

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
 Data File : BF092793.D
 Acq On : 3 Feb 2017 23:28
 Operator : SJ/MA
 Sample : I1685-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N-1A

Quant Time: Feb 04 00:53:01 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

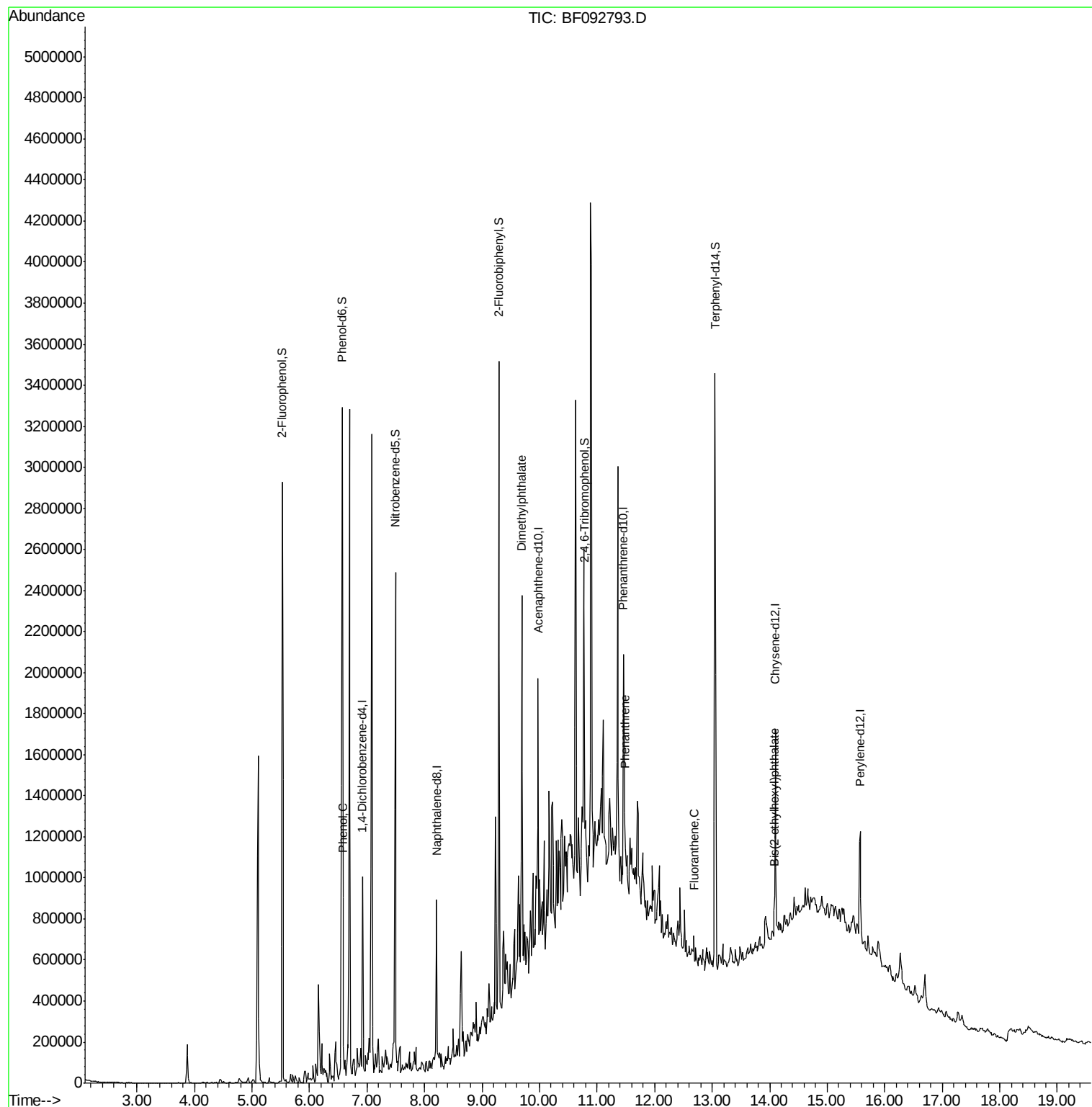
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	124883	20.00	ng	-0.05
21) Naphthalene-d8	8.21	136	491257	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	282749	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	433523	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	362310	20.00	ng	-0.05
86) Perylene-d12	15.57	264	310740	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1019710	140.09	ng	-0.04
7) Phenol-d6	6.57	99	1246603	133.10	ng	-0.03
23) Nitrobenzene-d5	7.49	82	892753	101.20	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	324614	158.73	ng	-0.03
44) 2-Fluorobiphenyl	9.29	172	1361196	87.22	ng	-0.05
78) Terphenyl-d14	13.05	244	1205722	78.19	ng	-0.03
Target Compounds						
10) Phenol	6.58	94	103236	9.42	ng	# 77
49) Dimethylphthalate	9.69	163	128994	6.77	ng	# 99
70) Phenanthrene	11.48	178	123333	4.97	ng	# 93
74) Fluoranthene	12.68	202	53901	2.10	ng	# 92
83) Bis(2-ethylhexyl)phthalate	14.08	149	42485	2.82	ng	# 96

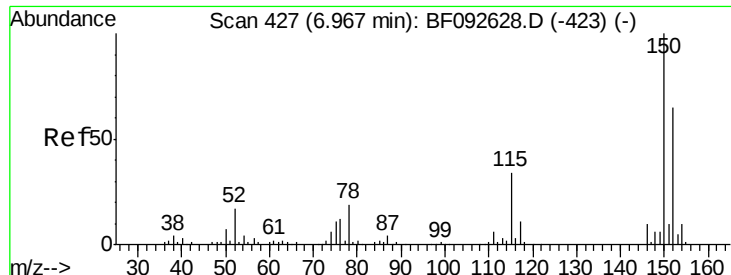
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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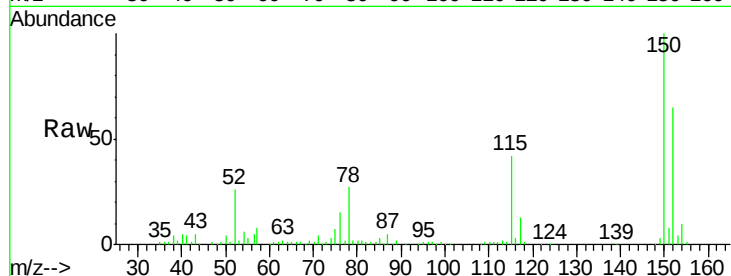


#1

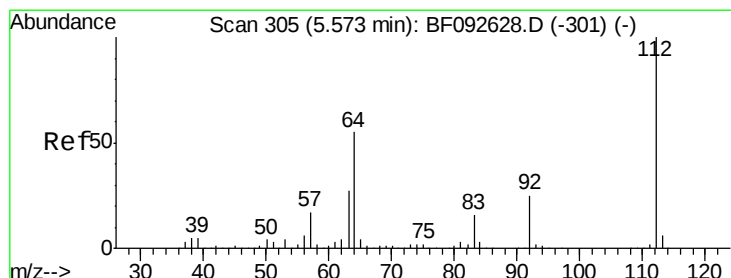
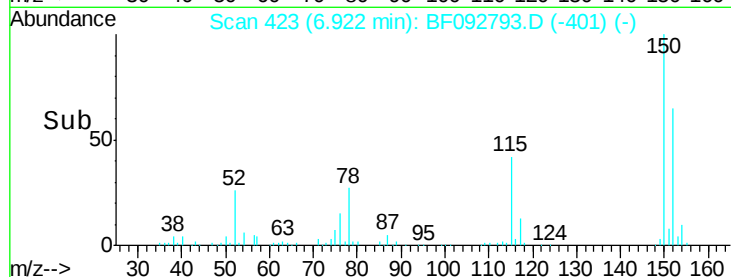
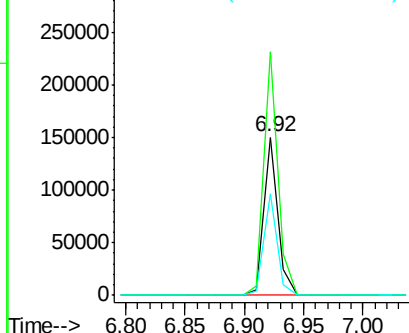
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.05 min
 Lab File: BF092793.D
 Acq: 3 Feb 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 N-1A

Tgt Ion:152 Resp: 124883
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.9 187.3
 115 63.9 46.0 69.0



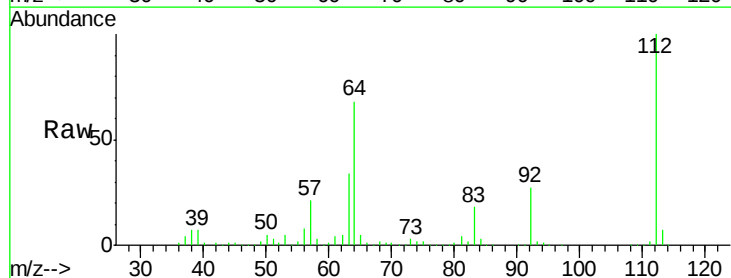
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



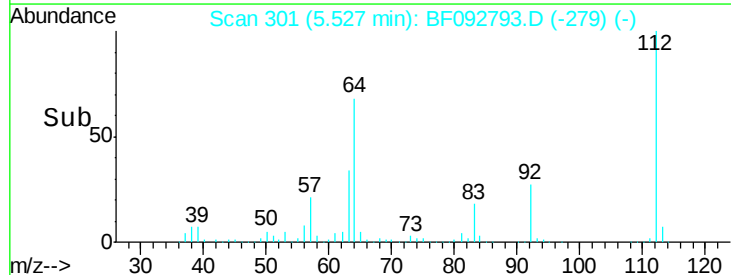
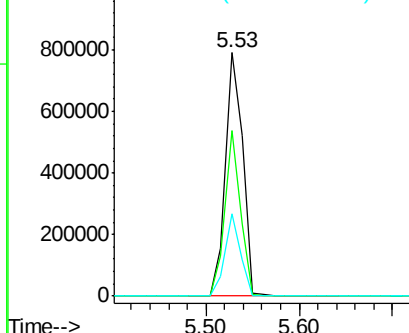
#5

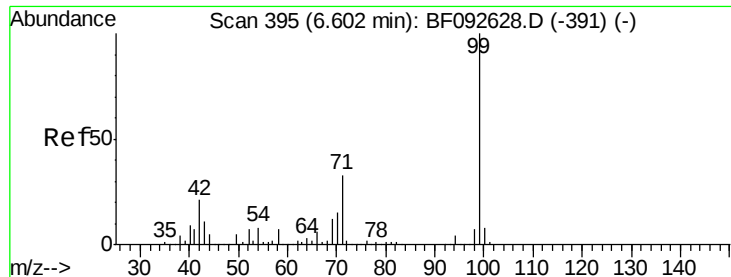
2-Fluorophenol
 Concen: 140.09 ng
 RT: 5.53 min Scan# 301
 Delta R.T. -0.04 min
 Lab File: BF092793.D
 Acq: 3 Feb 2017 23:28

Tgt Ion:112 Resp: 1019710
 Ion Ratio Lower Upper
 112 100
 64 68.0 46.1 69.1
 63 33.9 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: 133.10 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092793.D

Acq: 3 Feb 2017 23:28

Instrument :

BNA_F

ClientSampled :

N-1A

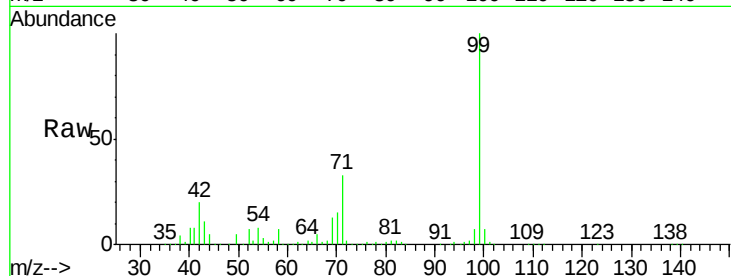
Tgt Ion: 99 Resp: 1246603

Ion Ratio Lower Upper

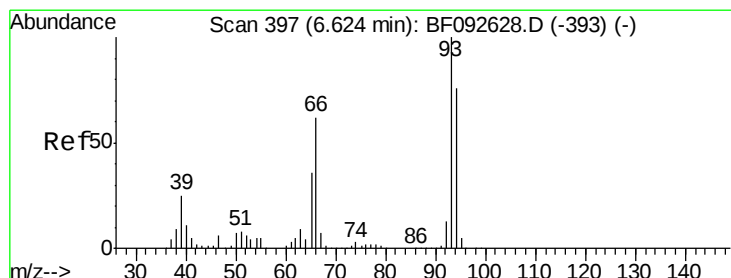
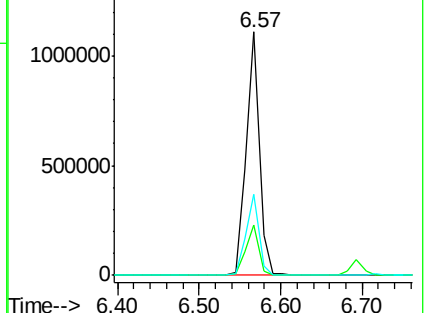
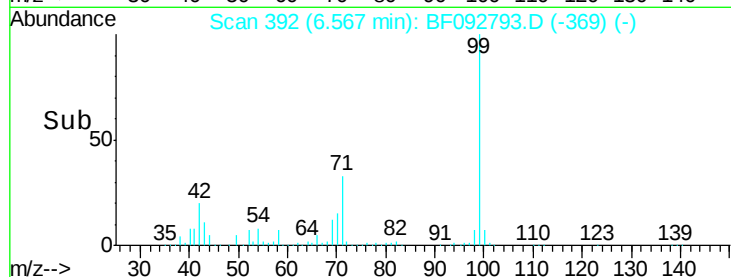
99 100

42 20.4 15.6 23.4

71 33.0 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



#10

Phenol

Concen: 9.42 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF092793.D

Acq: 3 Feb 2017 23:28

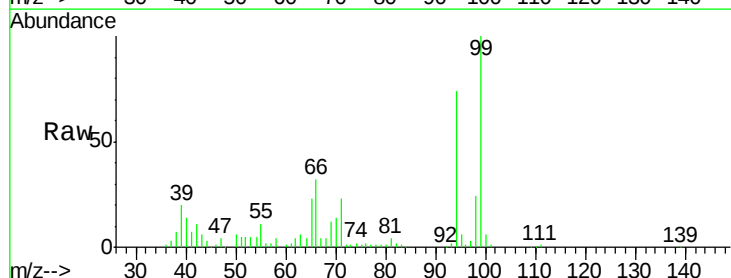
Tgt Ion: 94 Resp: 103236

Ion Ratio Lower Upper

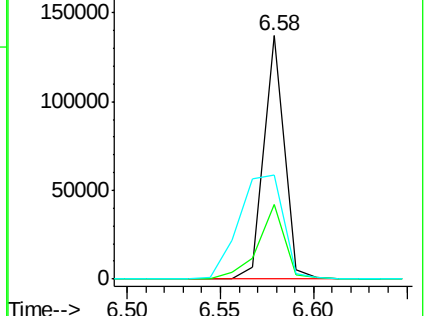
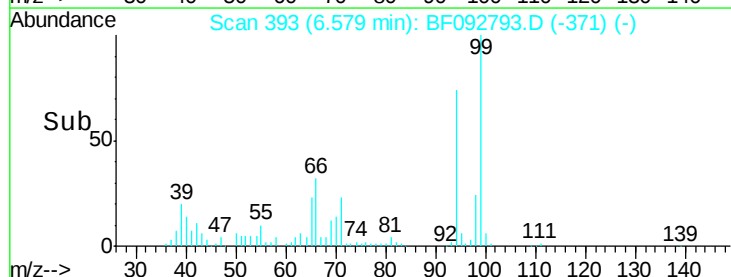
94 100

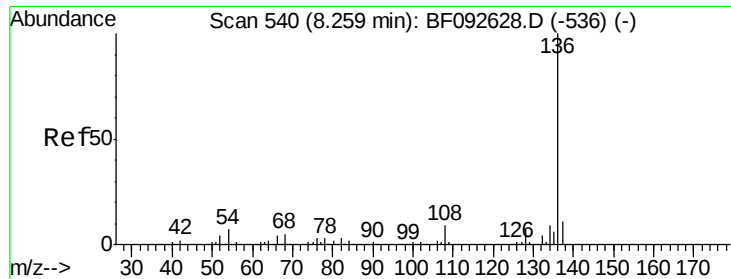
65 30.7 21.4 61.4

66 42.7 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.05 min

Lab File: BF092793.D

Acq: 3 Feb 2017 23:28

Instrument :

BNA_F

ClientSampleId :

N-1A

Tgt Ion:136 Resp: 491257

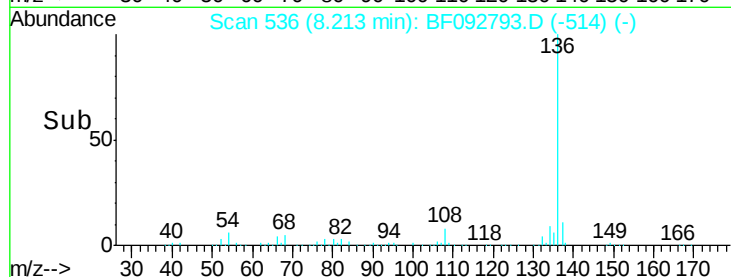
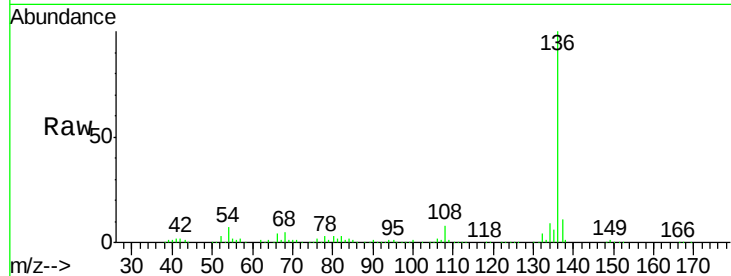
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 6.5 4.5 6.7

68 4.8 3.6 5.4

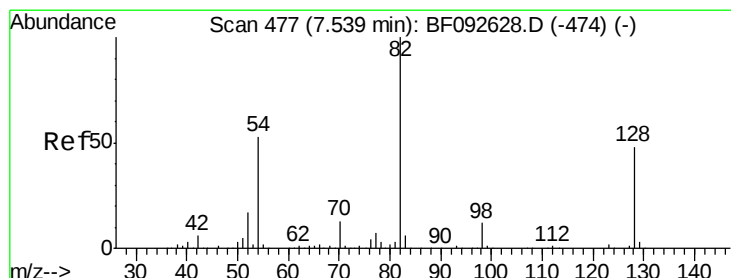
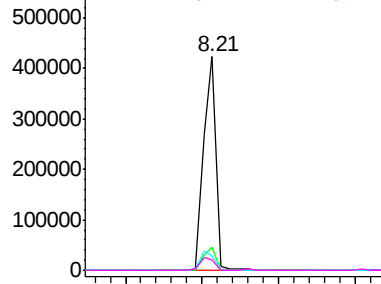


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.20 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.05 min

Lab File: BF092793.D

Acq: 3 Feb 2017 23:28

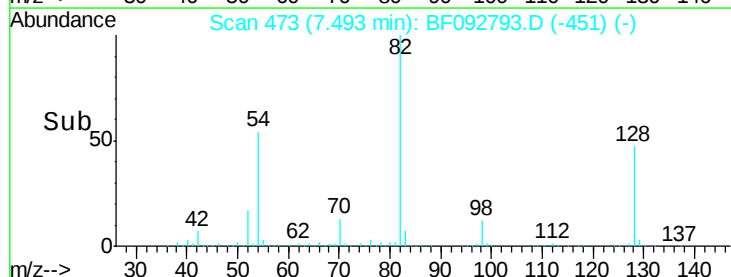
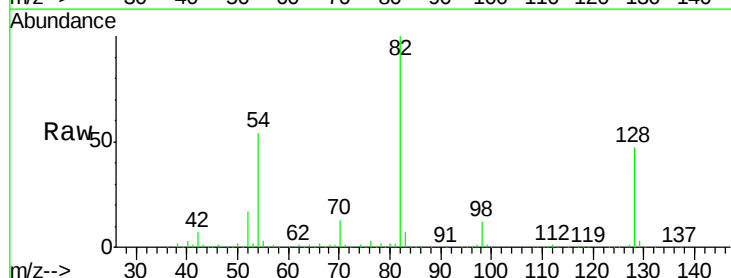
Tgt Ion: 82 Resp: 892753

Ion Ratio Lower Upper

82 100

128 47.2 34.6 52.0

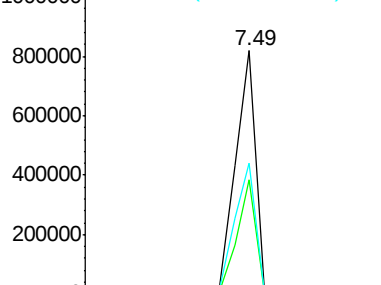
54 53.9 39.5 59.3

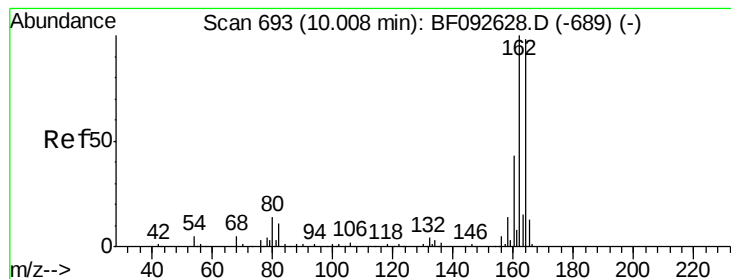


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.97 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF092793.D

Acq: 3 Feb 2017 23:28

Instrument :

BNA_F

ClientSampleId :

N-1A

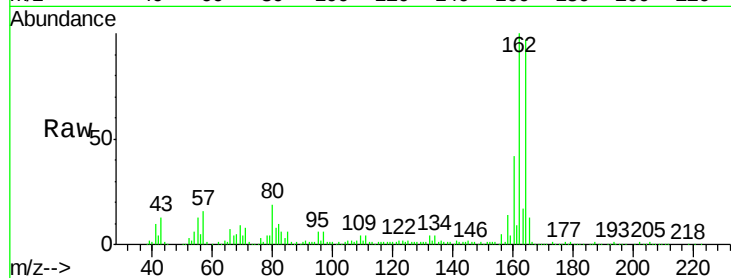
Tgt Ion:164 Resp: 282749

Ion Ratio Lower Upper

164 100

162 102.6 80.2 120.2

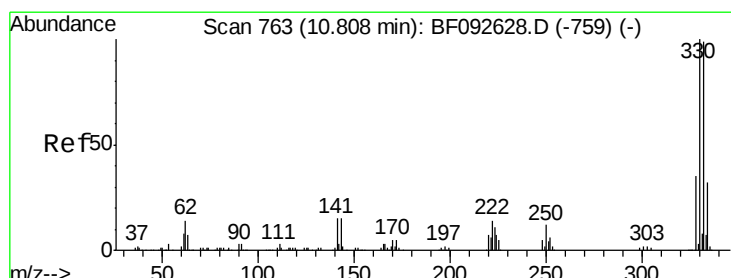
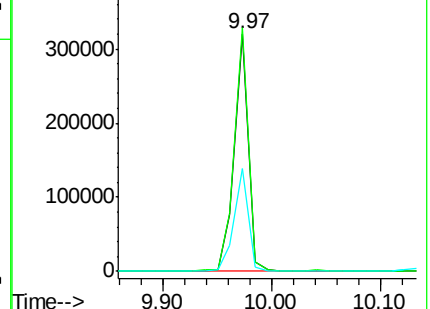
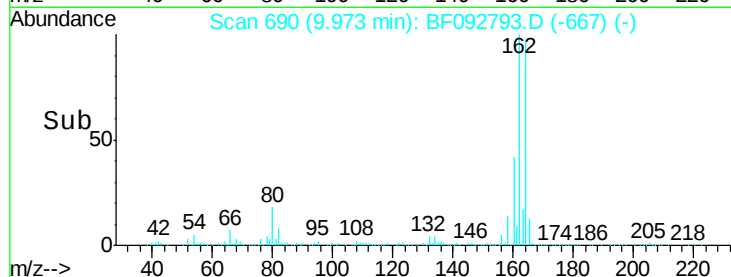
160 43.3 36.9 55.3



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: 158.73 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF092793.D

Acq: 3 Feb 2017 23:28

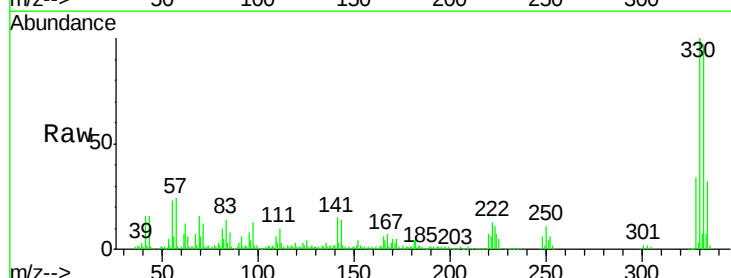
Tgt Ion:330 Resp: 324614

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.2

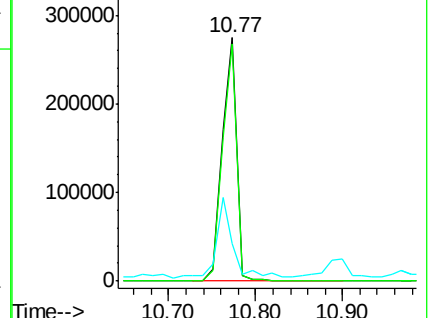
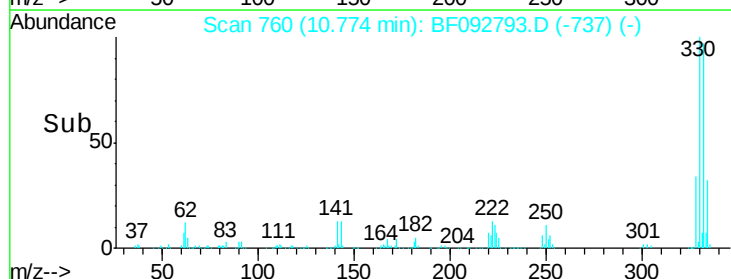
141 37.7 34.1 51.1

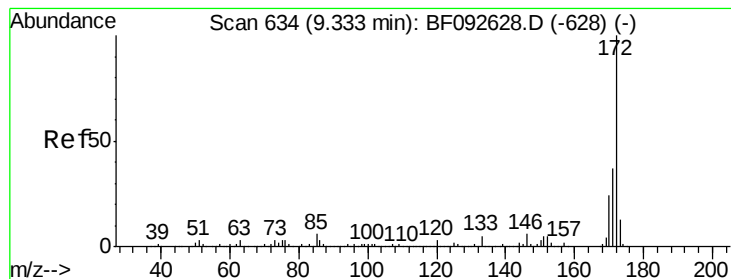


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

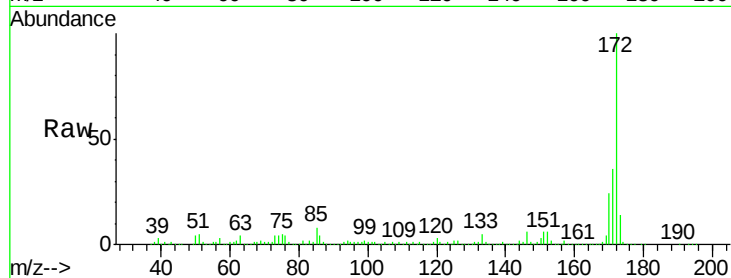




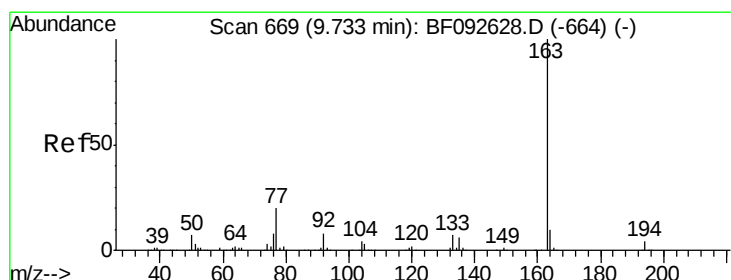
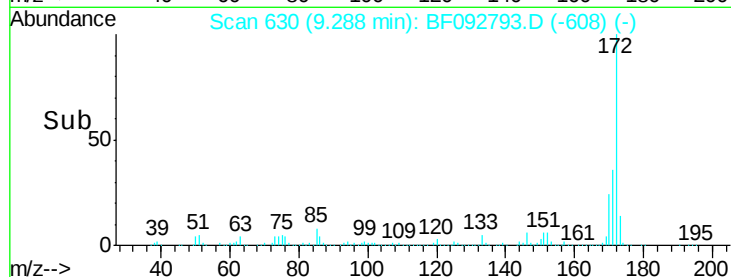
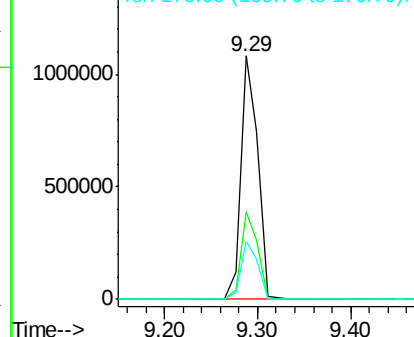
#44
2-Fluorobiphenyl
Concen: 87.22 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.05 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Instrument :
BNA_F
ClientSampleId :
N-1A

Tgt Ion:172 Resp: 1361196
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 24.1 20.2 30.4

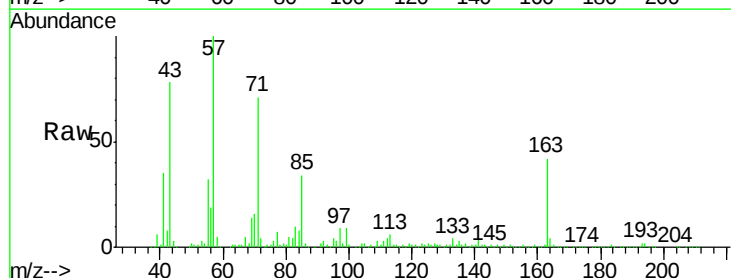


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

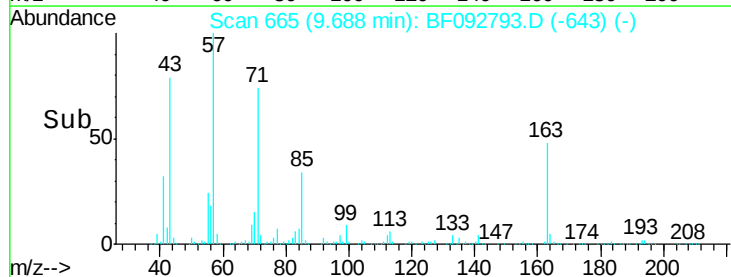
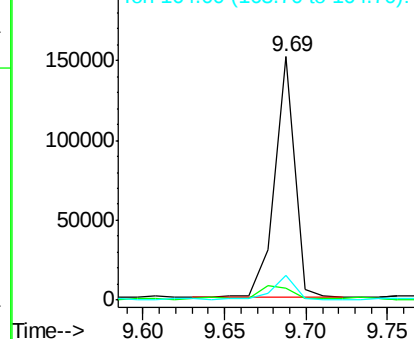


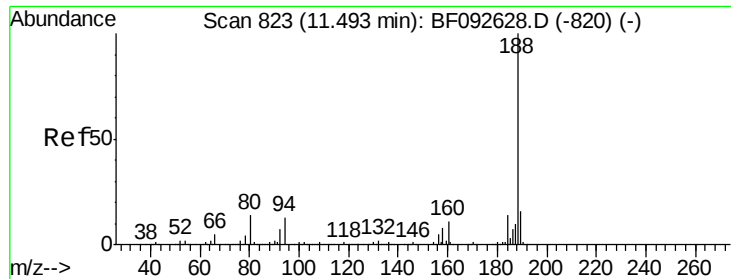
#49
Dimethylphthalate
Concen: 6.77 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Tgt Ion:163 Resp: 128994
Ion Ratio Lower Upper
163 100
194 5.1 3.0 4.4#
164 10.1 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

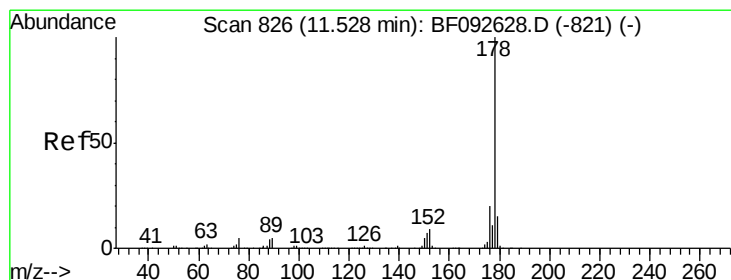
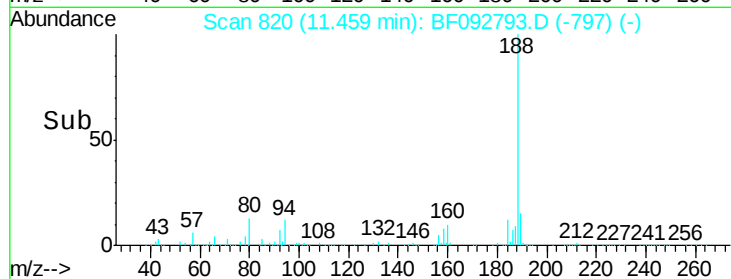
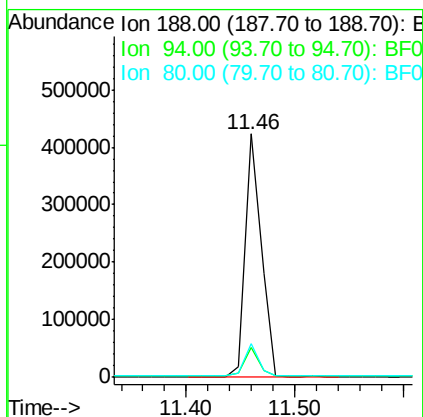
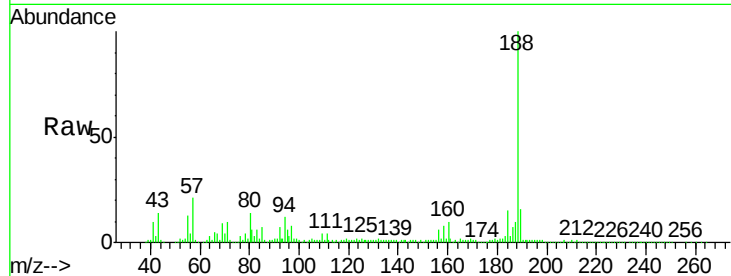




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

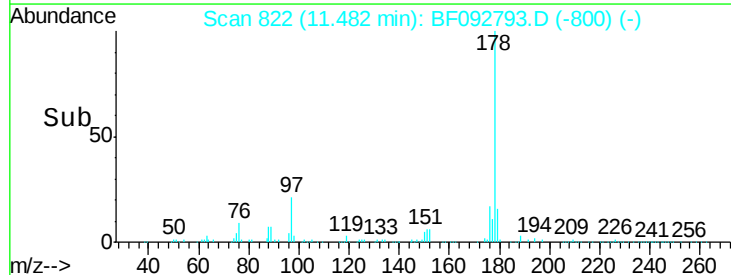
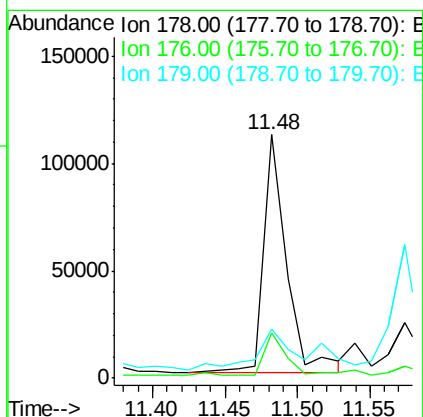
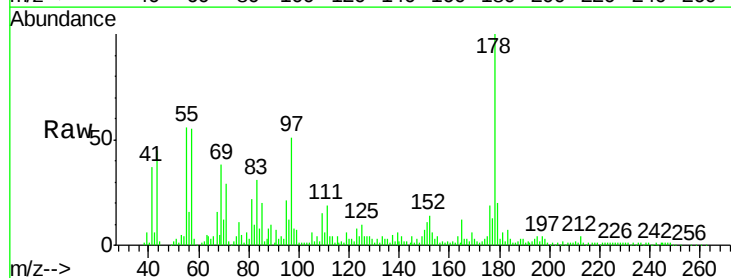
Instrument :
BNA_F
ClientSampled :
N-1A

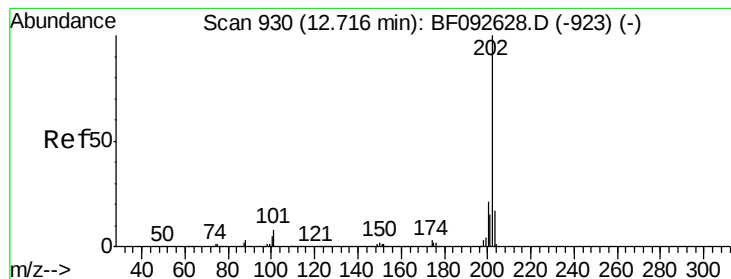
Tgt Ion:188 Resp: 433523
Ion Ratio Lower Upper
188 100
94 12.5 10.0 15.0
80 13.9 11.2 16.8



#70
Phenanthrene
Concen: 4.97 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.05 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Tgt Ion:178 Resp: 123333
Ion Ratio Lower Upper
178 100
176 18.5 16.6 25.0
179 20.1 12.8 19.2#





#74

Fluoranthene

Concen: 2.10 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.03 min

Lab File: BF092793.D

Acq: 3 Feb 2017 23:28

Instrument :

BNA_F

ClientSampleId :

N-1A

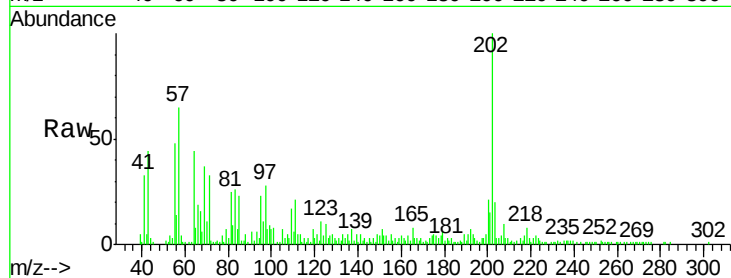
Tgt Ion:202 Resp: 53901

Ion Ratio Lower Upper

202 100

101 7.7 0.0 34.6

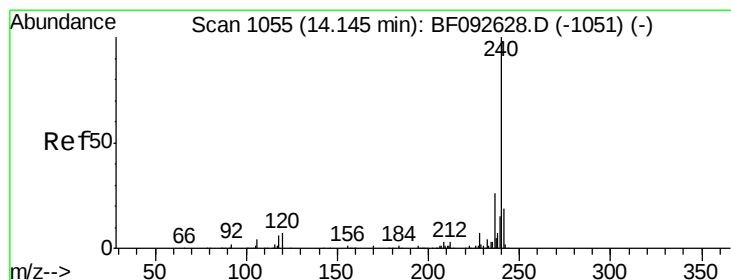
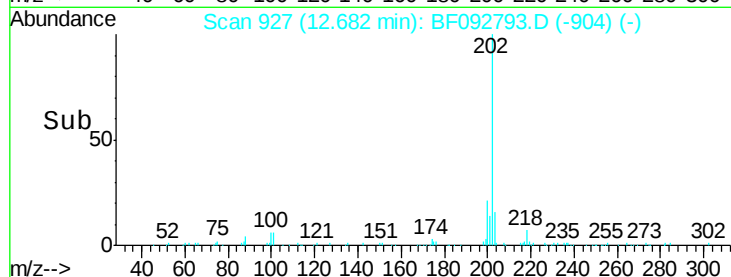
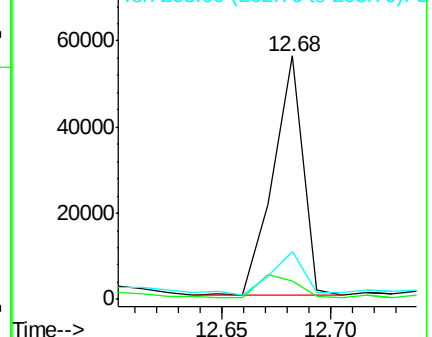
203 19.5 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092793.D

Acq: 3 Feb 2017 23:28

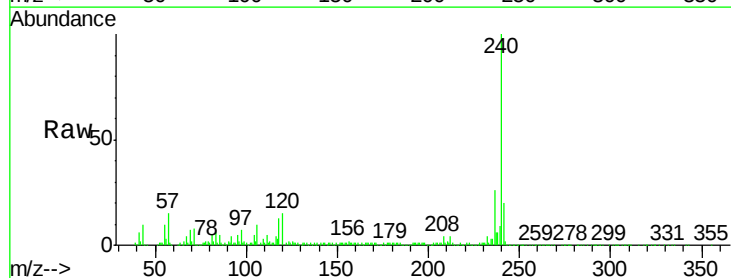
Tgt Ion:240 Resp: 362310

Ion Ratio Lower Upper

240 100

120 15.4 12.9 19.3

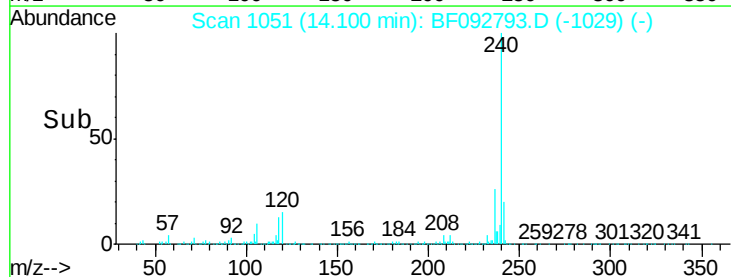
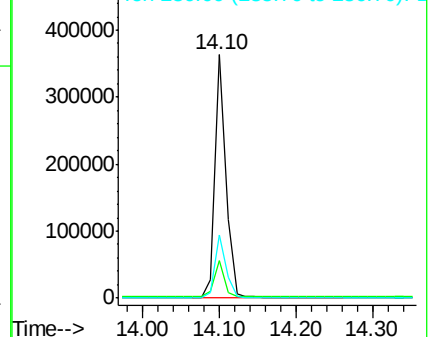
236 25.7 20.9 31.3

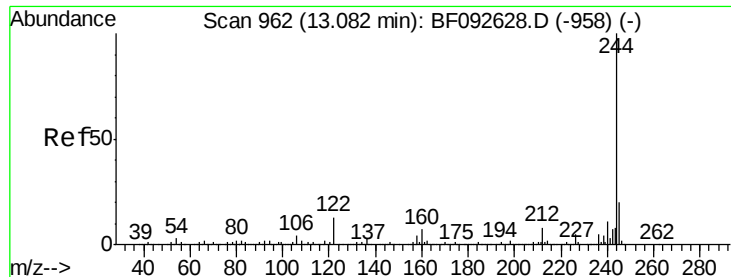


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

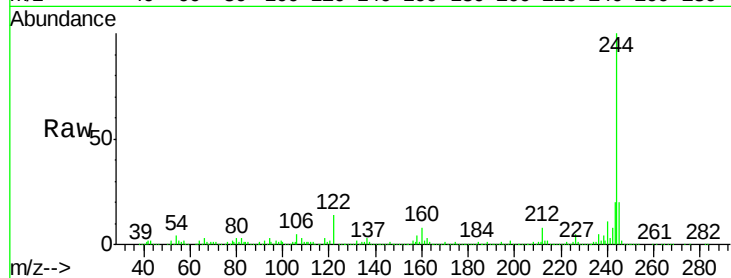




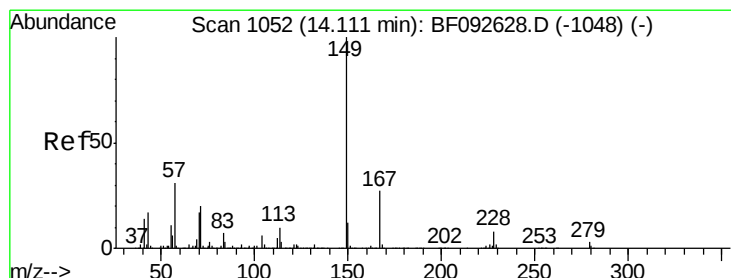
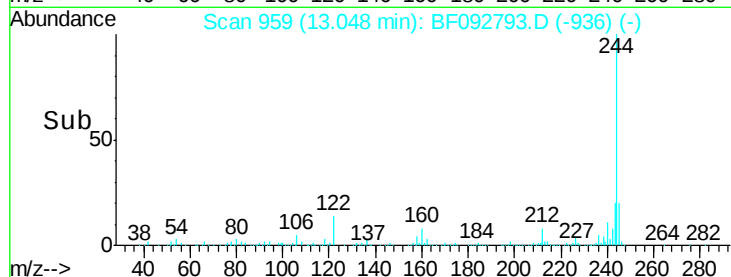
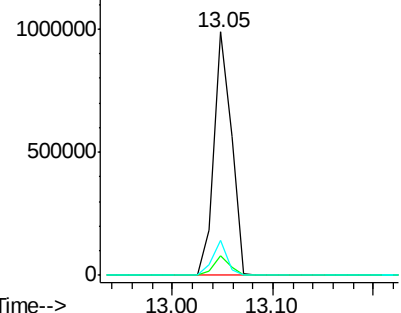
#78
 Terphenyl-d14
 Concen: 78.19 ng
 RT: 13.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF092793.D
 Acq: 3 Feb 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 N-1A

Tgt Ion:244 Resp: 1205722
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 14.4 11.4 17.2

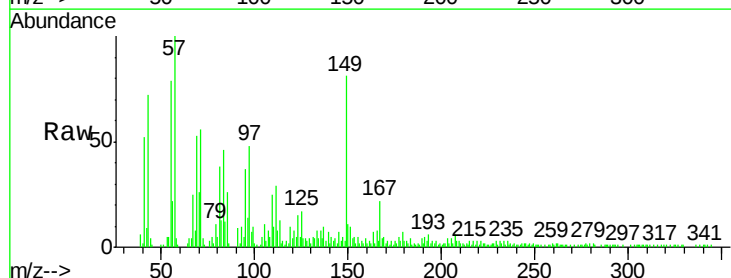


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

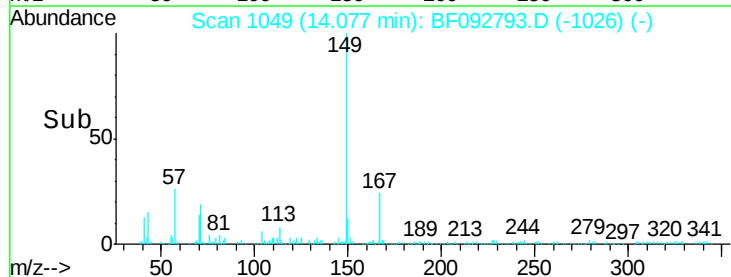
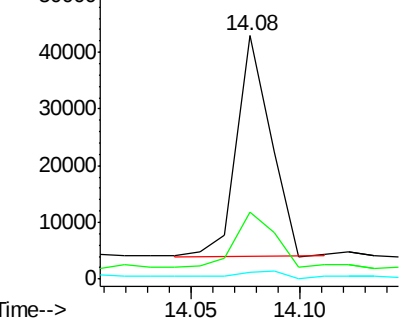


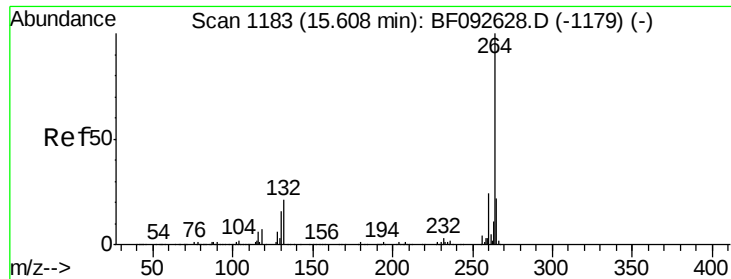
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.82 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.03 min
 Lab File: BF092793.D
 Acq: 3 Feb 2017 23:28

Tgt Ion:149 Resp: 42485
 Ion Ratio Lower Upper
 149 100
 167 27.5 20.2 30.4
 279 2.9 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



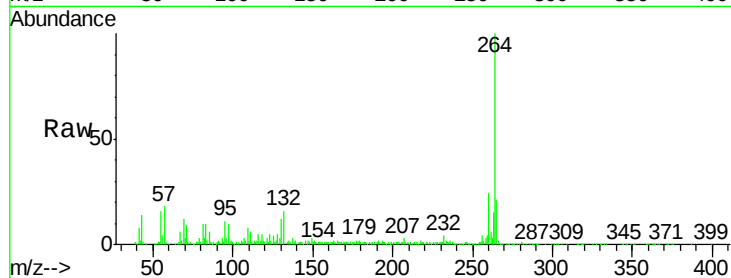


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Instrument :
BNA_F
ClientSampleId :
N-1A

Tgt Ion: 264 Resp: 310740

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	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

