

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092835.D
 Acq On : 7 Feb 2017 18:29
 Operator : SJ/MA
 Sample : I1692-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMP

Quant Time: Feb 08 00:14:26 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 23:52:21 2017
 Response via : Initial Calibration

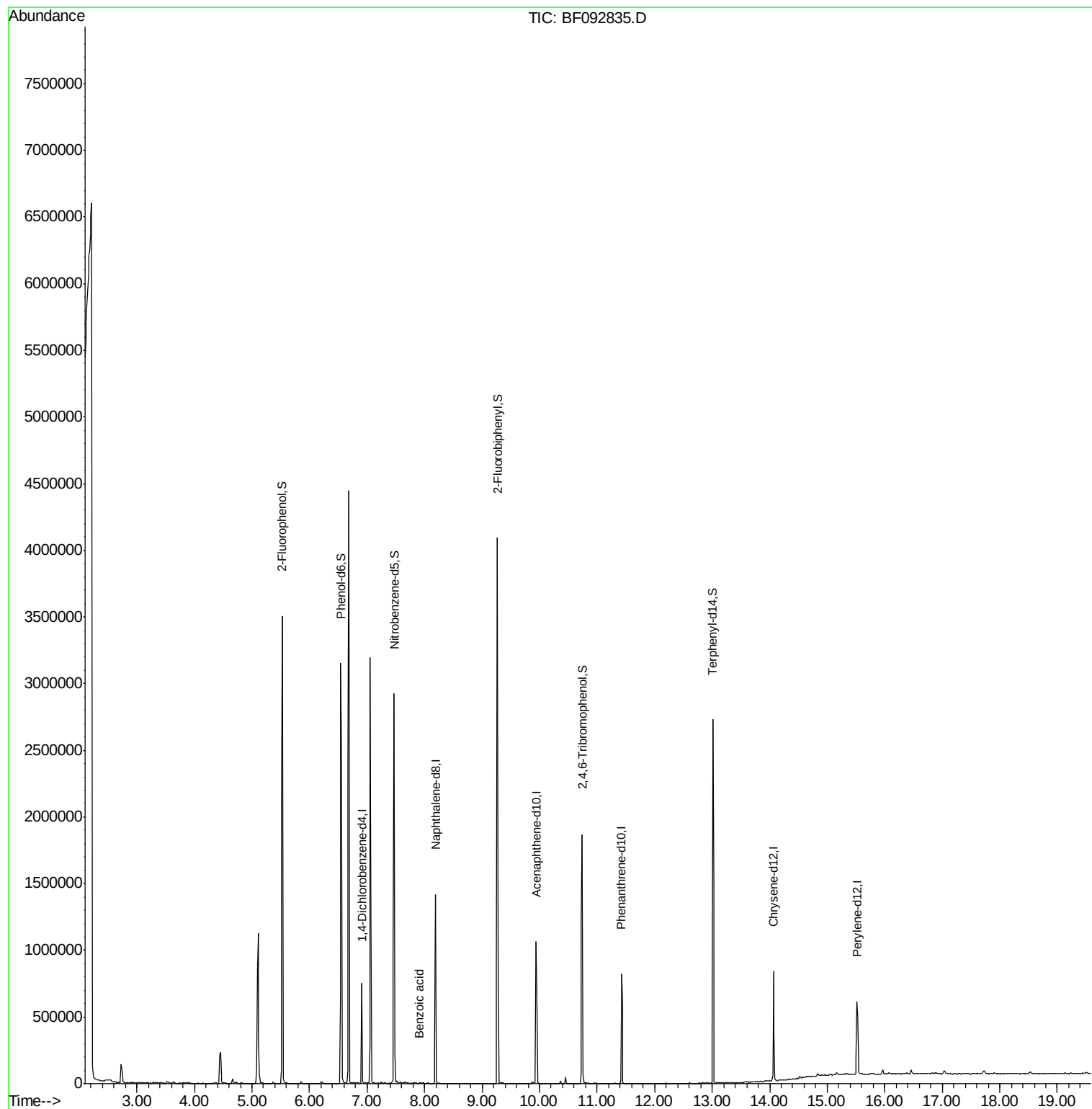
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	167221	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	599363	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	285945	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	400508	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	315681	20.00	ng	-0.01
86) Perylene-d12	15.52	264	274277	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1126507	115.58	ng	0.02
7) Phenol-d6	6.54	99	1577047	125.75	ng	0.00
23) Nitrobenzene-d5	7.47	82	942814	87.60	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	269505	130.31	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1382814	87.61	ng	0.00
78) Terphenyl-d14	13.01	244	1039519	77.37	ng	-0.01
Target Compounds						
32) Benzoic acid	7.92	122	713	7.28	ng	Qvalue 94

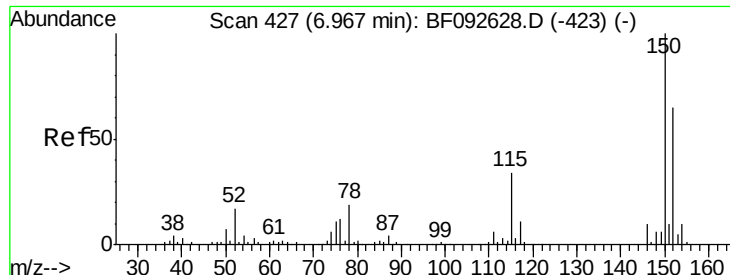
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092835.D
Acq On : 7 Feb 2017 18:29
Operator : SJ/MA
Sample : I1692-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMP

Quant Time: Feb 08 00:14:26 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 23:52:21 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: BF092835.D

Acq: 7 Feb 2017 18:29

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-40-COMP

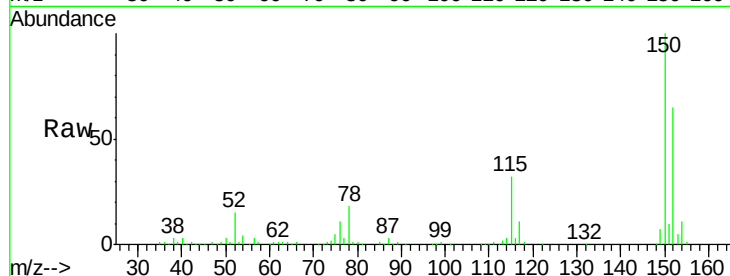
Tot Ion:152 Resp: 167221

Ion Ratio Lower Upper

152 100

150 153.3 124.9 187.3

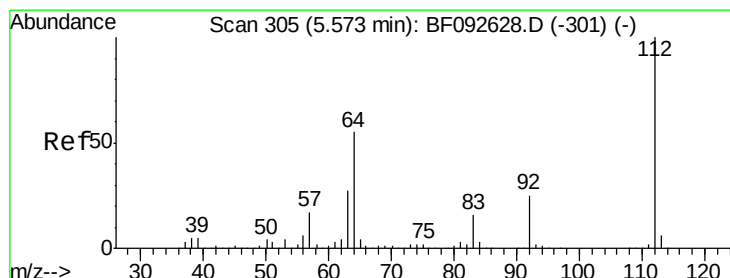
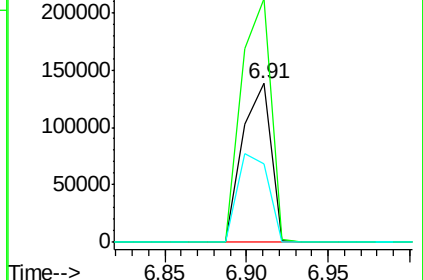
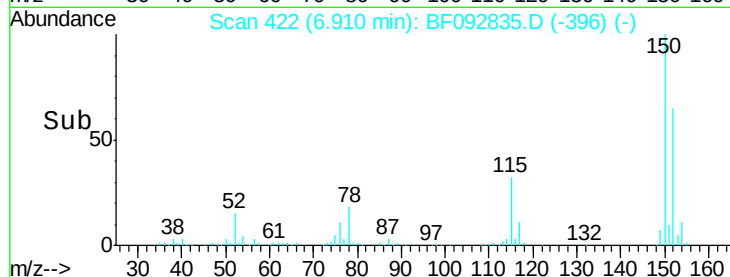
115 49.8 46.0 69.0



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: 115.58 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.02 min

Lab File: BF092835.D

Acq: 7 Feb 2017 18:29

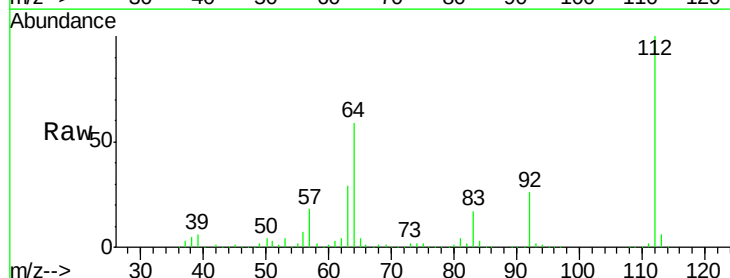
Tgt Ion:112 Resp: 1126507

Ion Ratio Lower Upper

112 100

64 58.7 46.1 69.1

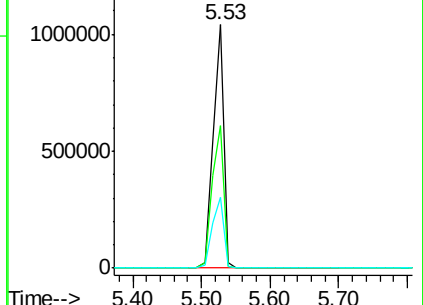
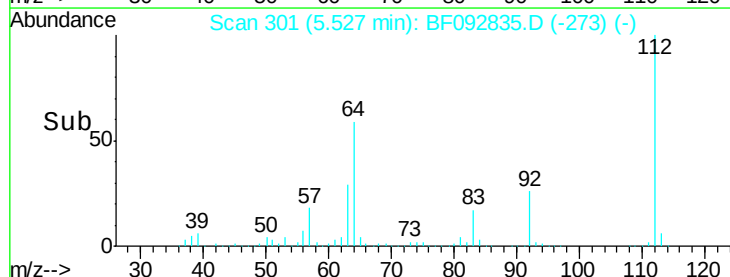
63 29.3 23.8 35.6

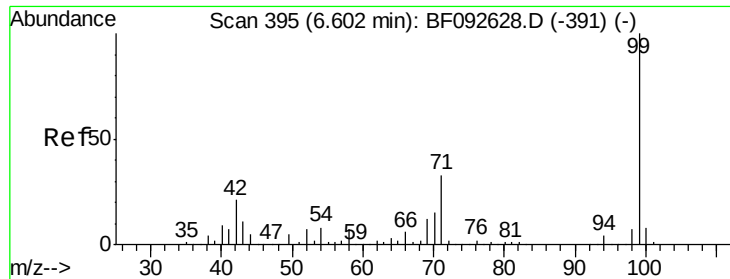


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.75 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF092835.D

Acq: 7 Feb 2017 18:29

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-40-COMP

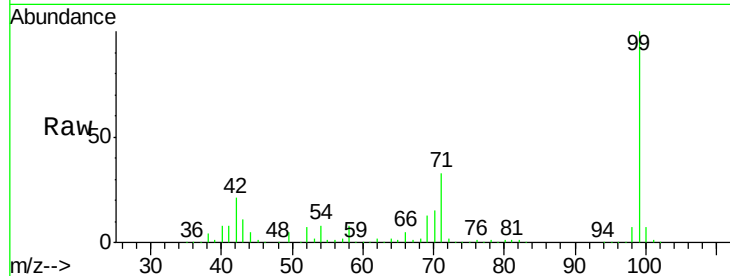
Tot Ion: 99 Resp: 1577047

Ion Ratio Lower Upper

99 100

42 21.4 15.6 23.4

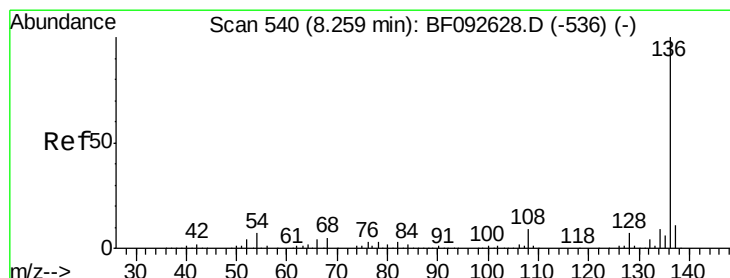
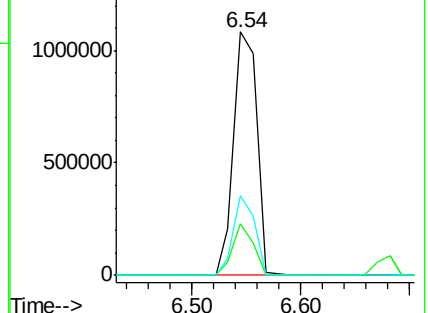
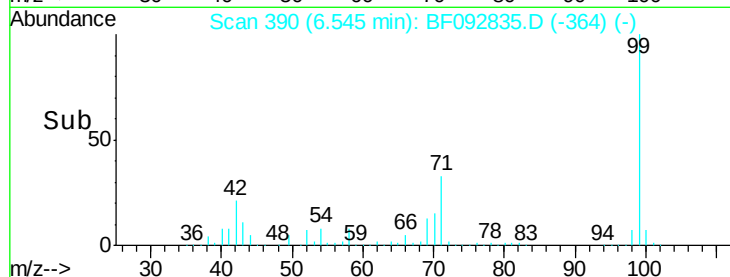
71 32.8 27.5 41.3



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. 0.00 min

Lab File: BF092835.D

Acq: 7 Feb 2017 18:29

Tgt Ion: 136 Resp: 599363

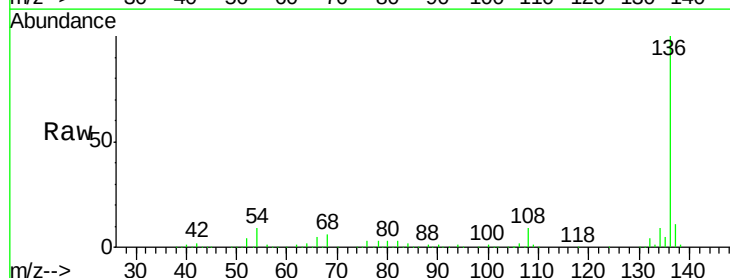
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 9.2 4.5 6.7#

68 5.9 3.6 5.4#

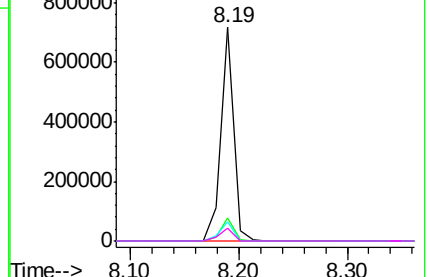
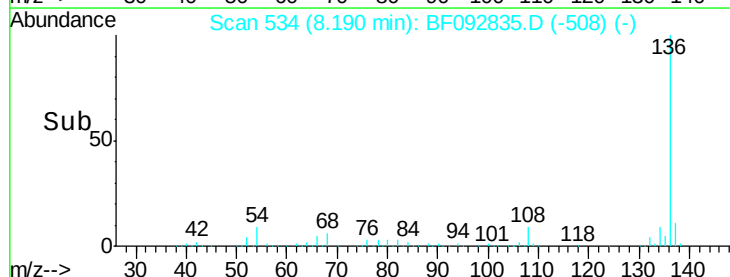


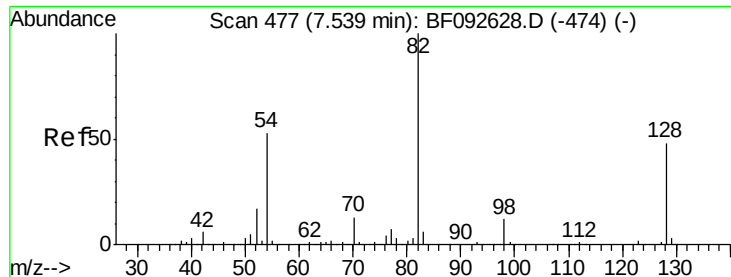
Abundance Ion 136.00 (135.70 to 136.70): E

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

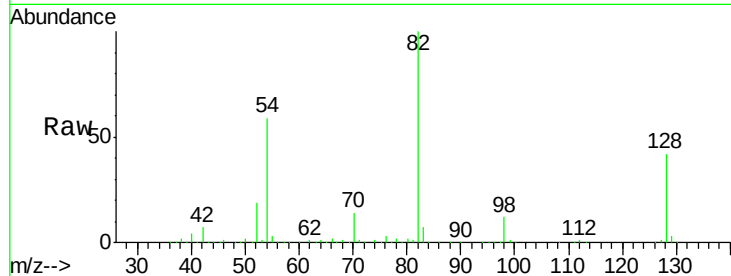




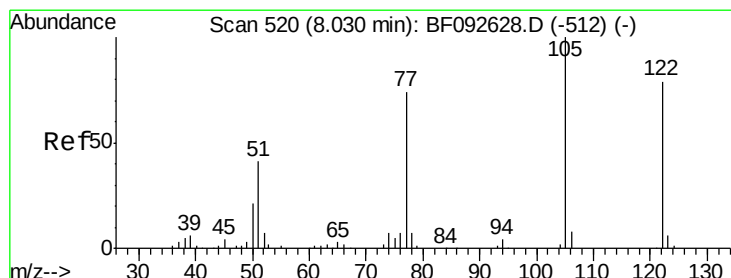
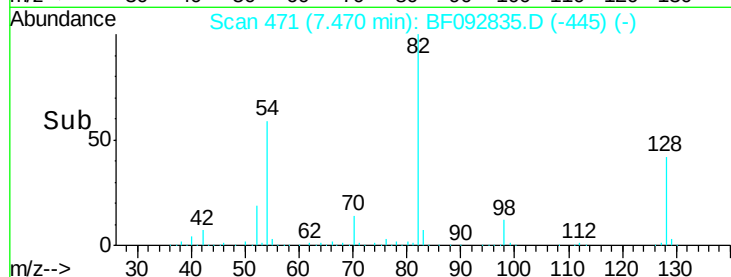
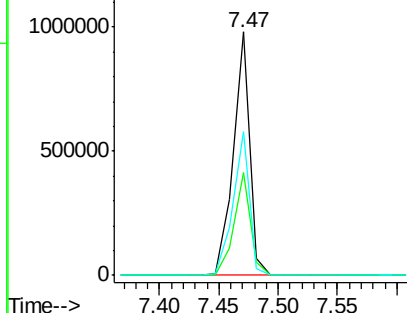
#23
 Nitrobenzene-d5
 Concen: 87.60 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF092835.D
 Acq: 7 Feb 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMP

Tot Ion: 82 Resp: 942814
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.6 52.0
 54 59.0 39.5 59.3

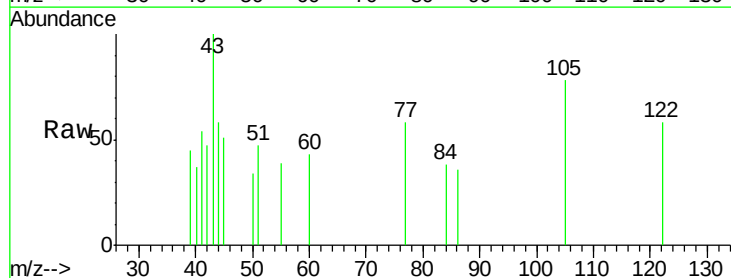


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

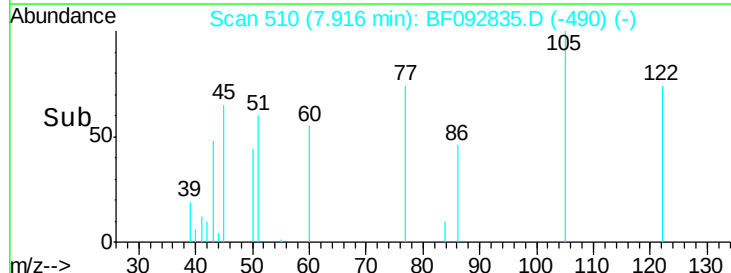
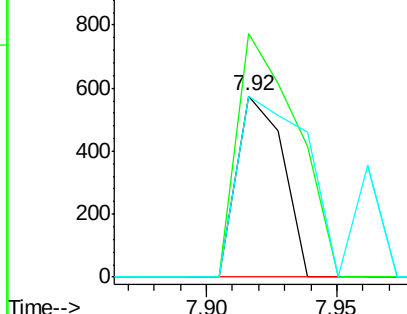


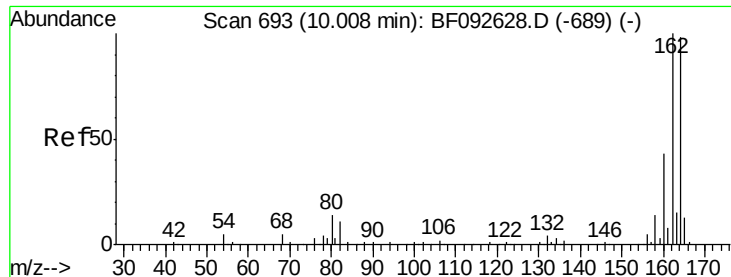
#32
 Benzoic acid
 Concen: 7.28 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.07 min
 Lab File: BF092835.D
 Acq: 7 Feb 2017 18:29

Tgt Ion: 122 Resp: 713
 Ion Ratio Lower Upper
 122 100
 105 134.4 107.2 147.2
 77 99.7 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): BF0
 Ion 105.00 (104.70 to 105.70): BF0
 Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF092835.D

Acq: 7 Feb 2017 18:29

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-40-COMP

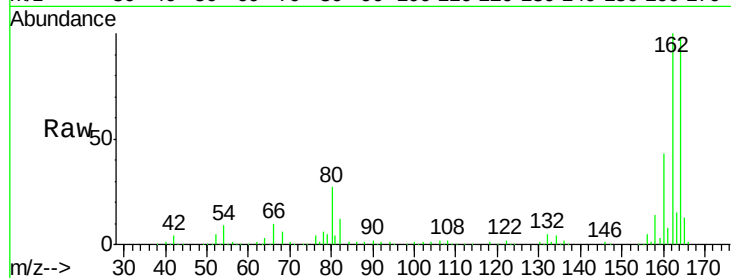
Tot Ion:164 Resp: 285945

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

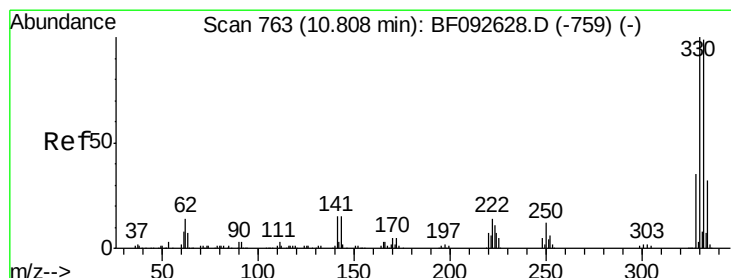
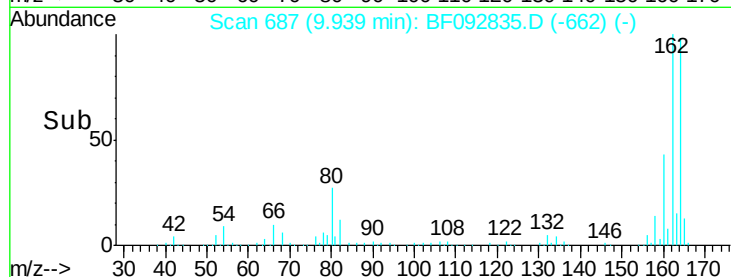
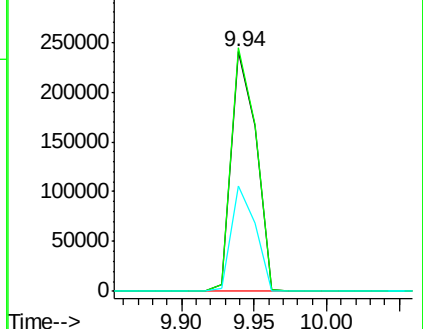
160 43.8 36.9 55.3



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: 130.31 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF092835.D

Acq: 7 Feb 2017 18:29

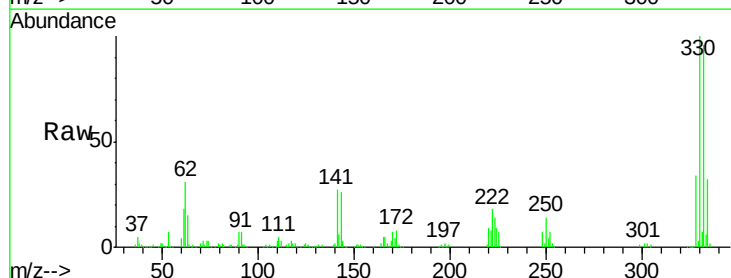
Tgt Ion:330 Resp: 269505

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

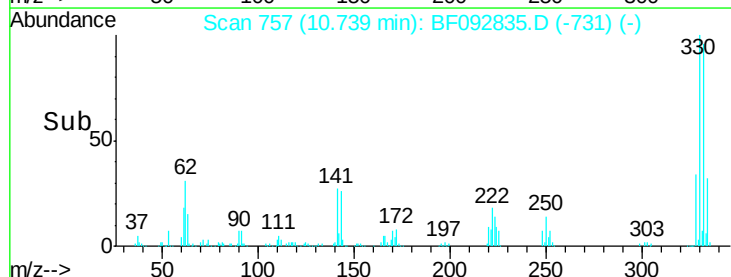
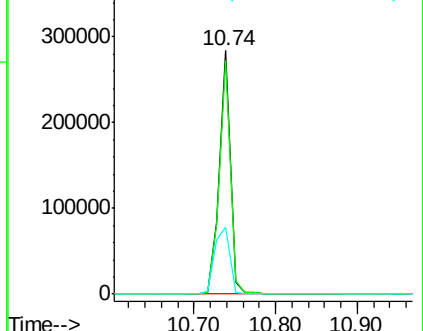
141 37.8 34.1 51.1

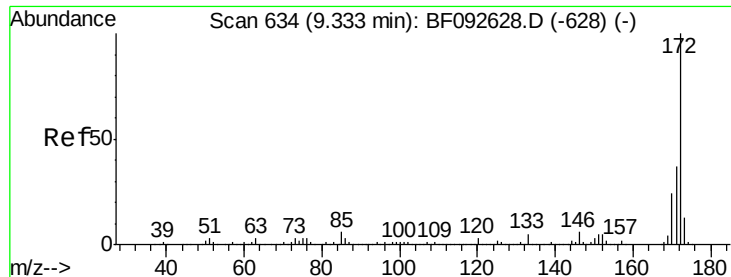


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

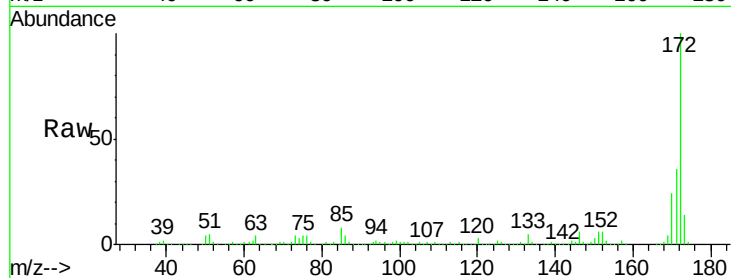




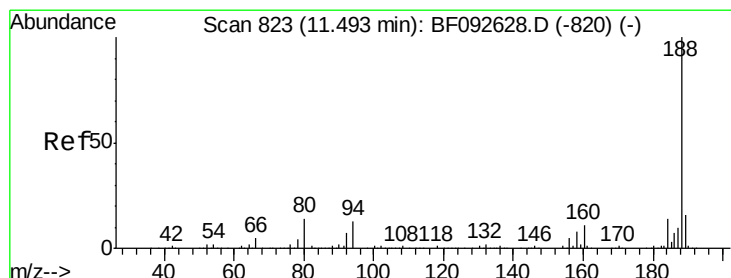
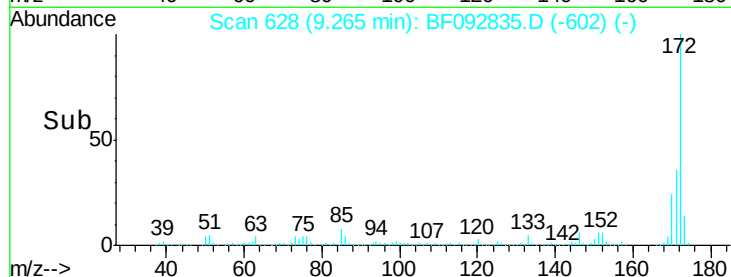
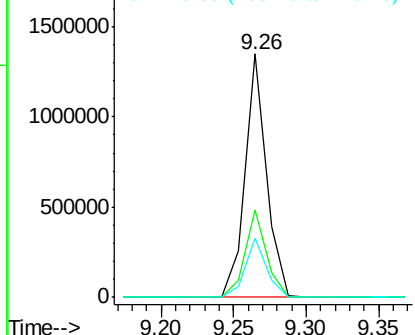
#44
2-Fluorobiphenyl
Concen: 87.61 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF092835.D
Acq: 7 Feb 2017 18:29

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMP

Tot Ion:172 Resp: 1382814
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.4 20.2 30.4

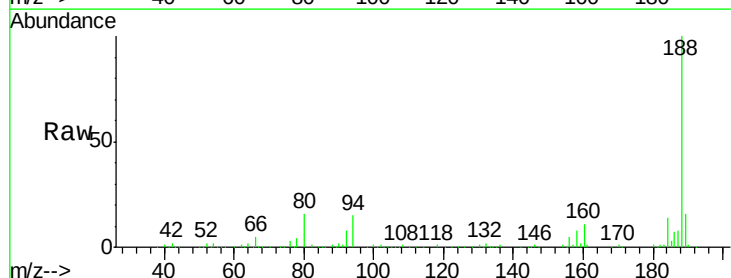


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

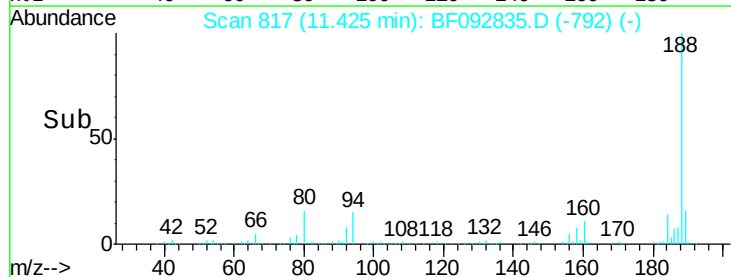
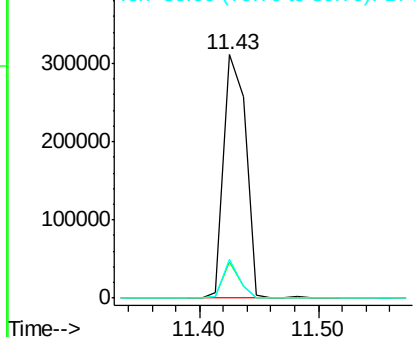


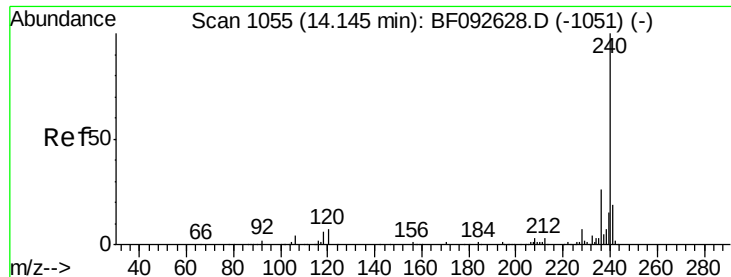
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF092835.D
Acq: 7 Feb 2017 18:29

Tgt Ion:188 Resp: 400508
Ion Ratio Lower Upper
188 100
94 14.7 10.0 15.0
80 15.8 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: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF092835.D

Acq: 7 Feb 2017 18:29

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-40-COMP

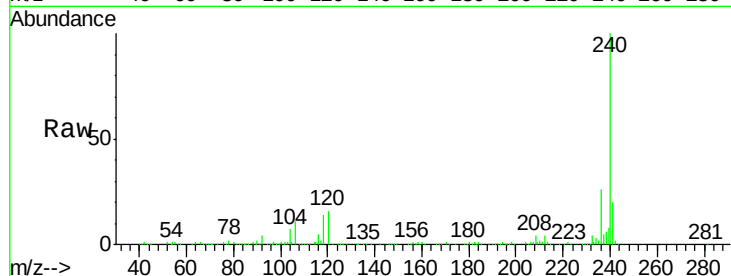
Tot Ion:240 Resp: 315681

Ion Ratio Lower Upper

240 100

120 16.4 12.9 19.3

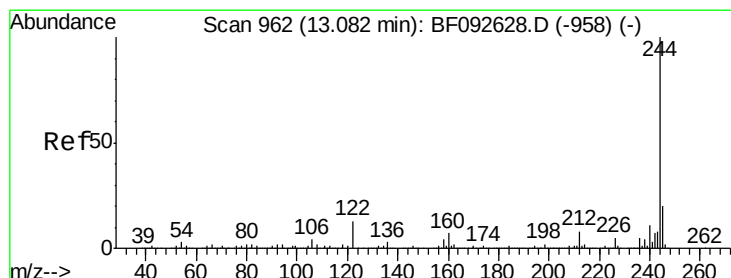
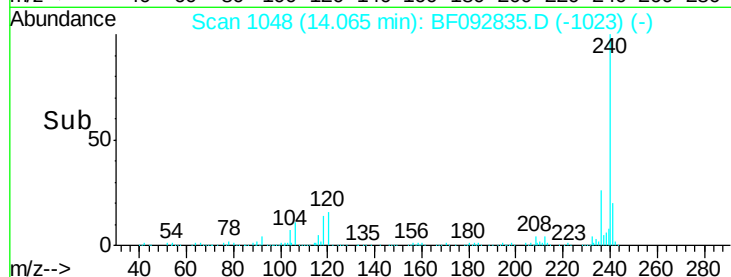
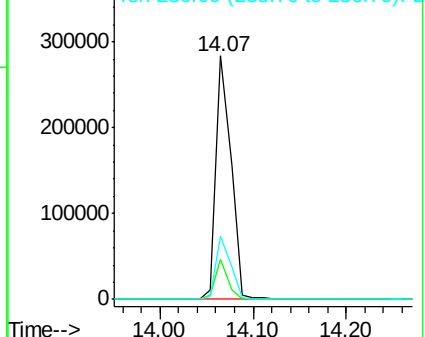
236 25.9 20.9 31.3



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: 77.37 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF092835.D

Acq: 7 Feb 2017 18:29

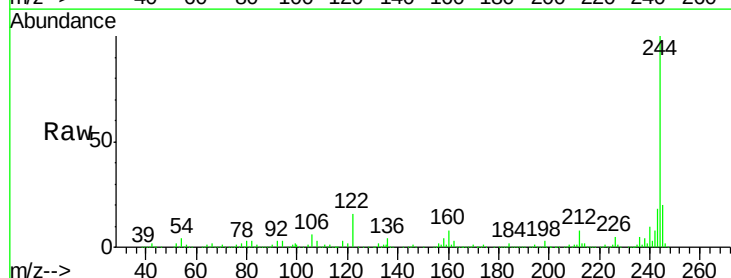
Tgt Ion:244 Resp: 1039519

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

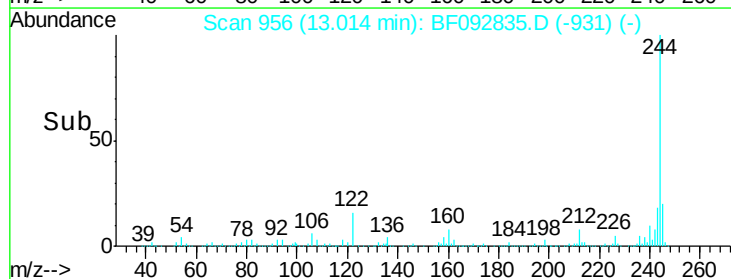
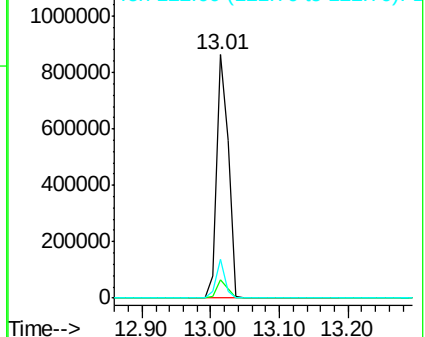
122 16.1 11.4 17.2

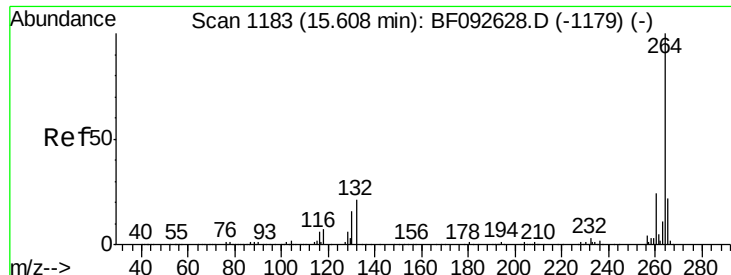


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

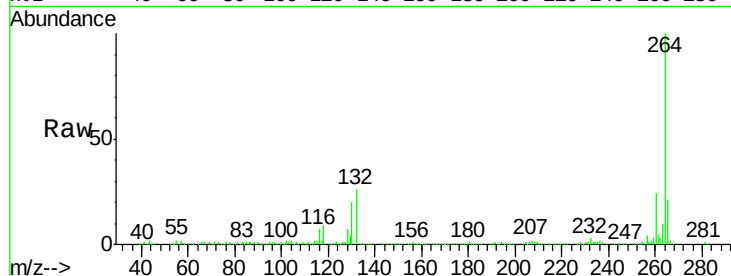




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF092835.D
 Acq: 7 Feb 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	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

