

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010317\
 Data File : BF092060.D
 Acq On : 3 Jan 2017 14:59
 Operator : UM/SJ
 Sample : PB95723BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95723BL

Quant Time: Jan 04 00:30:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	207349	20.00	ng	-0.04
21) Naphthalene-d8	7.96	136	1053193	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	539402	20.00	ng	-0.05
63) Phenanthrene-d10	11.19	188	979876	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	834367	20.00	ng	-0.05
86) Perylene-d12	15.20	264	798470	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1716240	138.20	ng	-0.04
7) Phenol-d6	6.33	99	2002608	132.09	ng	-0.05
23) Nitrobenzene-d5	7.24	82	1369629	72.31	ng	-0.05
41) 2,4,6-Tribromophenol	10.50	330	600785	134.59	ng	-0.04
44) 2-Fluorobiphenyl	9.04	172	2711339	106.21	ng	-0.04
78) Terphenyl-d14	12.78	244	2633866	76.56	ng	-0.04

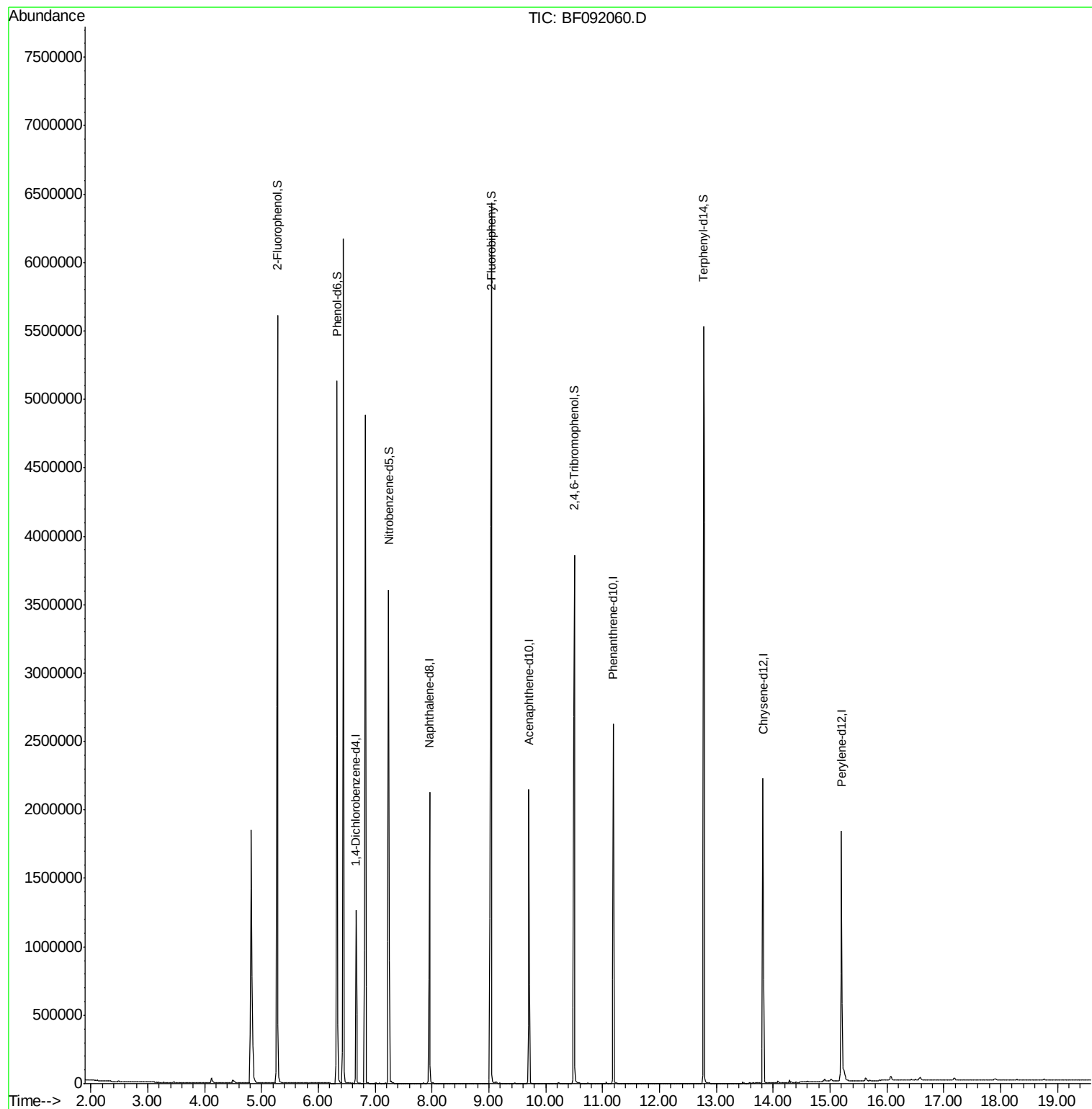
Target Compounds Qvalue

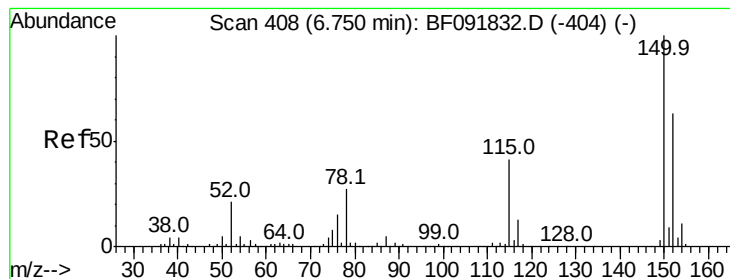
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.04 min

Lab File: BF092060.D

Acq: 3 Jan 2017 14:59

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BNA_F

ClientSampleId :

PB95723BL

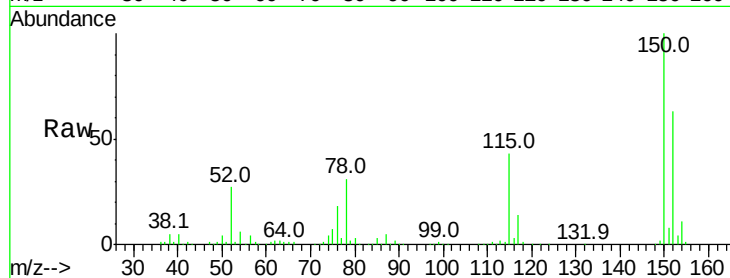
Tot Ion:152 Resp: 207349

Ion Ratio Lower Upper

152 100

150 158.6 124.9 187.3

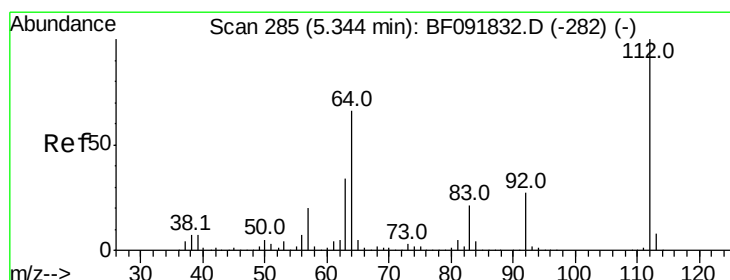
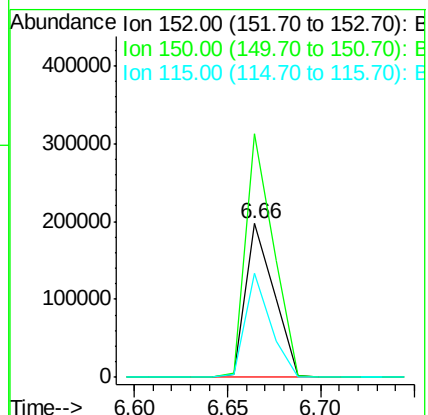
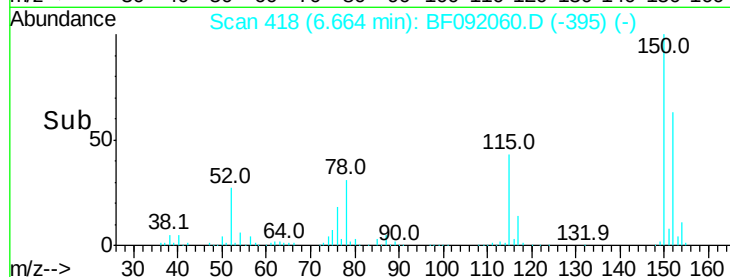
115 68.1 46.0 69.0



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: 138.20 ng

RT: 5.28 min Scan# 297

Delta R.T. -0.04 min

Lab File: BF092060.D

Acq: 3 Jan 2017 14:59

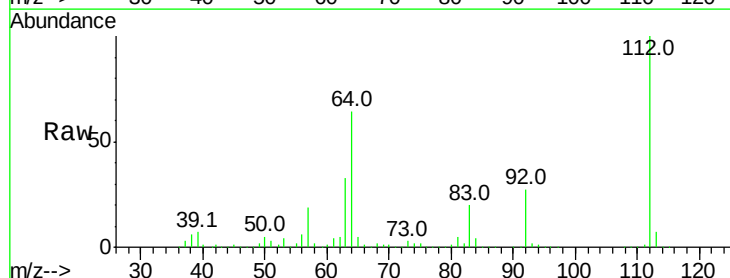
Tgt Ion:112 Resp: 1716240

Ion Ratio Lower Upper

112 100

64 64.2 46.1 69.1

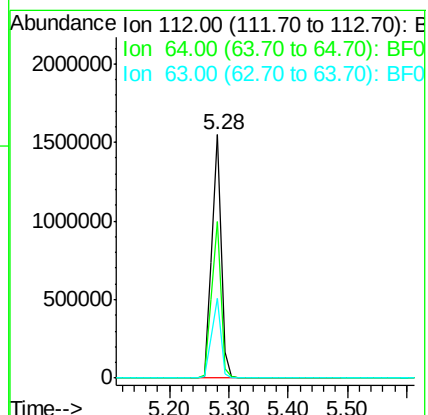
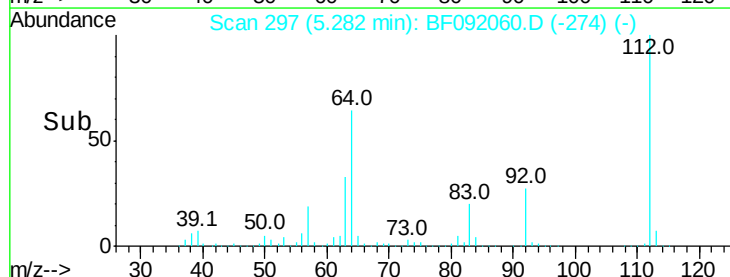
63 32.9 23.8 35.6

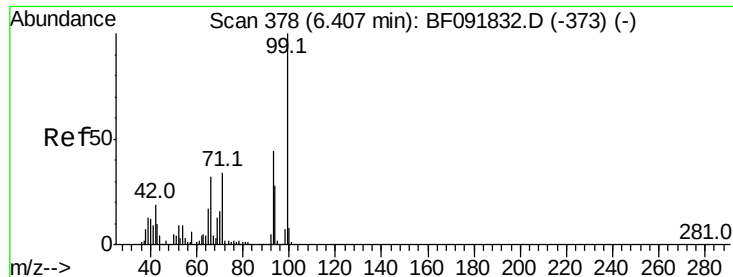


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.09 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.05 min

Lab File: BF092060.D

Acq: 3 Jan 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB95723BL

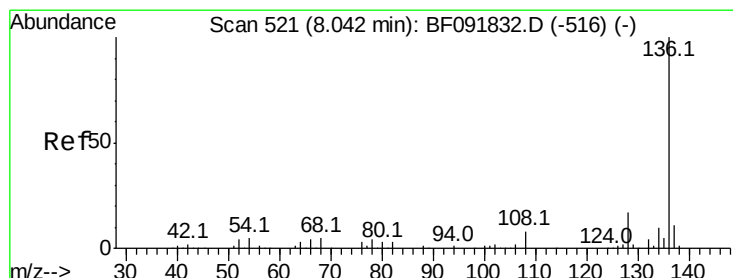
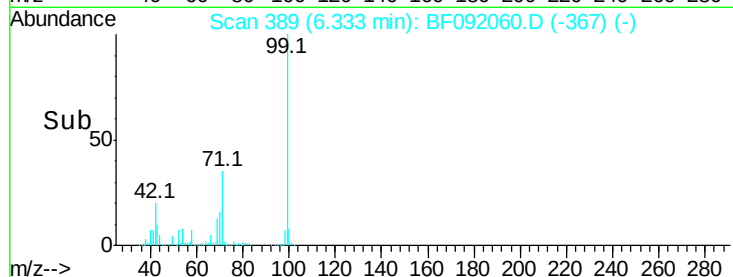
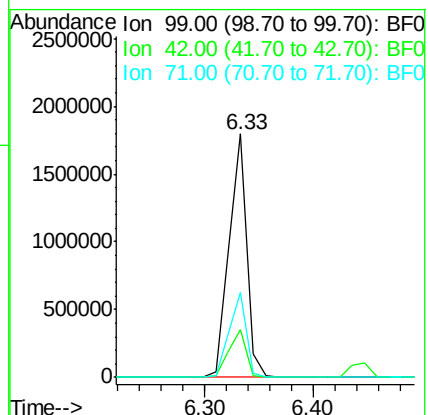
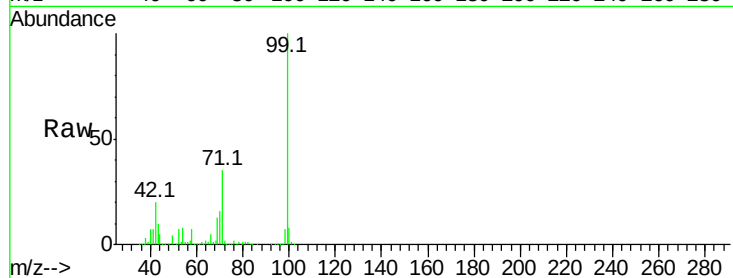
Tot Ion: 99 Resp: 2002608

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

71 34.7 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 531

Delta R.T. -0.04 min

Lab File: BF092060.D

Acq: 3 Jan 2017 14:59

Tgt Ion: 136 Resp: 1053193

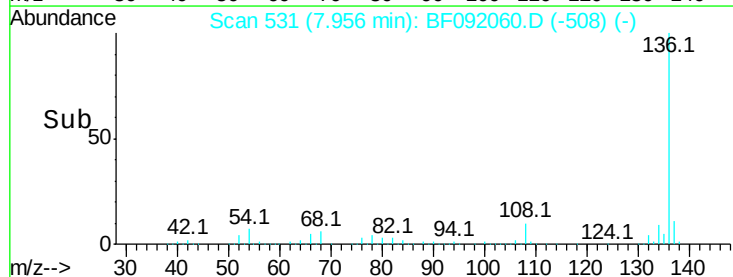
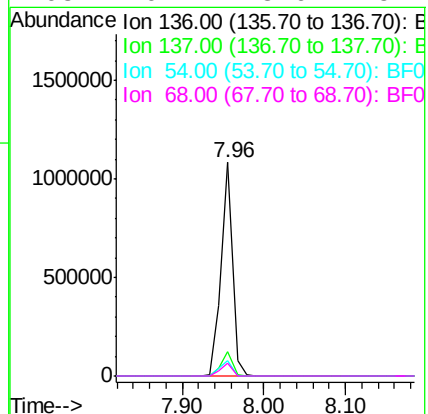
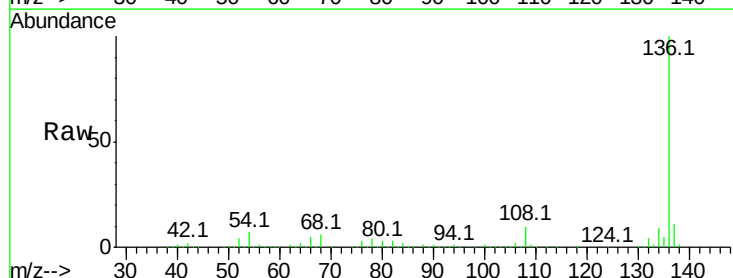
Ion Ratio Lower Upper

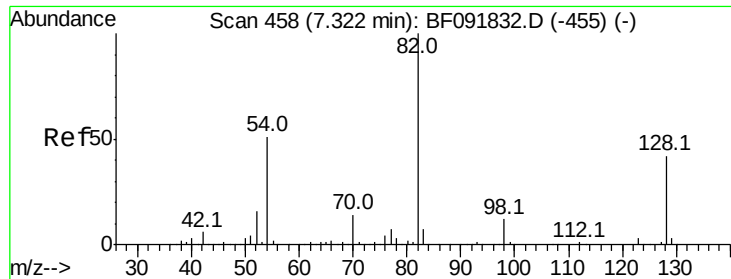
136 100

137 11.2 8.4 12.6

54 7.2 4.5 6.7#

68 6.1 3.6 5.4#

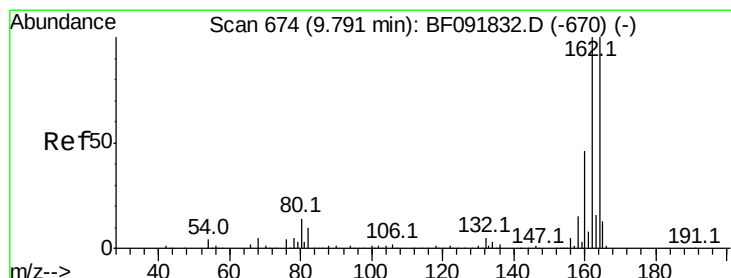
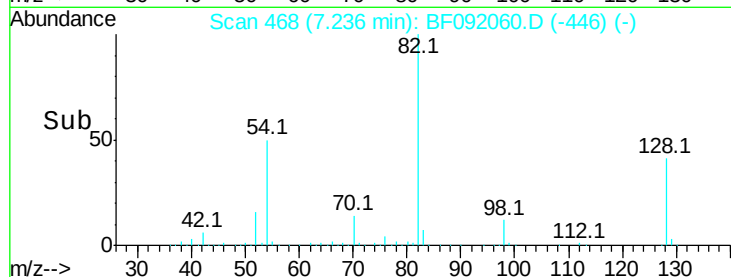
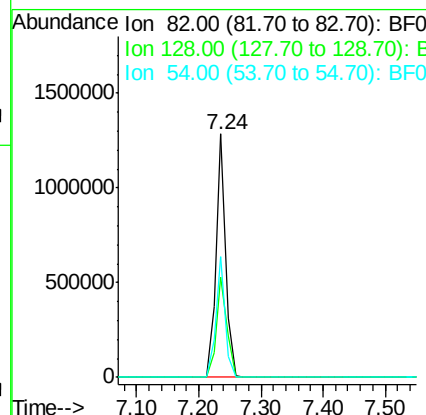
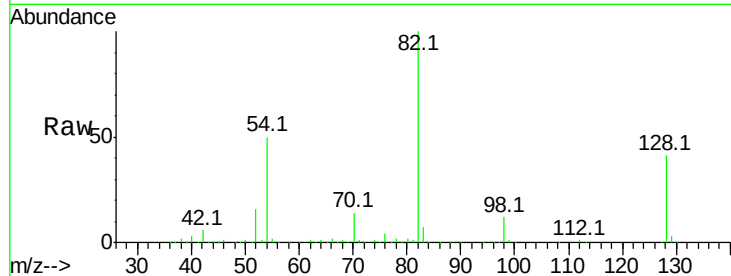




#23
Nitrobenzene-d5
Concen: 72.31 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF092060.D
Acq: 3 Jan 2017 14:59

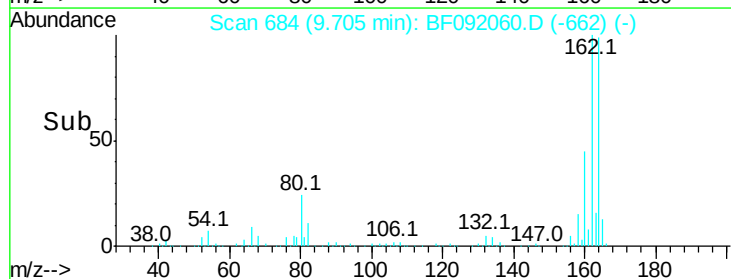
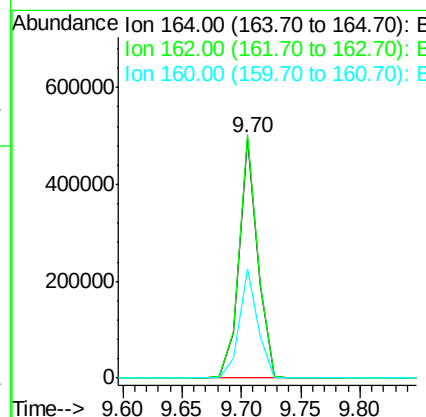
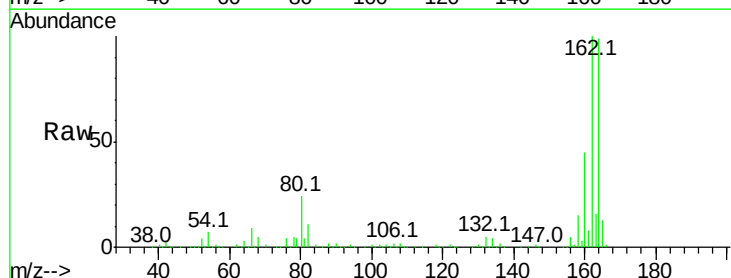
Instrument :
BNA_F
ClientSampleId :
PB95723BL

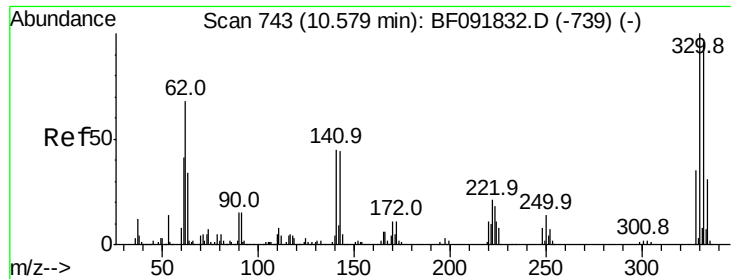
Tot Ion: 82 Resp: 1369629
Ion Ratio Lower Upper
82 100
128 41.0 34.6 52.0
54 49.8 39.5 59.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF092060.D
Acq: 3 Jan 2017 14:59

Tgt Ion:164 Resp: 539402
Ion Ratio Lower Upper
164 100
162 101.5 80.2 120.2
160 45.3 36.9 55.3

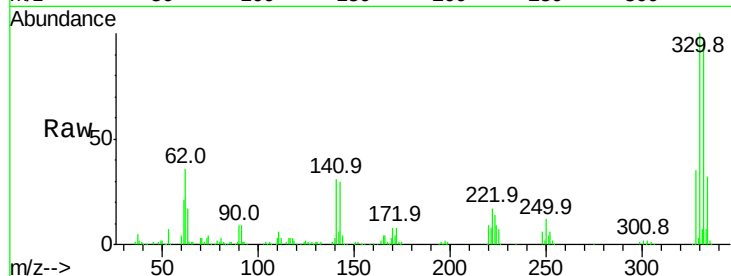




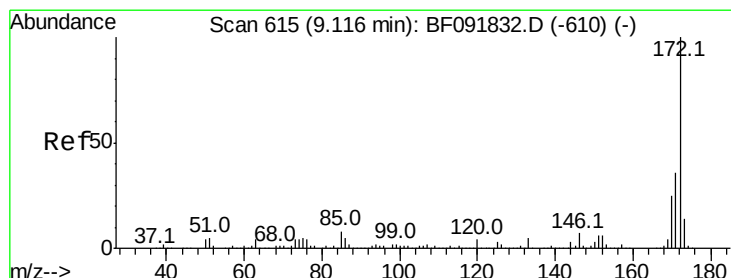
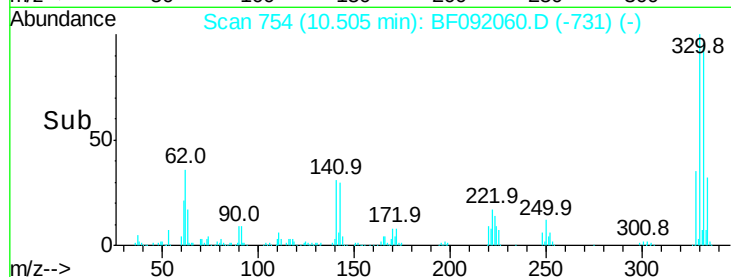
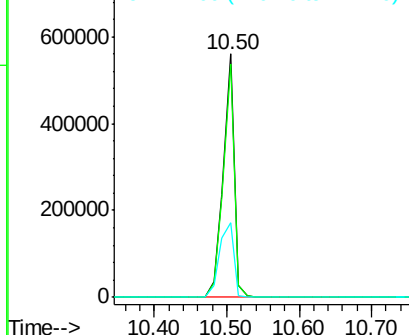
#41
 2,4,6-Tribromophenol
 Concen: 134.59 ng
 RT: 10.50 min Scan# 754
 Delta R.T. -0.04 min
 Lab File: BF092060.D
 Acq: 3 Jan 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB95723BL

Tot Ion:330 Resp: 600785
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 39.1 34.1 51.1

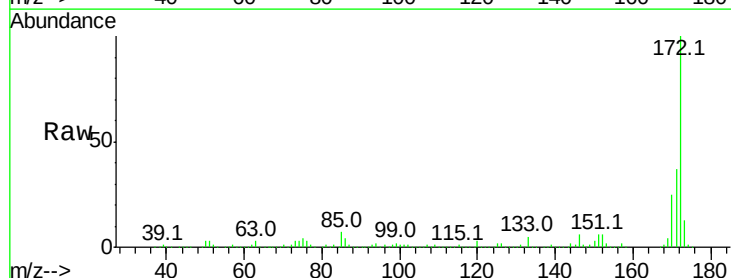


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

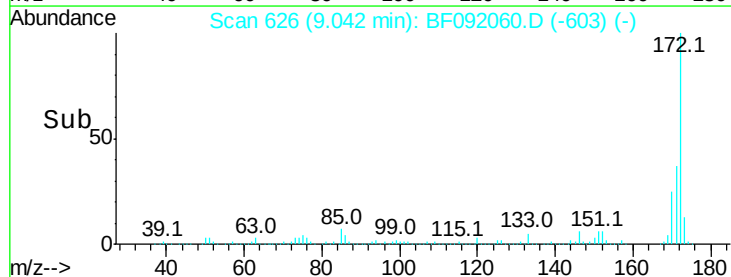
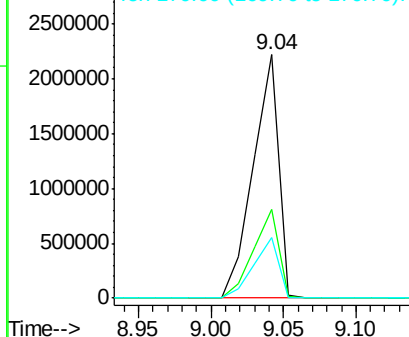


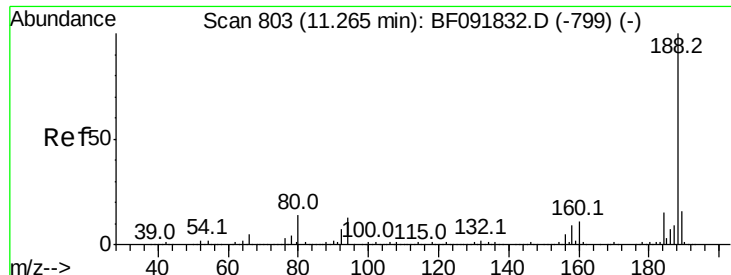
#44
 2-Fluorobiphenyl
 Concen: 106.21 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.04 min
 Lab File: BF092060.D
 Acq: 3 Jan 2017 14:59

Tgt Ion:172 Resp: 2711339
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.8 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

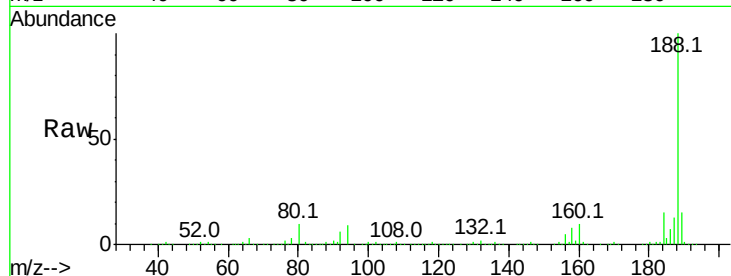




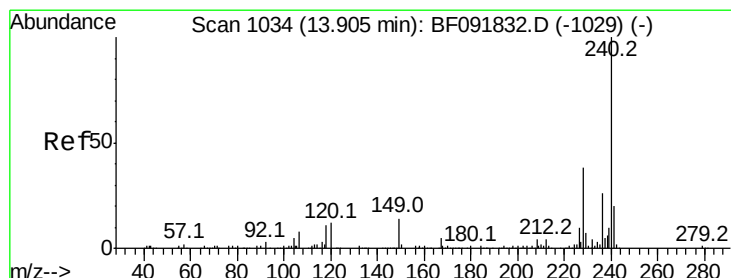
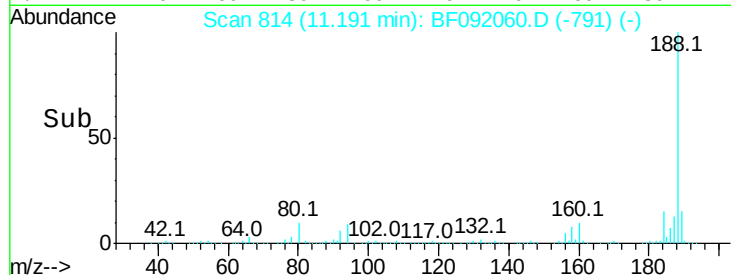
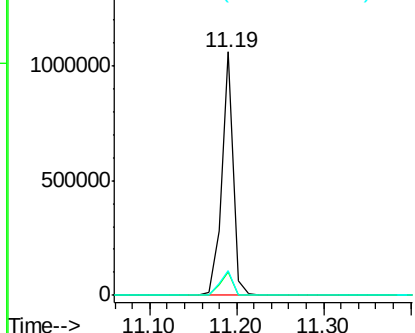
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.19 min Scan# 814
 Delta R.T. -0.04 min
 Lab File: BF092060.D
 Acq: 3 Jan 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB95723BL

Tot Ion:188 Resp: 979876
 Ion Ratio Lower Upper
 188 100
 94 9.4 10.0 15.0#
 80 10.3 11.2 16.8#

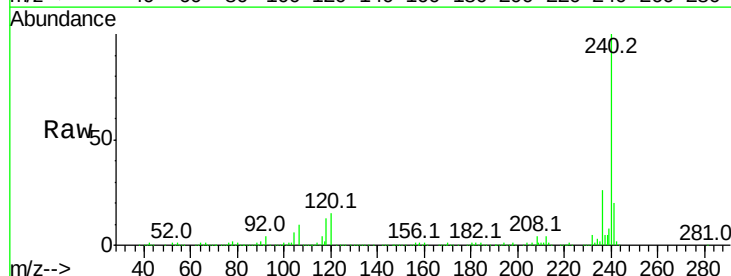


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

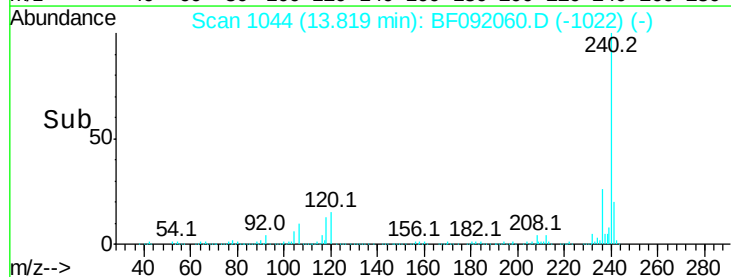
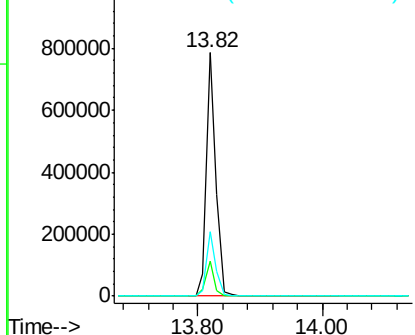


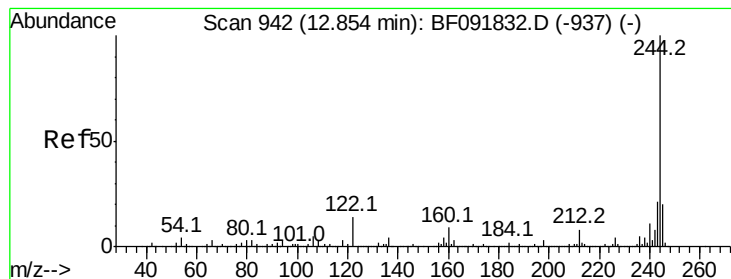
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.82 min Scan# 1044
 Delta R.T. -0.05 min
 Lab File: BF092060.D
 Acq: 3 Jan 2017 14:59

Tgt Ion:240 Resp: 834367
 Ion Ratio Lower Upper
 240 100
 120 14.6 12.9 19.3
 236 26.2 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: 76.56 ng

RT: 12.78 min Scan# 953

Delta R.T. -0.04 min

Lab File: BF092060.D

Acq: 3 Jan 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB95723BL

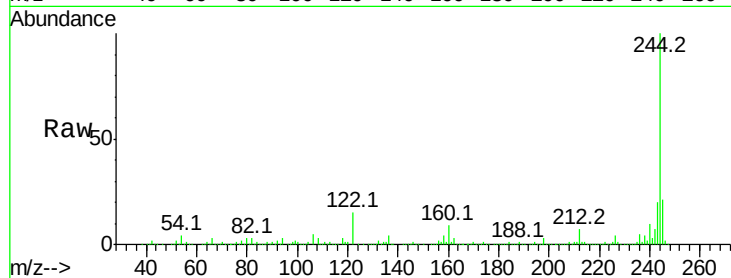
Tot Ion:244 Resp: 2633866

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

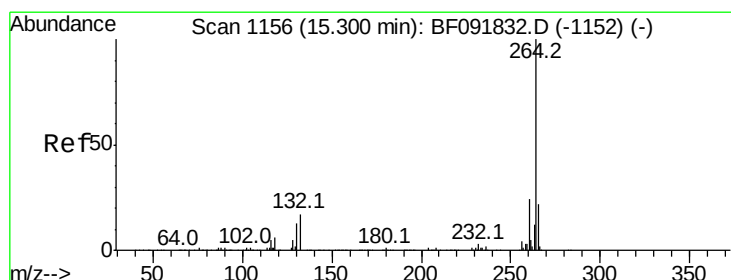
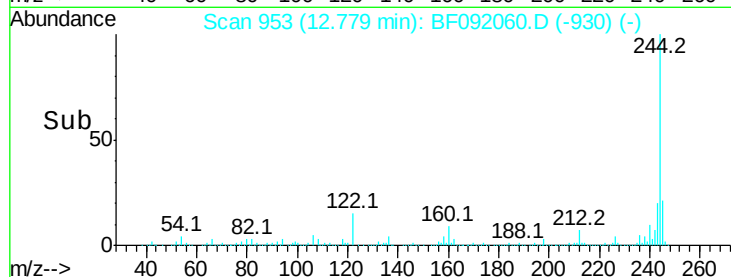
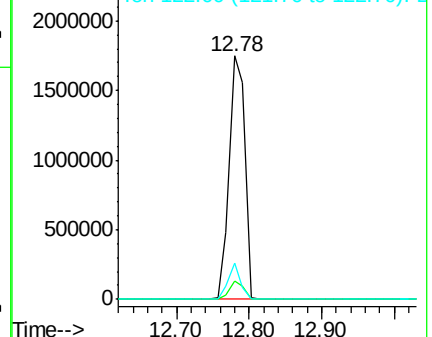
122 14.7 11.4 17.2



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: 15.20 min Scan# 1165

Delta R.T. -0.05 min

Lab File: BF092060.D

Acq: 3 Jan 2017 14:59

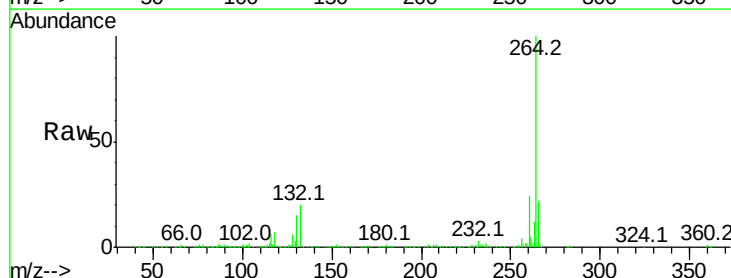
Tgt Ion:264 Resp: 798470

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.8 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

