

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092405.D
 Acq On : 21 Jan 2017 8:48
 Operator : UM/SJ
 Sample : I1267-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Quant Time: Jan 23 00:34:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jan 22 23:53:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	184066	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	700973	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	208492	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	309015	20.00	ng	0.00
75) Chrysene-d12	13.66	240	229713	20.00	ng	-0.01
86) Perylene-d12	15.02	264	235773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	837831	76.00	ng	0.02
7) Phenol-d6	6.21	99	623160	46.30	ng	0.01
23) Nitrobenzene-d5	7.10	82	1188137	94.25	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	272425	157.89	ng	0.01
44) 2-Fluorobiphenyl	8.90	172	1871508	201.62	ng	0.00
78) Terphenyl-d14	12.62	244	951178	100.42	ng	0.00

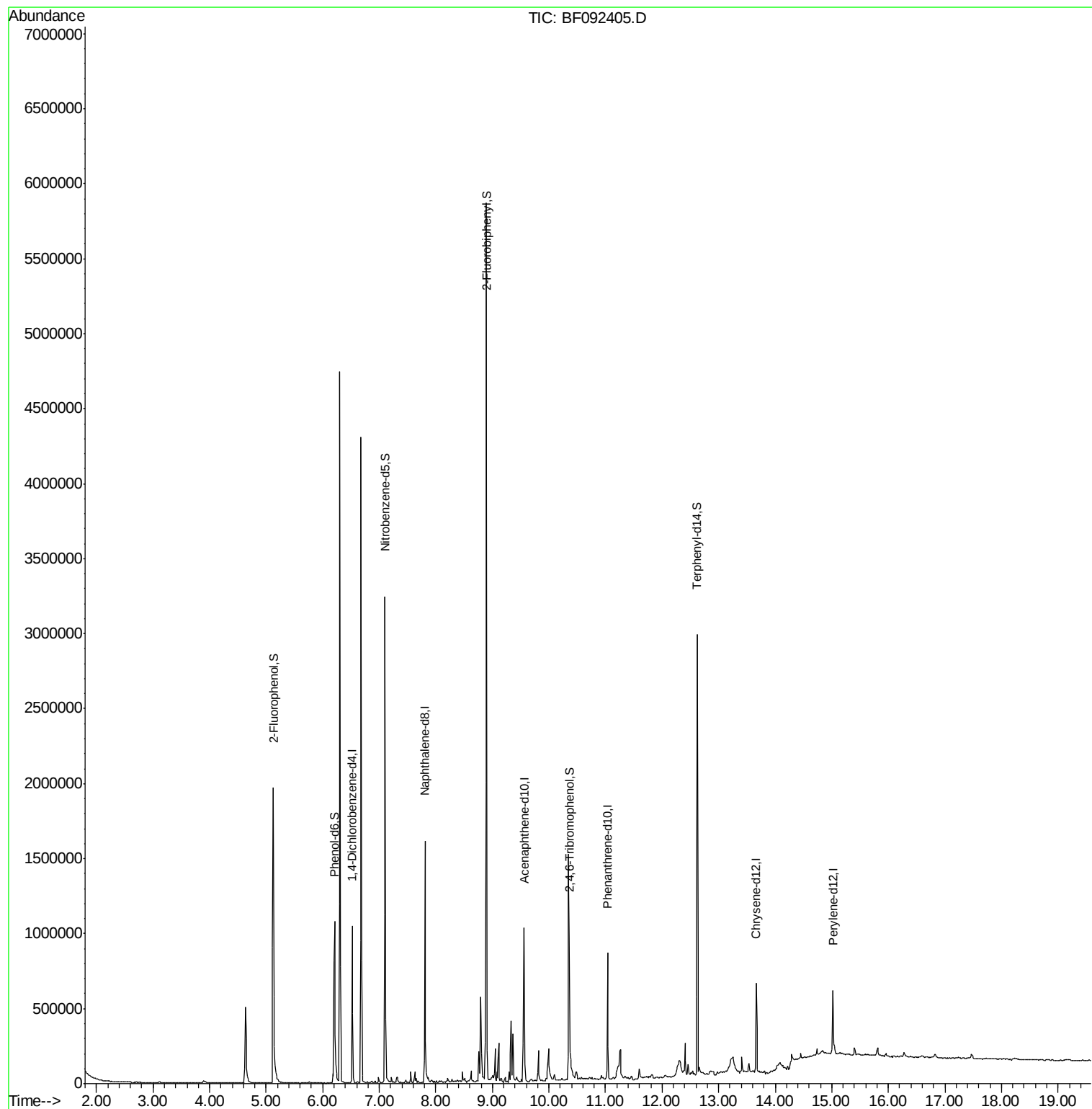
Target Compounds Qvalue

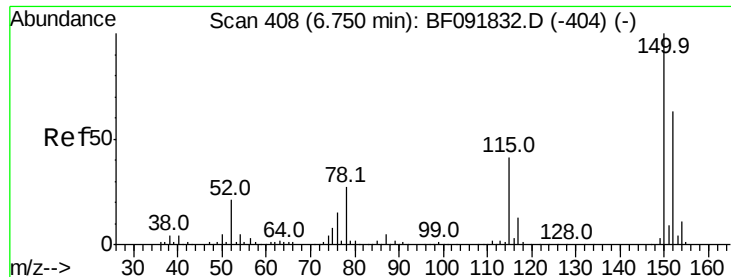
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF092405.D

Acq: 21 Jan 2017 8:48

Instrument :

BNA_F

ClientSampleId :

MW-22

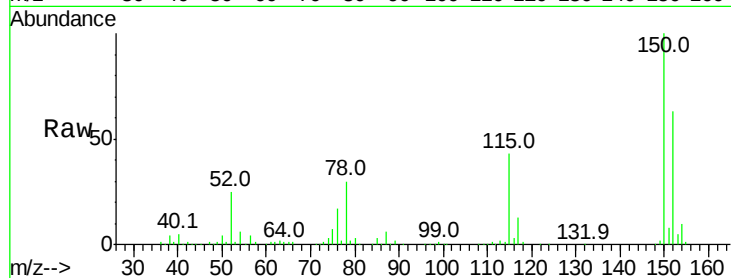
Tot Ion:152 Resp: 184066

Ion Ratio Lower Upper

152 100

150 157.6 124.9 187.3

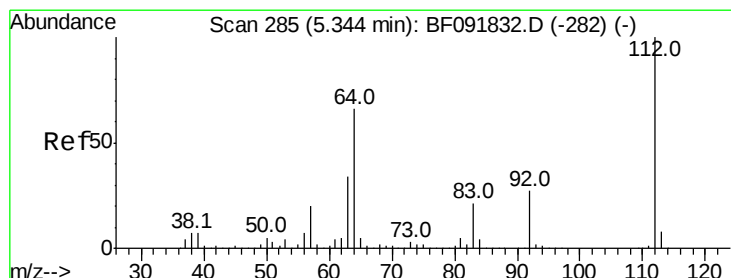
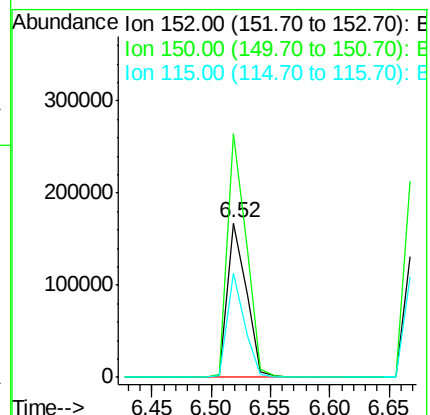
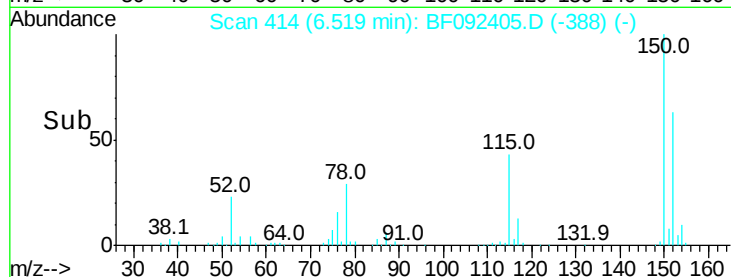
115 67.1 46.0 69.0



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: 76.00 ng

RT: 5.12 min Scan# 292

Delta R.T. 0.02 min

Lab File: BF092405.D

Acq: 21 Jan 2017 8:48

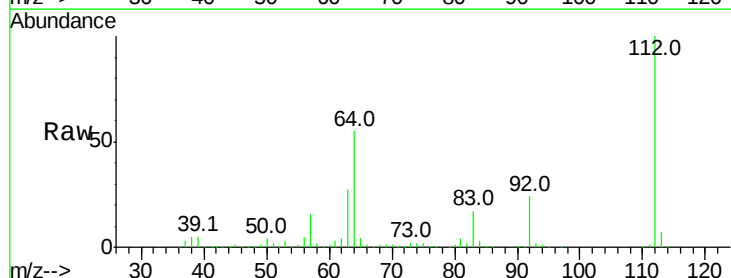
Tgt Ion:112 Resp: 837831

Ion Ratio Lower Upper

112 100

64 54.9 46.1 69.1

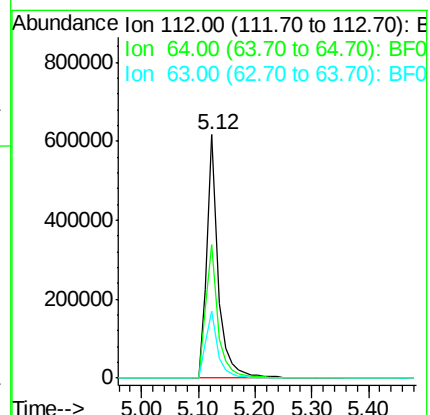
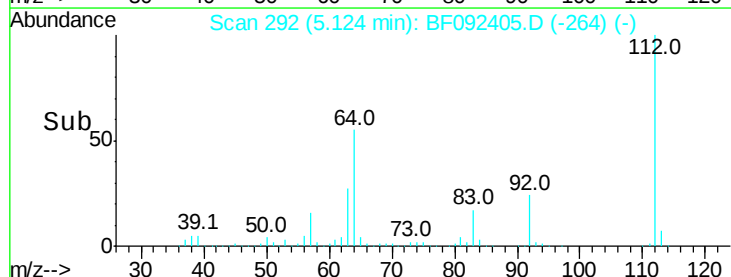
63 27.3 23.8 35.6



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: 46.30 ng

RT: 6.21 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF092405.D

Acq: 21 Jan 2017 8:48

Instrument :

BNA_F

ClientSampled :

MW-22

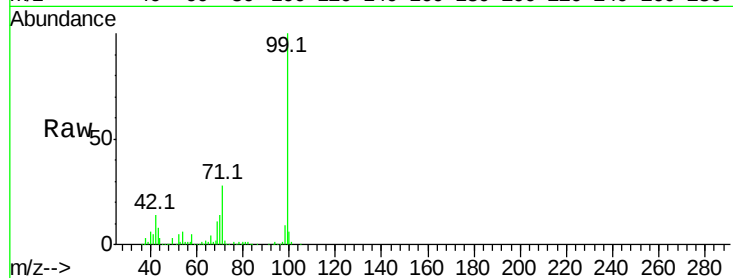
Tot Ion: 99 Resp: 623160

Ion Ratio Lower Upper

99 100

42 14.3 15.6 23.4#

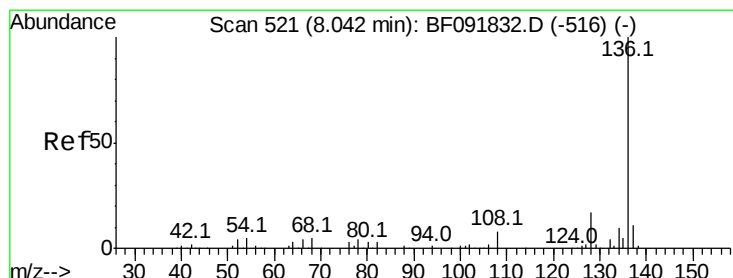
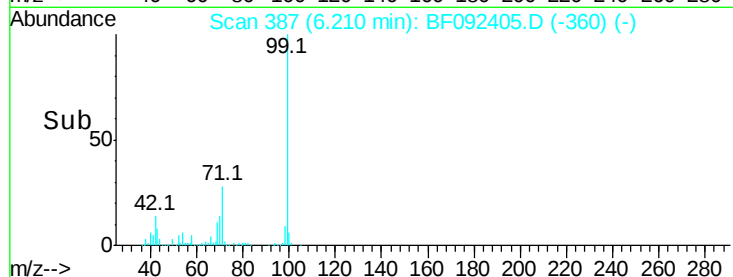
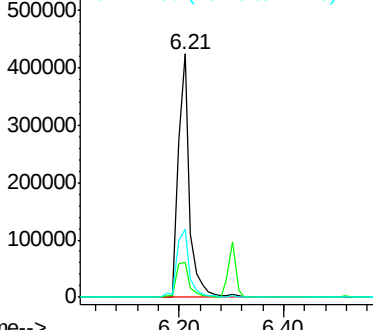
71 28.2 27.5 41.3



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: 7.81 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF092405.D

Acq: 21 Jan 2017 8:48

Tgt Ion: 136 Resp: 700973

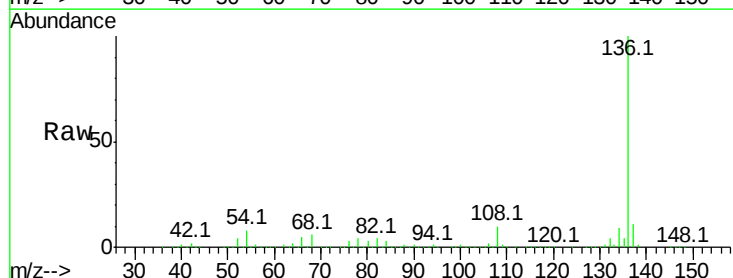
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 7.9 4.5 6.7#

68 6.2 3.6 5.4#

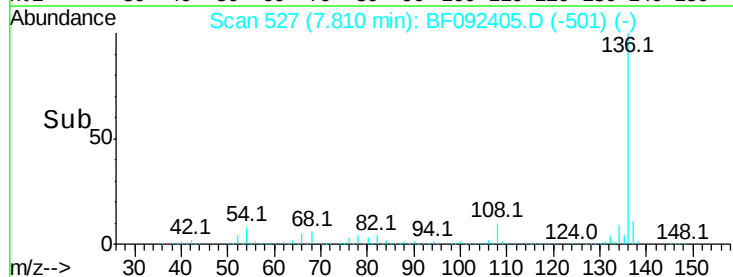
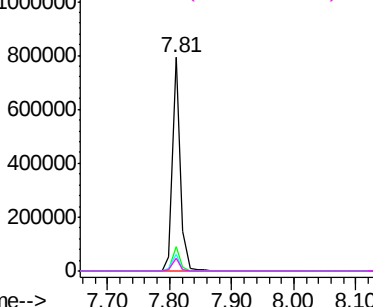


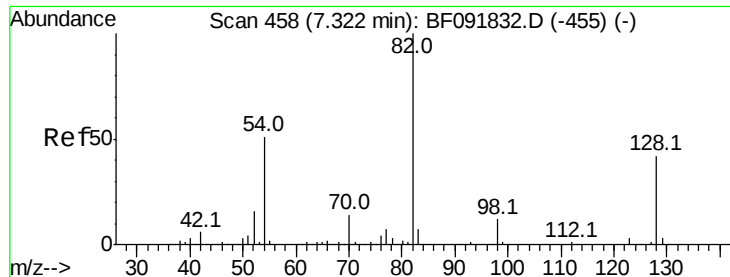
Abundance Ion 136.00 (135.70 to 136.70): E

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

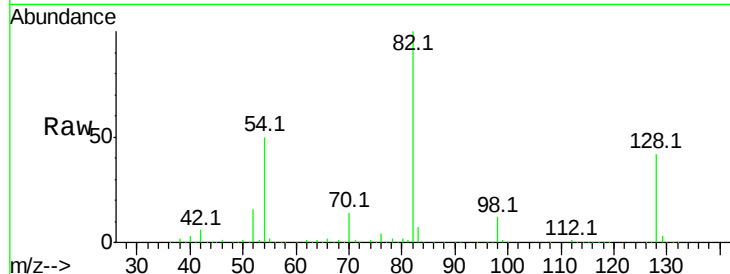




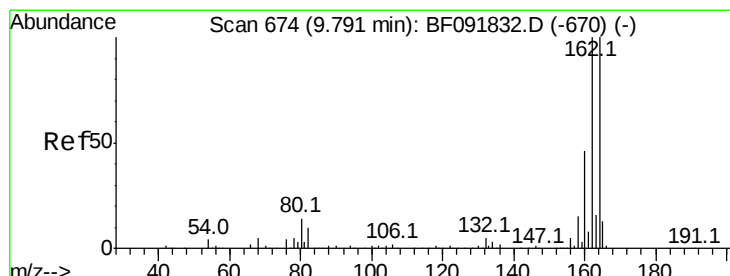
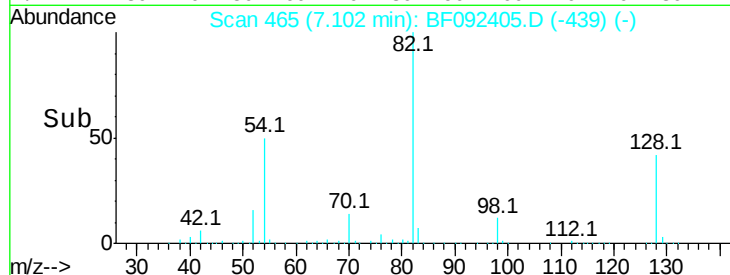
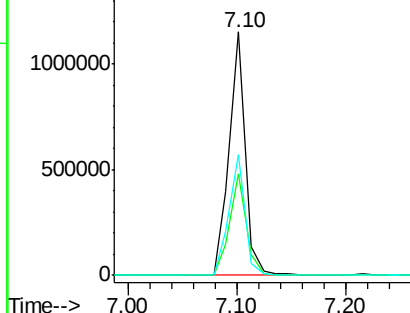
#23
Nitrobenzene-d5
Concen: 94.25 ng
RT: 7.10 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Instrument :
BNA_F
ClientSampleId :
MW-22

Tot Ion: 82 Resp: 1188137
Ion Ratio Lower Upper
82 100
128 41.9 34.6 52.0
54 49.8 39.5 59.3

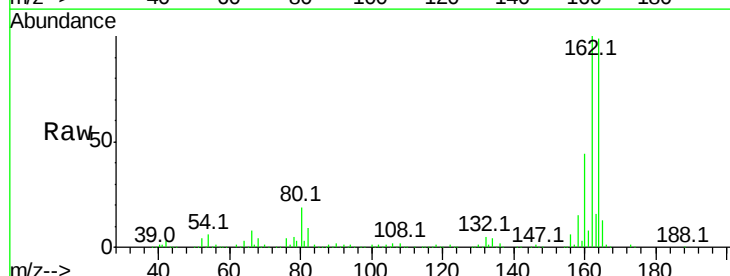


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

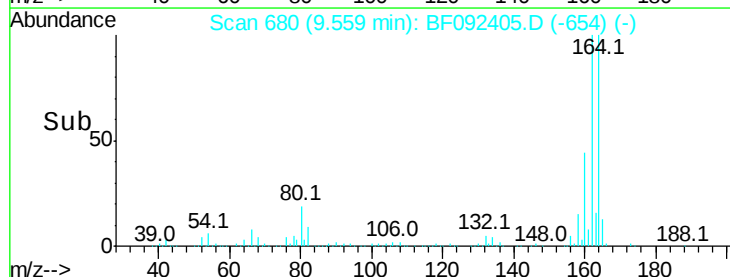
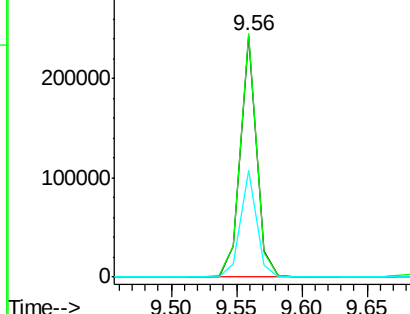


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Tgt Ion:164 Resp: 208492
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 44.4 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

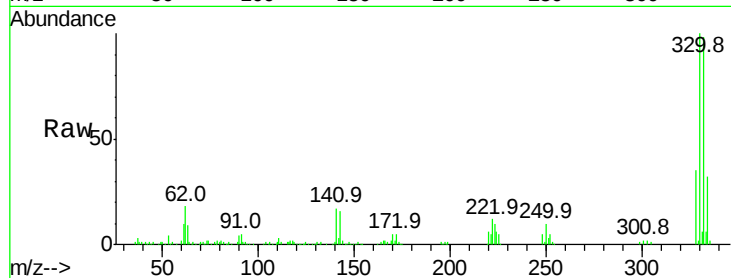




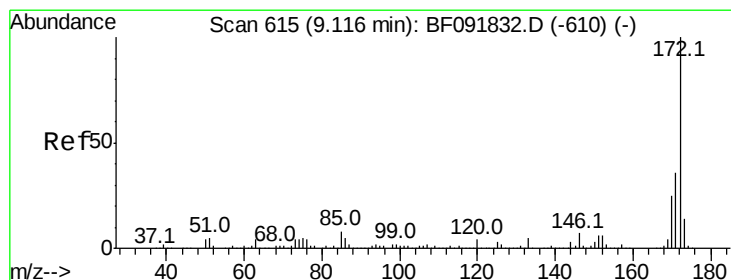
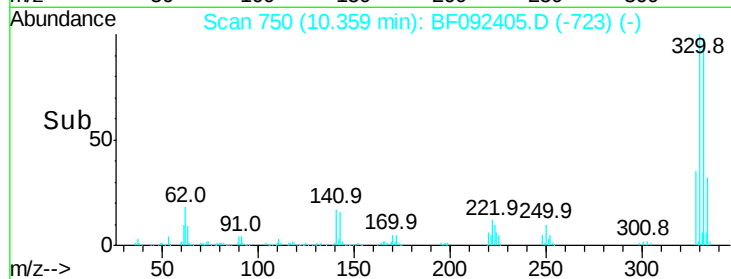
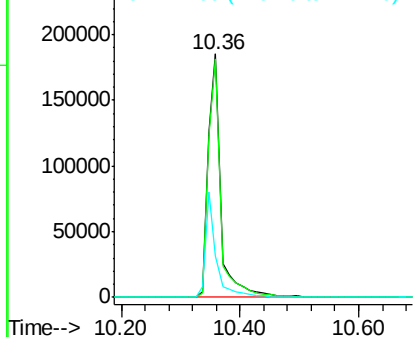
#41
 2,4,6-Tribromophenol
 Concen: 157.89 ng
 RT: 10.36 min Scan# 750
 Delta R.T. 0.01 min
 Lab File: BF092405.D
 Acq: 21 Jan 2017 8:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Tot Ion:330 Resp: 272425
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 37.7 34.1 51.1

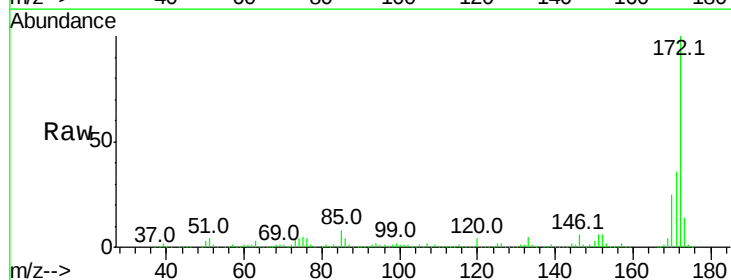


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

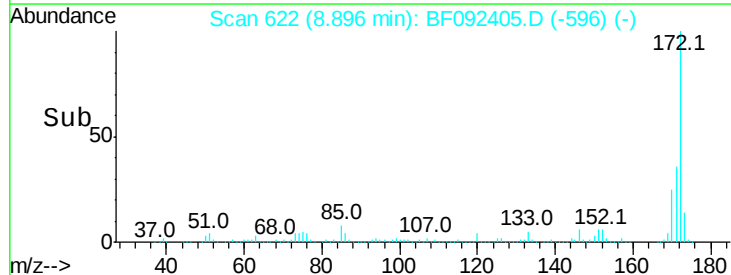
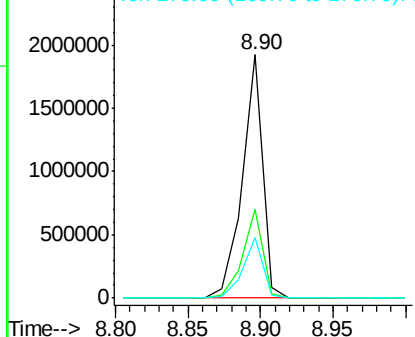


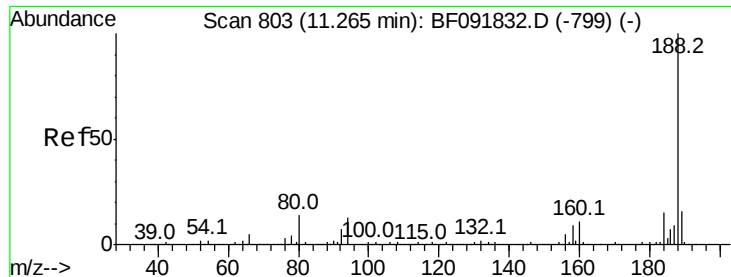
#44
 2-Fluorobiphenyl
 Concen: 201.62 ng
 RT: 8.90 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF092405.D
 Acq: 21 Jan 2017 8:48

Tgt Ion:172 Resp: 1871508
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

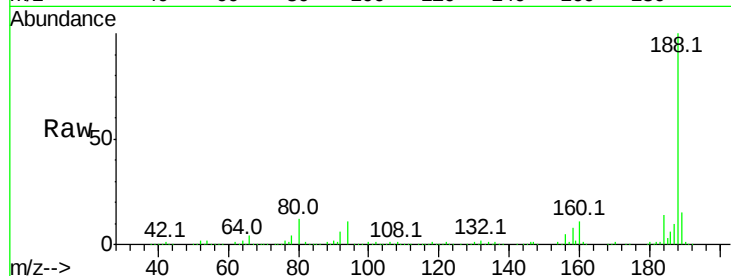




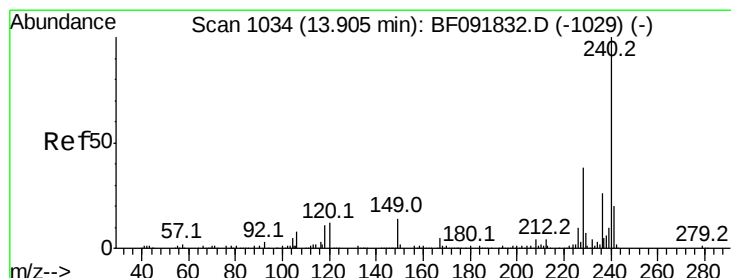
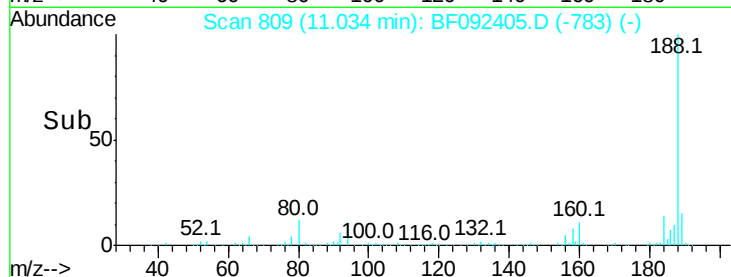
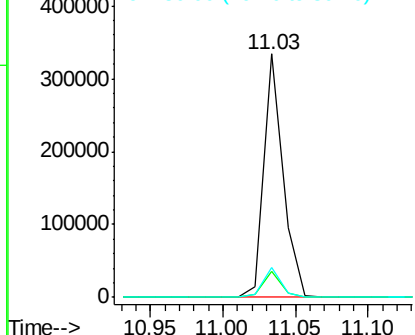
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Instrument :
BNA_F
ClientSampleId :
MW-22

Tot Ion:188 Resp: 309015
Ion Ratio Lower Upper
188 100
94 10.7 10.0 15.0
80 12.2 11.2 16.8

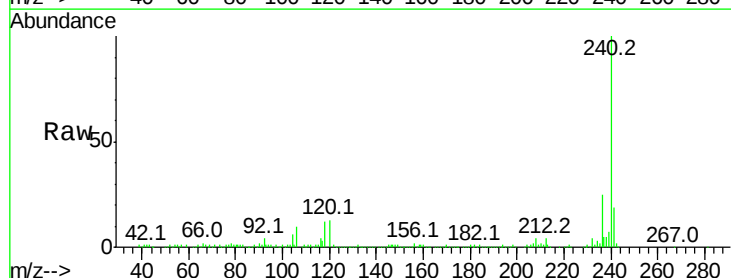


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

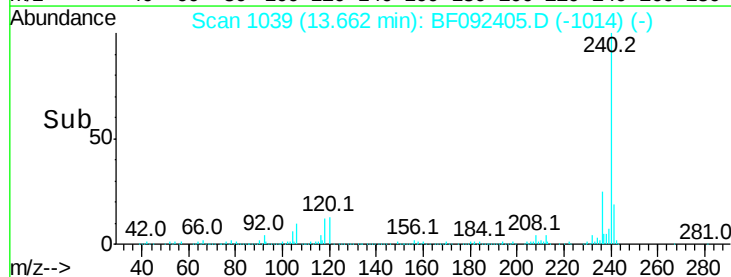
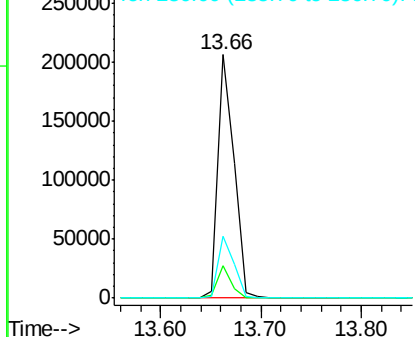


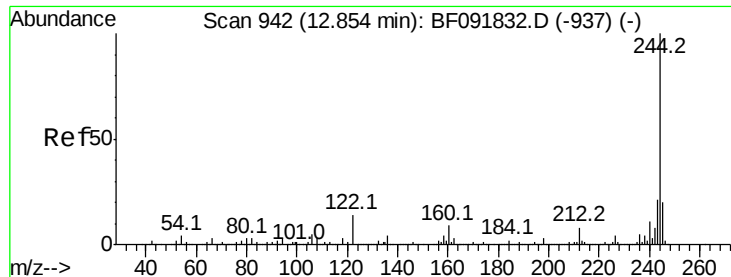
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.66 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Tgt Ion:240 Resp: 229713
Ion Ratio Lower Upper
240 100
120 13.3 12.9 19.3
236 25.3 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: 100.42 ng

RT: 12.62 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF092405.D

Acq: 21 Jan 2017 8:48

Instrument :

BNA_F

ClientSampleId :

MW-22

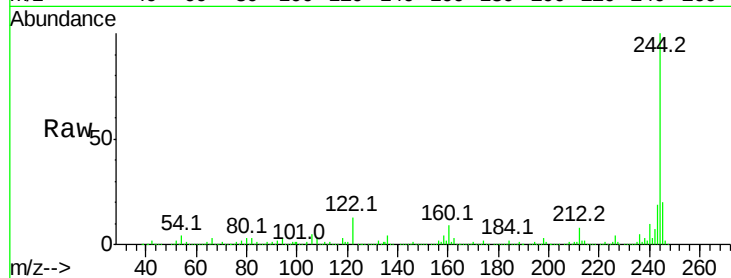
Tot Ion:244 Resp: 951178

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

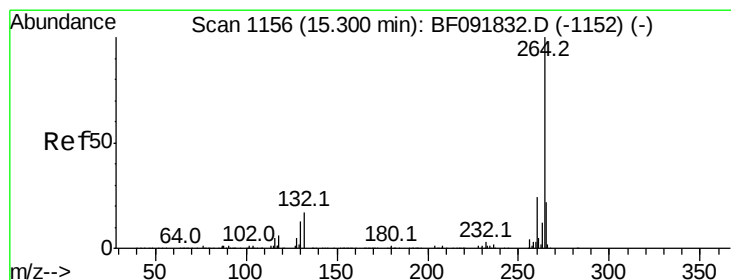
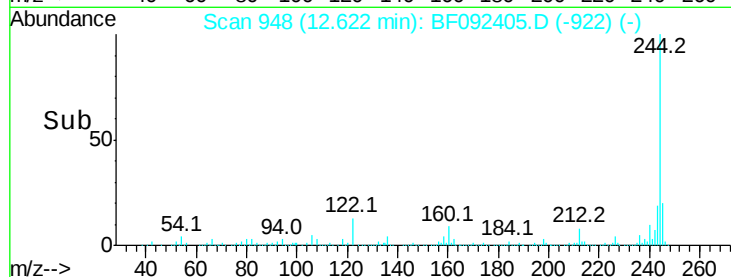
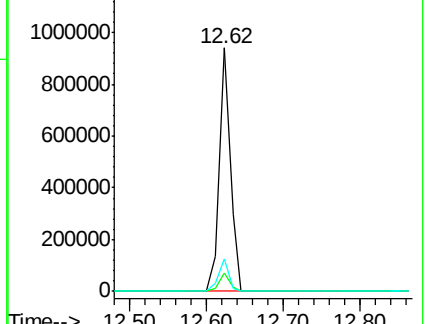
122 13.2 11.4 17.2



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: 15.02 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF092405.D

Acq: 21 Jan 2017 8:48

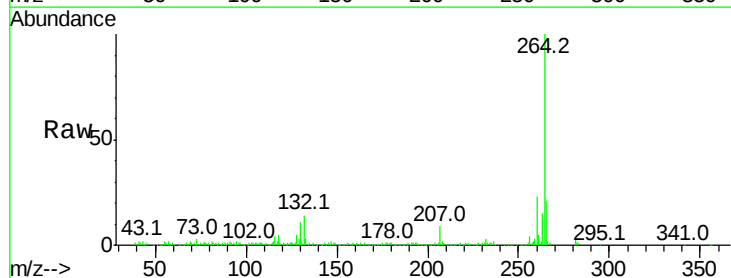
Tgt Ion:264 Resp: 235773

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 20.8 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

