

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092849.D
 Acq On : 8 Feb 2017 3:11
 Operator : SJ/MA
 Sample : I1709-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Quant Time: Feb 08 04:30:42 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

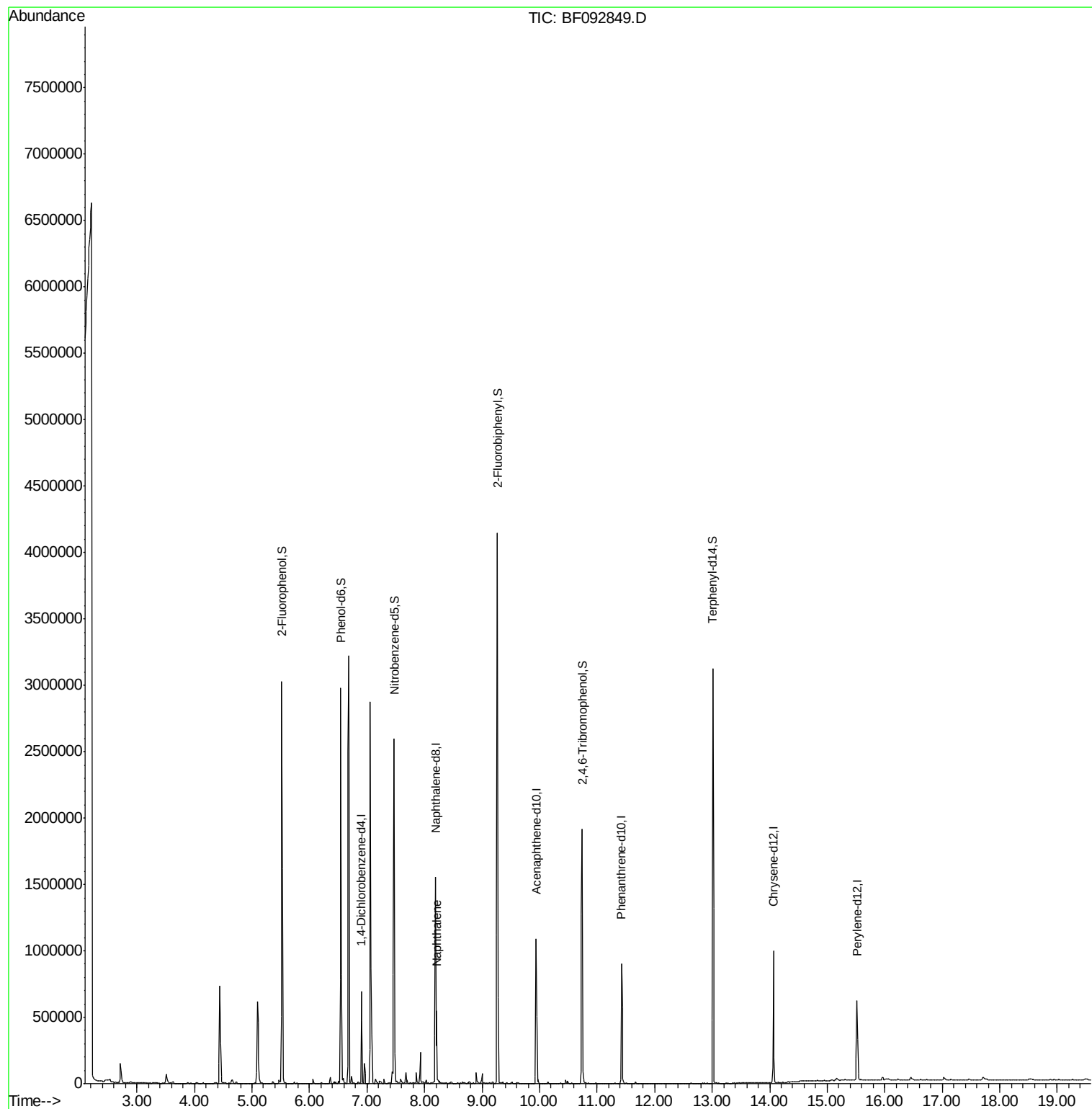
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	134816	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	661398	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	274463	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	423372	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	329726	20.00	ng	-0.01
86) Perylene-d12	15.52	264	265133	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1036577	131.91	ng	0.01
7) Phenol-d6	6.54	99	1129823	111.74	ng	0.00
23) Nitrobenzene-d5	7.47	82	823967	69.38	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	287508	144.83	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1388598	91.66	ng	0.00
78) Terphenyl-d14	13.01	244	1134819	80.87	ng	-0.01
Target Compounds						
31) Naphthalene	8.21	128	237602	7.09	ng	Qvalue 98

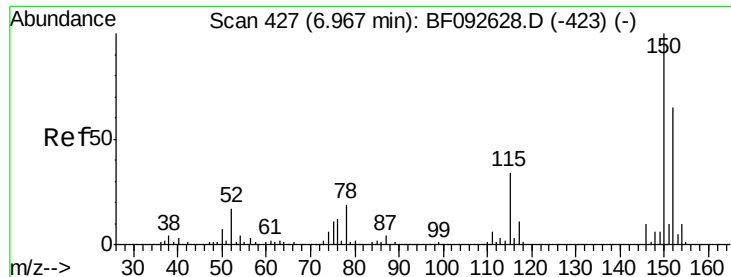
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF092849.D

Acq: 8 Feb 2017 3:11

Instrument :

BNA_F

ClientSampleId :

SS-1

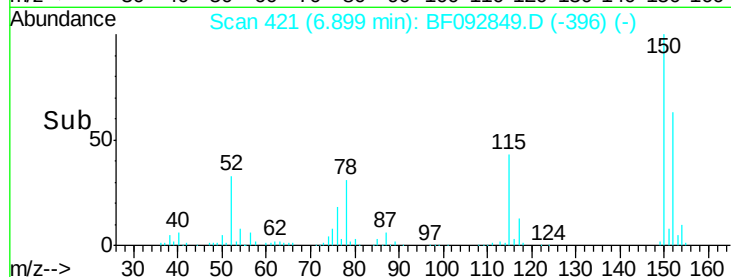
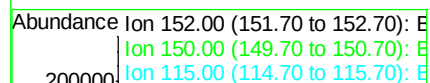
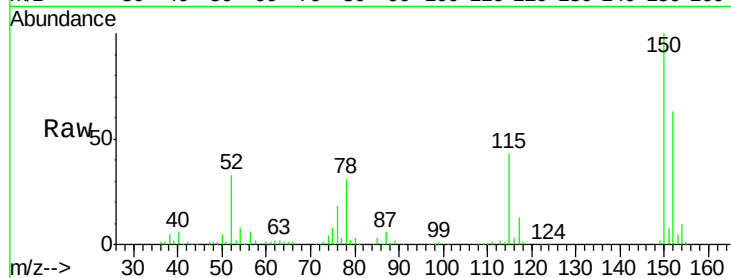
Tot Ion:152 Resp: 134816

Ion Ratio Lower Upper

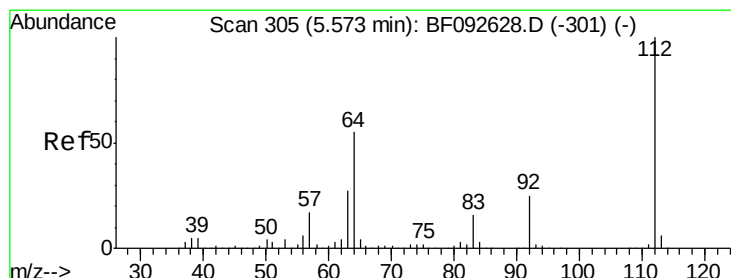
152 100

150 158.3 124.9 187.3

115 68.0 46.0 69.0



Time-->



#5

2-Fluorophenol

Concen: 131.91 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF092849.D

Acq: 8 Feb 2017 3:11

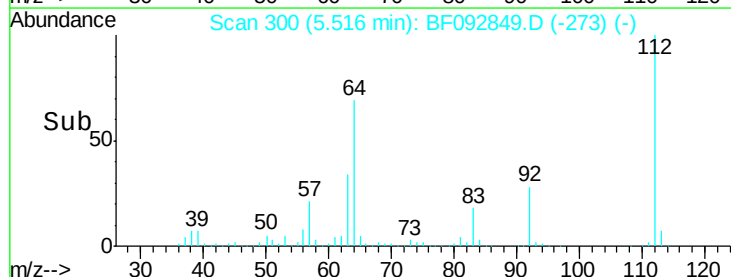
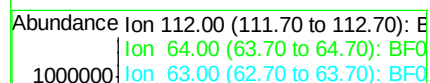
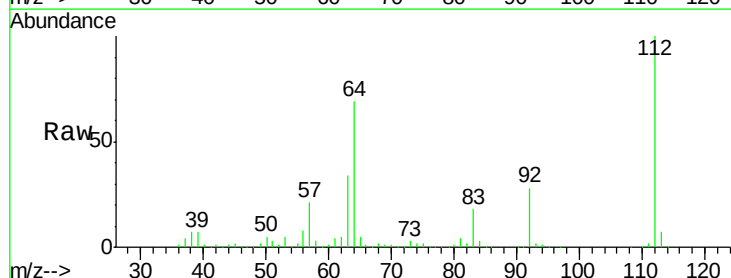
Tgt Ion:112 Resp: 1036577

Ion Ratio Lower Upper

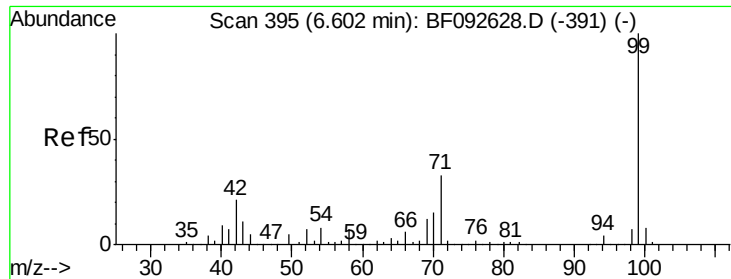
112 100

64 69.2 46.1 69.1#

63 34.4 23.8 35.6



Time-->



#7

Phenol-d6

Concen: 111.74 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF092849.D

Acq: 8 Feb 2017 3:11

Instrument :

BNA_F

ClientSampleId :

SS-1

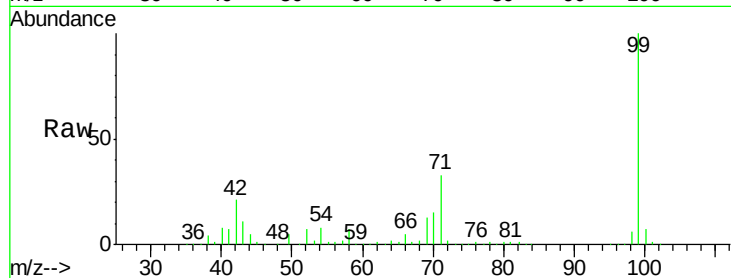
Tot Ion: 99 Resp: 1129823

Ion Ratio Lower Upper

99 100

42 21.0 15.6 23.4

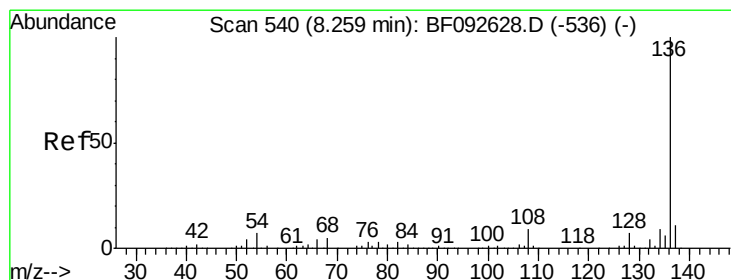
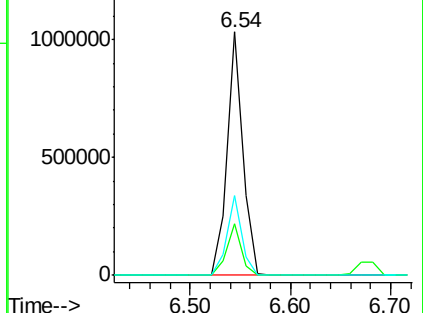
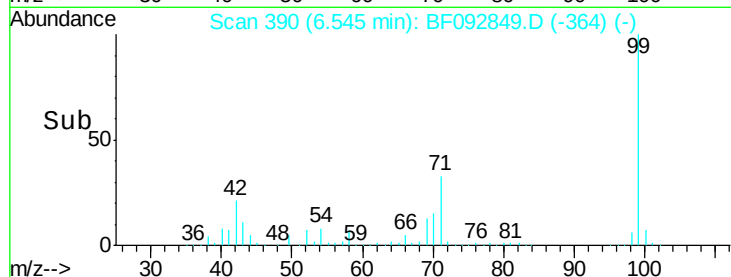
71 33.0 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF092849.D

Acq: 8 Feb 2017 3:11

Tgt Ion: 136 Resp: 661398

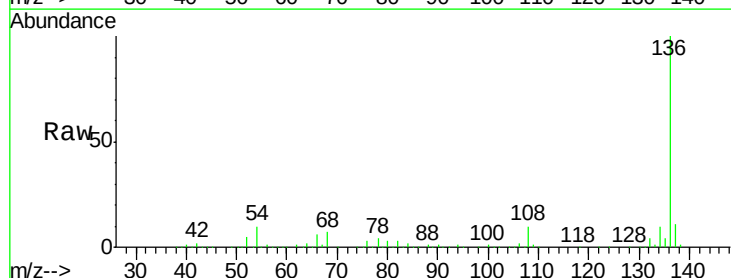
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 10.0 4.5 6.7#

68 6.9 3.6 5.4#

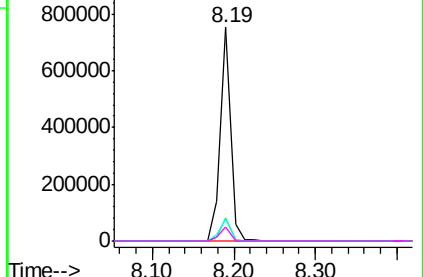
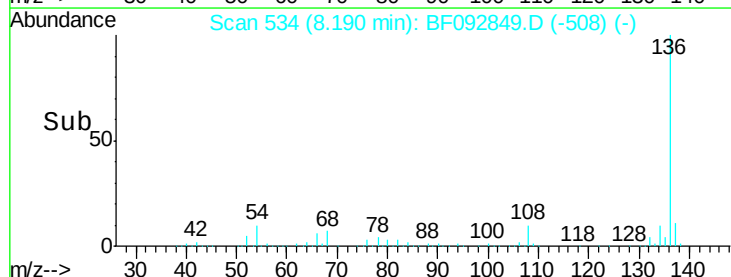


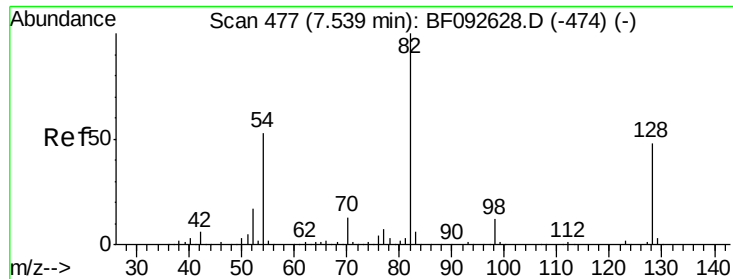
Abundance Ion 136.00 (135.70 to 136.70): E

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

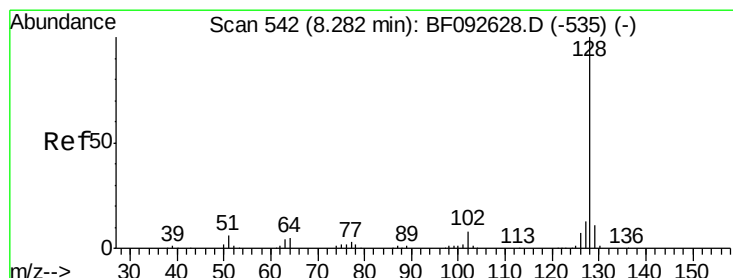
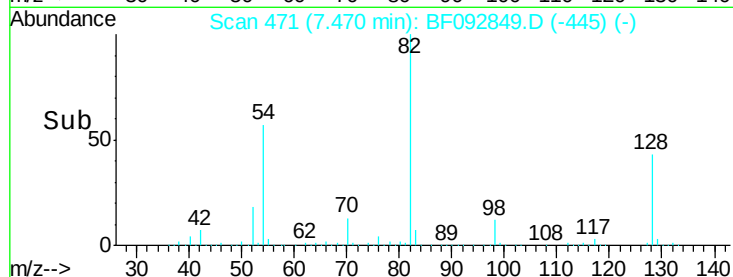
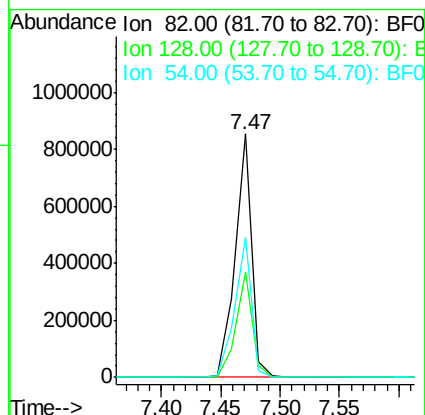
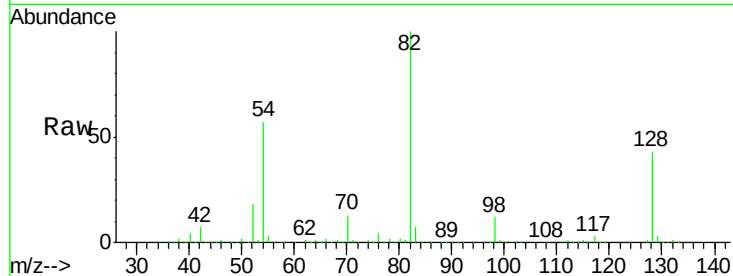




#23
 Nitrobenzene-d5
 Concen: 69.38 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF092849.D
 Acq: 8 Feb 2017 3:11

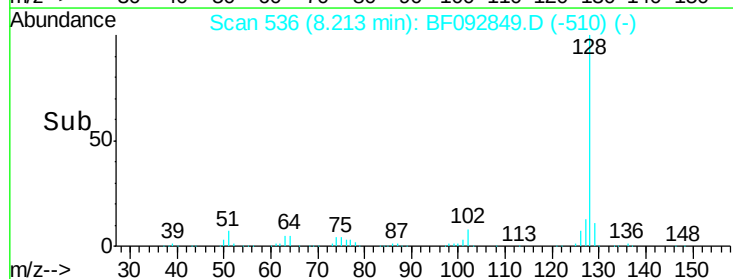
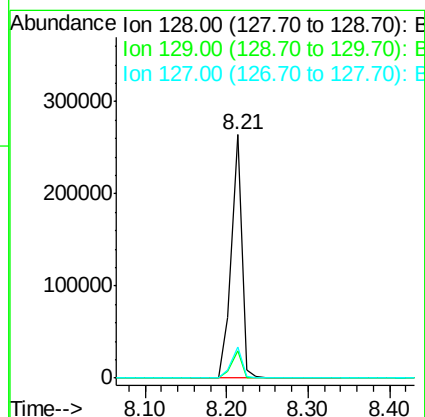
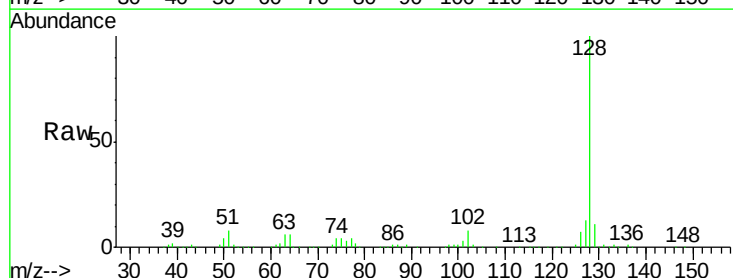
Instrument :
 BNA_F
 ClientSampleId :
 SS-1

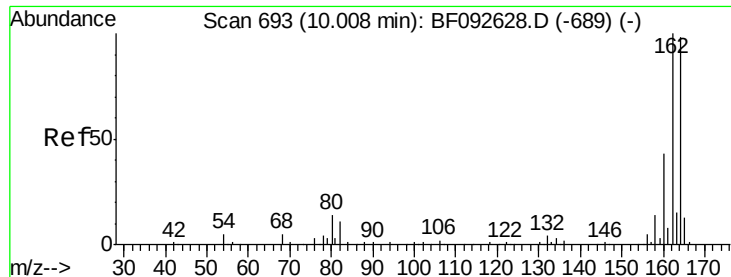
Tot Ion: 82 Resp: 823967
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.6 52.0
 54 57.4 39.5 59.3



#31
 Naphthalene
 Concen: 7.09 ng
 RT: 8.21 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF092849.D
 Acq: 8 Feb 2017 3:11

Tgt Ion: 128 Resp: 237602
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.5 14.3
 127 13.0 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF092849.D

Acq: 8 Feb 2017 3:11

Instrument :

BNA_F

ClientSampleId :

SS-1

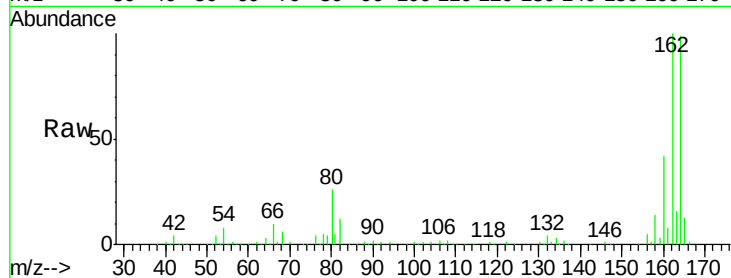
Tot Ion:164 Resp: 274463

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

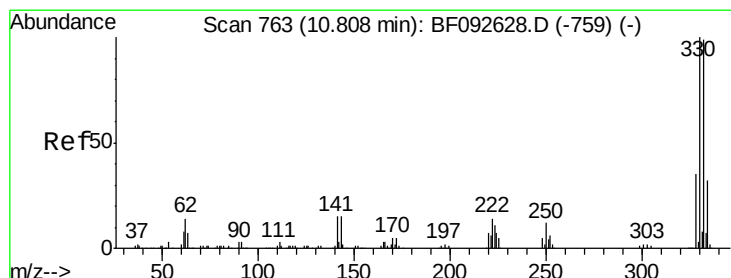
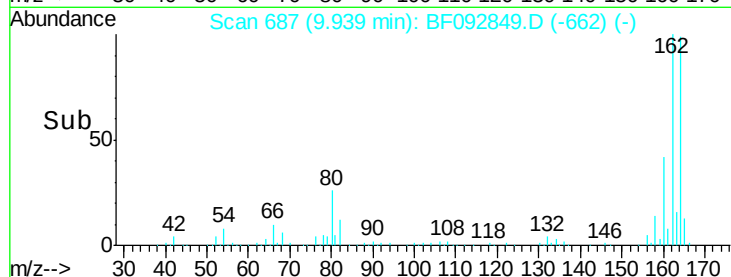
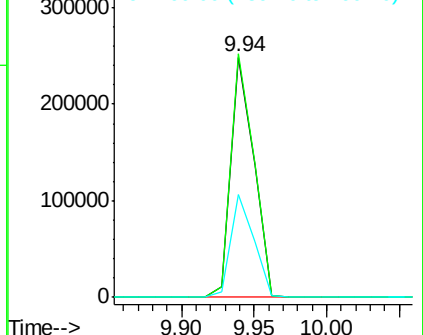
160 42.8 36.9 55.3



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: 144.83 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF092849.D

Acq: 8 Feb 2017 3:11

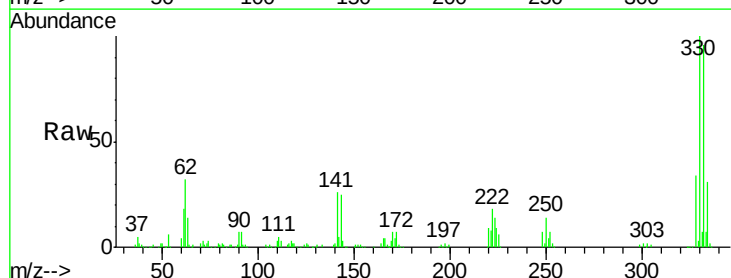
Tgt Ion:330 Resp: 287508

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

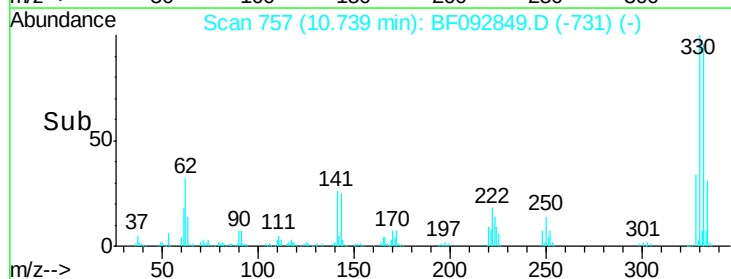
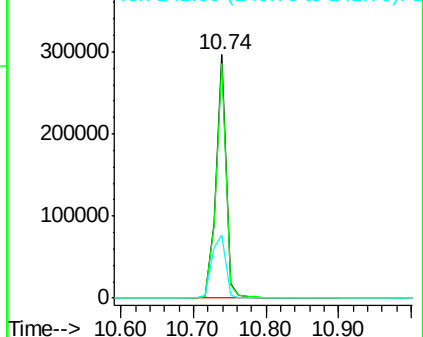
141 35.5 34.1 51.1

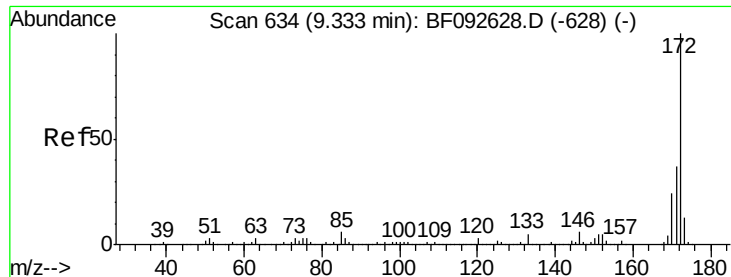


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



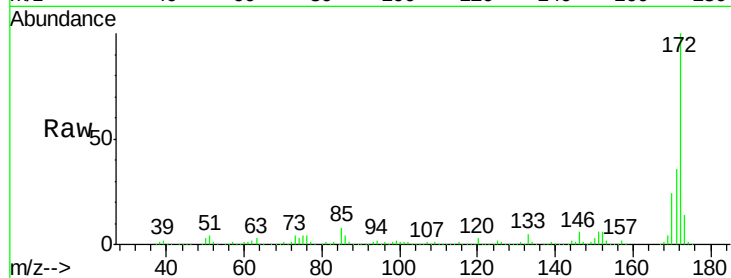


#44
 2-Fluorobiphenyl
 Concen: 91.66 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF092849.D
 Acq: 8 Feb 2017 3:11

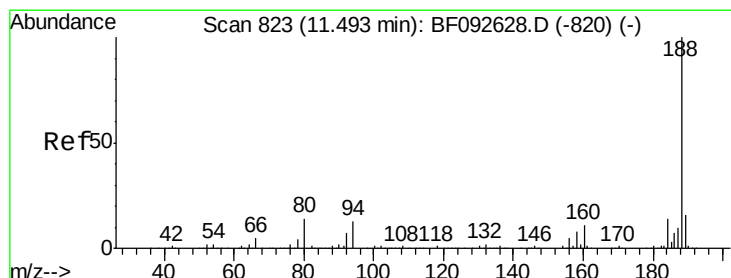
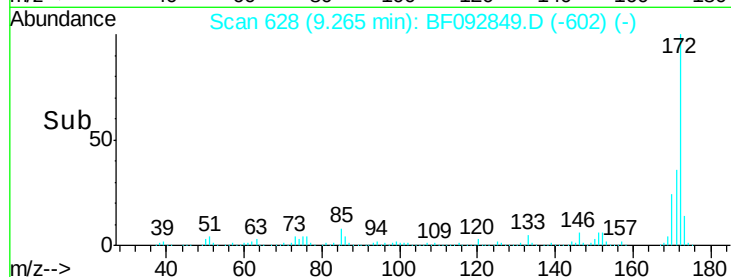
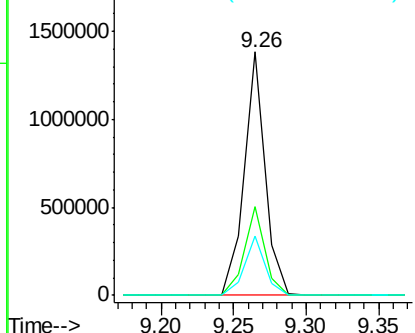
Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Tot Ion:172 Resp: 1388598

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.3	20.2	30.4



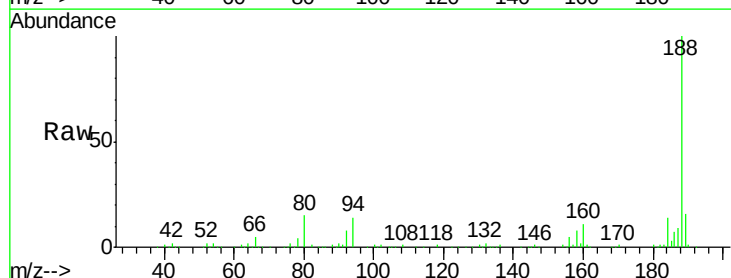
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



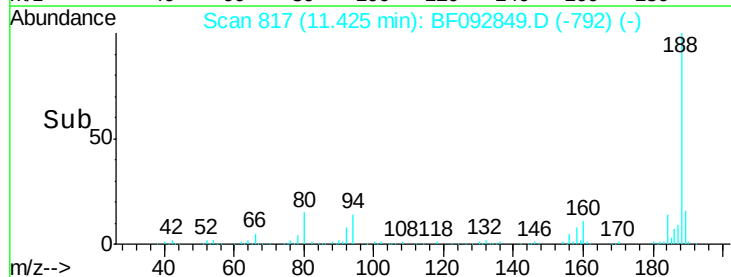
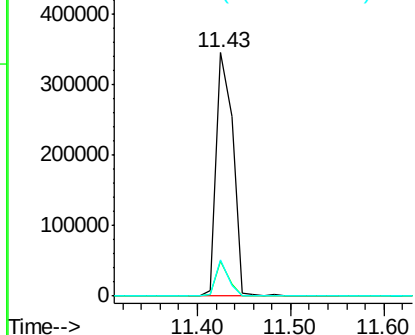
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092849.D
 Acq: 8 Feb 2017 3:11

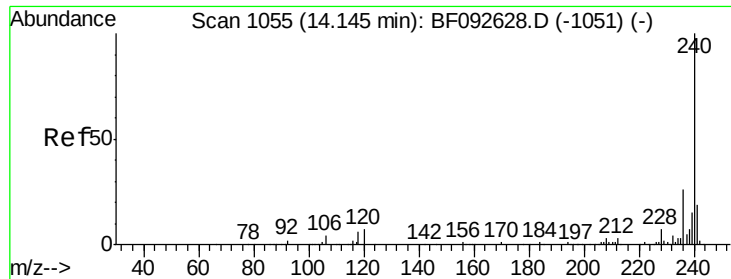
Tgt Ion:188 Resp: 423372

Ion	Ratio	Lower	Upper
188	100		
94	14.2	10.0	15.0
80	15.0	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

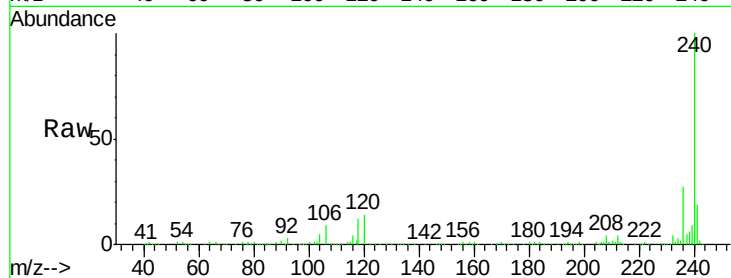




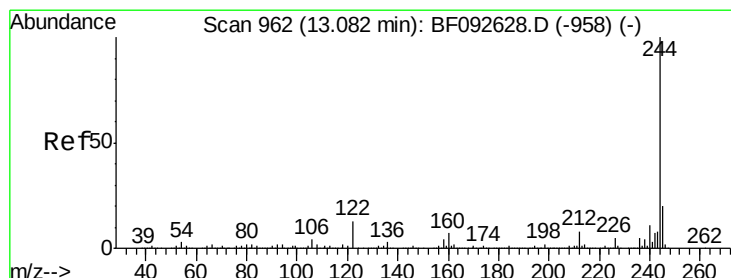
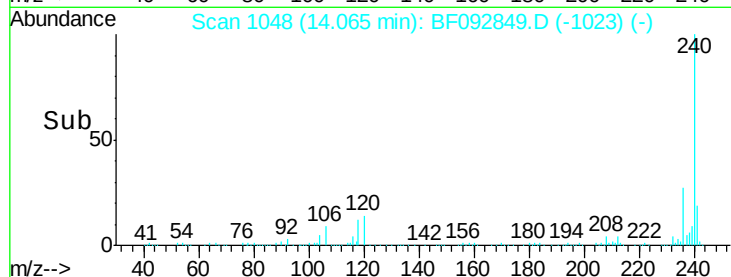
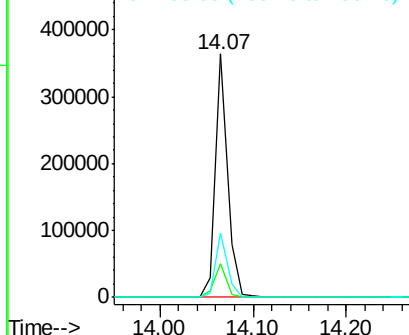
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF092849.D
Acq: 8 Feb 2017 3:11

Instrument :
BNA_F
ClientSampleId :
SS-1

Tot Ion:240 Resp: 329726
Ion Ratio Lower Upper
240 100
120 14.0 12.9 19.3
236 26.6 20.9 31.3

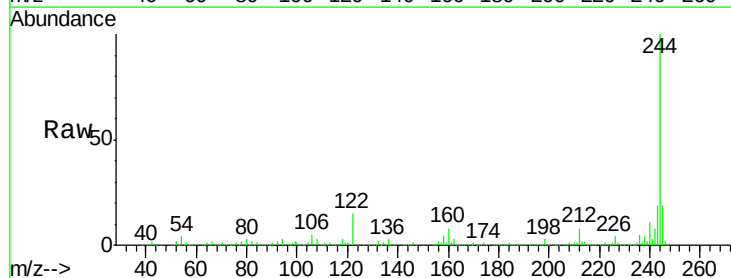


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

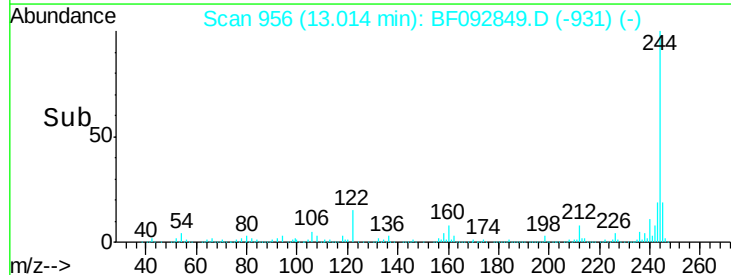
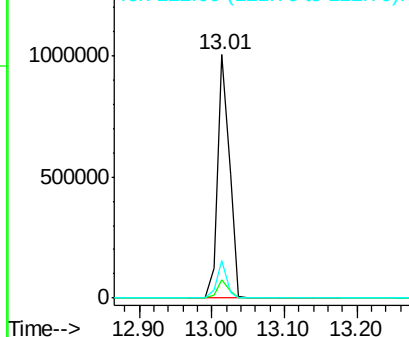


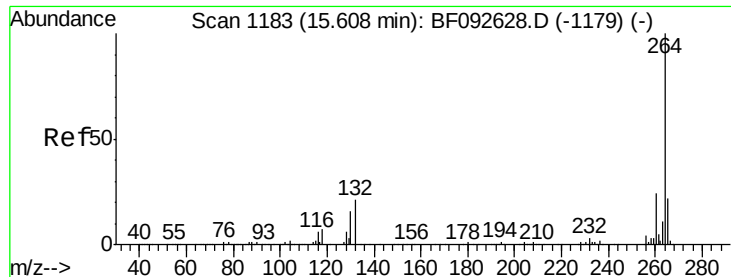
#78
Terphenyl-d14
Concen: 80.87 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF092849.D
Acq: 8 Feb 2017 3:11

Tgt Ion:244 Resp: 1134819
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 15.2 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
Pervlene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF092849.D
Acq: 8 Feb 2017 3:11

Instrument :
BNA_F
ClientSampleId :
SS-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	17.4	26.0

