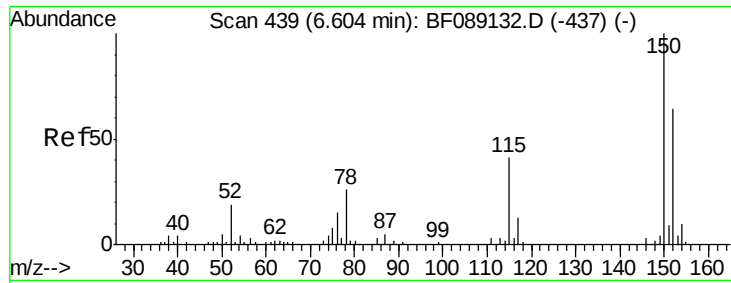
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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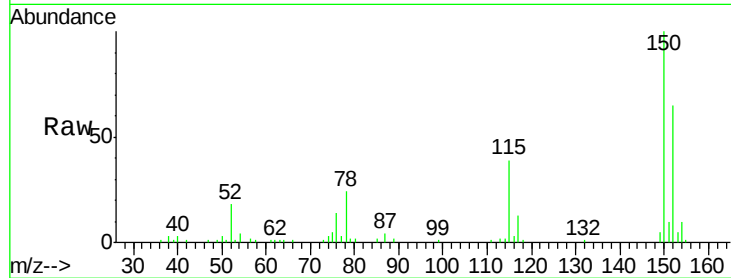


#1

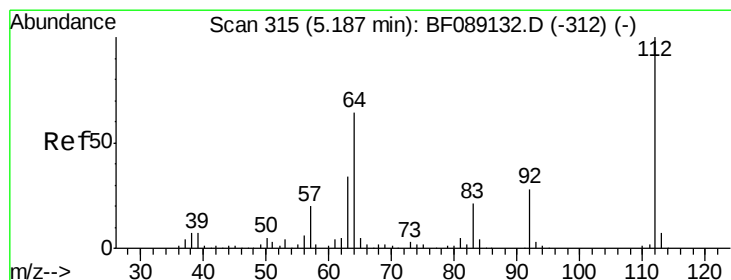
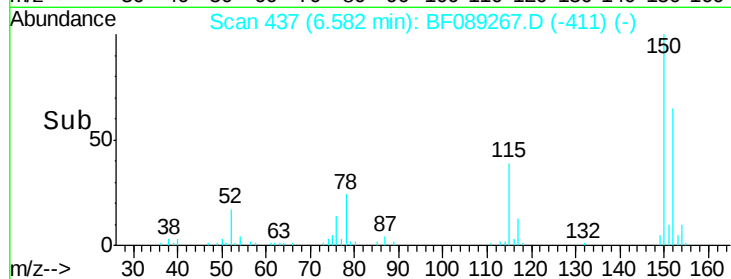
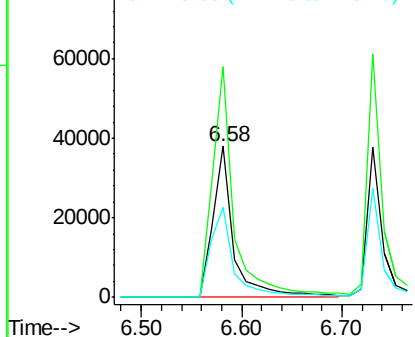
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF089267.D
Acq: 24 Jul 2016 8:35

Instrument :
BNA_F
ClientSampleId :
TS-1

Tgt Ion:152 Resp: 54462
Ion Ratio Lower Upper
152 100
150 153.2 125.1 187.7
115 59.6 51.1 76.7



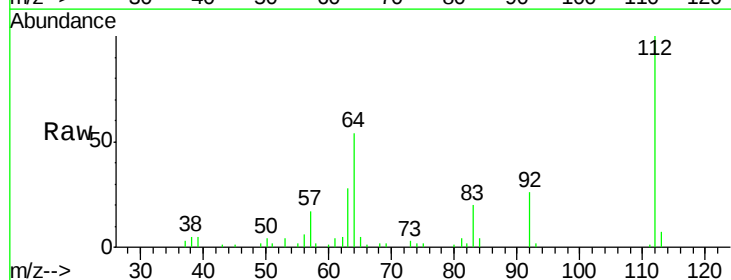
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



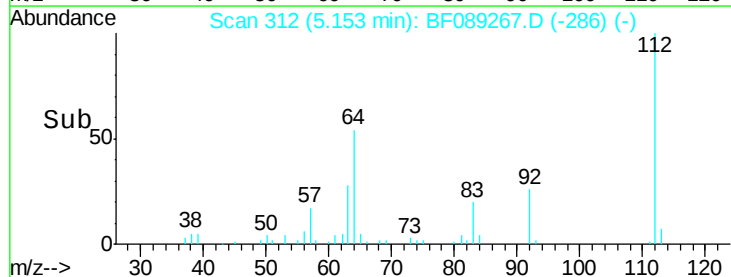
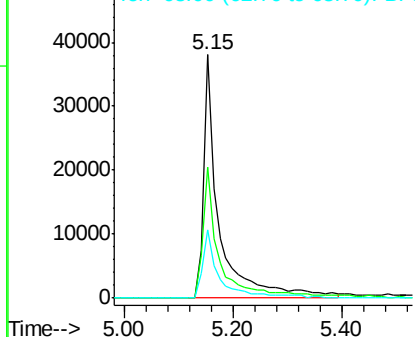
#5

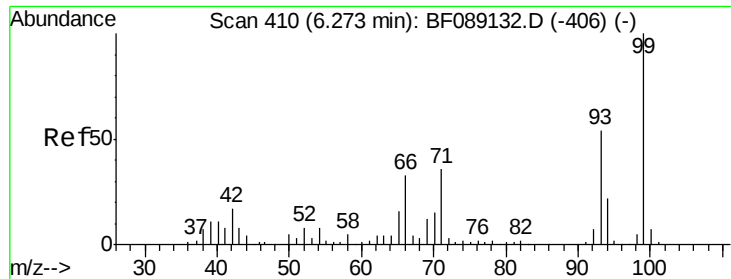
2-Fluorophenol
Concen: 20.93 ng
RT: 5.15 min Scan# 312
Delta R.T. 0.00 min
Lab File: BF089267.D
Acq: 24 Jul 2016 8:35

Tgt Ion:112 Resp: 74954
Ion Ratio Lower Upper
112 100
64 53.9 51.0 76.4
63 28.1 27.3 40.9



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: 25.01 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF089267.D

Acq: 24 Jul 2016 8:35

Instrument :

BNA_F

ClientSampleId :

TS-1

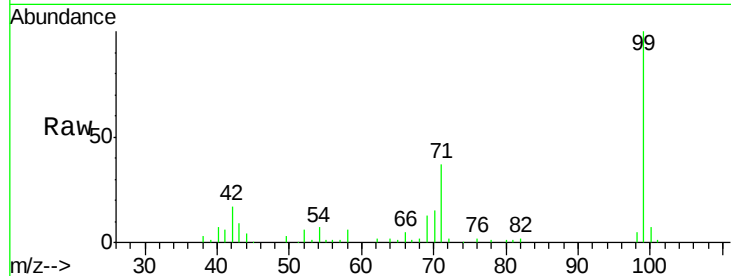
Tgt Ion: 99 Resp: 115514

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

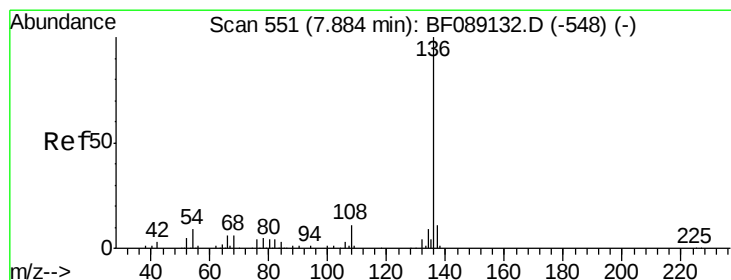
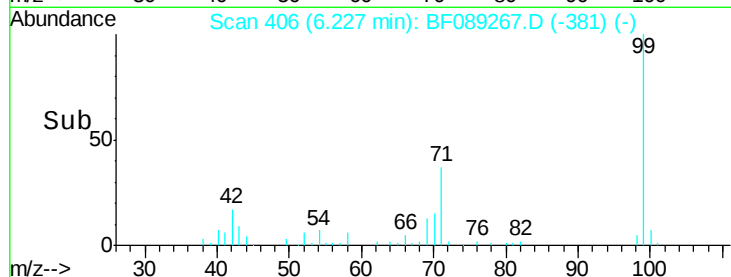
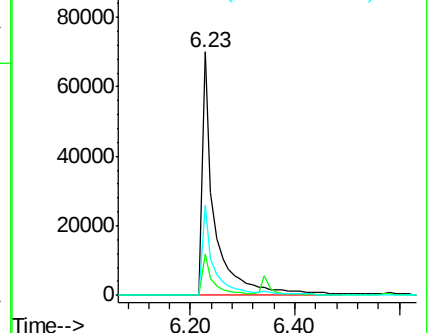
71 37.1 28.9 43.3



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: 7.86 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF089267.D

Acq: 24 Jul 2016 8:35

Tgt Ion: 136 Resp: 243958

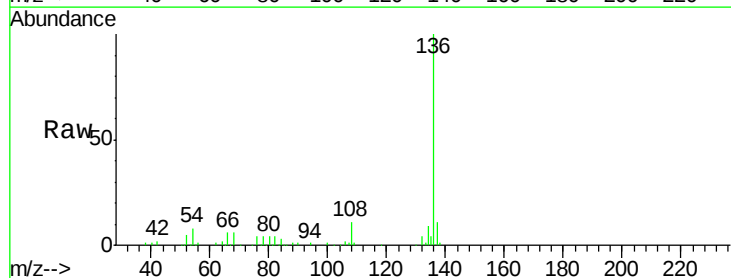
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.9 7.0 10.4

68 5.9 5.0 7.6

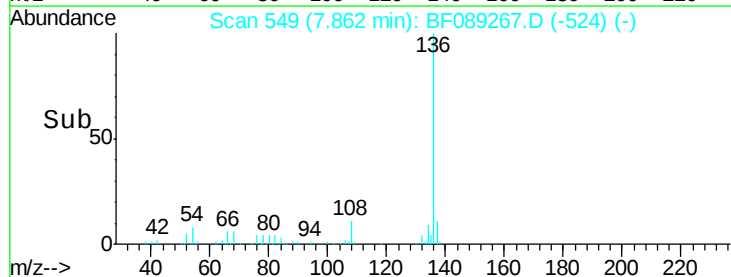
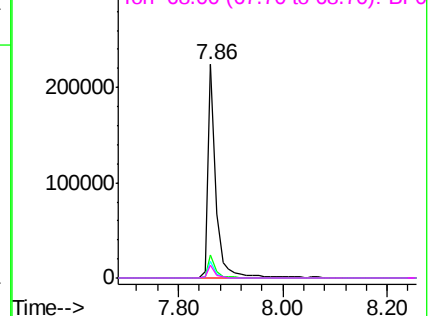


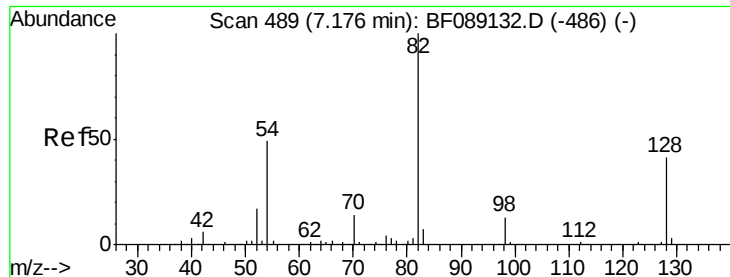
Abundance Ion 136.00 (135.70 to 136.70): E

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

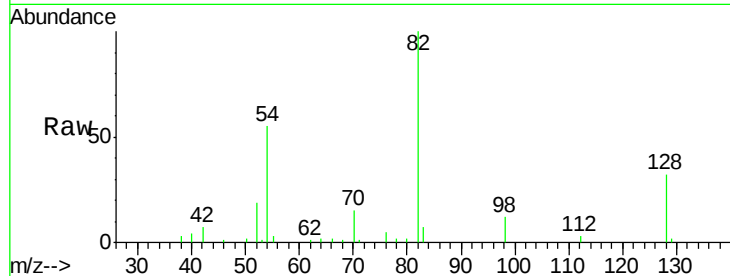




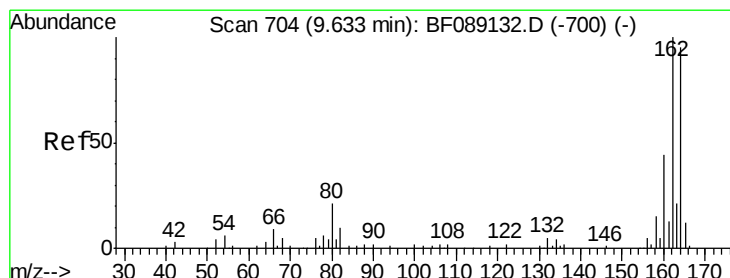
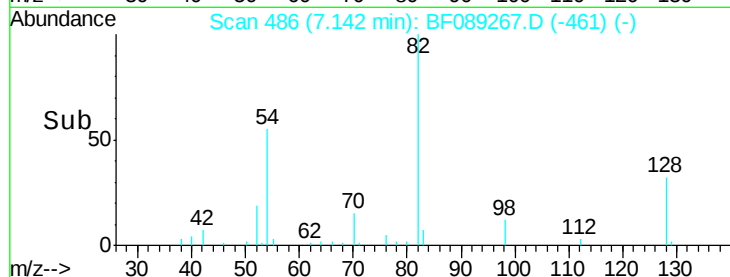
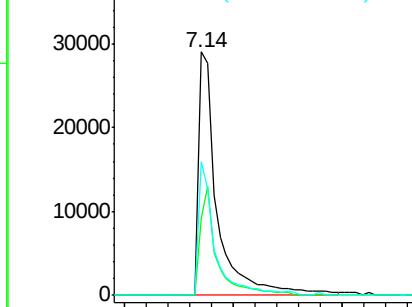
#23
 Nitrobenzene-d5
 Concen: 15.06 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: BF089267.D
 Acq: 24 Jul 2016 8:35

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

Tgt Ion: 82 Resp: 69152
 Ion Ratio Lower Upper
 82 100
 128 31.8 33.0 49.6#
 54 54.9 39.0 58.4

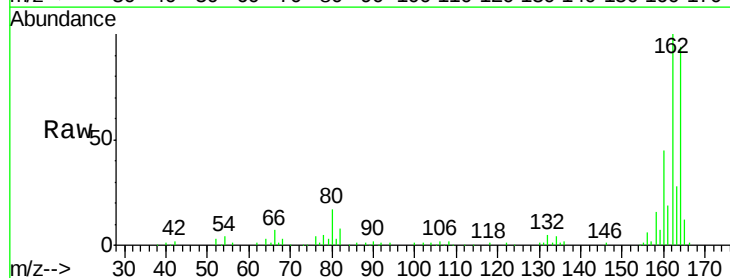


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

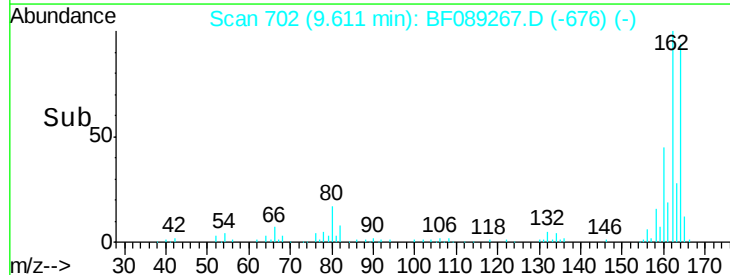
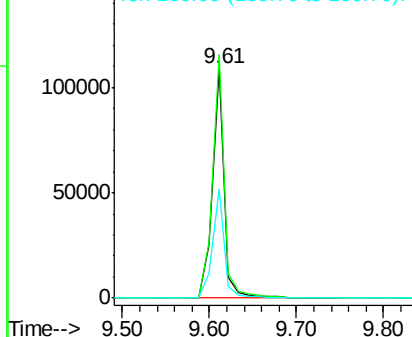


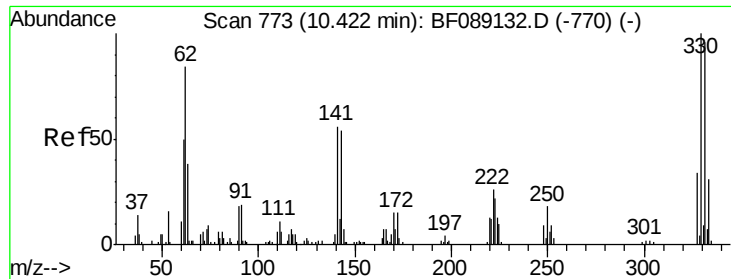
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF089267.D
 Acq: 24 Jul 2016 8:35

Tgt Ion: 164 Resp: 104487
 Ion Ratio Lower Upper
 164 100
 162 106.2 84.1 126.1
 160 47.8 37.1 55.7



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

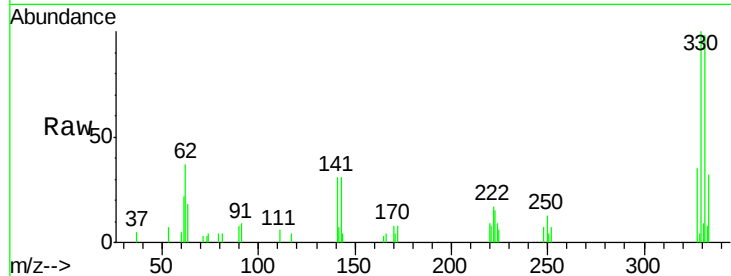




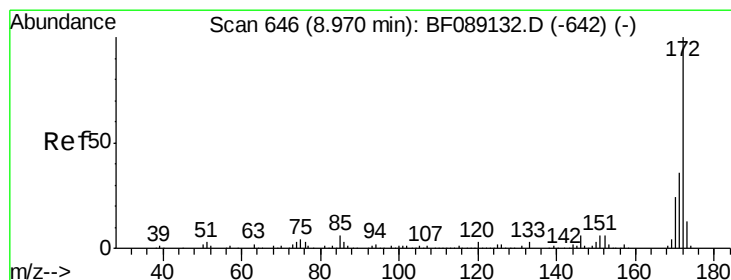
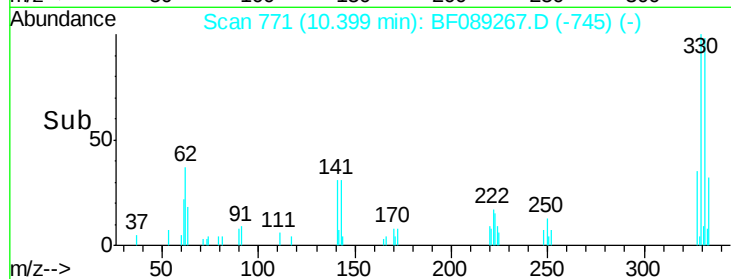
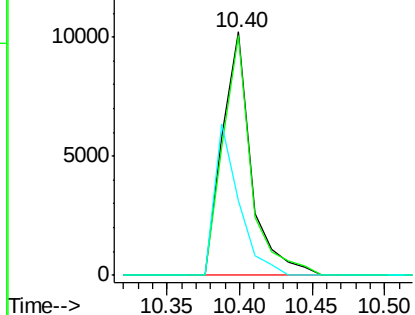
#41
 2,4,6-Tribromophenol
 Concen: 15.01 ng
 RT: 10.40 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF089267.D
 Acq: 24 Jul 2016 8:35

Instrument :
 BNA_F
 ClientSampled :
 TS-1

Tgt Ion: 330 Resp: 14116
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.2 115.8
 141 52.4 42.2 63.2

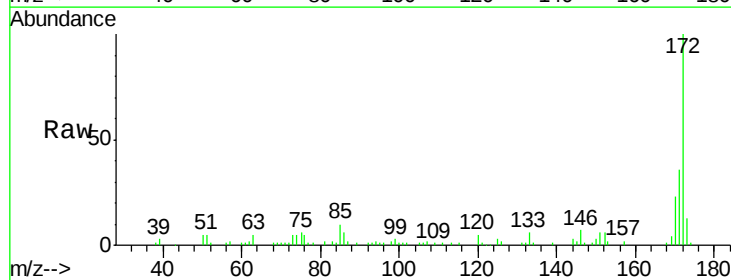


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

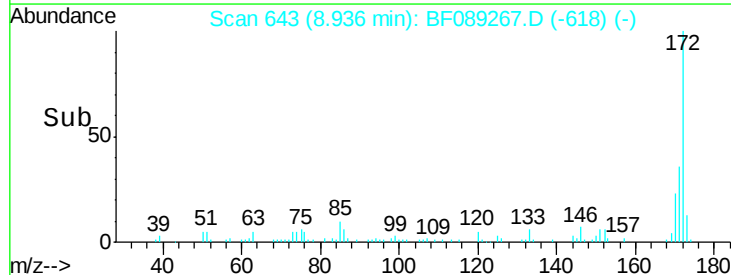
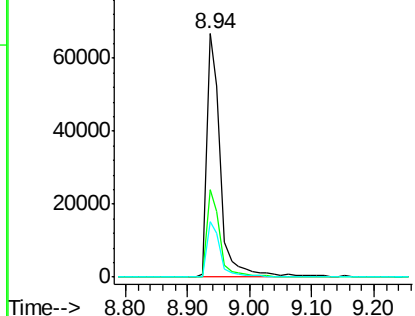


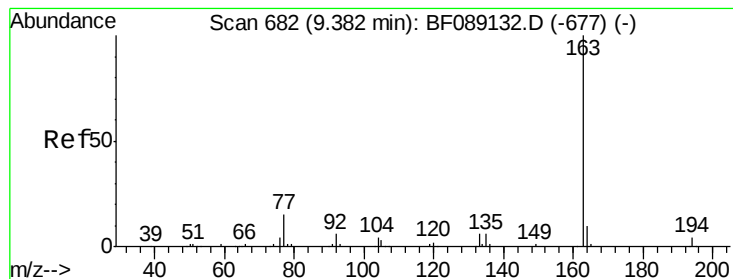
#44
 2-Fluorobiphenyl
 Concen: 13.32 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF089267.D
 Acq: 24 Jul 2016 8:35

Tgt Ion: 172 Resp: 101043
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 22.9 19.1 28.7



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





#49

Dimethylphthalate

Concen: 2.62 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF089267.D

Acq: 24 Jul 2016 8:35

Instrument :

BNA_F

ClientSampleId :

TS-1

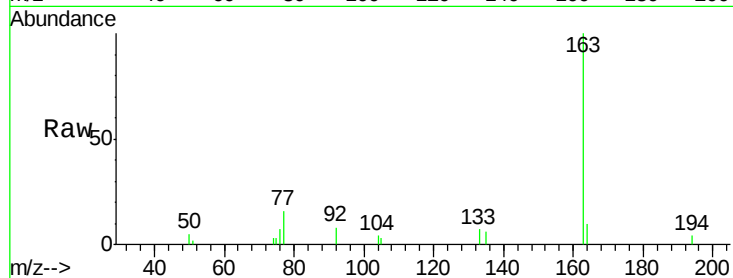
Tgt Ion:163 Resp: 21016

Ion Ratio Lower Upper

163 100

194 4.1 2.9 4.3

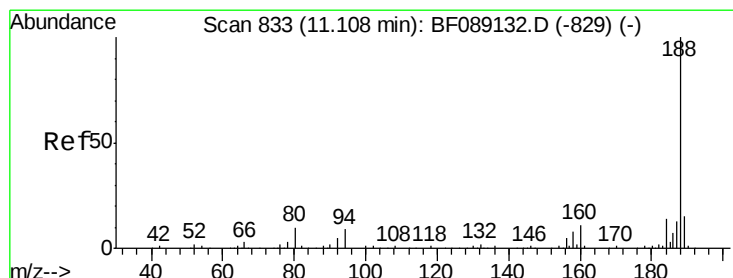
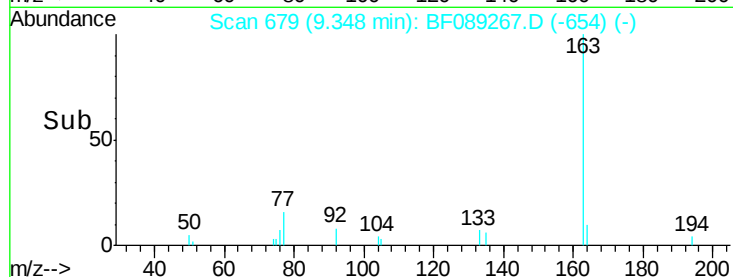
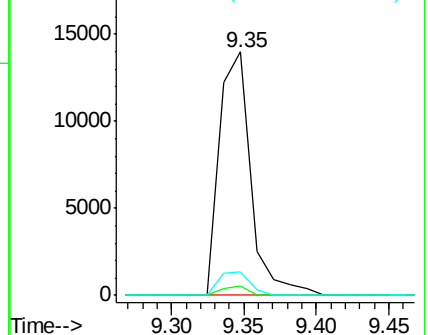
164 9.8 7.6 11.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF089267.D

Acq: 24 Jul 2016 8:35

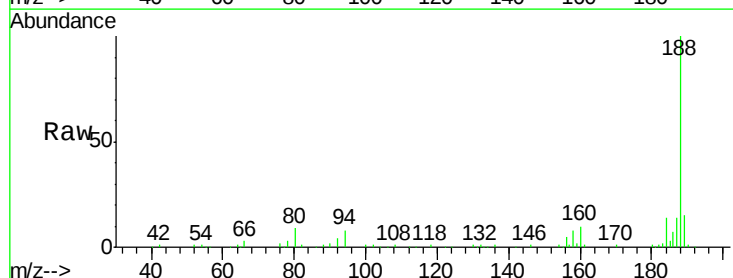
Tgt Ion:188 Resp: 161582

Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.4

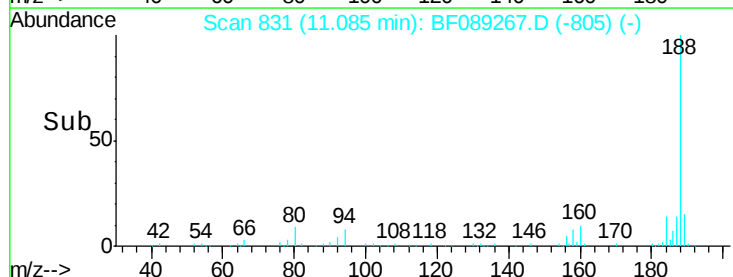
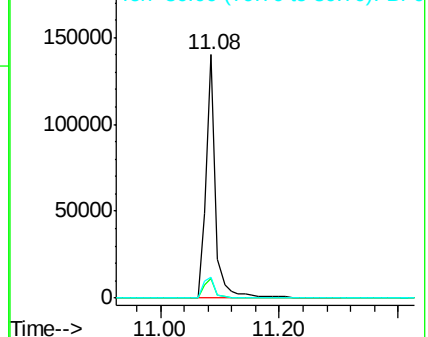
80 8.6 7.7 11.5

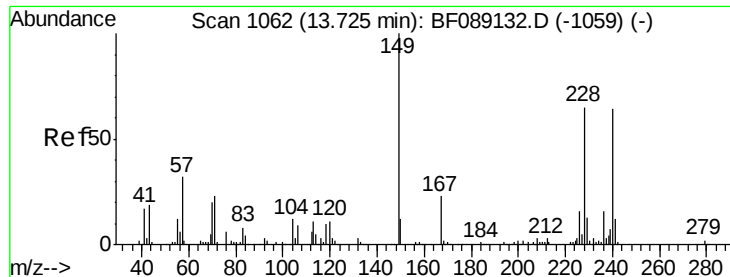


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.70 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF089267.D

Acq: 24 Jul 2016 8:35

Instrument :

BNA_F

ClientSampleId :

TS-1

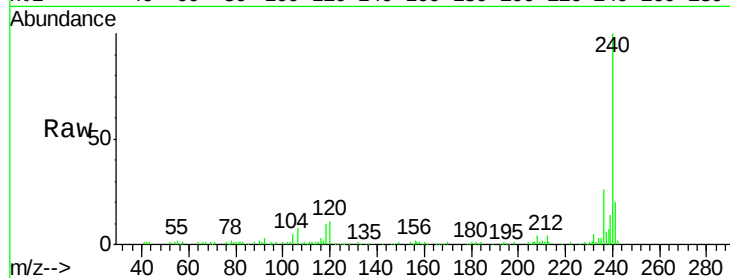
Tgt Ion:240 Resp: 117126

Ion Ratio Lower Upper

240 100

120 10.9 13.6 20.4#

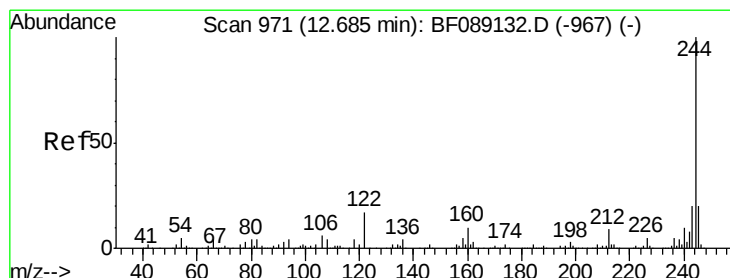
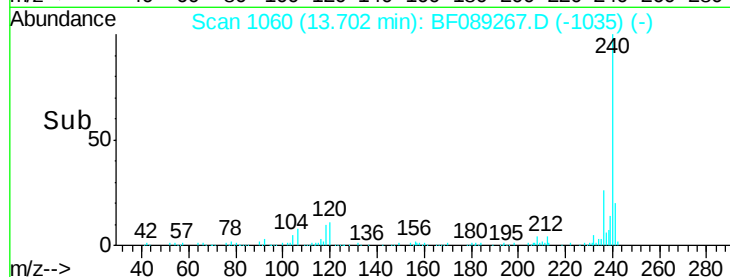
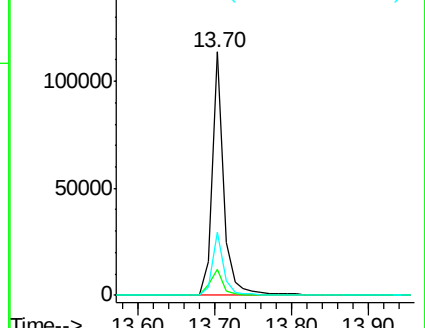
236 26.1 20.5 30.7



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: 9.24 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF089267.D

Acq: 24 Jul 2016 8:35

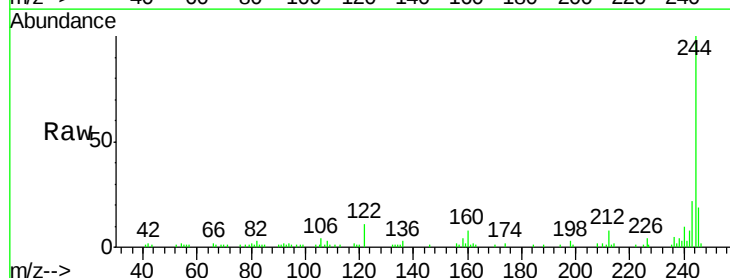
Tgt Ion:244 Resp: 49885

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.4

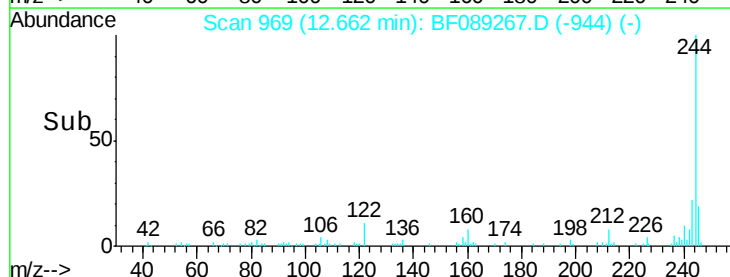
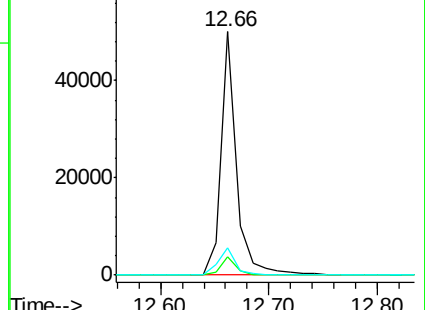
122 11.3 13.8 20.8#

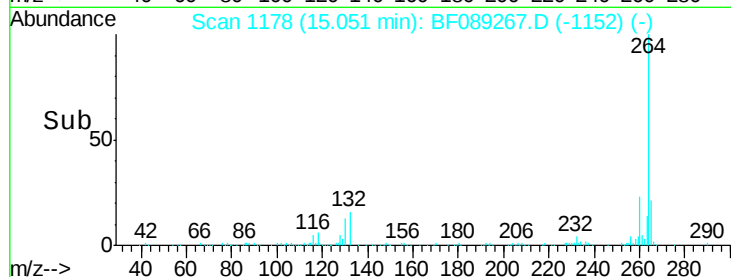
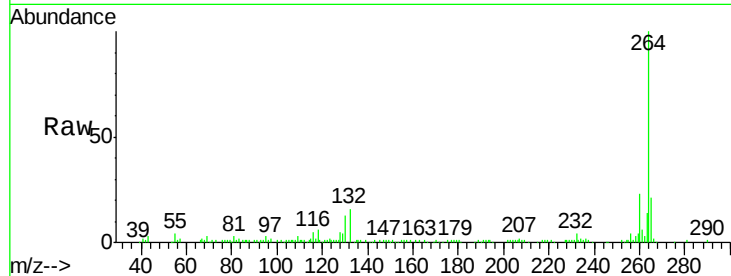
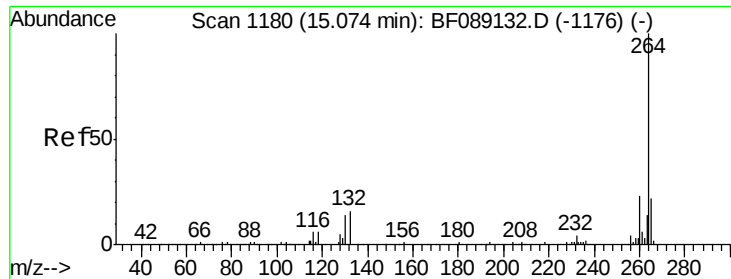


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.05 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF089267.D

Acq: 24 Jul 2016 8:35

Instrument :

BNA_F

ClientSampleId :

TS-1

Tgt Ion:264 Resp: 100959

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 20.9 17.3 25.9

