

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092171.D
 Acq On : 10 Jan 2017 6:24
 Operator : UM/SJ
 Sample : I1056-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-08

Quant Time: Jan 10 06:58:08 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	127390	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	458761	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	207638	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	357365	20.00	ng	0.00
75) Chrysene-d12	13.79	240	206847	20.00	ng	0.00
86) Perylene-d12	15.17	264	163712	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	690751	90.54	ng	0.01
7) Phenol-d6	6.31	99	508818	54.63	ng	0.00
23) Nitrobenzene-d5	7.21	82	676055	81.94	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	227038	132.12	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1218540	126.55	ng	0.00
78) Terphenyl-d14	12.75	244	979266	114.82	ng	0.00

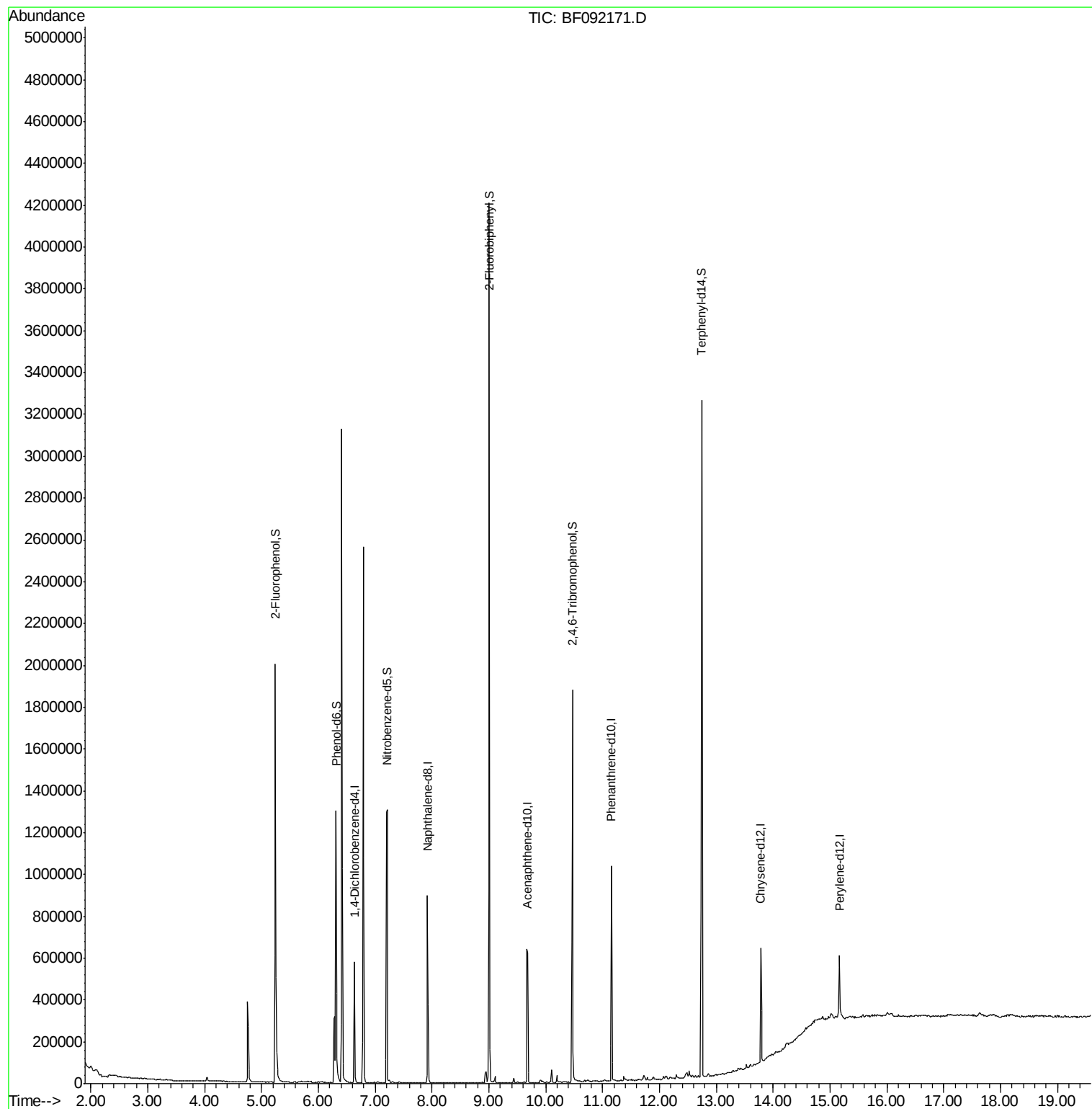
Target Compounds	Qvalue
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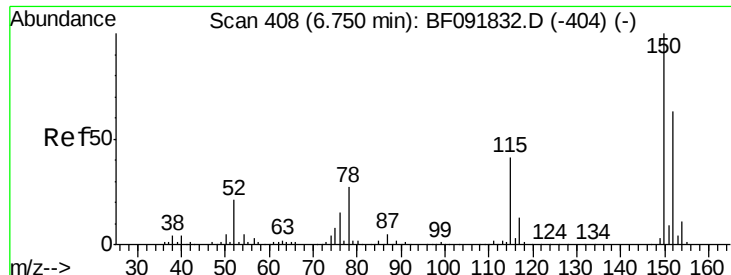
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092171.D

Acq: 10 Jan 2017 6:24

Instrument :

BNA_F

ClientSampled :

W-08

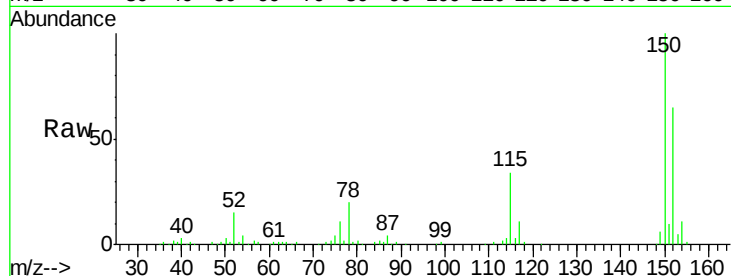
Tgt Ion:152 Resp: 127390

Ion Ratio Lower Upper

152 100

150 154.5 124.9 187.3

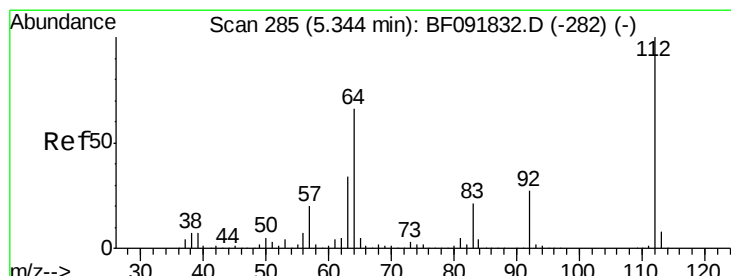
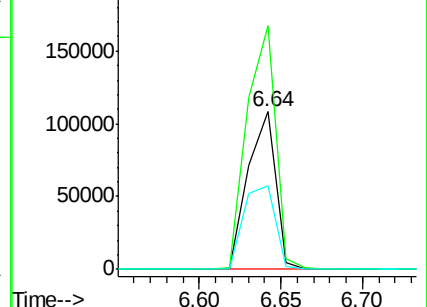
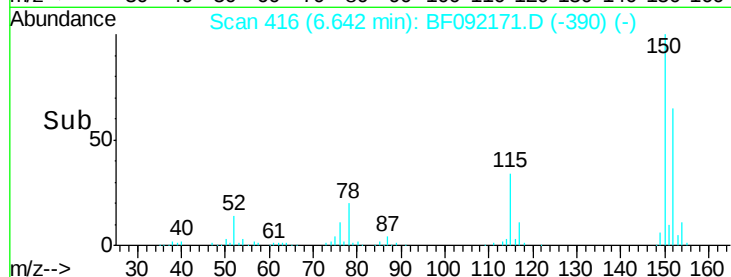
115 52.9 46.0 69.0



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: 90.54 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092171.D

Acq: 10 Jan 2017 6:24

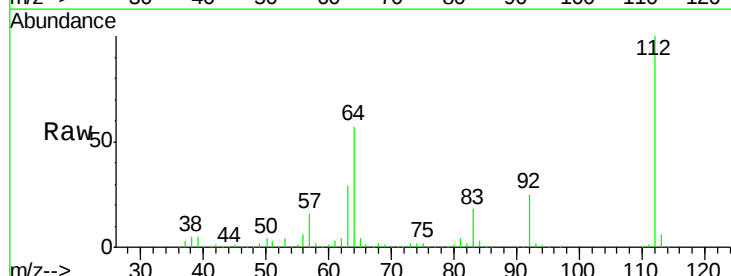
Tgt Ion:112 Resp: 690751

Ion Ratio Lower Upper

112 100

64 56.6 46.1 69.1

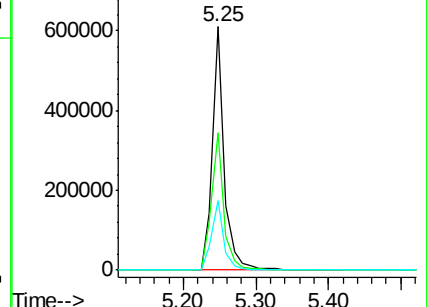
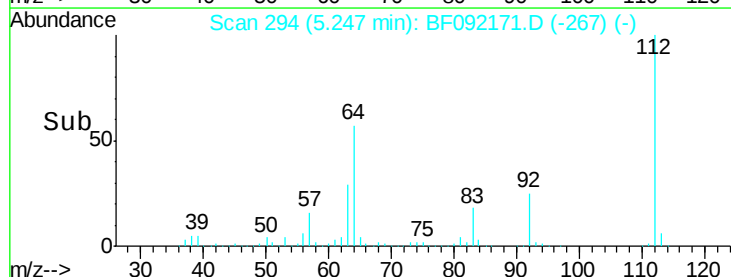
63 28.5 23.8 35.6



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: 54.63 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092171.D

Acq: 10 Jan 2017 6:24

Instrument :

BNA_F

ClientSampleId :

W-08

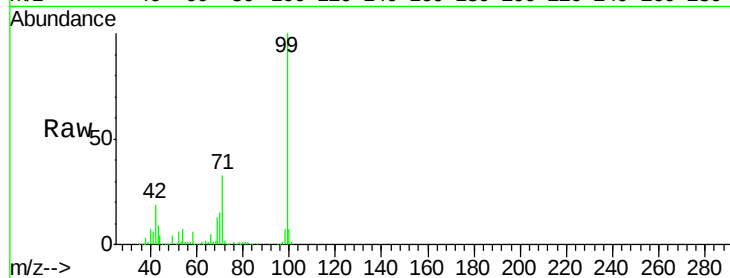
Tgt Ion: 99 Resp: 508818

Ion Ratio Lower Upper

99 100

42 18.6 15.6 23.4

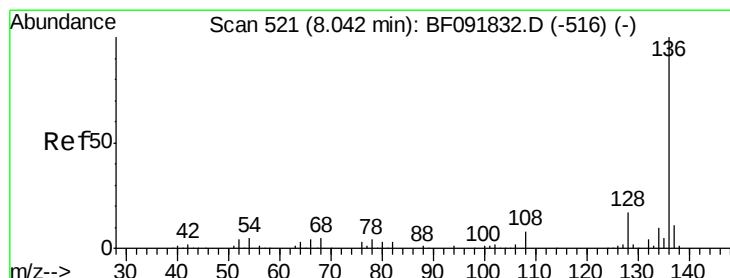
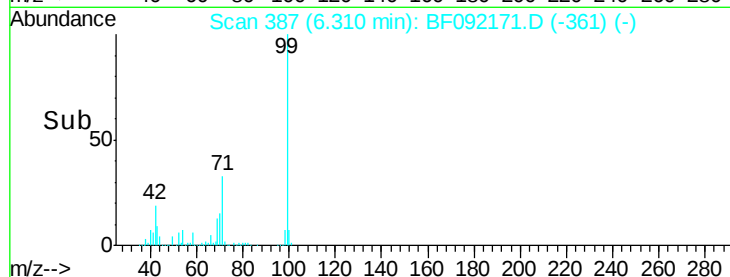
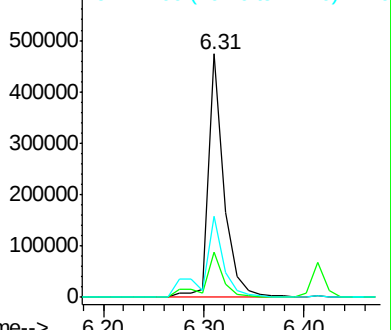
71 33.0 27.5 41.3



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: 7.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF092171.D

Acq: 10 Jan 2017 6:24

Tgt Ion: 136 Resp: 458761

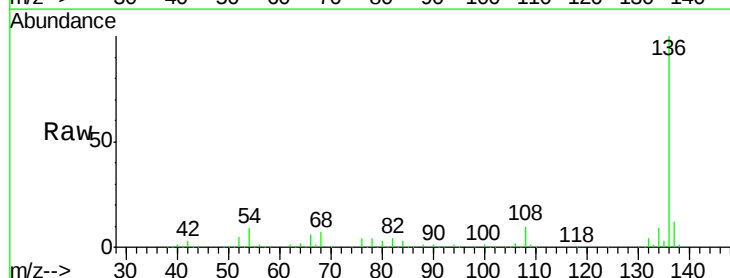
Ion Ratio Lower Upper

136 100

137 11.6 8.4 12.6

54 9.2 4.5 6.7#

68 6.9 3.6 5.4#

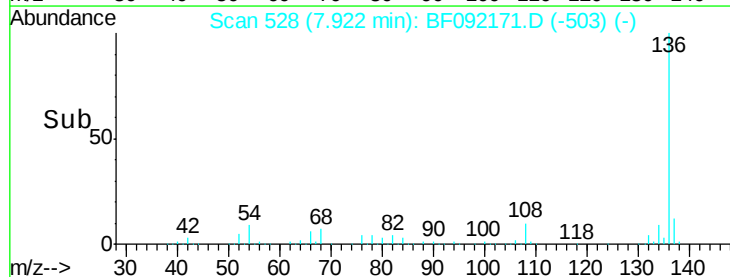
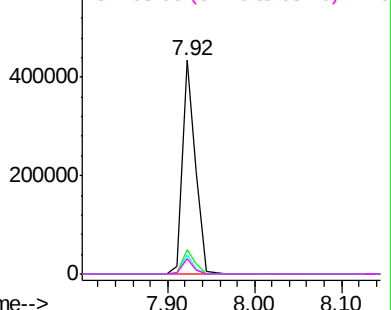


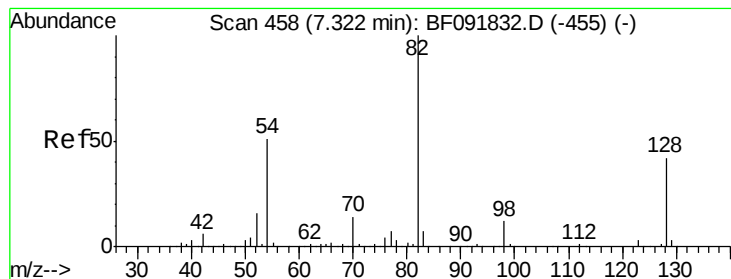
Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.94 ng

RT: 7.21 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF092171.D

Acq: 10 Jan 2017 6:24

Instrument :

BNA_F

ClientSampleId :

W-08

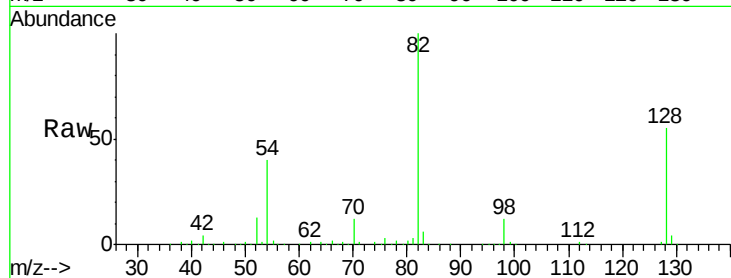
Tgt Ion: 82 Resp: 676055

Ion Ratio Lower Upper

82 100

128 55.4 34.6 52.0#

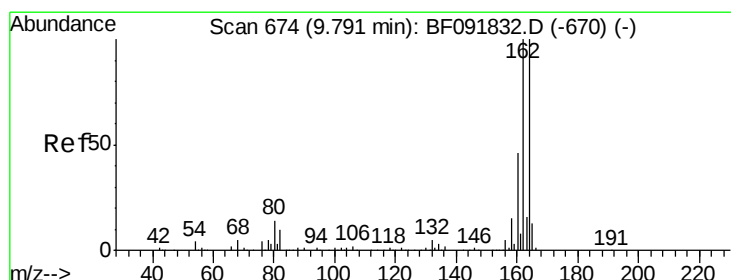
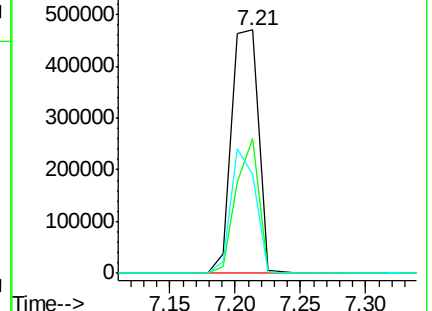
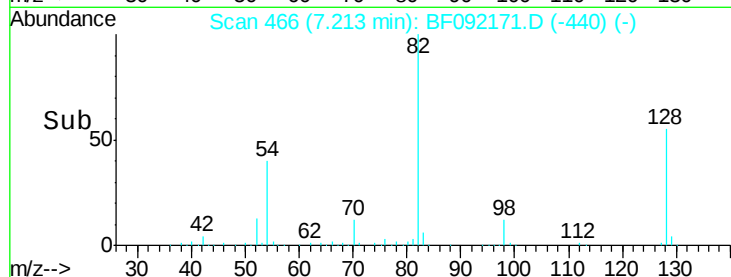
54 40.4 39.5 59.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF092171.D

Acq: 10 Jan 2017 6:24

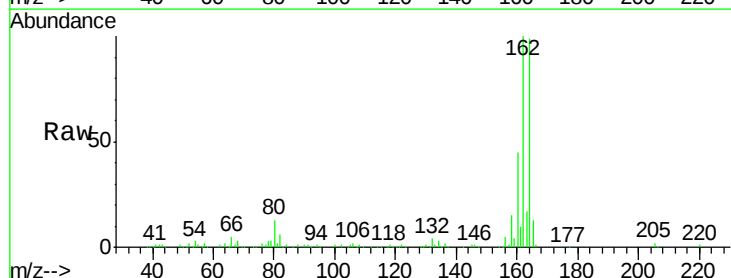
Tgt Ion: 164 Resp: 207638

Ion Ratio Lower Upper

164 100

162 100.6 80.2 120.2

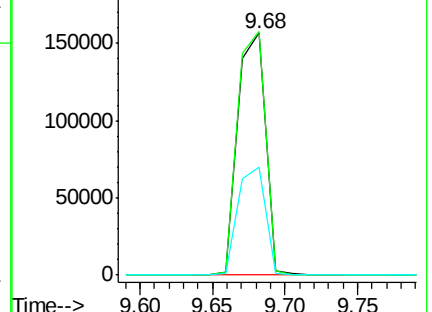
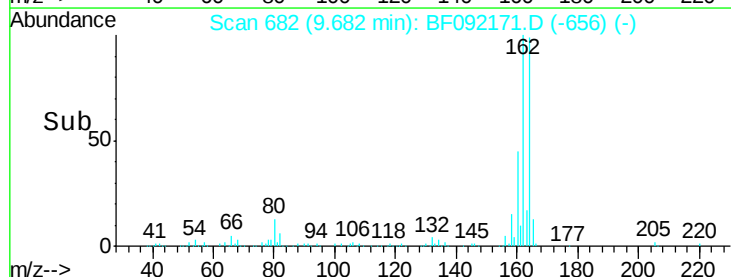
160 44.8 36.9 55.3

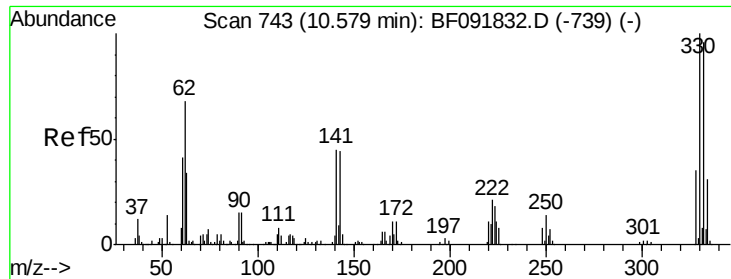


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

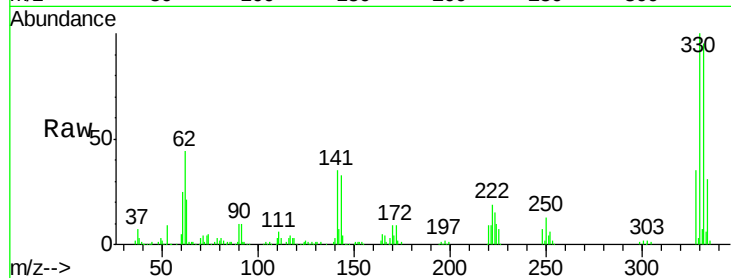




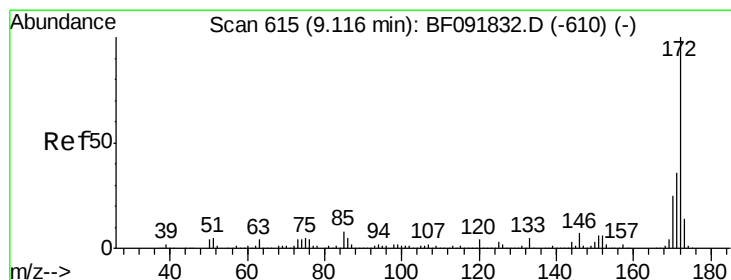
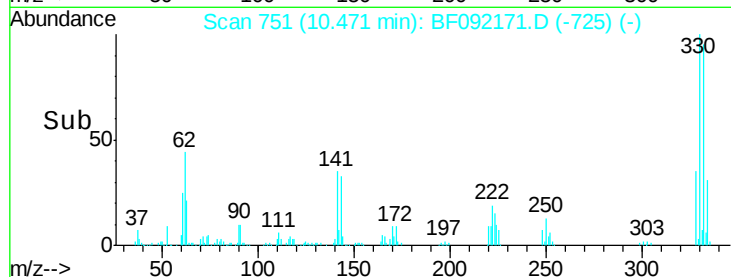
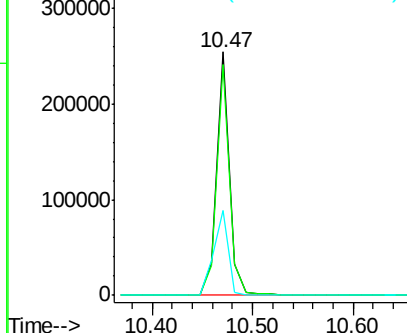
#41
 2,4,6-Tribromophenol
 Concen: 132.12 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092171.D
 Acq: 10 Jan 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 W-08

Tgt Ion:330 Resp: 227038
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 39.7 34.1 51.1

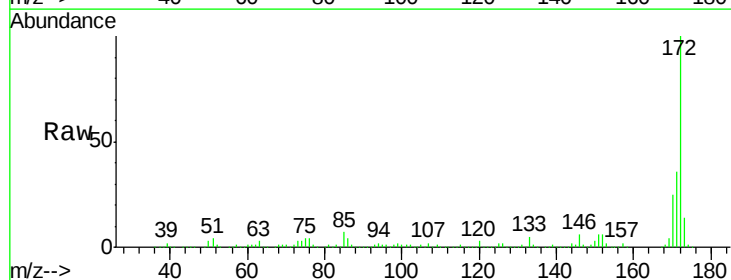


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

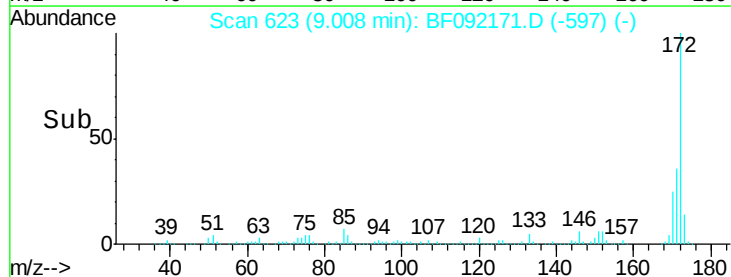
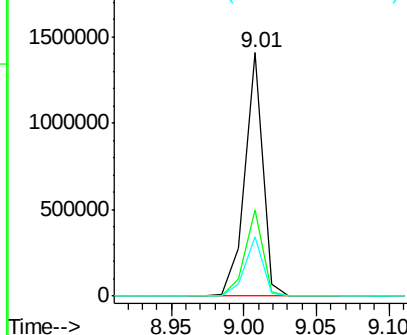


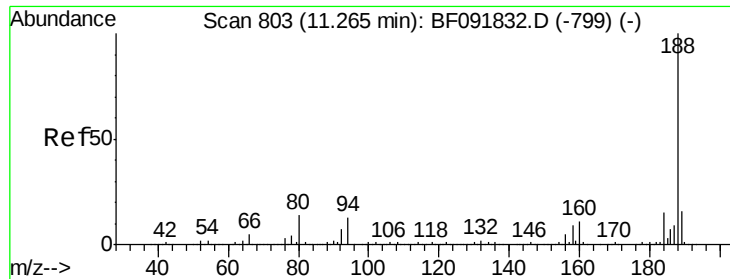
#44
 2-Fluorobiphenyl
 Concen: 126.55 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092171.D
 Acq: 10 Jan 2017 6:24

Tgt Ion:172 Resp: 1218540
 Ion Ratio Lower Upper
 172 100
 171 35.6 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

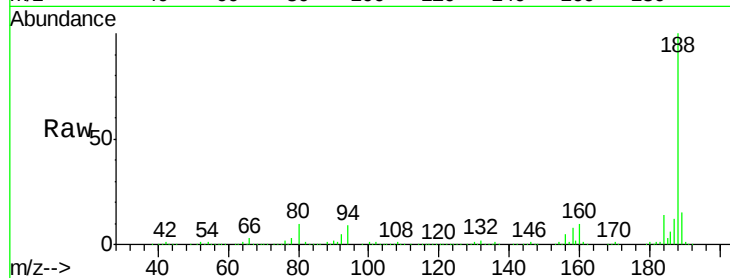




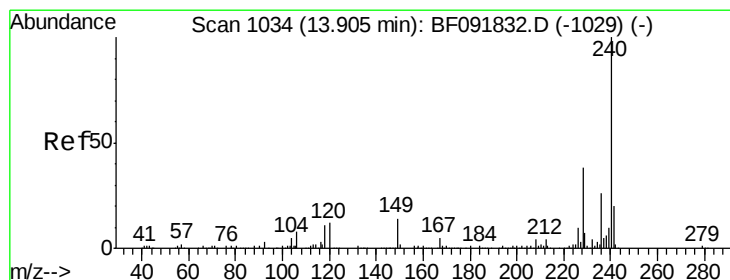
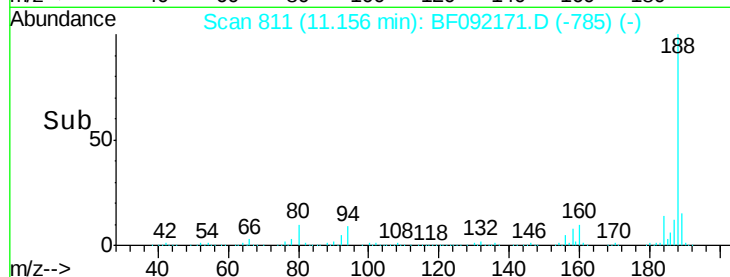
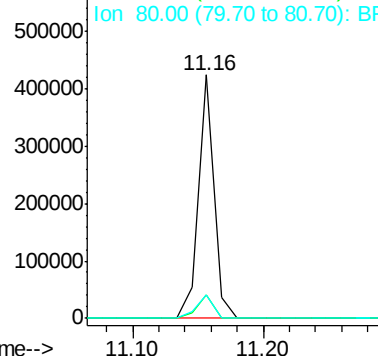
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092171.D
Acq: 10 Jan 2017 6:24

Instrument :
BNA_F
ClientSampled :
W-08

Tgt Ion:188 Resp: 357365
Ion Ratio Lower Upper
188 100
94 9.4 10.0 15.0#
80 9.8 11.2 16.8#

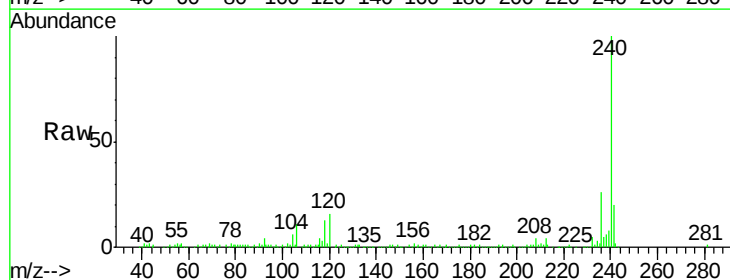


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

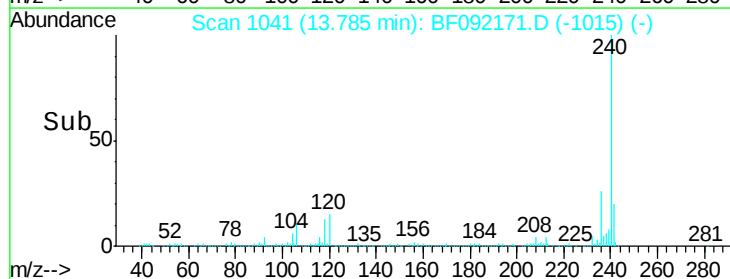
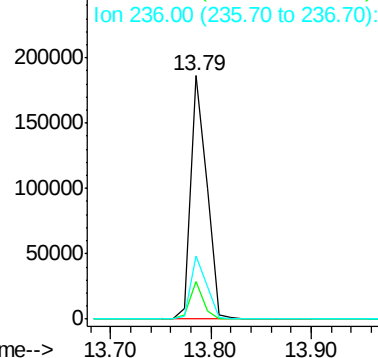


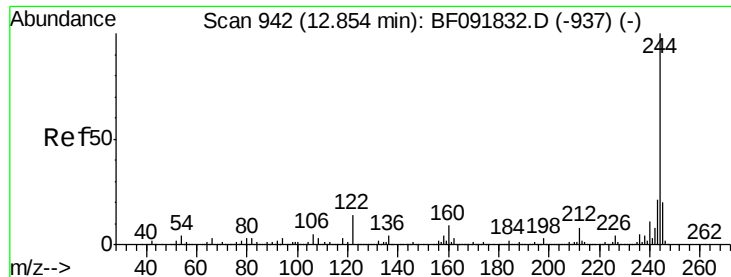
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF092171.D
Acq: 10 Jan 2017 6:24

Tgt Ion:240 Resp: 206847
Ion Ratio Lower Upper
240 100
120 15.6 12.9 19.3
236 26.0 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: 114.82 ng

RT: 12.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092171.D

Acq: 10 Jan 2017 6:24

Instrument :

BNA_F

ClientSampled :

W-08

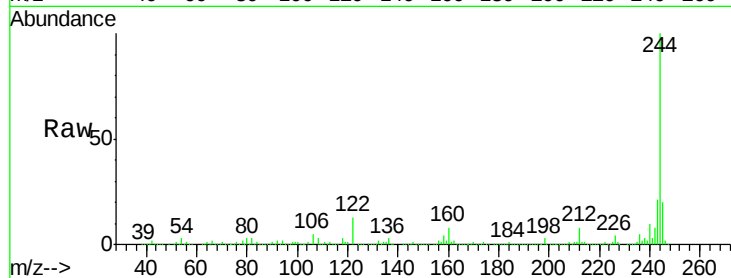
Tgt Ion:244 Resp: 979266

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

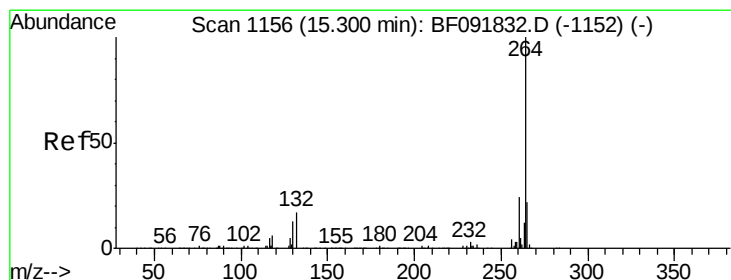
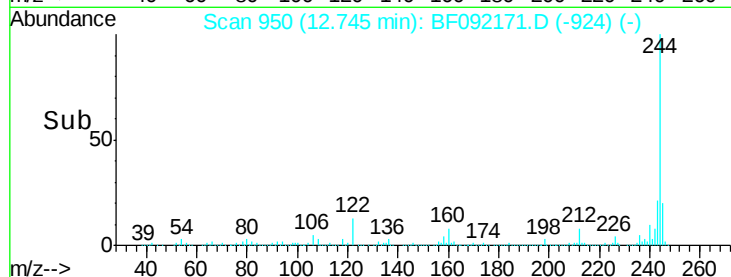
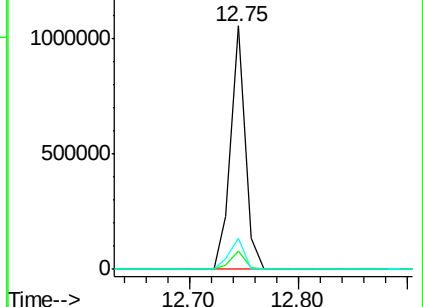
122 13.0 11.4 17.2



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: 15.17 min Scan# 1162

Delta R.T. 0.02 min

Lab File: BF092171.D

Acq: 10 Jan 2017 6:24

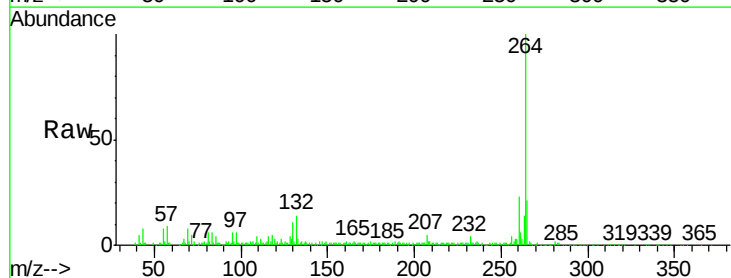
Tgt Ion:264 Resp: 163712

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.0 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

