

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012117\
 Data File : BF092411.D
 Acq On : 21 Jan 2017 14:25
 Operator : UM/SJ
 Sample : I1266-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-1-MANHATTANVILLE-11717

Quant Time: Jan 23 01:27:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 23 01:12:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	131127	20.00	ng	-0.01
21) Naphthalene-d8	7.80	136	516192	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	414807	20.00	ng	-0.01
63) Phenanthrene-d10	11.02	188	662266	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	527857	20.00	ng	-0.01
86) Perylene-d12	15.00	264	402982	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	530496	67.55	ng	0.01
7) Phenol-d6	6.19	99	474743	49.51	ng	-0.01
23) Nitrobenzene-d5	7.09	82	953200	102.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.35	330	503170	146.58	ng	0.00
44) 2-Fluorobiphenyl	8.88	172	2030576	103.04	ng	0.00
78) Terphenyl-d14	12.62	244	2209390	101.51	ng	0.01

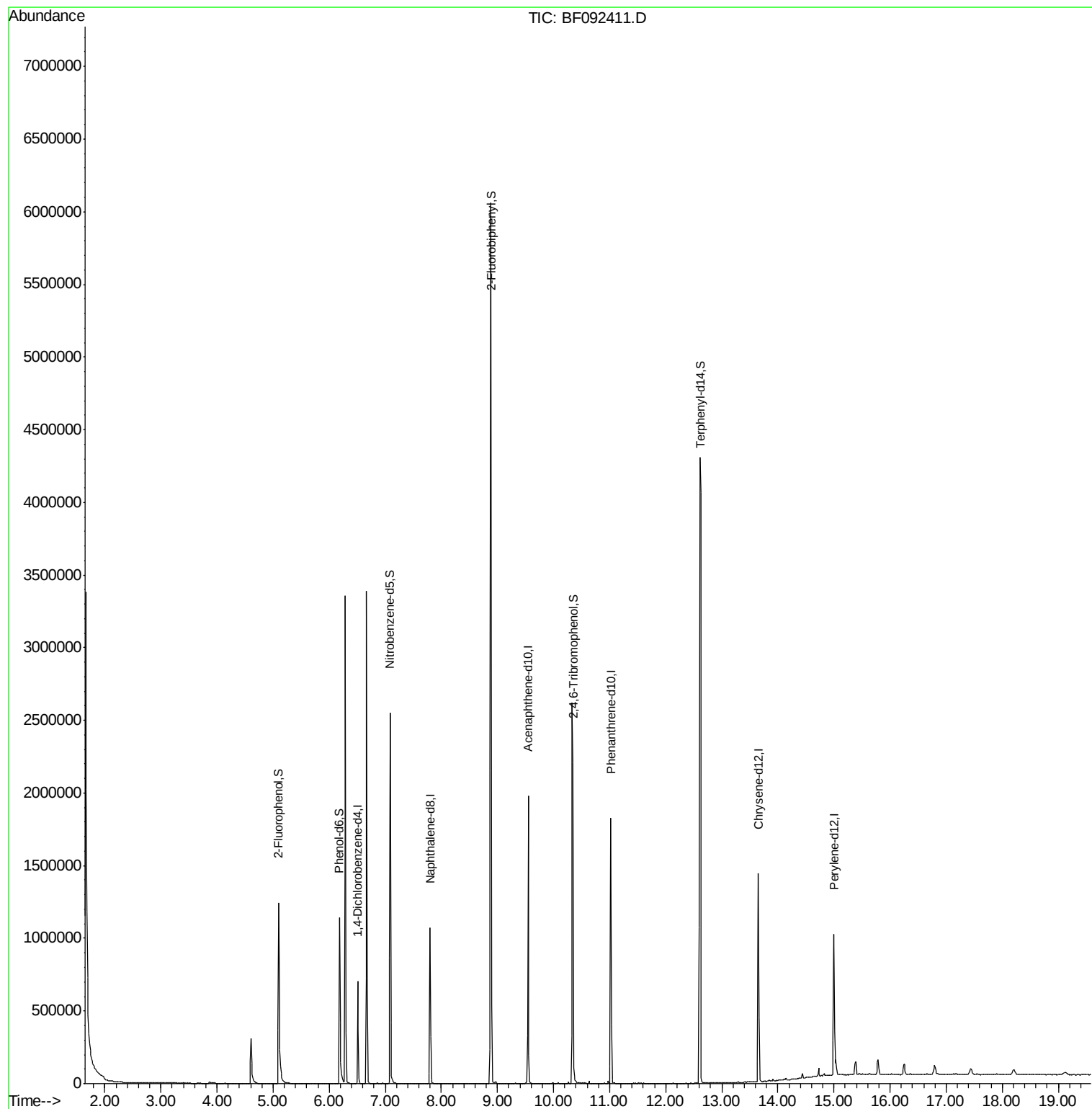
Target Compounds Qvalue

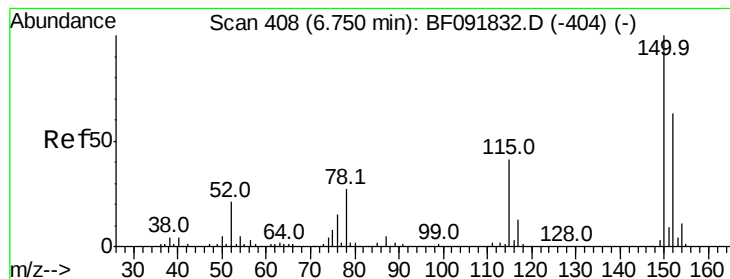
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092411.D

Acq: 21 Jan 2017 14:25

Instrument :

BNA_F

ClientSampleId :

FB-1-MANHATTANVILLE-11717

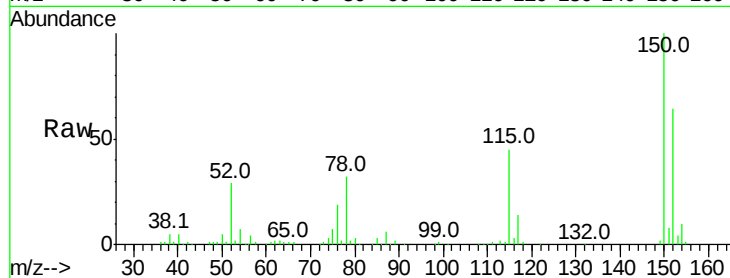
Tot Ion:152 Resp: 131127

Ion Ratio Lower Upper

152 100

150 157.2 124.9 187.3

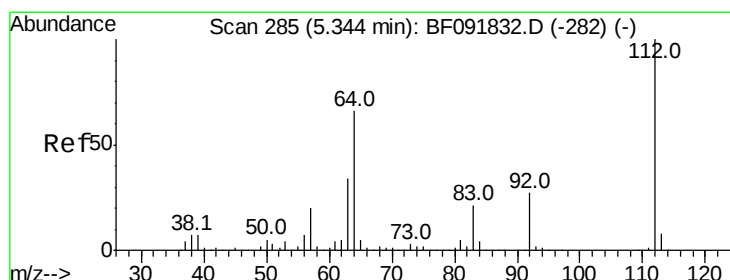
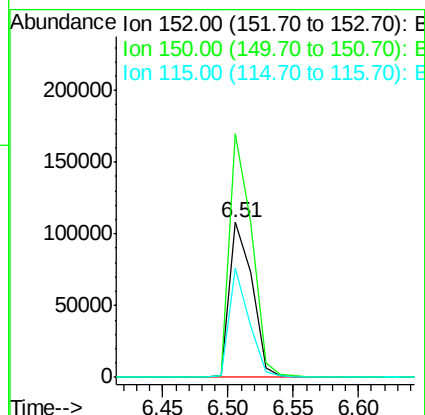
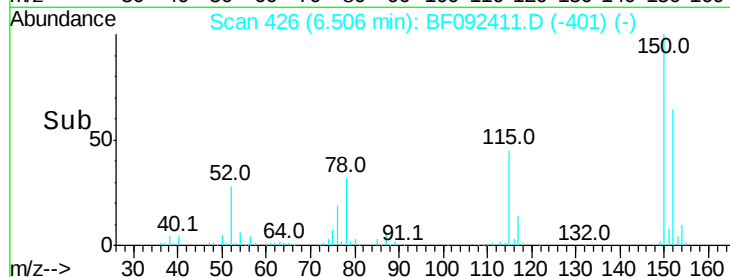
115 70.4 46.0 69.0#



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: 67.55 ng

RT: 5.10 min Scan# 303

Delta R.T. 0.01 min

Lab File: BF092411.D

Acq: 21 Jan 2017 14:25

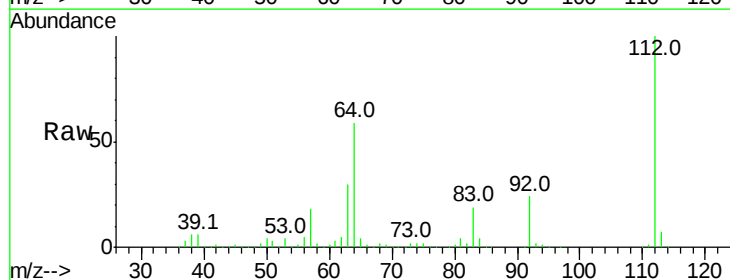
Tgt Ion:112 Resp: 530496

Ion Ratio Lower Upper

112 100

64 58.6 46.1 69.1

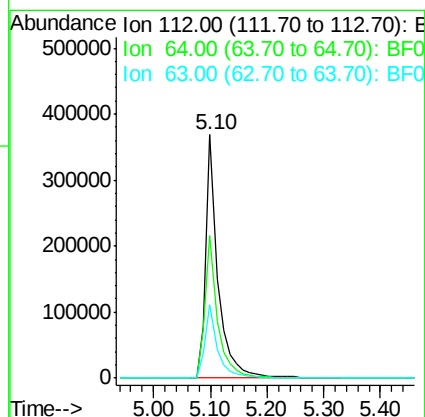
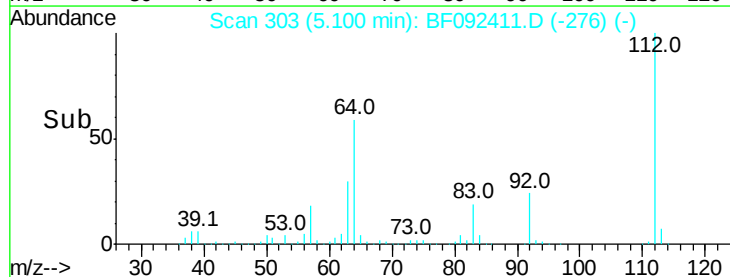
63 30.0 23.8 35.6



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: 49.51 ng

RT: 6.19 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF092411.D

Acq: 21 Jan 2017 14:25

Instrument :

BNA_F

ClientSampleId :

FB-1-MANHATTANVILLE-11717

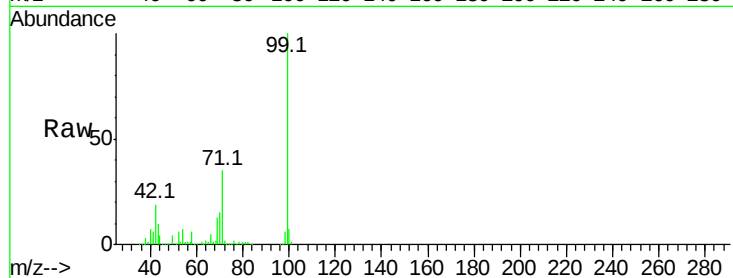
Tot Ion: 99 Resp: 474743

Ion Ratio Lower Upper

99 100

42 18.6 15.6 23.4

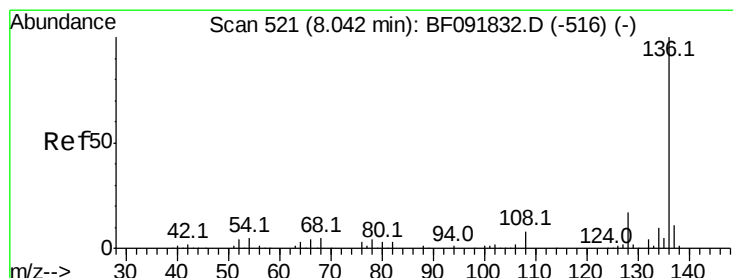
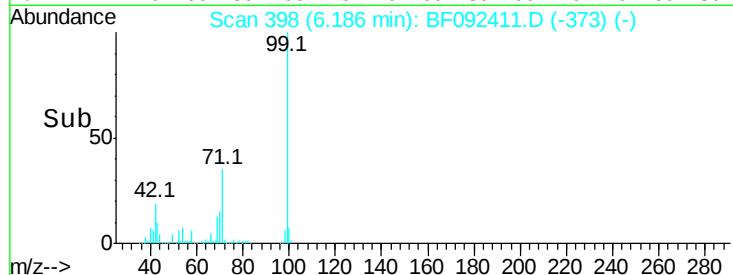
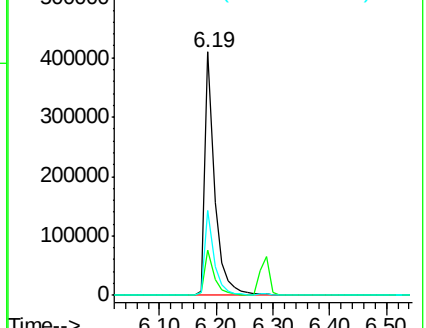
71 34.9 27.5 41.3



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: 7.80 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF092411.D

Acq: 21 Jan 2017 14:25

Tgt Ion: 136 Resp: 516192

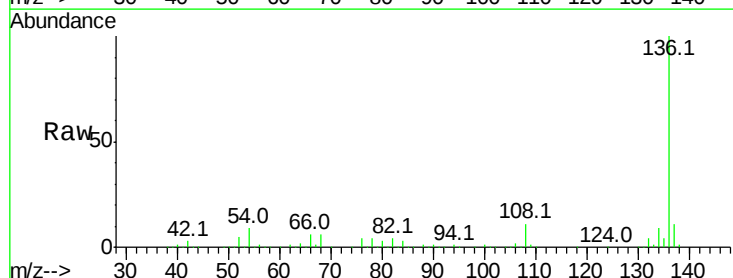
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 8.7 4.5 6.7#

68 6.2 3.6 5.4#

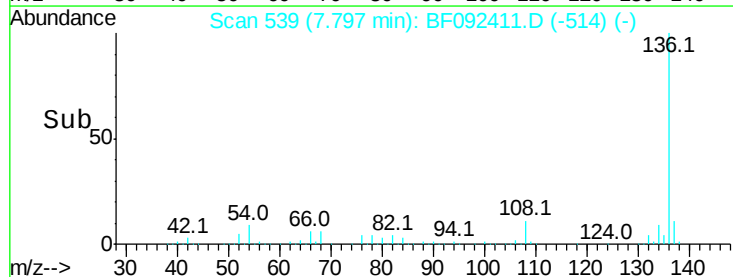
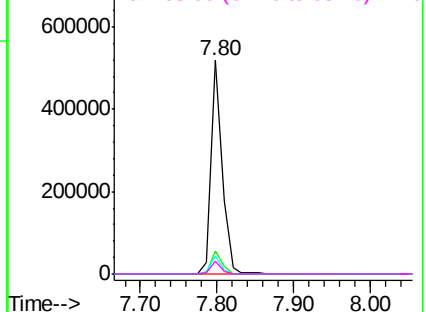


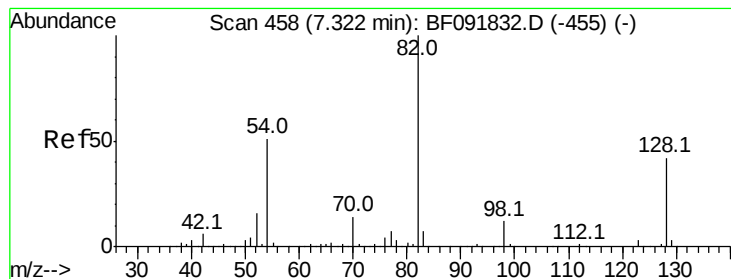
Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.68 ng

RT: 7.09 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF092411.D

Acq: 21 Jan 2017 14:25

Instrument :

BNA_F

ClientSampleId :

FB-1-MANHATTANVILLE-11717

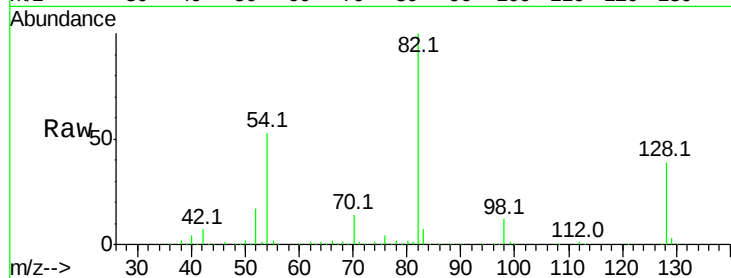
Tot Ion: 82 Resp: 953200

Ion Ratio Lower Upper

82 100

128 39.4 34.6 52.0

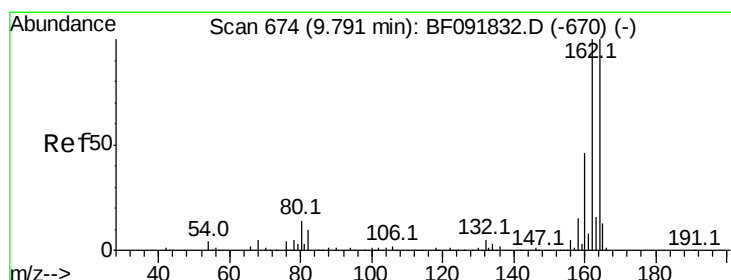
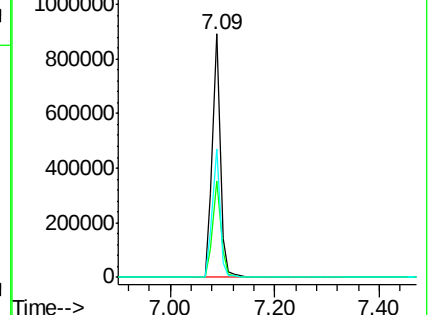
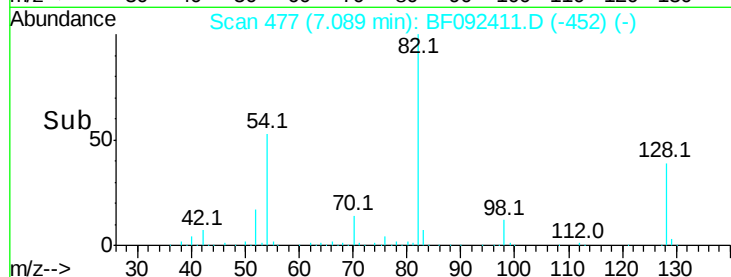
54 53.0 39.5 59.3



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: 9.55 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF092411.D

Acq: 21 Jan 2017 14:25

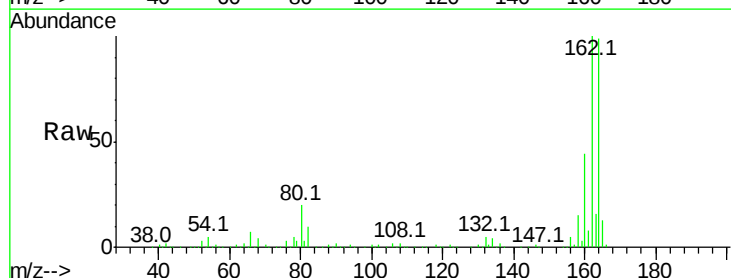
Tgt Ion:164 Resp: 414807

Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.2

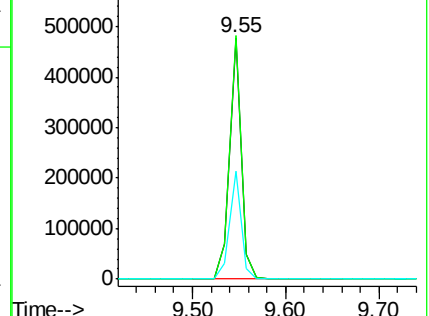
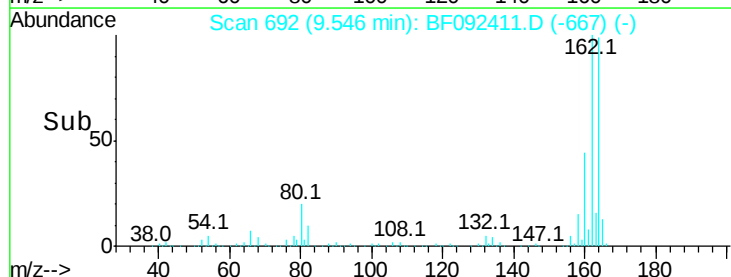
160 44.7 36.9 55.3



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

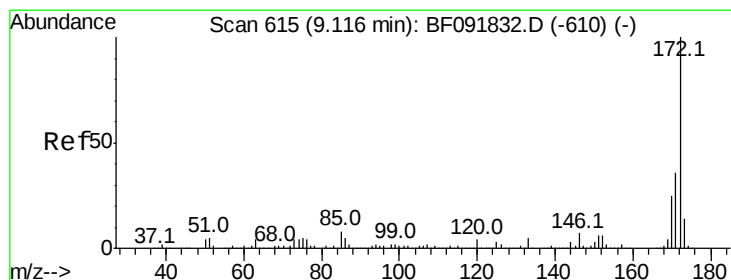
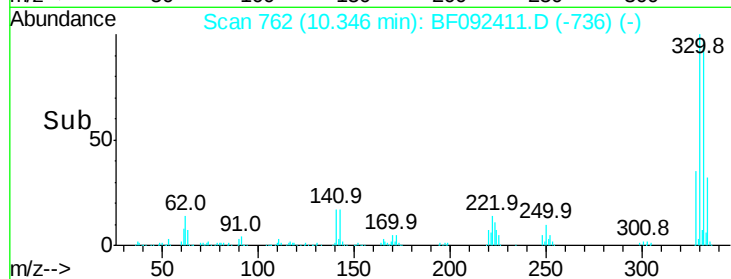
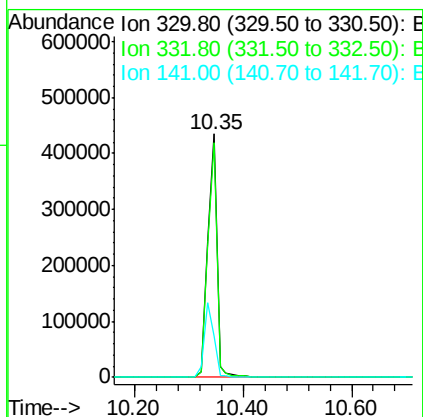
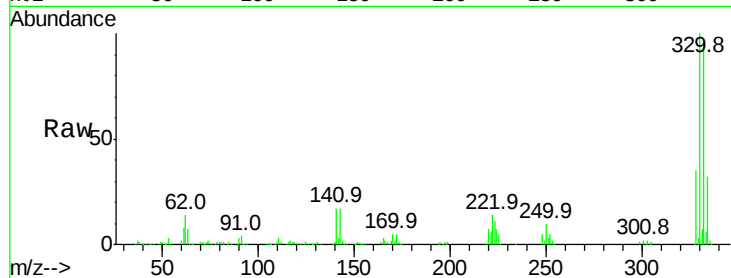




#41
 2,4,6-Tribromophenol
 Concen: 146.58 ng
 RT: 10.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF092411.D
 Acq: 21 Jan 2017 14:25

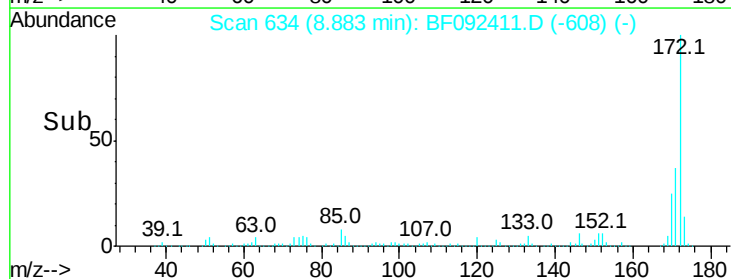
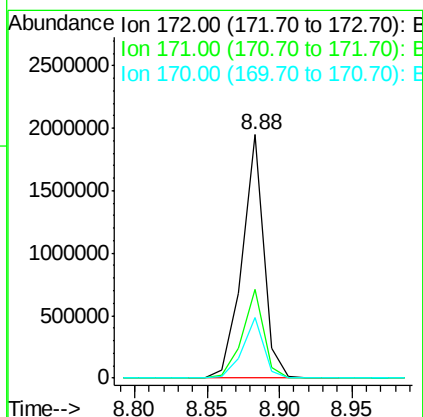
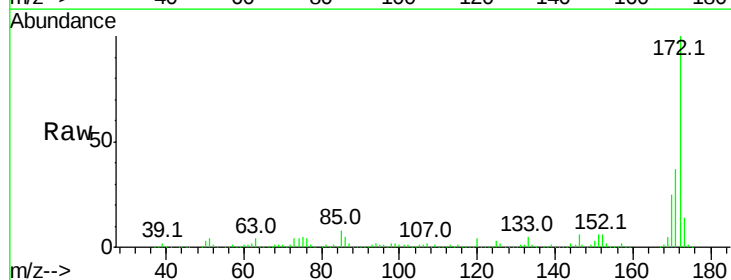
Instrument :
 BNA_F
 ClientSampleId :
 FB-1-MANHATTANVILLE-11717

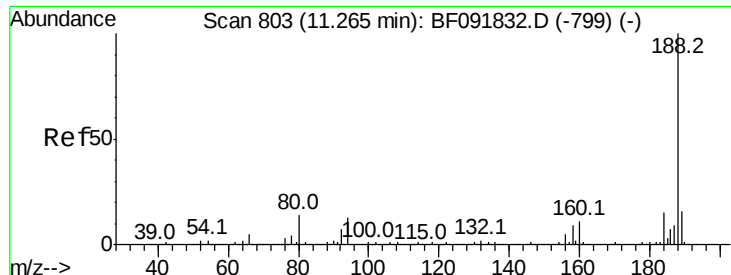
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	32.4	34.1	51.1#



#44
 2-Fluorobiphenyl
 Concen: 103.04 ng
 RT: 8.88 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092411.D
 Acq: 21 Jan 2017 14:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.7	20.2	30.4

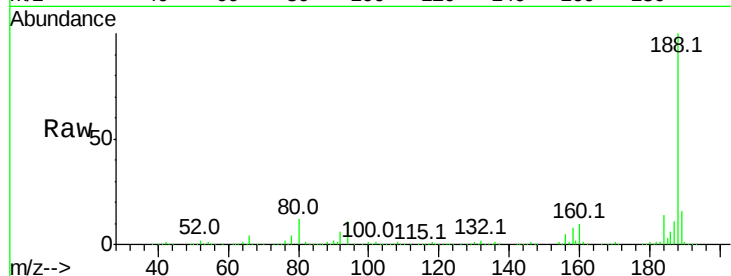




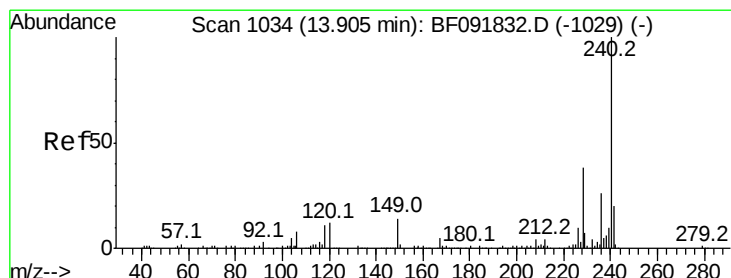
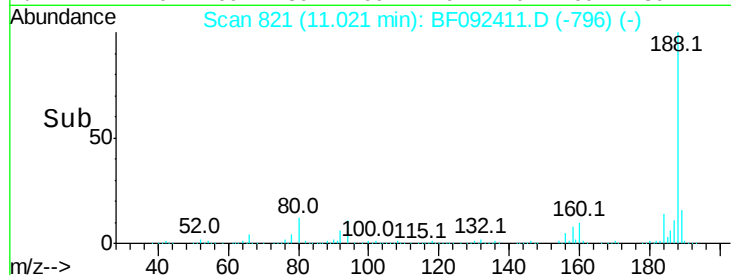
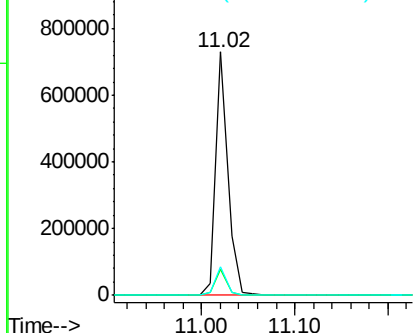
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF092411.D
Acq: 21 Jan 2017 14:25

Instrument :
BNA_F
ClientSampleId :
FB-1-MANHATTANVILLE-11717

Tot Ion:188 Resp: 662266
Ion Ratio Lower Upper
188 100
94 10.9 10.0 15.0
80 11.6 11.2 16.8

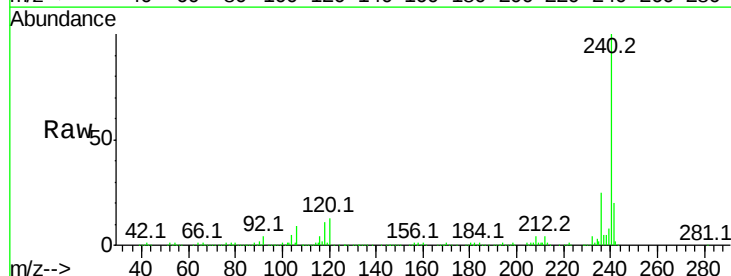


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

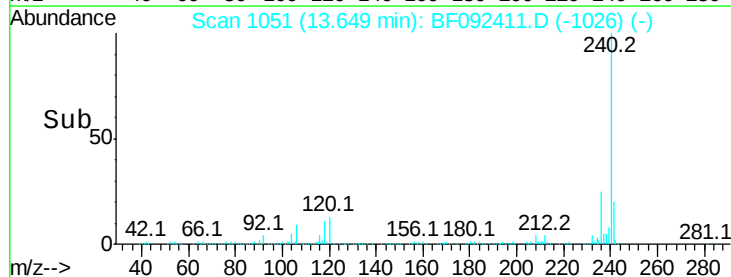
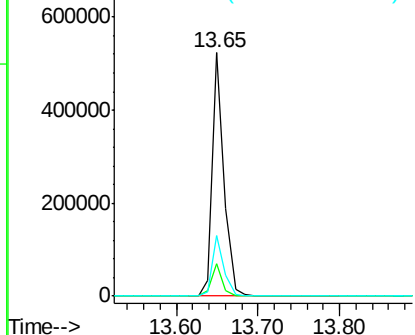


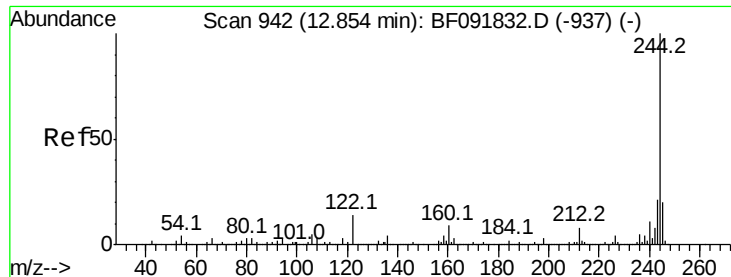
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.65 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF092411.D
Acq: 21 Jan 2017 14:25

Tgt Ion:240 Resp: 527857
Ion Ratio Lower Upper
240 100
120 13.1 12.9 19.3
236 24.8 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: 101.51 ng

RT: 12.62 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF092411.D

Acq: 21 Jan 2017 14:25

Instrument :

BNA_F

ClientSampleId :

FB-1-MANHATTANVILLE-11717

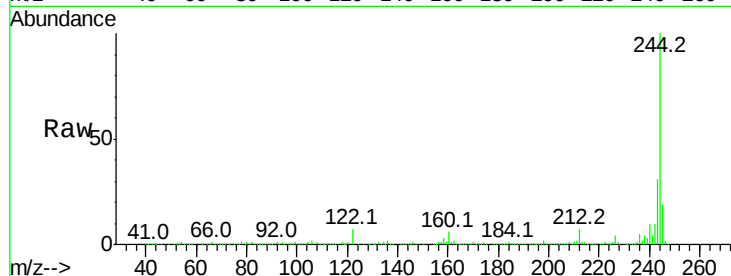
Tot Ion:244 Resp: 2209390

Ion Ratio Lower Upper

244 100

212 6.6 6.2 9.2

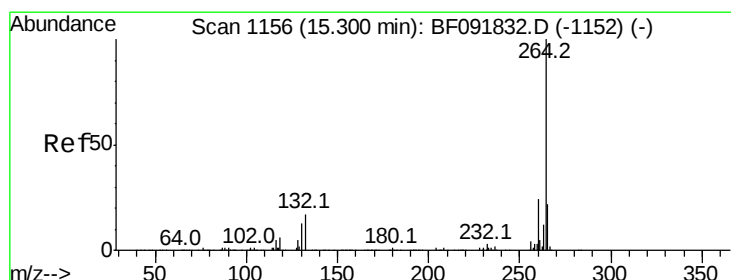
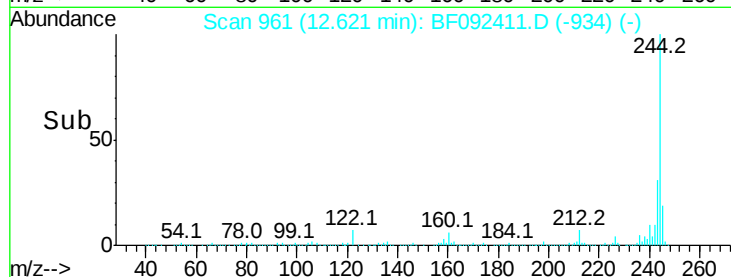
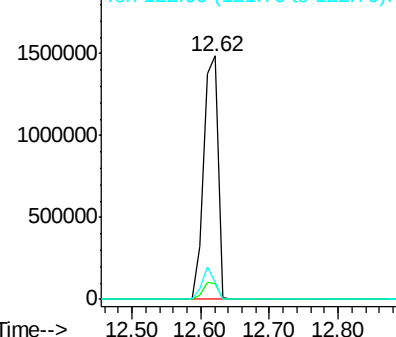
122 6.8 11.4 17.2#



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: 15.00 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF092411.D

Acq: 21 Jan 2017 14:25

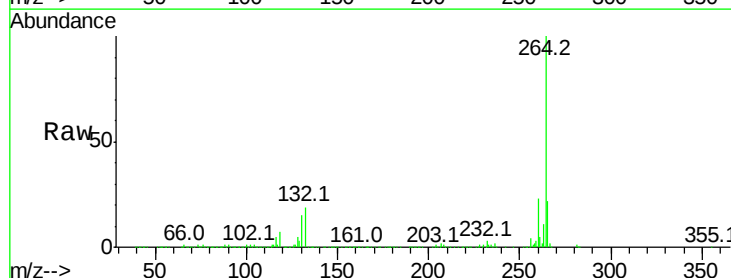
Tgt Ion:264 Resp: 402982

Ion Ratio Lower Upper

264 100

260 23.3 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

