

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010317\
 Data File : BF092062.D
 Acq On : 3 Jan 2017 15:56
 Operator : UM/SJ
 Sample : PB95719BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95719BL

Quant Time: Jan 04 00:35:05 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	241180	20.00	ng	-0.04
21) Naphthalene-d8	7.96	136	1270053	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	637021	20.00	ng	-0.05
63) Phenanthrene-d10	11.19	188	1131494	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	935020	20.00	ng	-0.05
86) Perylene-d12	15.20	264	880238	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1756613	121.61	ng	-0.04
7) Phenol-d6	6.33	99	2139450	121.32	ng	-0.05
23) Nitrobenzene-d5	7.24	82	1539471	67.40	ng	-0.05
41) 2,4,6-Tribromophenol	10.50	330	688311	130.56	ng	-0.04
44) 2-Fluorobiphenyl	9.04	172	3108096	102.65	ng	-0.04
78) Terphenyl-d14	12.78	244	2755341	71.47	ng	-0.04

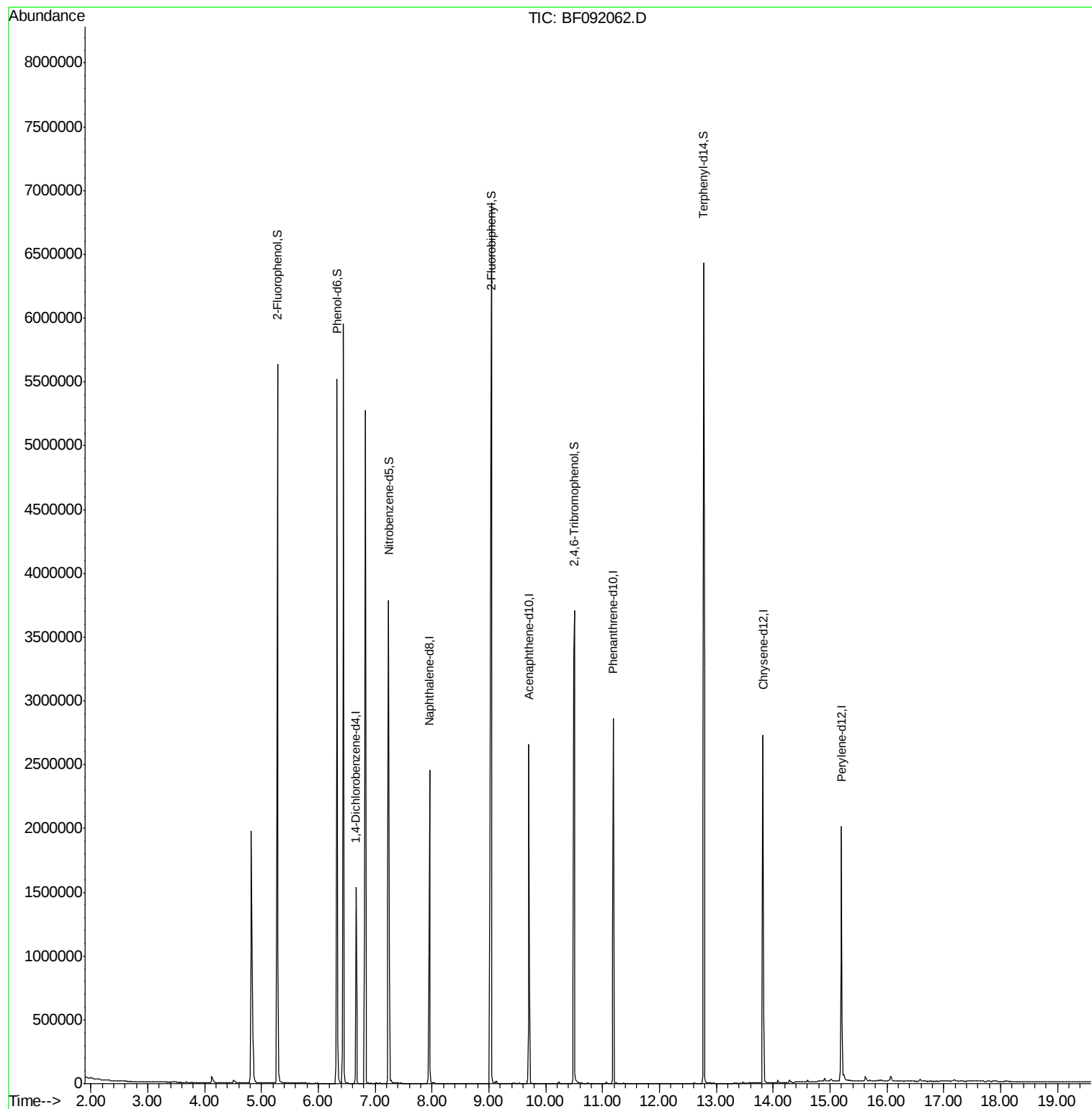
Target Compounds Qvalue

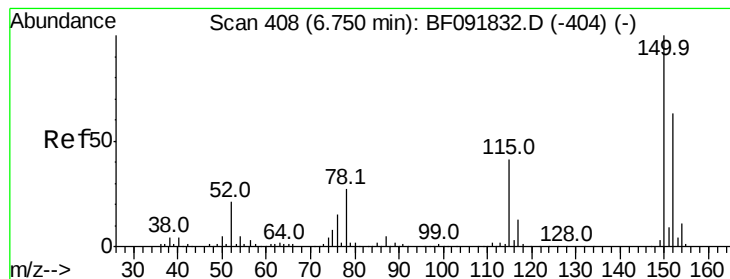
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010317\
Data File : BF092062.D
Acq On : 3 Jan 2017 15:56
Operator : UM/SJ
Sample : PB95719BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95719BL

Quant Time: Jan 04 00:35:05 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.04 min

Lab File: BF092062.D

Acq: 3 Jan 2017 15:56

Instrument :

BNA_F

ClientSampleId :

PB95719BL

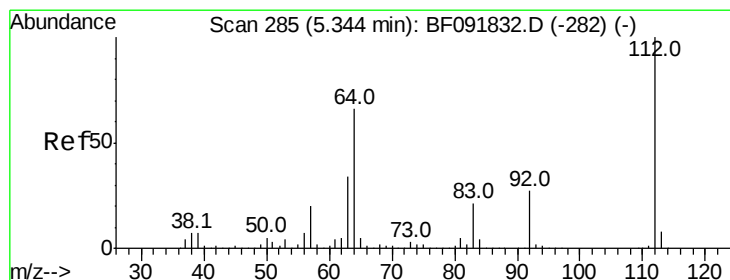
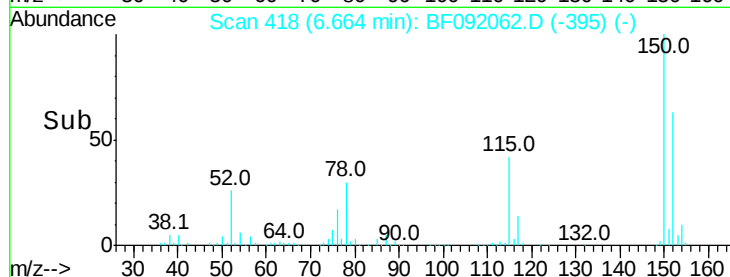
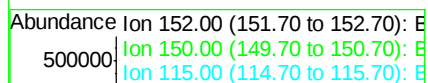
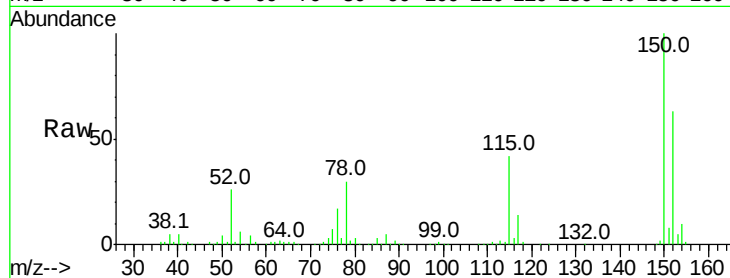
Tot Ion:152 Resp: 241180

Ion Ratio Lower Upper

152 100

150 158.5 124.9 187.3

115 66.0 46.0 69.0



#5

2-Fluorophenol

Concen: 121.61 ng

RT: 5.28 min Scan# 297

Delta R.T. -0.04 min

Lab File: BF092062.D

Acq: 3 Jan 2017 15:56

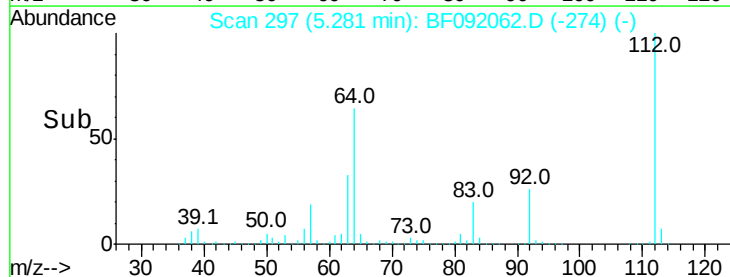
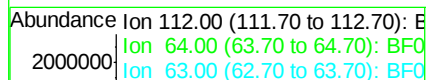
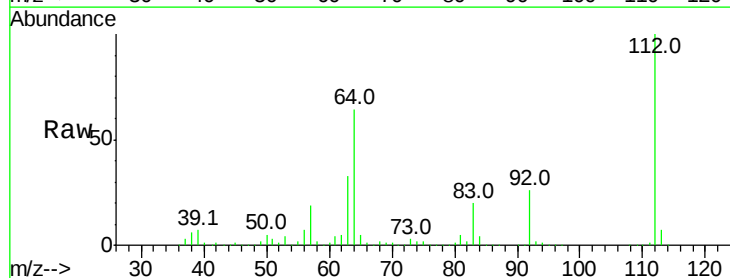
Tgt Ion:112 Resp: 1756613

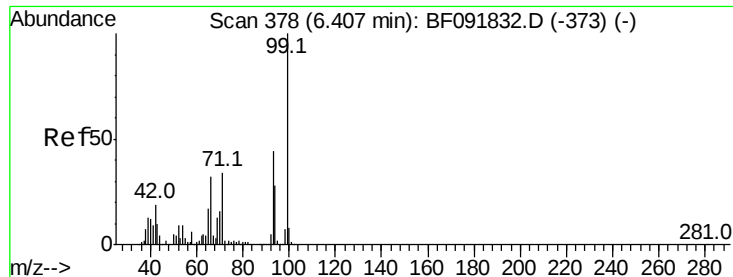
Ion Ratio Lower Upper

112 100

64 64.0 46.1 69.1

63 32.6 23.8 35.6





#7

Phenol-d6

Concen: 121.32 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.05 min

Lab File: BF092062.D

Acq: 3 Jan 2017 15:56

Instrument :

BNA_F

ClientSampleId :

PB95719BL

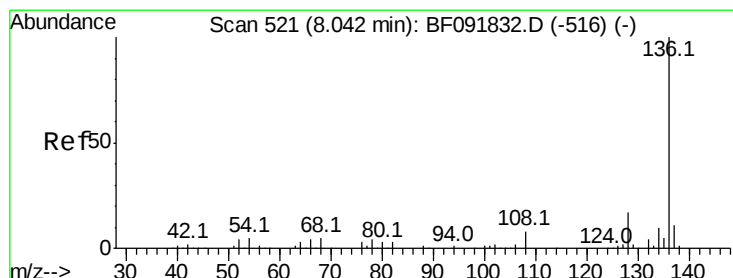
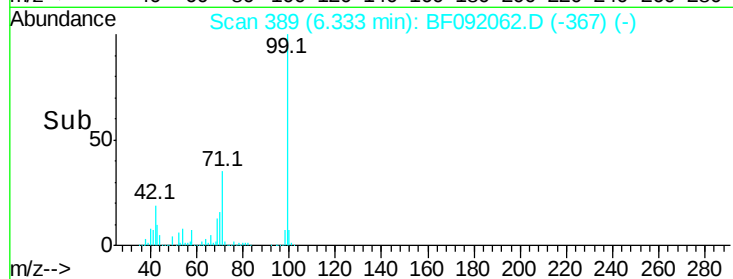
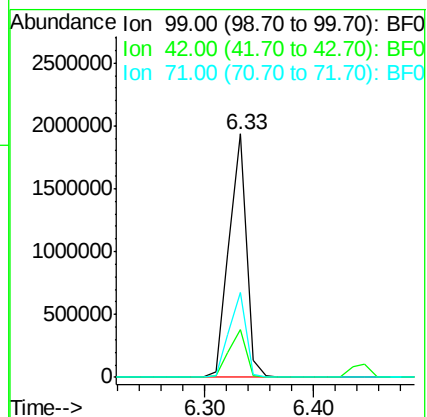
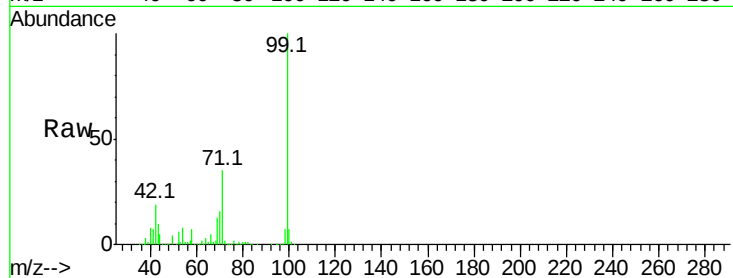
Tot Ion: 99 Resp: 2139450

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

71 34.8 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: BF092062.D

Acq: 3 Jan 2017 15:56

Tgt Ion: 136 Resp: 1270053

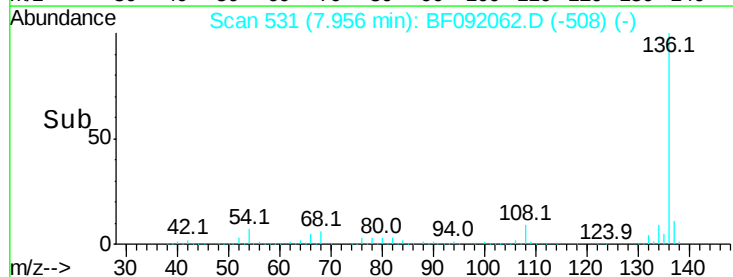
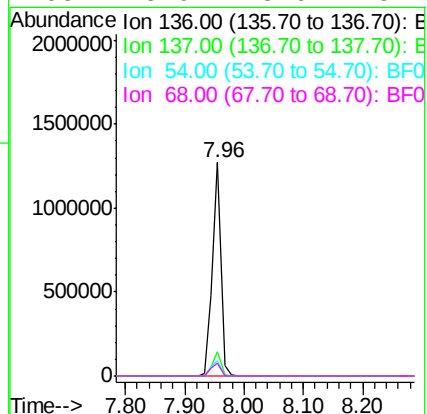
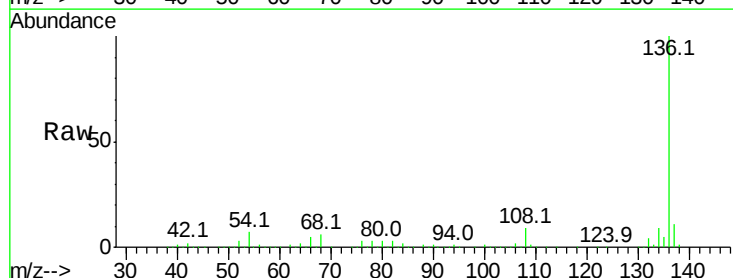
Ion Ratio Lower Upper

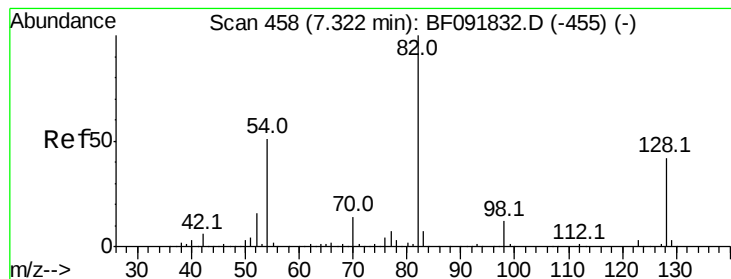
136 100

137 11.2 8.4 12.6

54 6.9 4.5 6.7#

68 5.9 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 67.40 ng

RT: 7.24 min Scan# 468

Delta R.T. -0.05 min

Lab File: BF092062.D

Acq: 3 Jan 2017 15:56

Instrument :

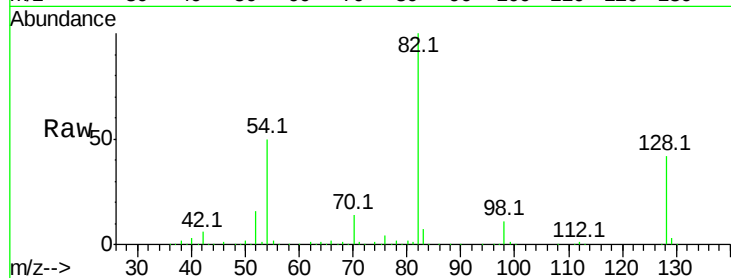
BNA_F

ClientSampleId :

PB95719BL

Tot Ion: 82 Resp: 1539471

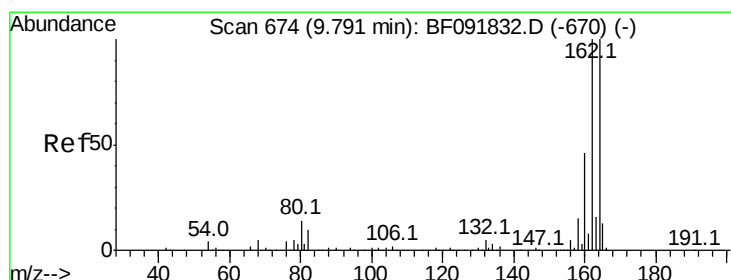
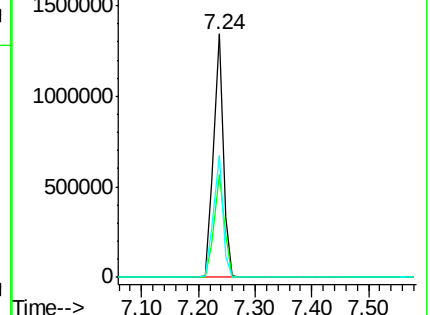
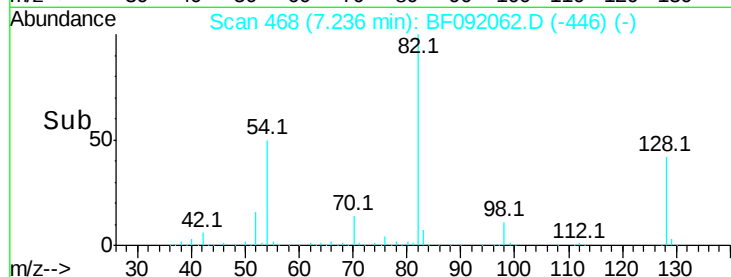
Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	52.0
54	49.9	39.5	59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 684

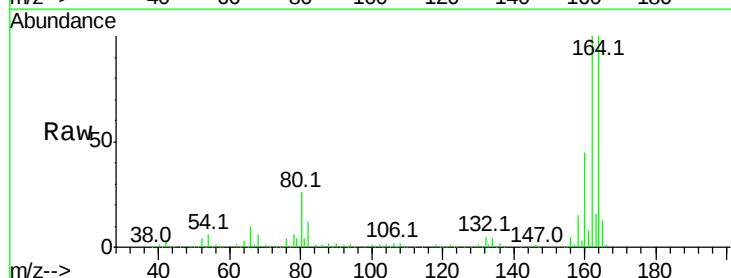
Delta R.T. -0.05 min

Lab File: BF092062.D

Acq: 3 Jan 2017 15:56

Tgt Ion:164 Resp: 637021

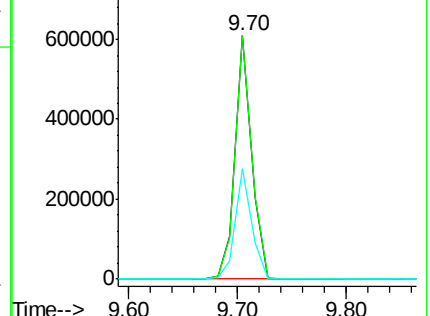
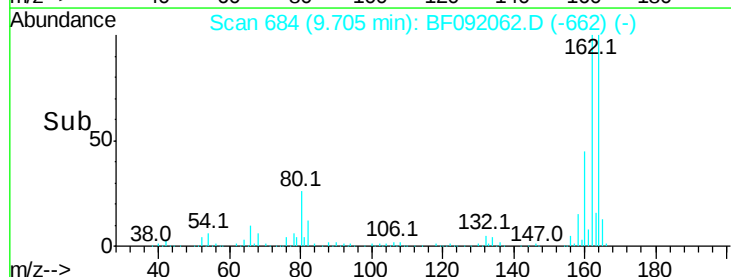
Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.2
160	45.5	36.9	55.3

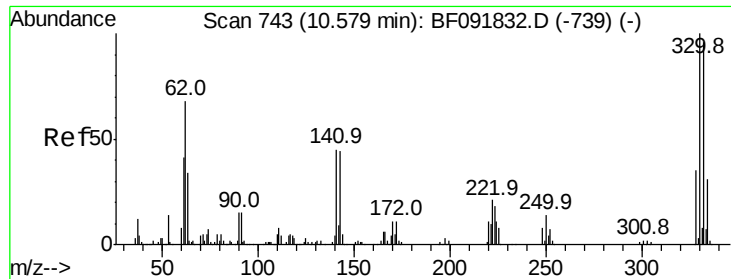


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

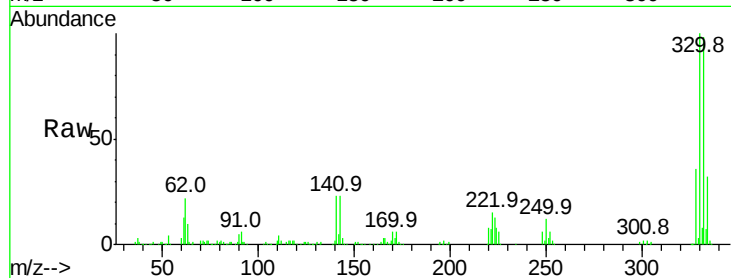




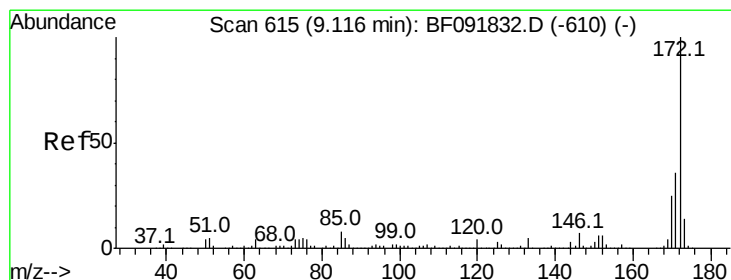
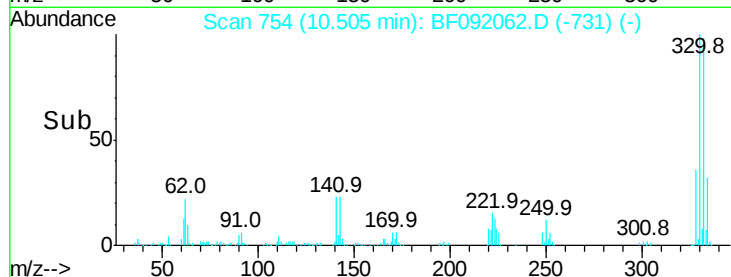
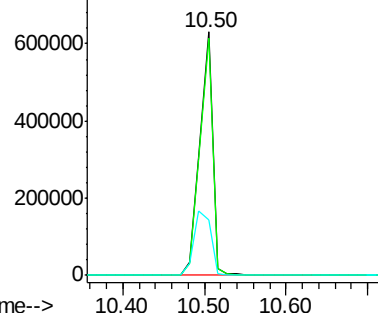
#41
 2,4,6-Tribromophenol
 Concen: 130.56 ng
 RT: 10.50 min Scan# 754
 Delta R.T. -0.04 min
 Lab File: BF092062.D
 Acq: 3 Jan 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB95719BL

Tot Ion:330 Resp: 688311
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 34.5 34.1 51.1

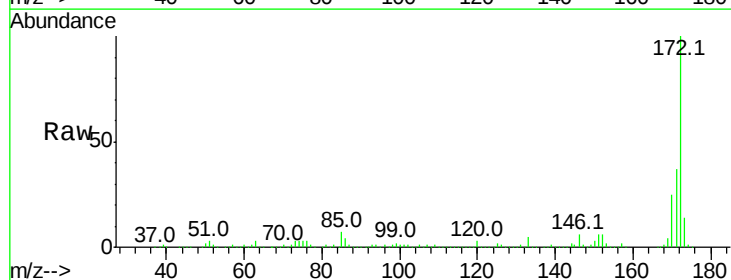


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

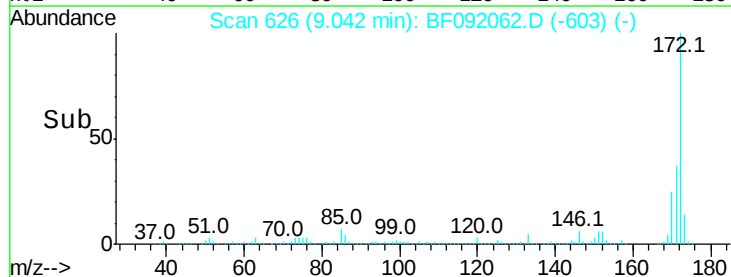
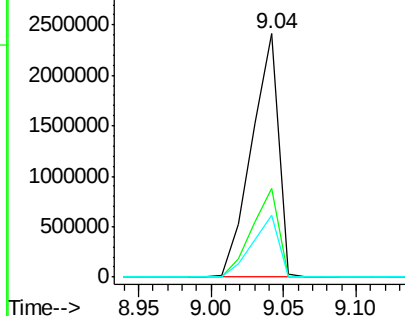


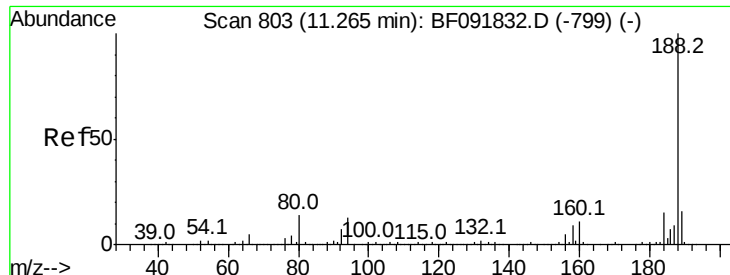
#44
 2-Fluorobiphenyl
 Concen: 102.65 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.04 min
 Lab File: BF092062.D
 Acq: 3 Jan 2017 15:56

Tgt Ion:172 Resp: 3108096
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 25.2 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

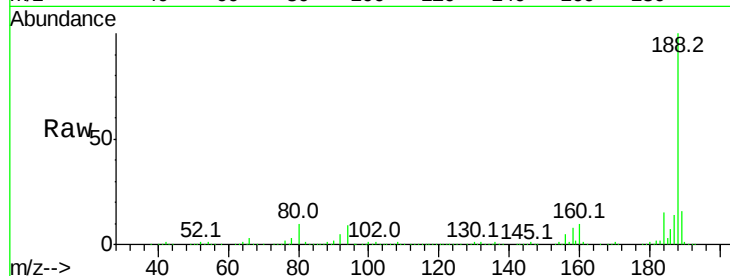




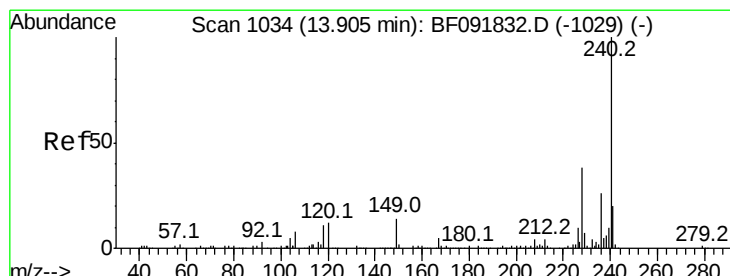
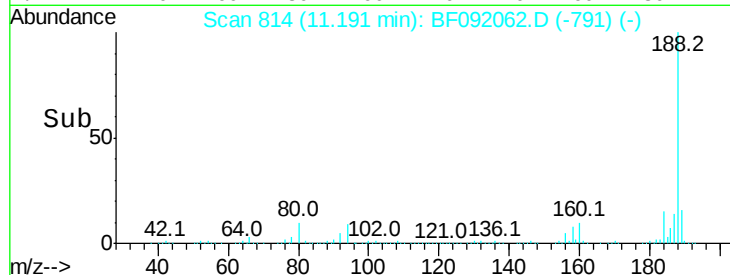
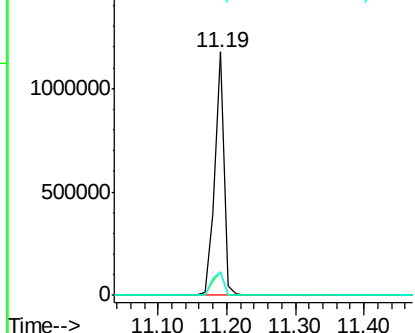
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 814
Delta R.T. -0.04 min
Lab File: BF092062.D
Acq: 3 Jan 2017 15:56

Instrument :
BNA_F
ClientSampleId :
PB95719BL

Tot Ion:188 Resp: 1131494
Ion Ratio Lower Upper
188 100
94 9.4 10.0 15.0#
80 9.9 11.2 16.8#

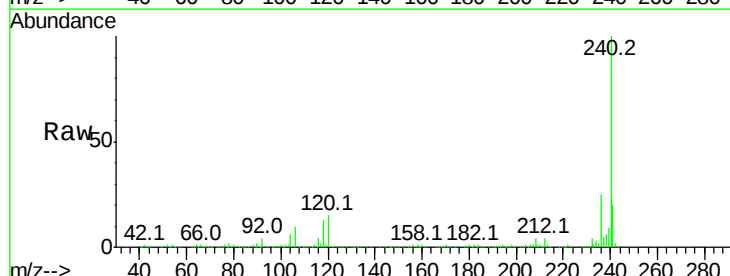


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

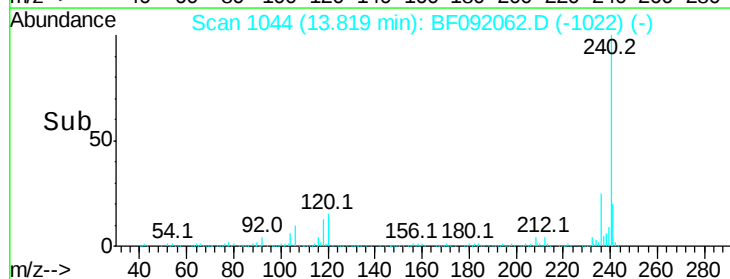
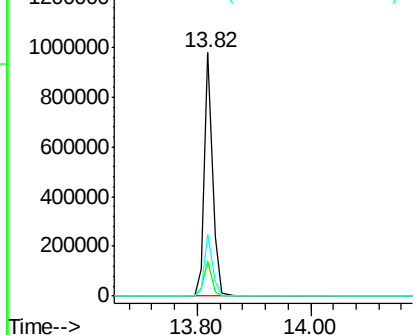


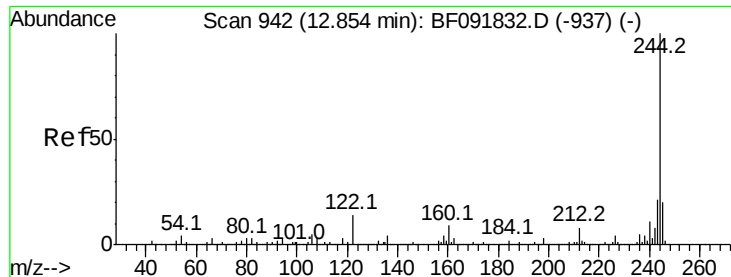
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF092062.D
Acq: 3 Jan 2017 15:56

Tgt Ion:240 Resp: 935020
Ion Ratio Lower Upper
240 100
120 14.5 12.9 19.3
236 25.5 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: 71.47 ng

RT: 12.78 min Scan# 953

Delta R.T. -0.04 min

Lab File: BF092062.D

Acq: 3 Jan 2017 15:56

Instrument :

BNA_F

ClientSampleId :

PB95719BL

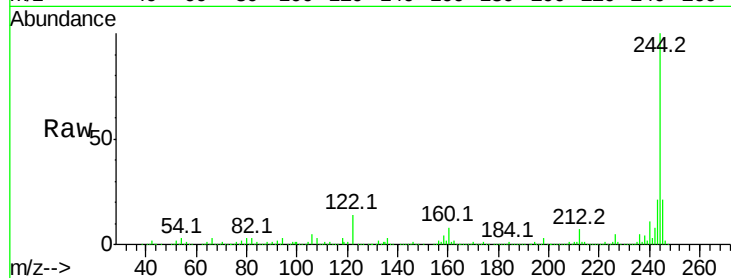
Tot Ion:244 Resp: 2755341

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

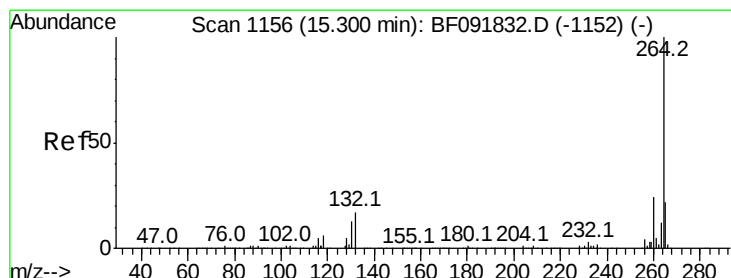
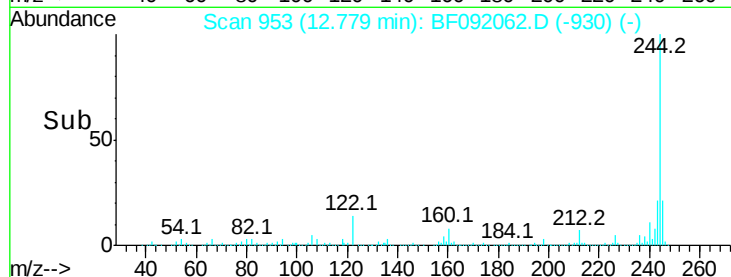
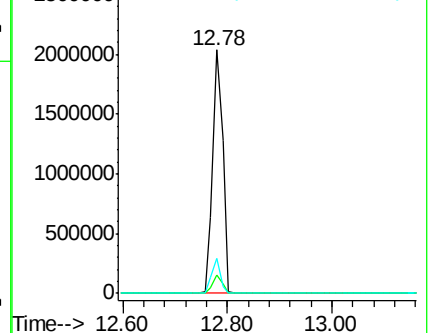
122 14.5 11.4 17.2



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: 15.20 min Scan# 1165

Delta R.T. -0.05 min

Lab File: BF092062.D

Acq: 3 Jan 2017 15:56

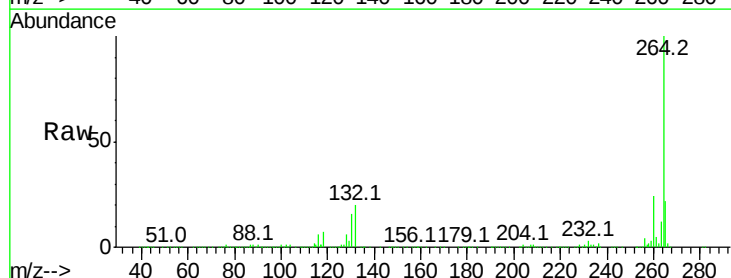
Tgt Ion:264 Resp: 880238

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.0 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

