

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
 Data File : BF092800.D
 Acq On : 6 Feb 2017 17:20
 Operator : SJ/MA
 Sample : PB96743BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96743BL

Quant Time: Feb 07 01:28:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 01:19:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	150060	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	591957	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	346440	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	586911	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	550378	20.00	ng	-0.01
86) Perylene-d12	15.53	264	484236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	946138	108.17	ng	0.01
7) Phenol-d6	6.56	99	1242630	110.42	ng	0.00
23) Nitrobenzene-d5	7.48	82	819438	77.09	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	284369	113.49	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1545662	80.83	ng	0.00
78) Terphenyl-d14	13.03	244	1355759	57.88	ng	0.00

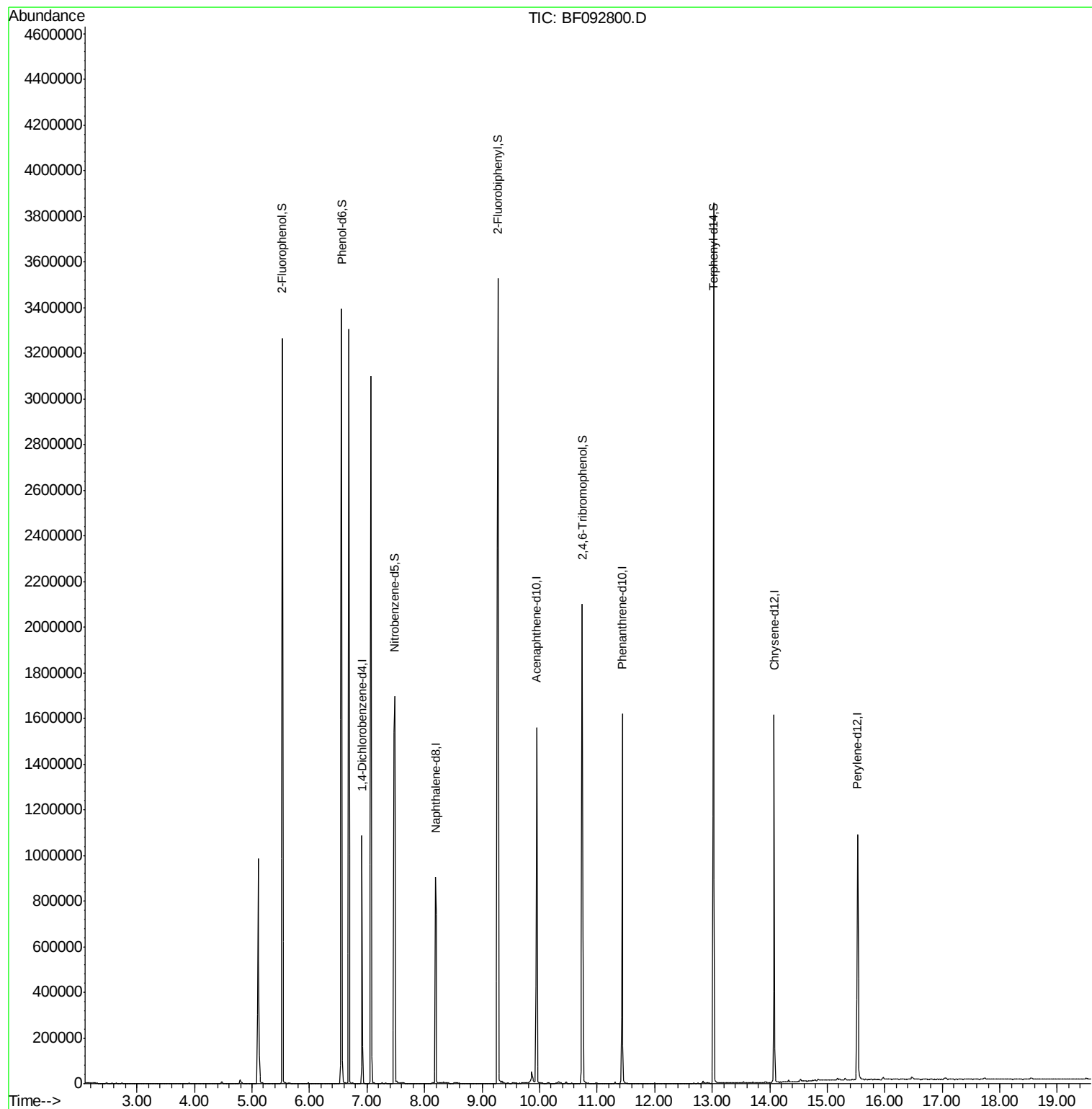
Target Compounds Qvalue

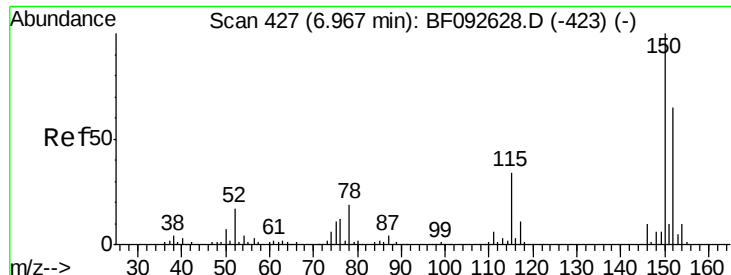
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092800.D
Acq On : 6 Feb 2017 17:20
Operator : SJ/MA
Sample : PB96743BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96743BL

Quant Time: Feb 07 01:28:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 01:19:37 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF092800.D

Acq: 6 Feb 2017 17:20

Instrument :

BNA_F

ClientSampleId :

PB96743BL

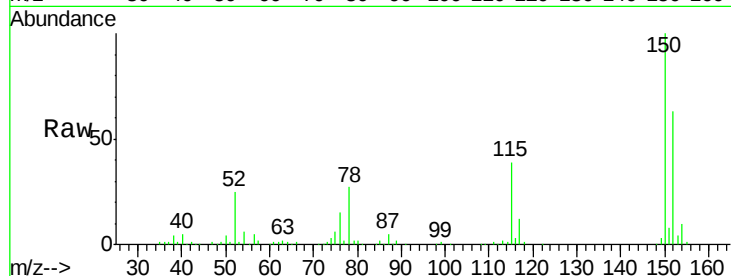
Tot Ion:152 Resp: 150060

Ion Ratio Lower Upper

152 100

150 159.2 124.9 187.3

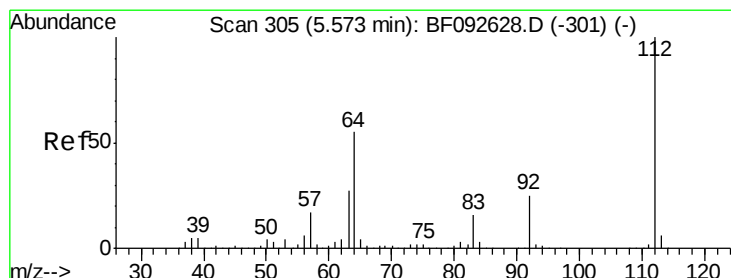
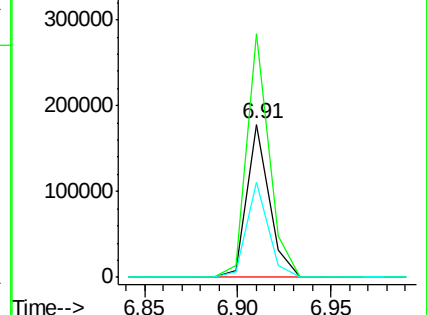
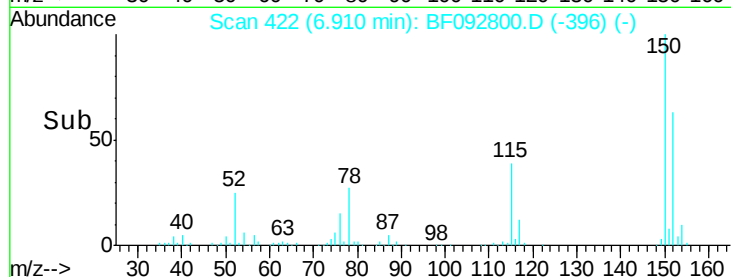
115 61.9 46.0 69.0



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: 108.17 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.01 min

Lab File: BF092800.D

Acq: 6 Feb 2017 17:20

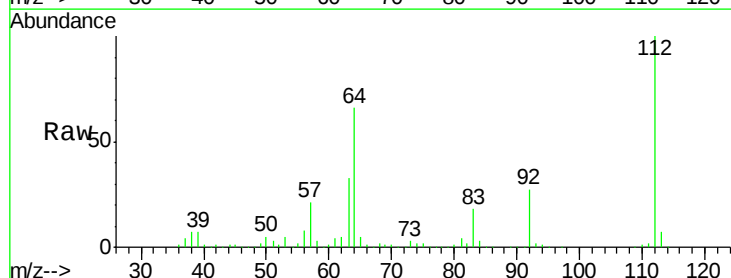
Tgt Ion:112 Resp: 946138

Ion Ratio Lower Upper

112 100

64 65.5 46.1 69.1

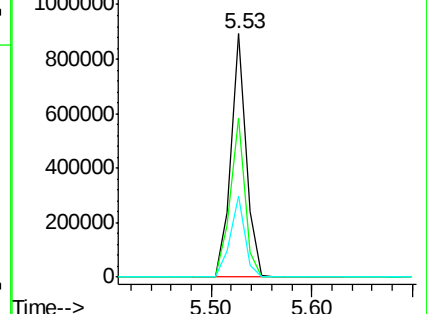
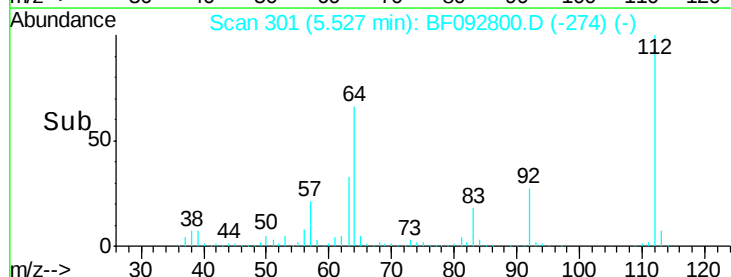
63 33.0 23.8 35.6

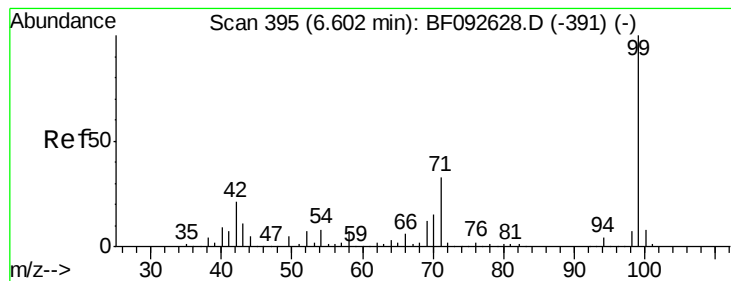


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.42 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF092800.D

Acq: 6 Feb 2017 17:20

Instrument :

BNA_F

ClientSampleId :

PB96743BL

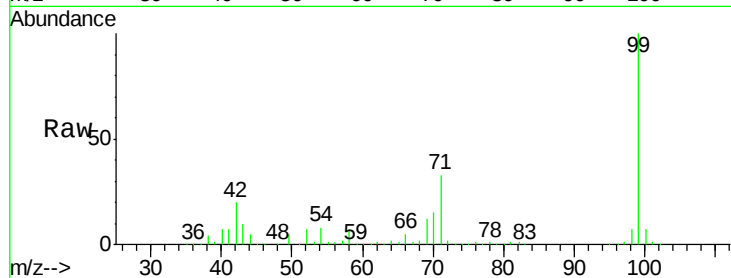
Tot Ion: 99 Resp: 1242630

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

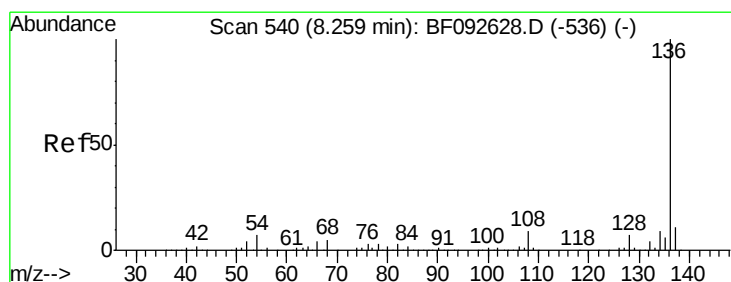
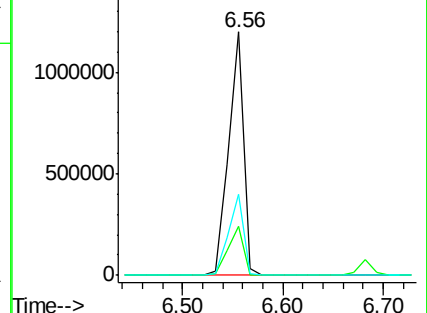
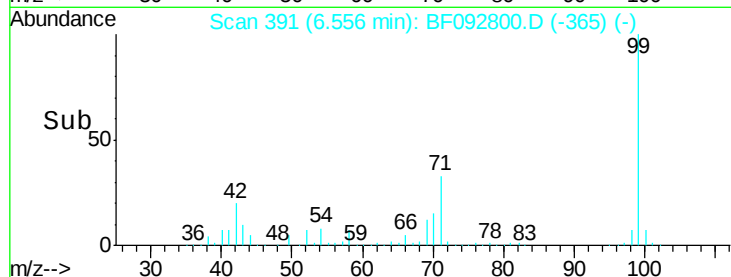
71 33.1 27.5 41.3



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: 8.19 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF092800.D

Acq: 6 Feb 2017 17:20

Tgt Ion: 136 Resp: 591957

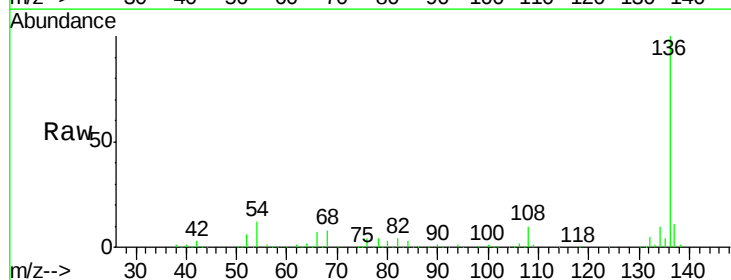
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 12.3 4.5 6.7#

68 7.5 3.6 5.4#

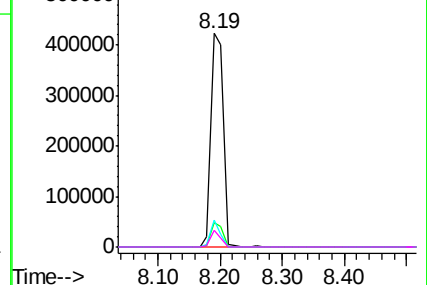
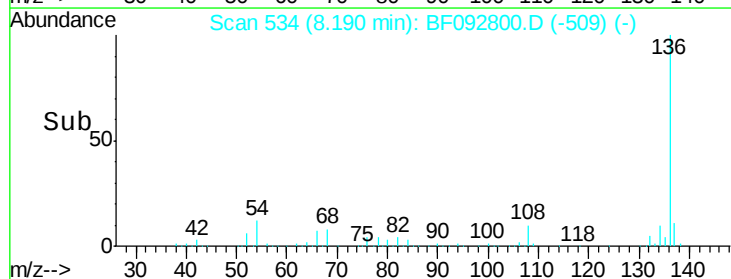


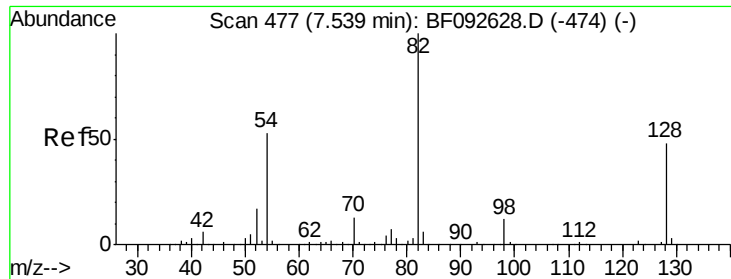
Abundance Ion 136.00 (135.70 to 136.70): E

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

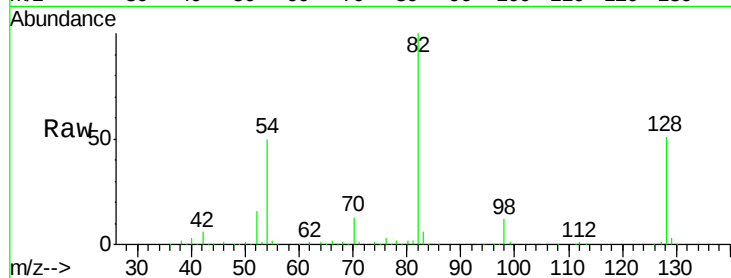




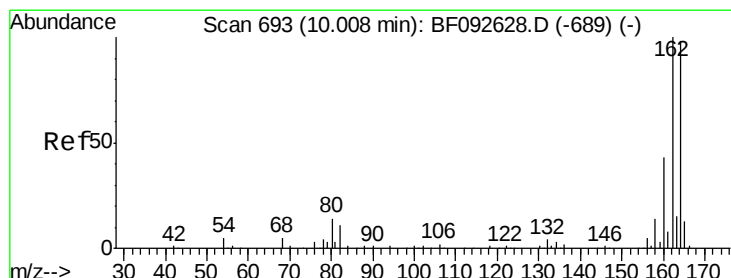
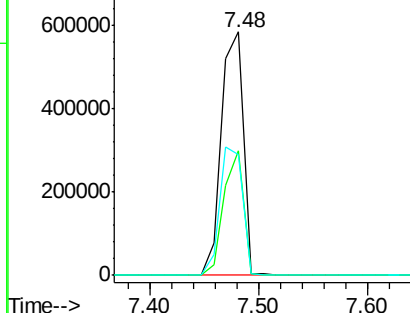
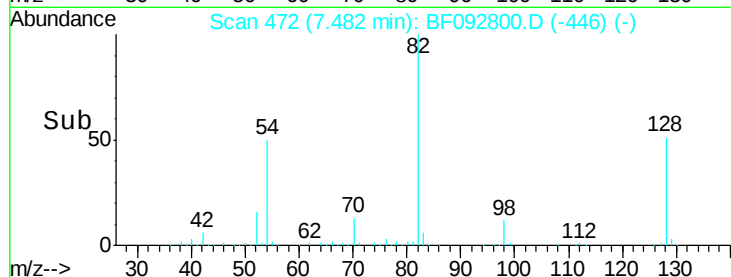
#23
 Nitrobenzene-d5
 Concen: 77.09 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF092800.D
 Acq: 6 Feb 2017 17:20

Instrument :
 BNA_F
 ClientSampleId :
 PB96743BL

Tot Ion: 82 Resp: 819438
 Ion Ratio Lower Upper
 82 100
 128 51.0 34.6 52.0
 54 49.7 39.5 59.3

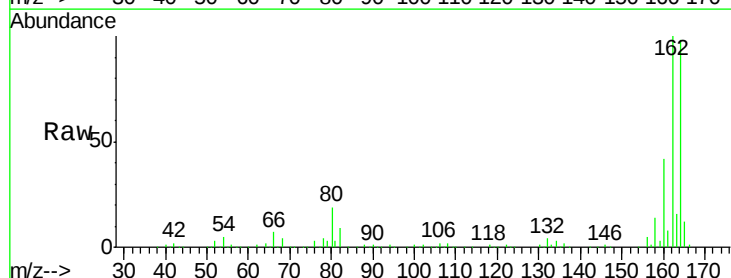


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

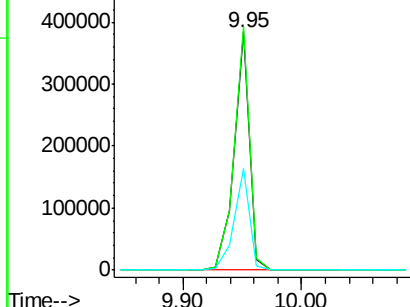
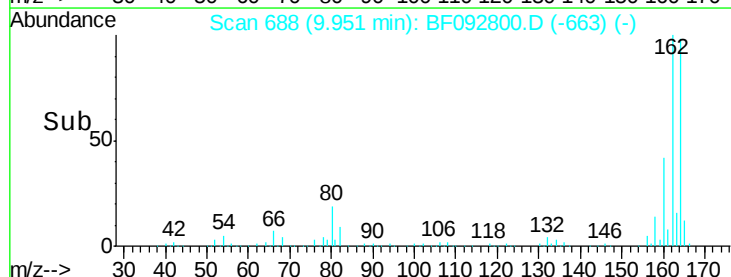


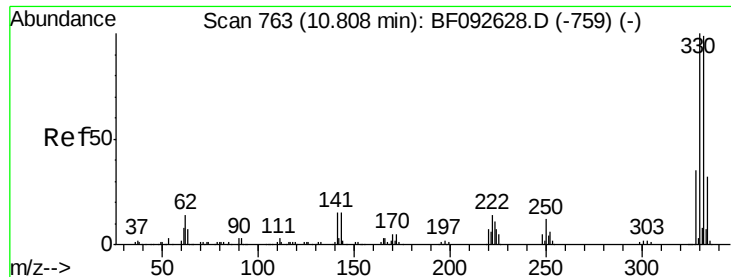
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF092800.D
 Acq: 6 Feb 2017 17:20

Tgt Ion:164 Resp: 346440
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.2 120.2
 160 42.7 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

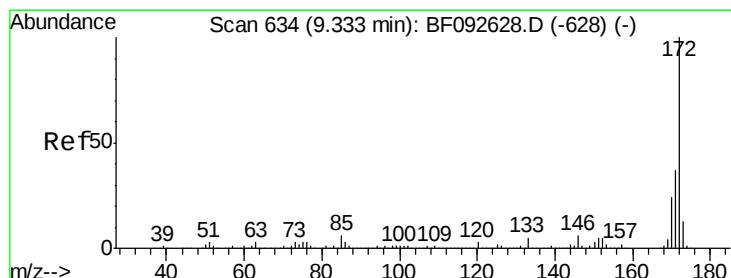
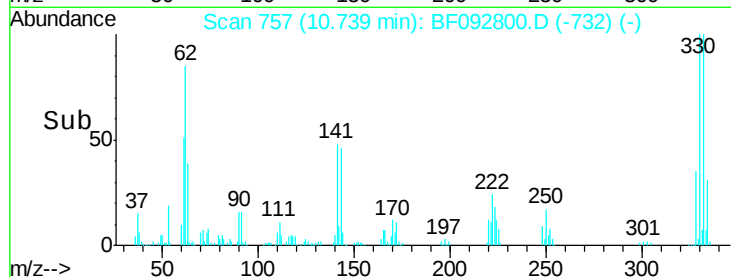
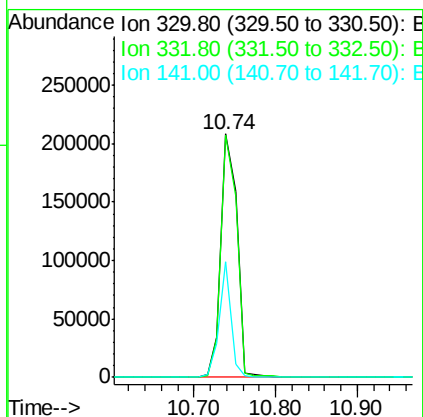
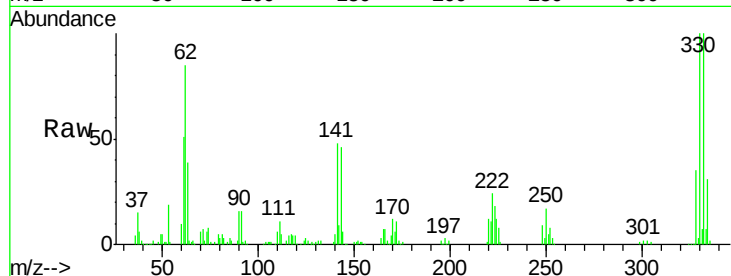




#41
 2,4,6-Tribromophenol
 Concen: 113.49 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF092800.D
 Acq: 6 Feb 2017 17:20

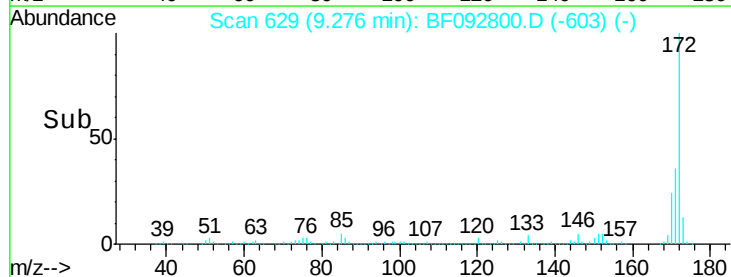
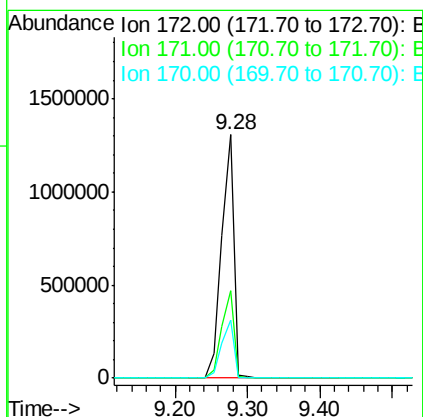
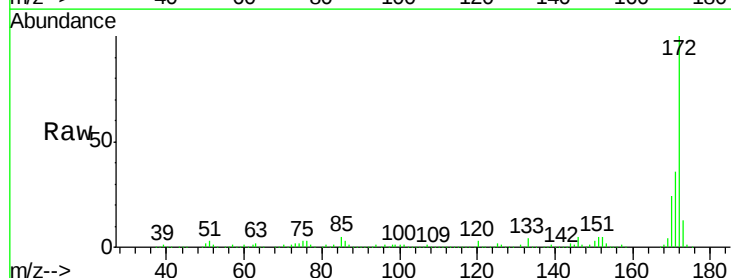
Instrument :
 BNA_F
 ClientSampleId :
 PB96743BL

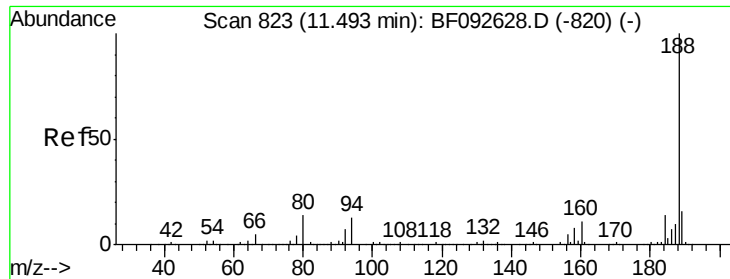
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.4	116.2
141	34.9	34.1	51.1



#44
 2-Fluorobiphenyl
 Concen: 80.83 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF092800.D
 Acq: 6 Feb 2017 17:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.0	20.2	30.4

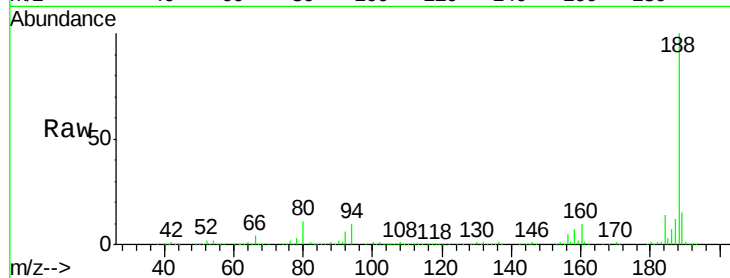




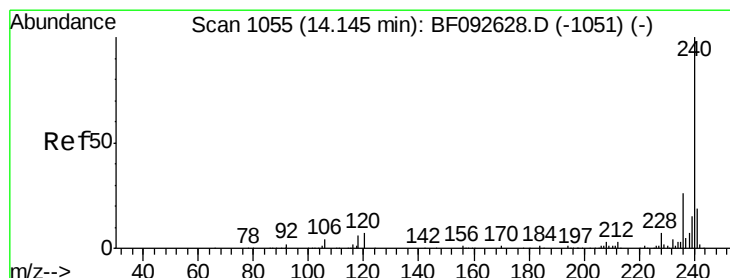
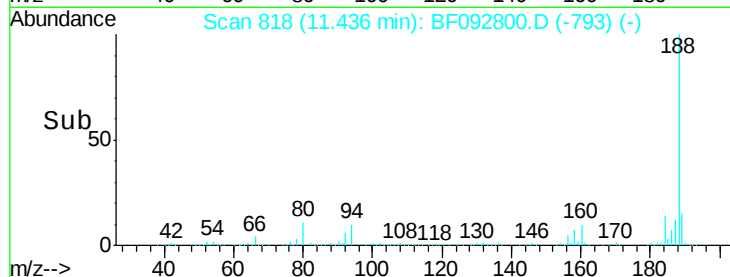
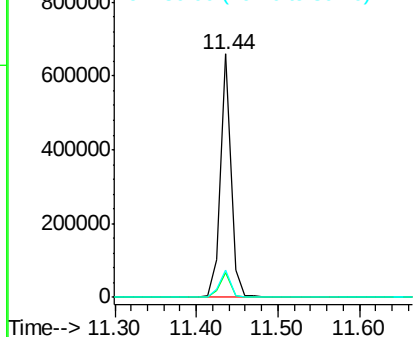
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF092800.D
Acq: 6 Feb 2017 17:20

Instrument :
BNA_F
ClientSampleId :
PB96743BL

Tot Ion:188 Resp: 586911
Ion Ratio Lower Upper
188 100
94 10.3 10.0 15.0
80 11.0 11.2 16.8#

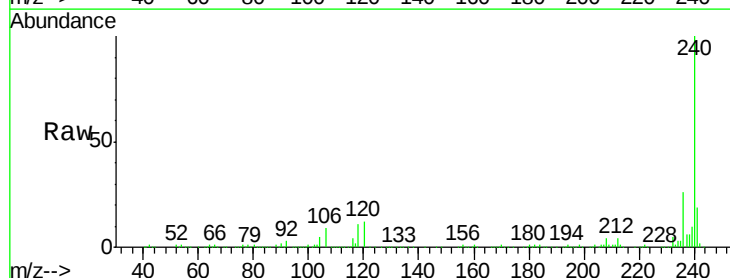


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

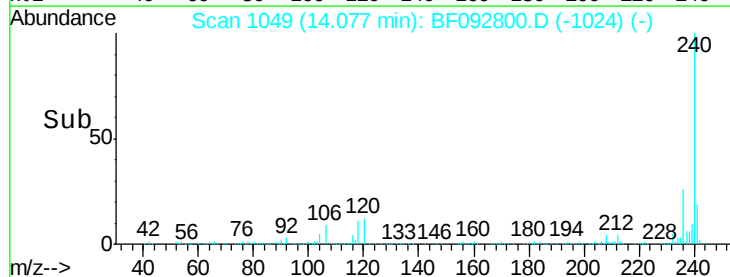
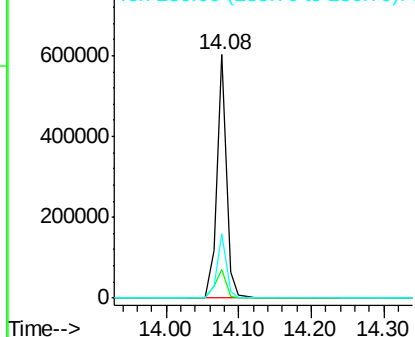


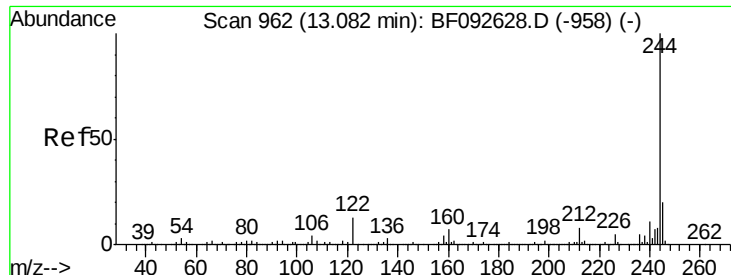
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF092800.D
Acq: 6 Feb 2017 17:20

Tgt Ion:240 Resp: 550378
Ion Ratio Lower Upper
240 100
120 11.9 12.9 19.3#
236 26.3 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: 57.88 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF092800.D

Acq: 6 Feb 2017 17:20

Instrument :

BNA_F

ClientSampleId :

PB96743BL

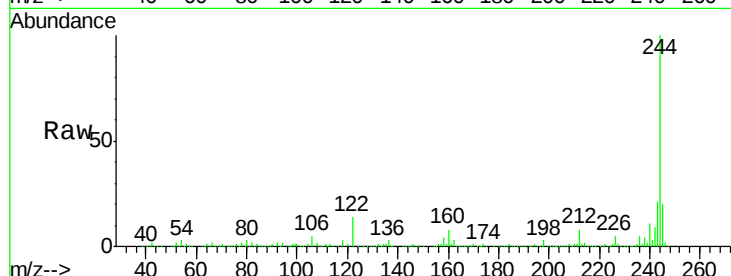
Tot Ion:244 Resp: 1355759

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

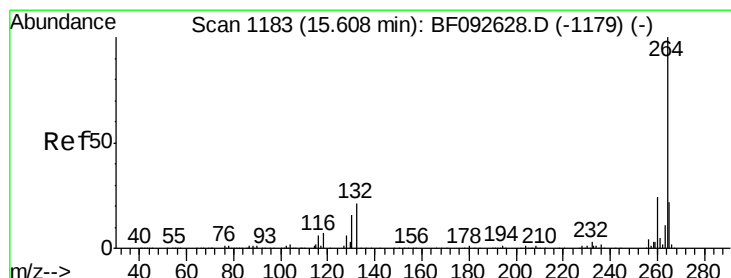
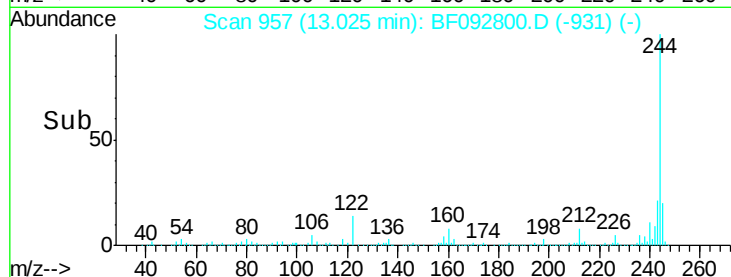
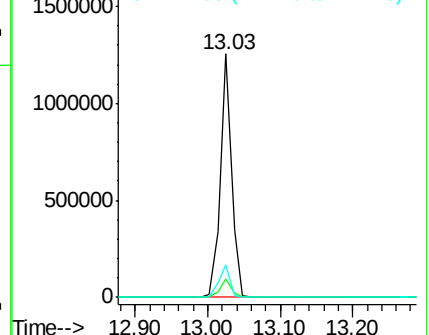
122 13.5 11.4 17.2



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: 15.53 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF092800.D

Acq: 6 Feb 2017 17:20

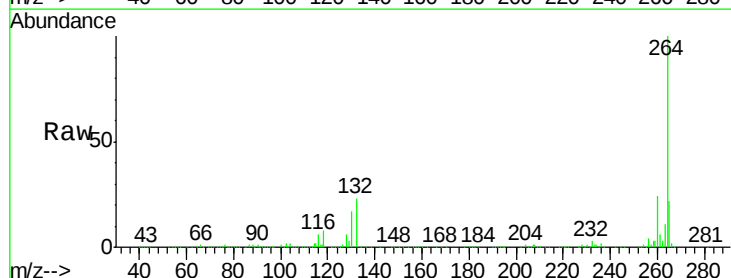
Tgt Ion:264 Resp: 484236

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.2 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

