

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
 Data File : BF092130.D
 Acq On : 6 Jan 2017 21:22
 Operator : UM/SJ
 Sample : I1045-04 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP2

Quant Time: Jan 06 23:34:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	159026	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	578393	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	242236	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	370338	20.00	ng	0.00
75) Chrysene-d12	13.79	240	338099	20.00	ng	0.00
86) Perylene-d12	15.16	264	248834	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	90732	9.53	ng	0.02
7) Phenol-d6	6.32	99	104619	9.00	ng	0.01
23) Nitrobenzene-d5	7.21	82	60429	5.81	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	15471	7.72	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	115981	-3.64	ng	0.00
78) Terphenyl-d14	12.73	244	82198	5.90	ng	-0.01

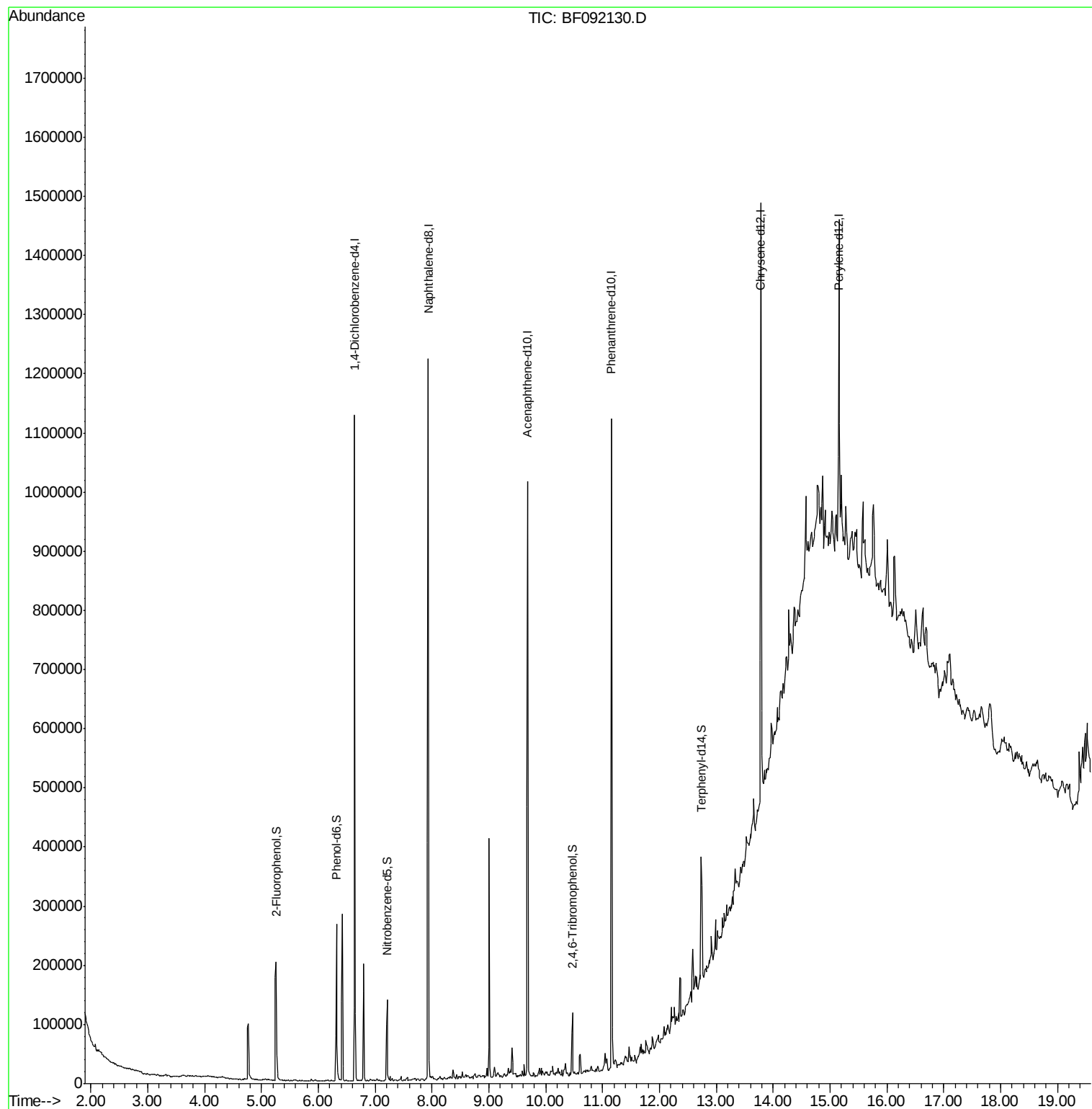
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092130.D

Acq: 6 Jan 2017 21:22

Instrument :

BNA_F

ClientSampleId :

RAP-SP2

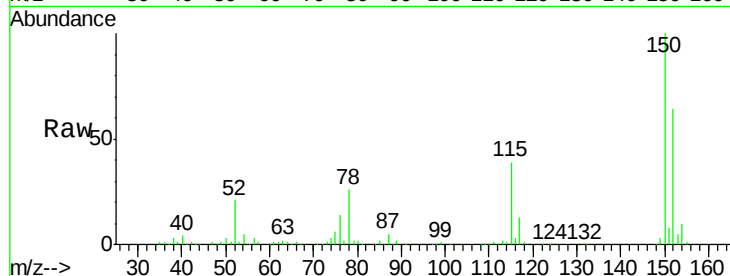
Tot Ion:152 Resp: 159026

Ion Ratio Lower Upper

152 100

150 155.3 124.9 187.3

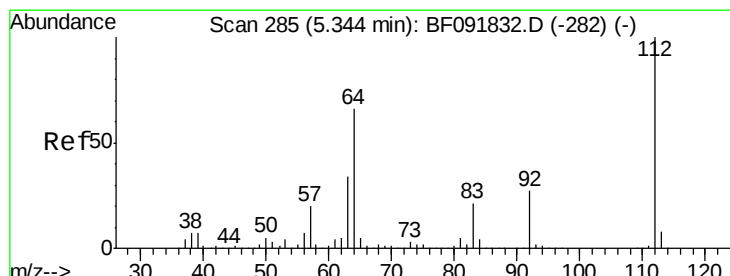
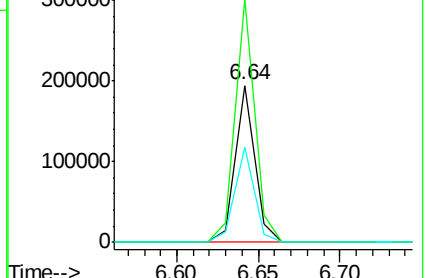
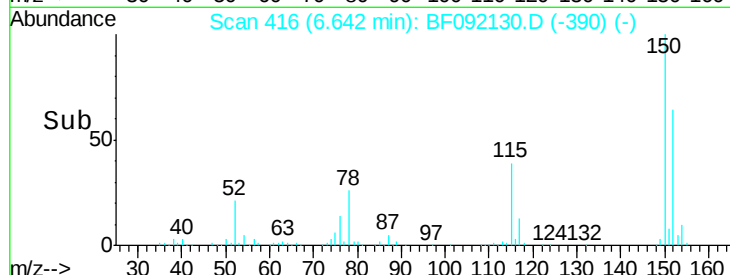
115 60.6 46.0 69.0



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: 9.53 ng

RT: 5.26 min Scan# 295

Delta R.T. 0.02 min

Lab File: BF092130.D

Acq: 6 Jan 2017 21:22

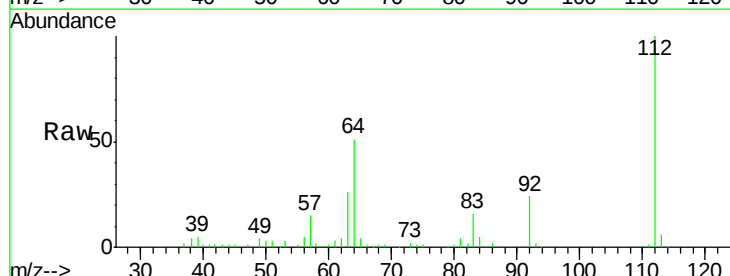
Tgt Ion:112 Resp: 90732

Ion Ratio Lower Upper

112 100

64 51.0 46.1 69.1

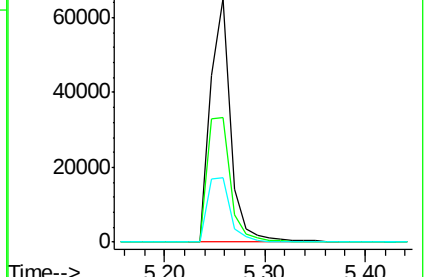
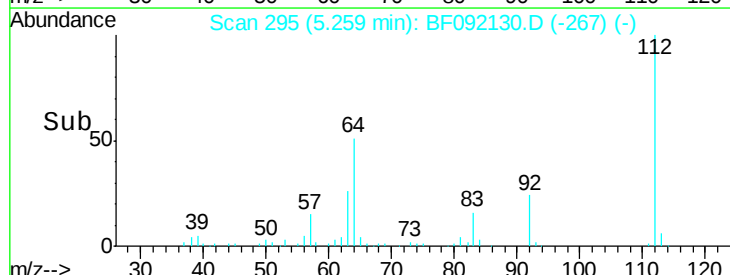
63 26.4 23.8 35.6



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: 9.00 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092130.D

Acq: 6 Jan 2017 21:22

Instrument :

BNA_F

ClientSampleId :

RAP-SP2

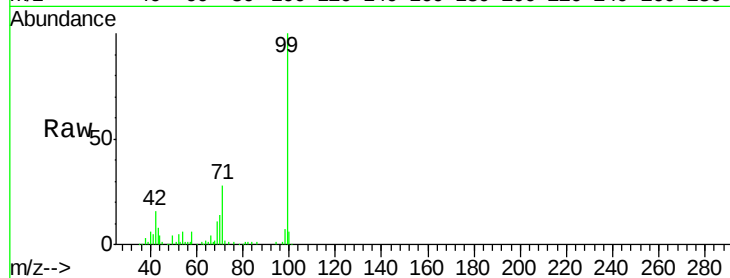
Tot Ion: 99 Resp: 104619

Ion Ratio Lower Upper

99 100

42 16.0 15.6 23.4

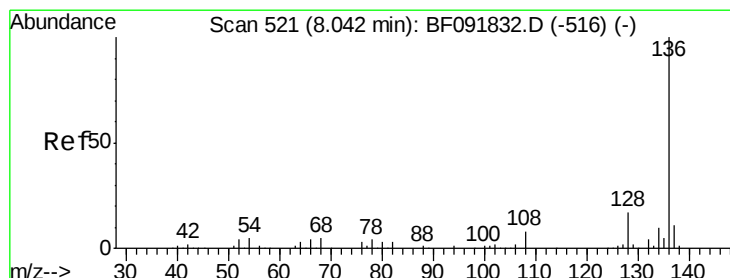
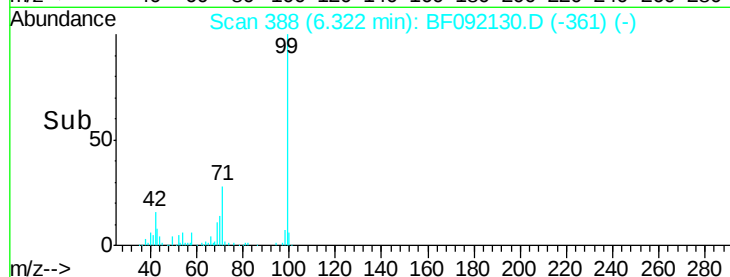
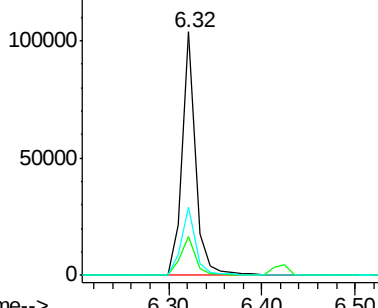
71 28.2 27.5 41.3



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: 7.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF092130.D

Acq: 6 Jan 2017 21:22

Tgt Ion: 136 Resp: 578393

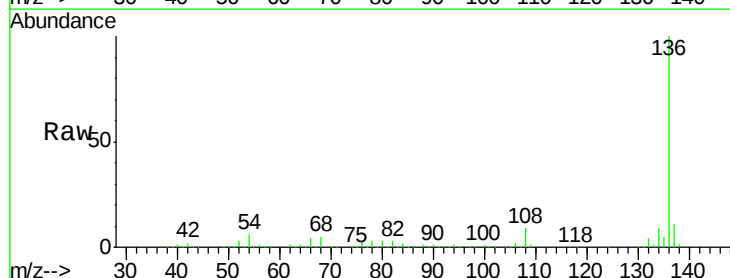
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 6.1 4.5 6.7

68 5.2 3.6 5.4

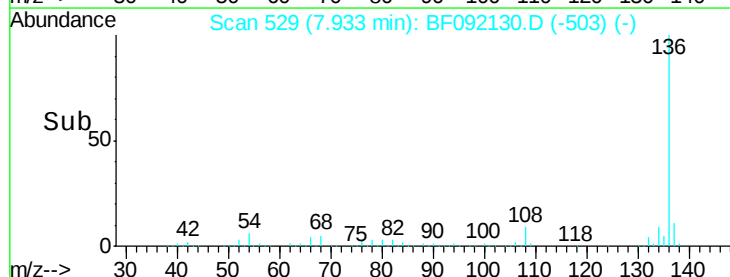
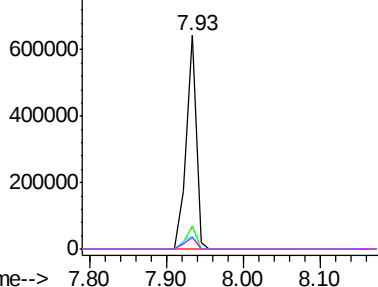


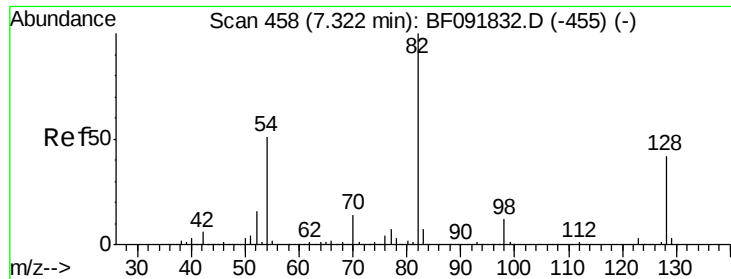
Abundance Ion 136.00 (135.70 to 136.70): E

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

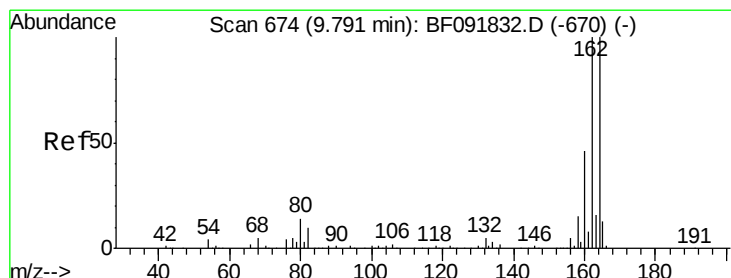
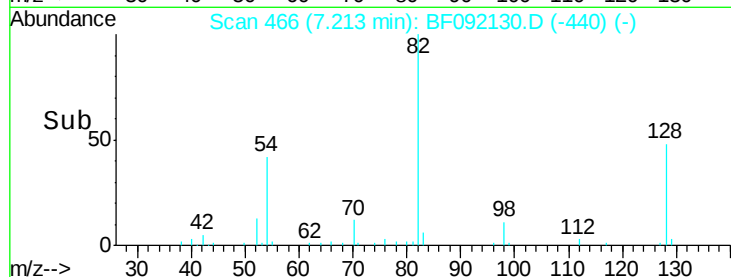
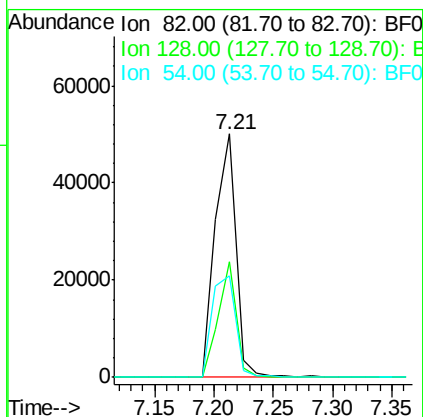
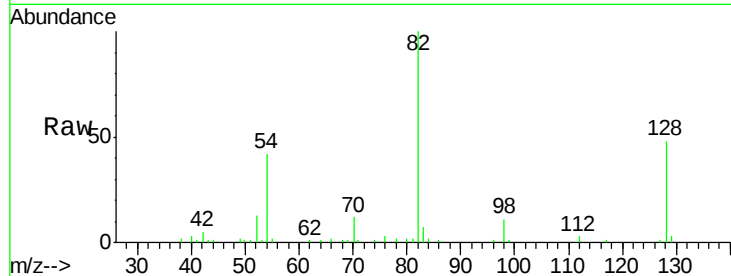




#23
Nitrobenzene-d5
Concen: 5.81 ng
RT: 7.21 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092130.D
Acq: 6 Jan 2017 21:22

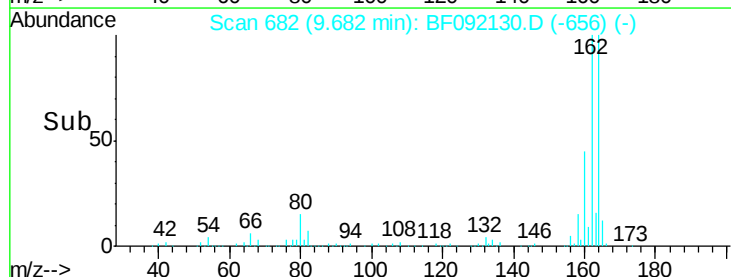
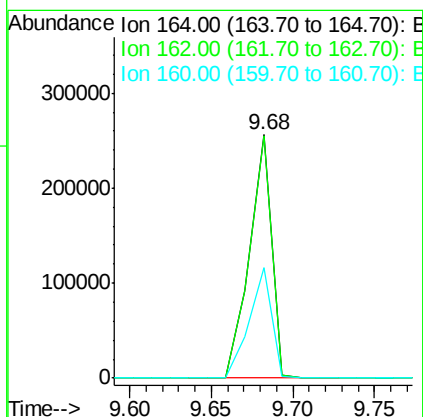
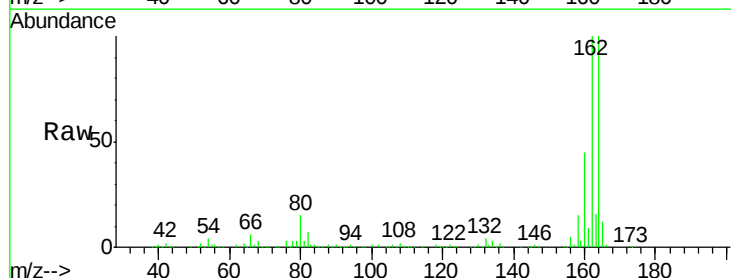
Instrument :
BNA_F
ClientSampleId :
RAP-SP2

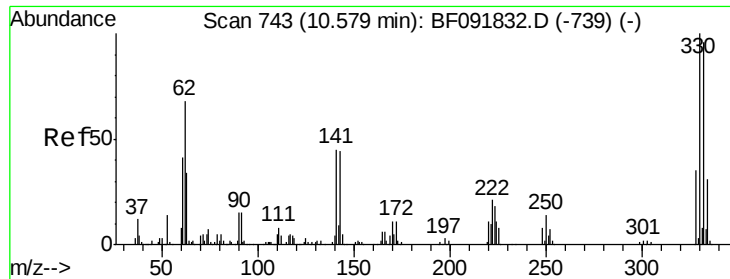
Tot Ion: 82 Resp: 60429
Ion Ratio Lower Upper
82 100
128 47.6 34.6 52.0
54 41.9 39.5 59.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092130.D
Acq: 6 Jan 2017 21:22

Tgt Ion:164 Resp: 242236
Ion Ratio Lower Upper
164 100
162 99.8 80.2 120.2
160 45.3 36.9 55.3

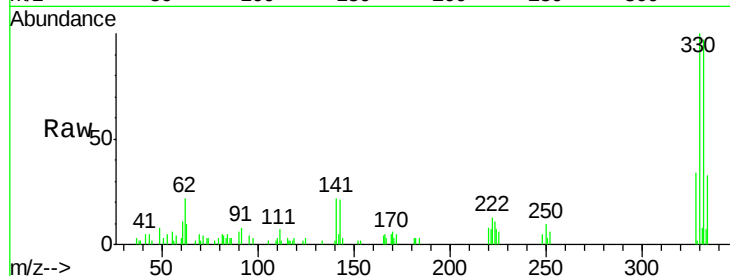




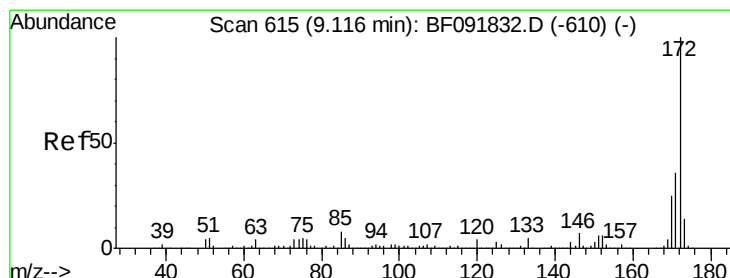
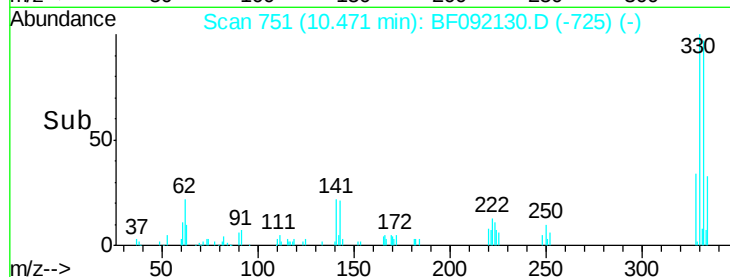
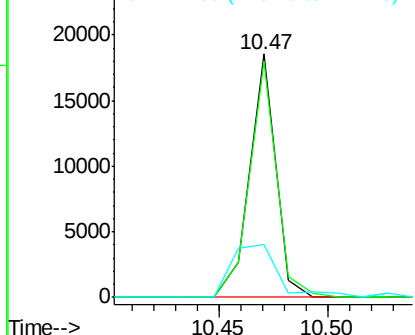
#41
 2,4,6-Tribromophenol
 Concen: 7.72 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092130.D
 Acq: 6 Jan 2017 21:22

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP2

Tot Ion:330 Resp: 15471
 Ion Ratio Lower Upper
 330 100
 332 100.2 77.4 116.2
 141 40.2 34.1 51.1

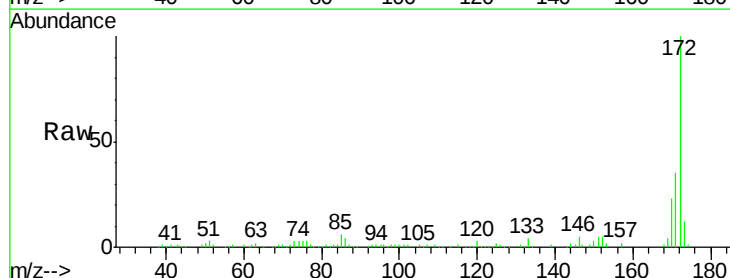


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

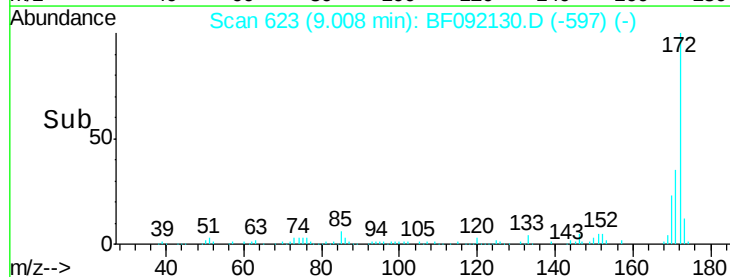
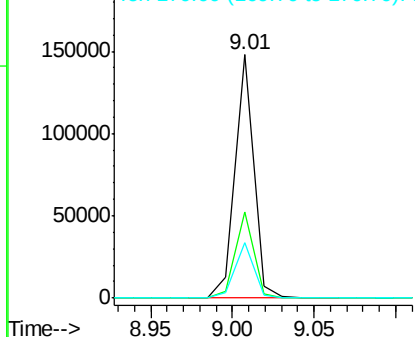


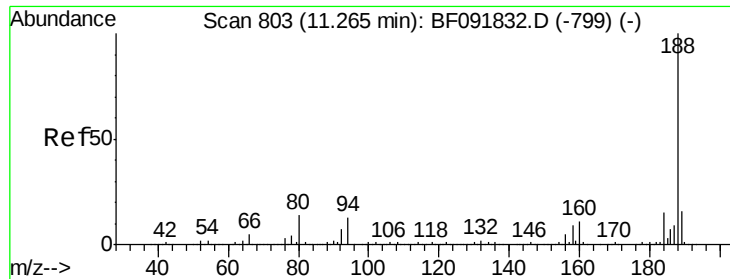
#44
 2-Fluorobiphenyl
 Concen: -3.64 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092130.D
 Acq: 6 Jan 2017 21:22

Tgt Ion:172 Resp: 115981
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.4 44.0
 170 22.5 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

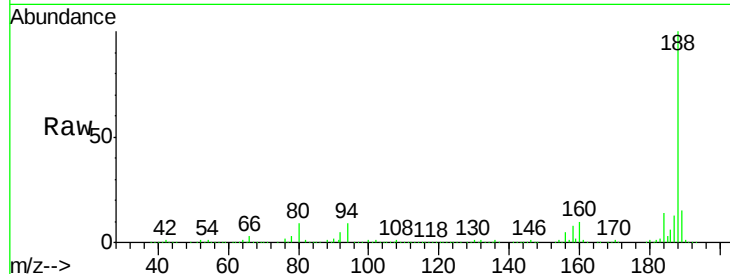




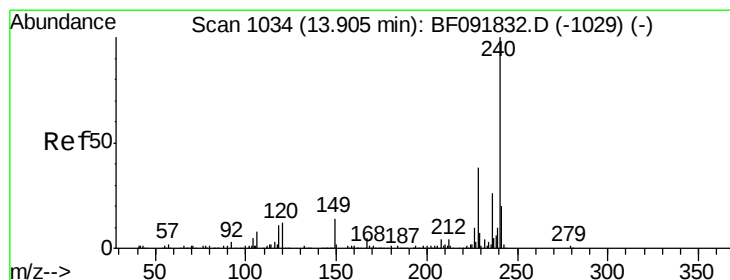
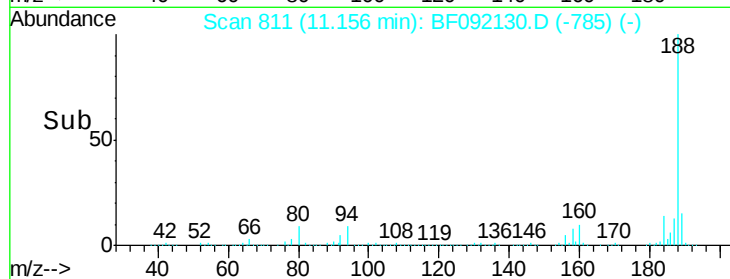
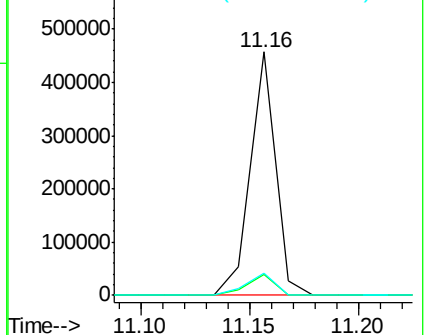
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092130.D
Acq: 6 Jan 2017 21:22

Instrument :
BNA_F
ClientSampleId :
RAP-SP2

Tot Ion:188 Resp: 370338
Ion Ratio Lower Upper
188 100
94 8.6 10.0 15.0#
80 9.3 11.2 16.8#

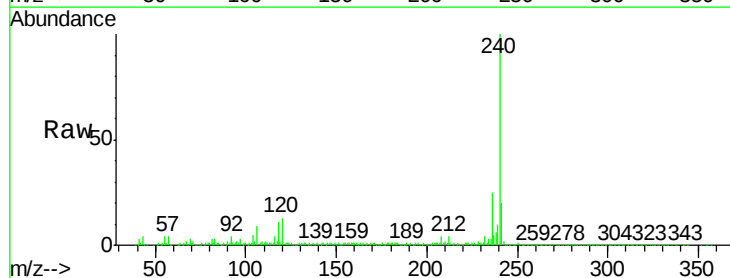


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

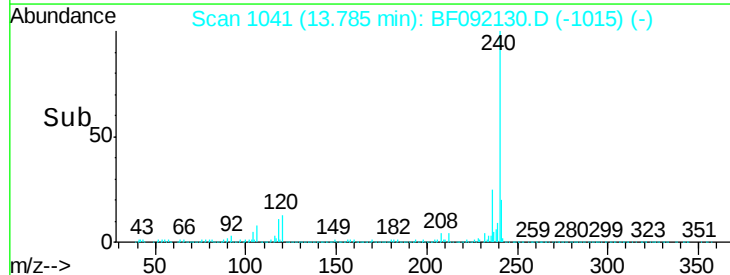
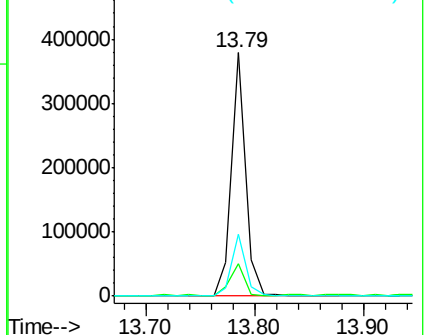


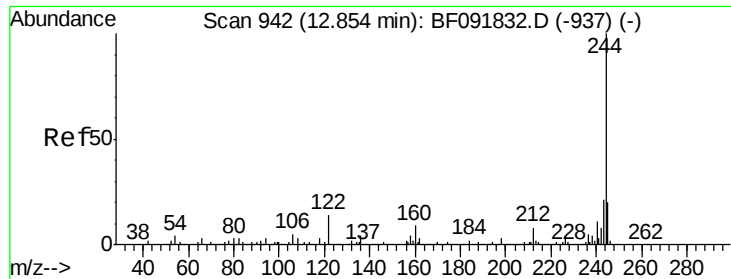
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF092130.D
Acq: 6 Jan 2017 21:22

Tgt Ion:240 Resp: 338099
Ion Ratio Lower Upper
240 100
120 13.1 12.9 19.3
236 25.4 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

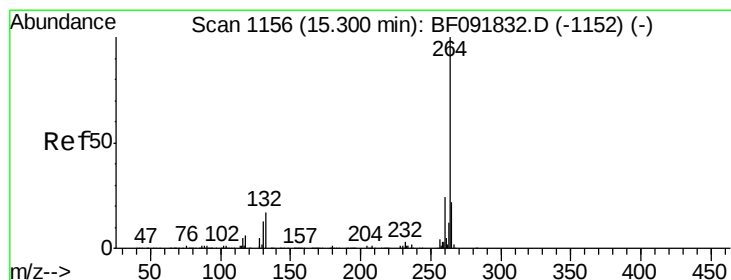
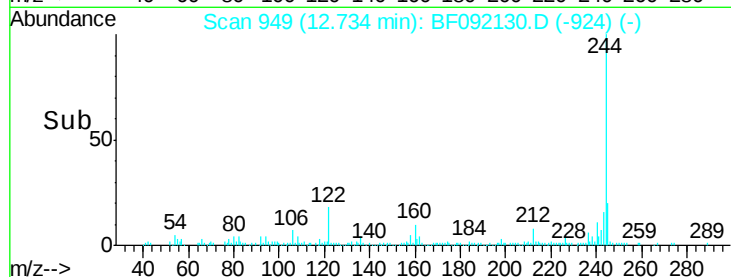
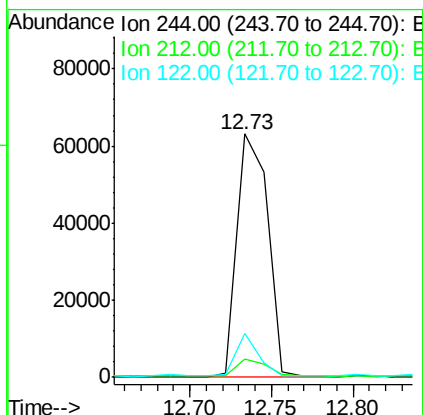
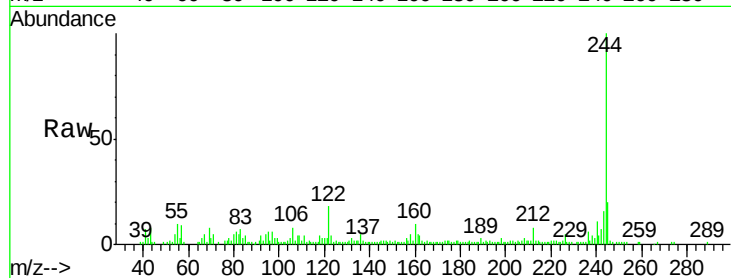




#78
 Terphenyl-d14
 Concen: 5.90 ng
 RT: 12.73 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF092130.D
 Acq: 6 Jan 2017 21:22

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP2

Tot Ion:244 Resp: 82198
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 18.1 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BF092130.D
 Acq: 6 Jan 2017 21:22

Tgt Ion:264 Resp: 248834
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 23.1 17.4 26.0

