

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
 Data File : BF090863.D
 Acq On : 27 Oct 2016 1:47
 Operator : UM/SJ
 Sample : H5396-06 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3-S2

Quant Time: Oct 27 02:34:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

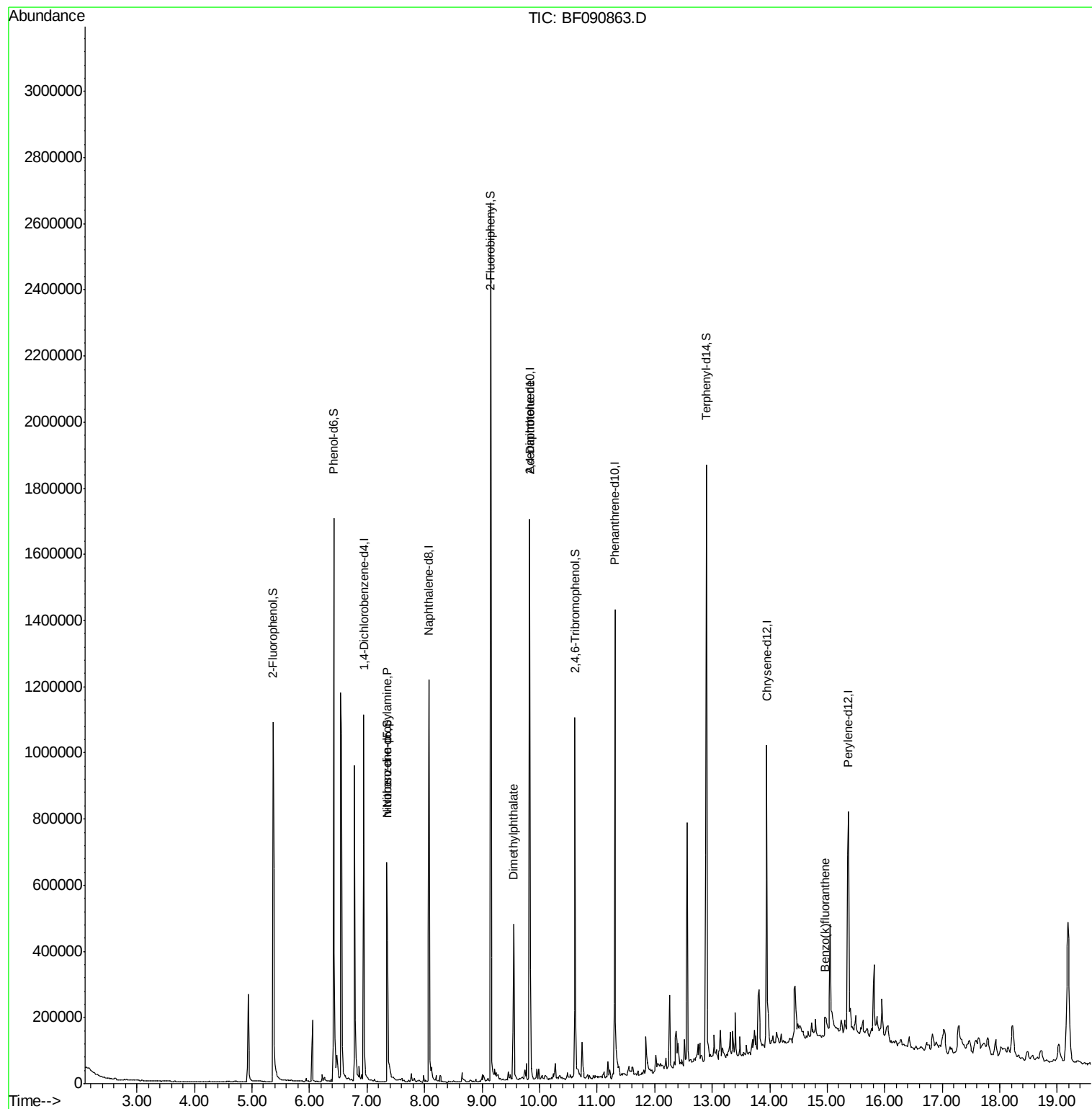
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	246347	20.00	ng	0.15
21) Naphthalene-d8	8.08	136	685650	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	341223	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	536172	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	395487	20.00	ng	-0.01
86) Perylene-d12	15.37	264	346037	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	452929	32.15	ng	-0.02
7) Phenol-d6	6.42	99	678448	35.69	ng	-0.02
23) Nitrobenzene-d5	7.34	82	372854	35.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	143913	41.04	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	792281	40.77	ng	-0.02
78) Terphenyl-d14	12.90	244	604162	38.49	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	49283	4.48	ng	# 52
49) Dimethylphthalate	9.55	163	211314	9.27	ng	# 96
56) 2,4-Dinitrotoluene	9.82	165	45027	7.20	ng	# 33
88) Benzo(k)fluoranthene	14.97	252	44195	2.40	ng	94

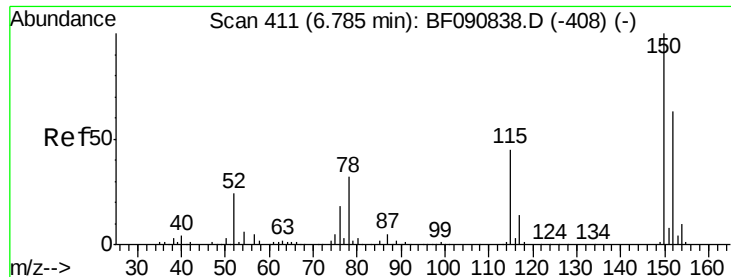
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
Data File : BF090863.D
Acq On : 27 Oct 2016 1:47
Operator : UM/SJ
Sample : H5396-06 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P3-S2

Quant Time: Oct 27 02:34:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 16:35:31 2016
Response via : Initial Calibration

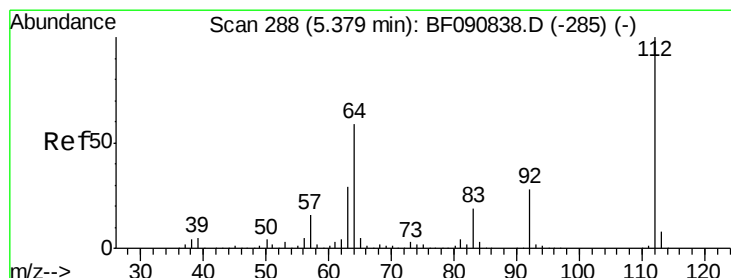
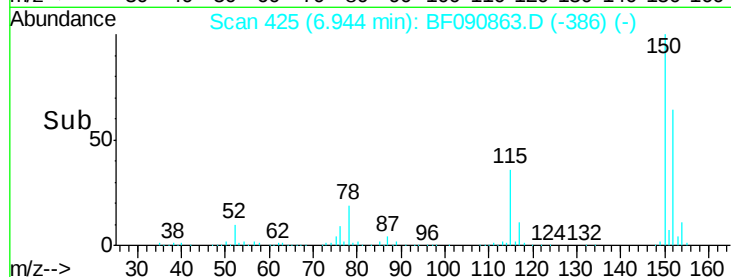
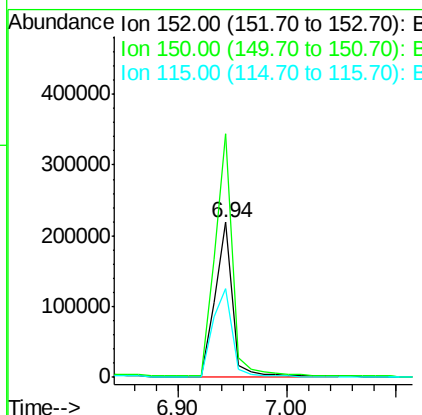
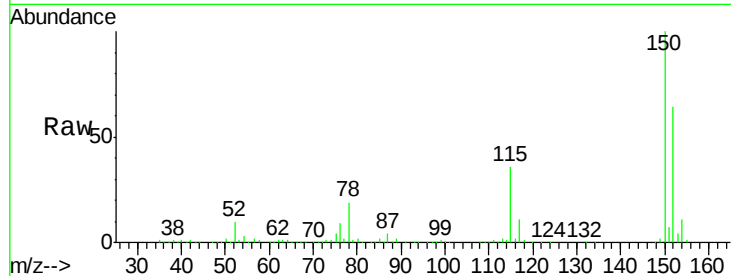




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.15 min
 Lab File: BF090863.D
 Acq: 27 Oct 2016 1:47

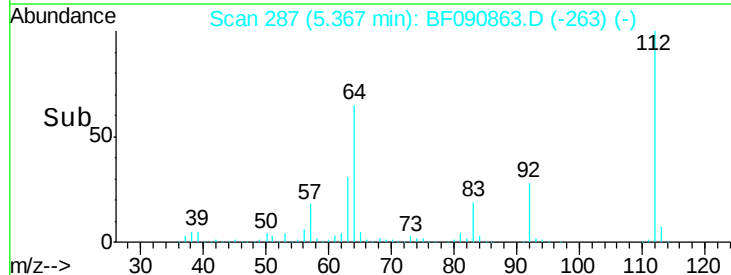
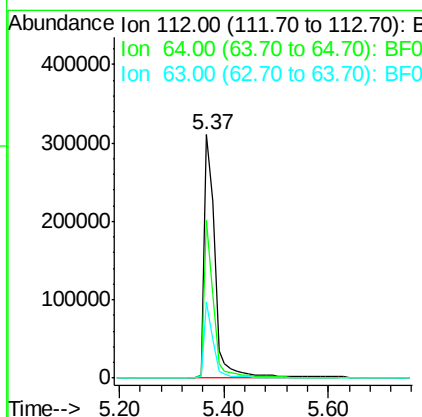
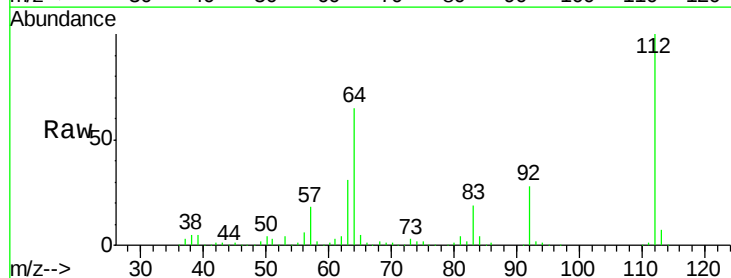
Instrument :
 BNA_F
 ClientSampleId :
 P3-S2

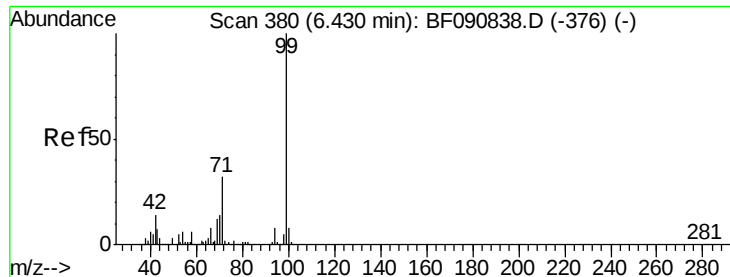
Tgt Ion:152 Resp: 246347
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.7 187.1
 115 57.2 39.0 58.4



#5
 2-Fluorophenol
 Concen: 32.15 ng
 RT: 5.37 min Scan# 287
 Delta R.T. -0.02 min
 Lab File: BF090863.D
 Acq: 27 Oct 2016 1:47

Tgt Ion:112 Resp: 452929
 Ion Ratio Lower Upper
 112 100
 64 65.1 39.7 59.5#
 63 31.3 17.4 26.0#





#7

Phenol-d6

Concen: 35.69 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF090863.D

Acq: 27 Oct 2016 1:47

Instrument :

BNA_F

ClientSampleId :

P3-S2

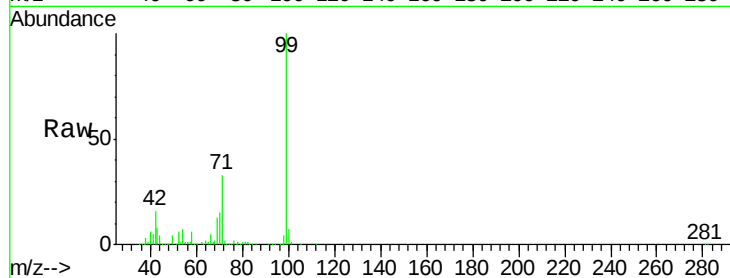
Tgt Ion: 99 Resp: 678448

Ion Ratio Lower Upper

99 100

42 15.8 13.7 20.5

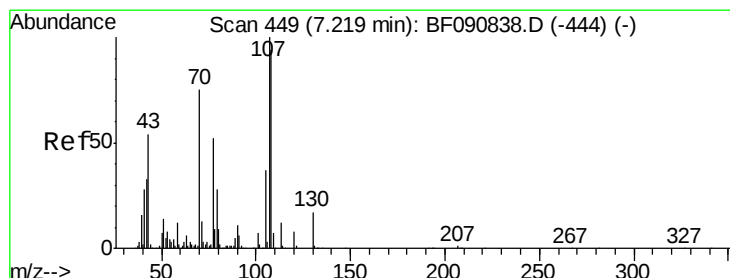
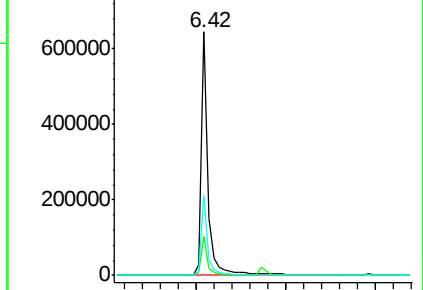
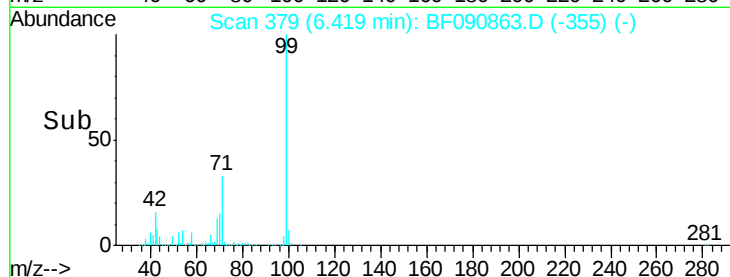
71 32.6 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 4.48 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.11 min

Lab File: BF090863.D

Acq: 27 Oct 2016 1:47

Tgt Ion: 70 Resp: 49283

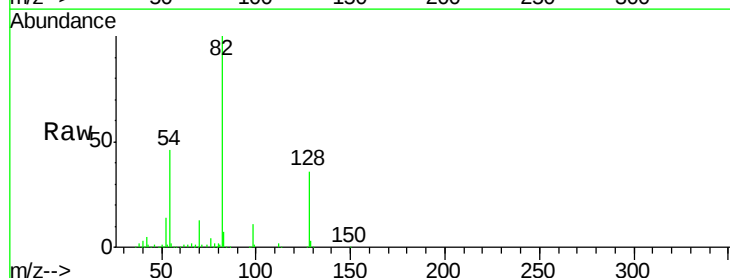
Ion Ratio Lower Upper

70 100

42 38.5 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

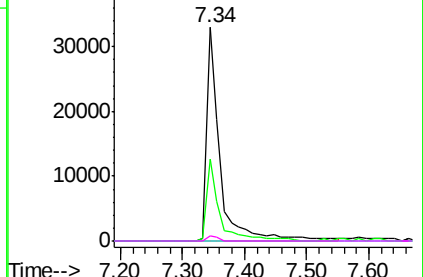
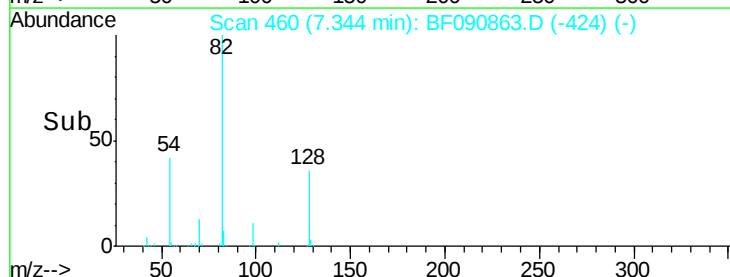


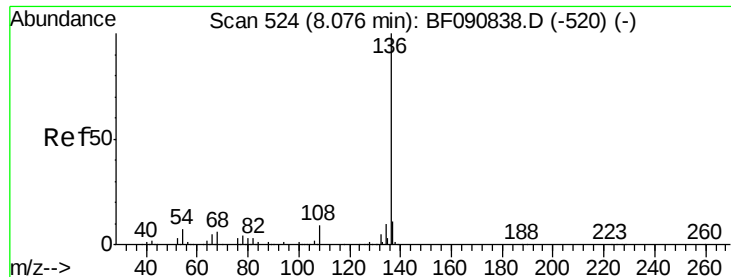
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090863.D

Acq: 27 Oct 2016 1:47

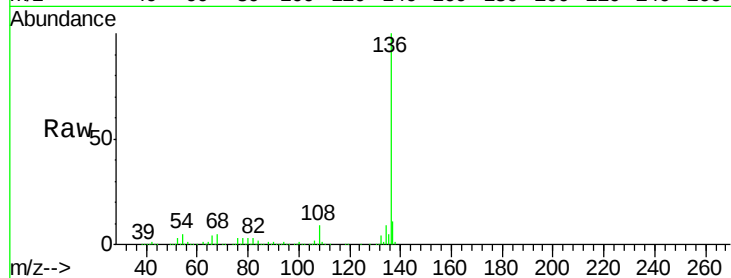
Instrument :

BNA_F

ClientSampled :

P3-S2

Tgt Ion:	136	Resp:	685650
Ion Ratio		Lower	Upper
136	100		
137	10.9	9.0	13.6
54	5.3	8.2	12.2#
68	5.1	5.8	8.6#

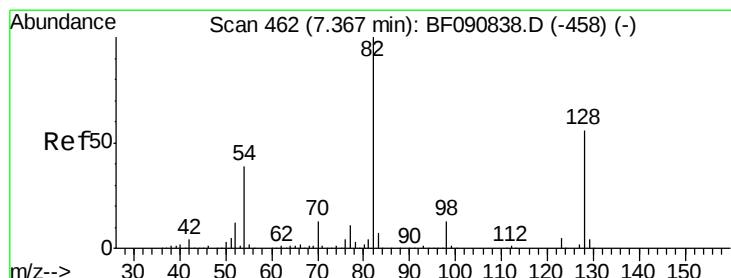
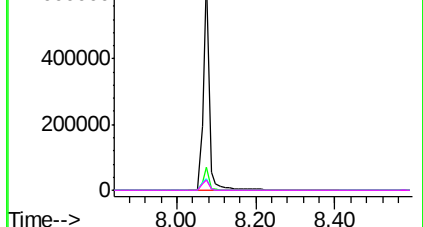
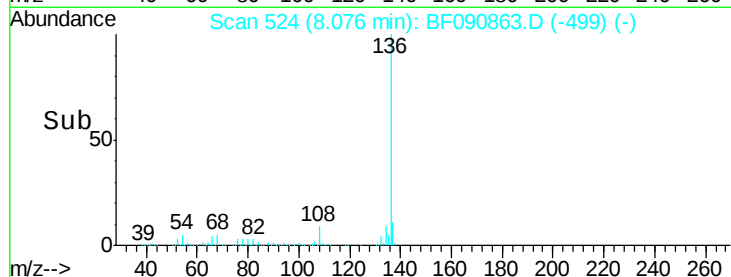


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.60 ng

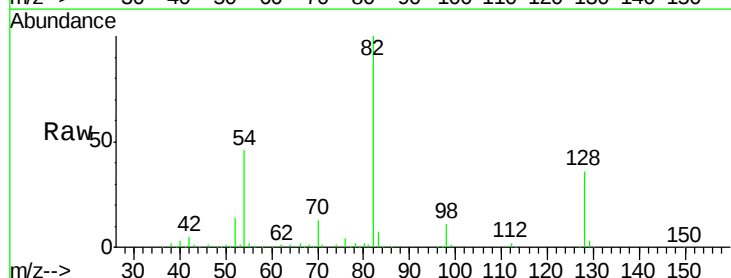
RT: 7.34 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF090863.D

Acq: 27 Oct 2016 1:47

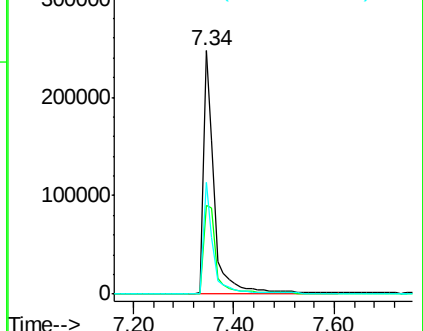
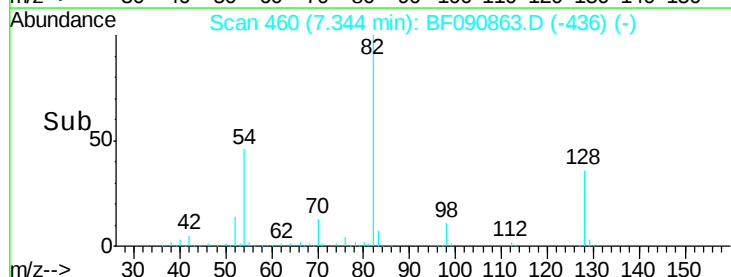
Tgt Ion:	82	Resp:	372854
Ion Ratio		Lower	Upper
82	100		
128	36.5	51.0	76.6#
54	46.1	47.5	71.3#

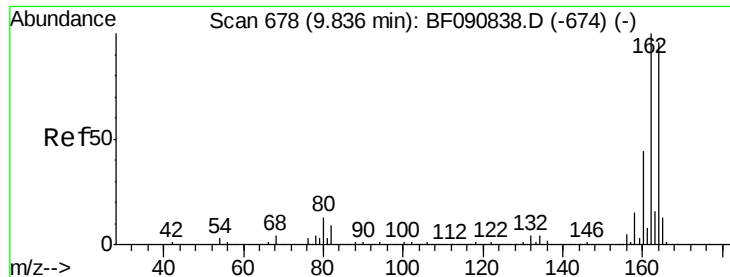


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF090863.D

Acq: 27 Oct 2016 1:47

Instrument :

BNA_F

ClientSampleId :

P3-S2

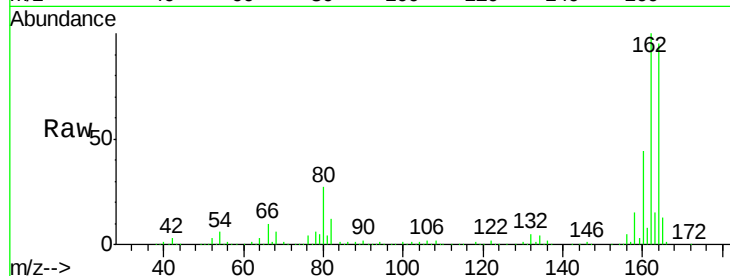
Tgt Ion:164 Resp: 341223

Ion Ratio Lower Upper

164 100

162 105.0 75.2 112.8

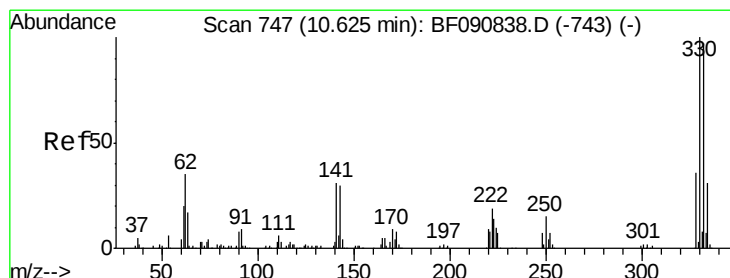
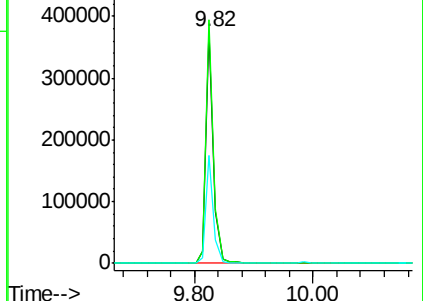
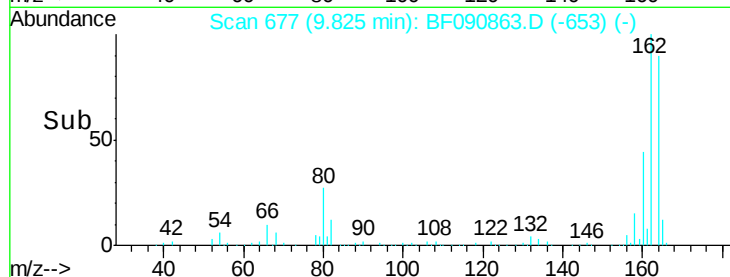
160 46.5 31.5 47.3



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: 41.04 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF090863.D

Acq: 27 Oct 2016 1:47

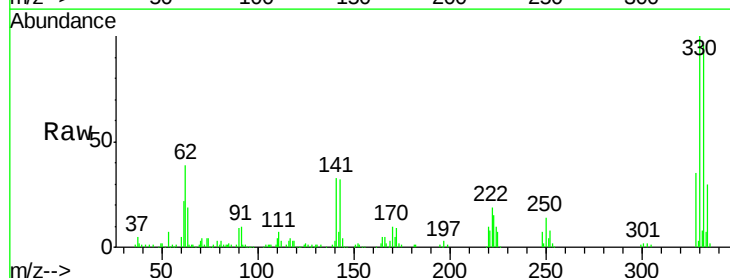
Tgt Ion:330 Resp: 143913

Ion Ratio Lower Upper

330 100

332 96.1 76.6 114.8

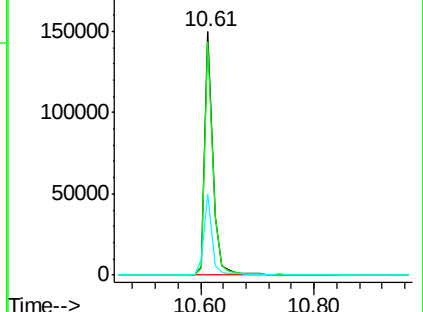
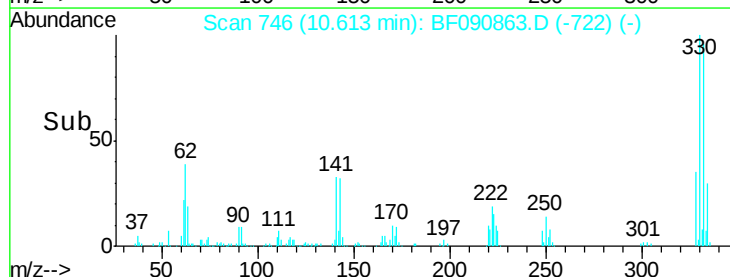
141 34.1 29.7 44.5

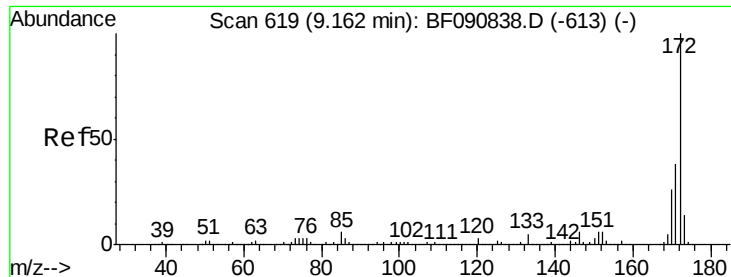


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

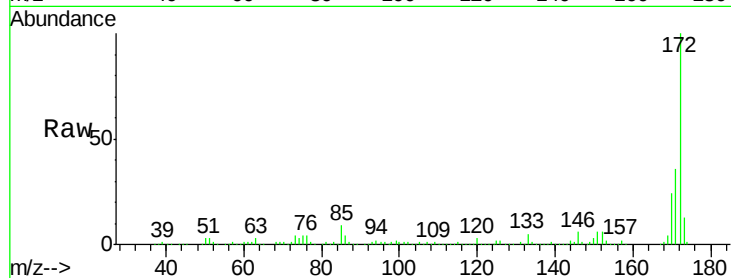




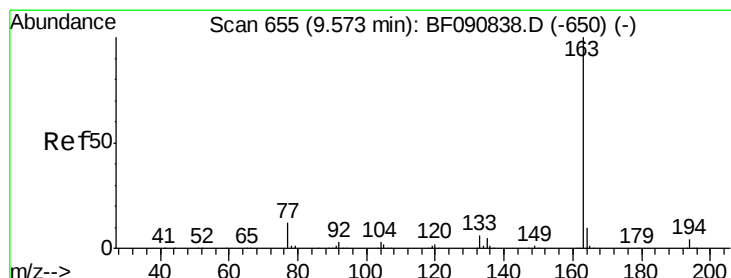
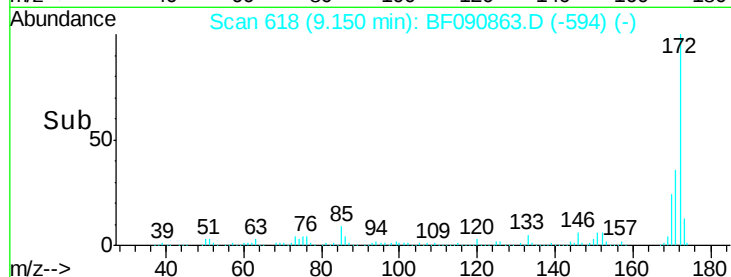
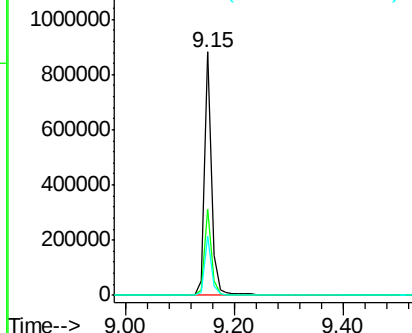
#44
 2-Fluorobiphenyl
 Concen: 40.77 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF090863.D
 Acq: 27 Oct 2016 1:47

Instrument :
 BNA_F
 ClientSampleId :
 P3-S2

Tgt Ion:172 Resp: 792281
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 24.4 17.4 26.2

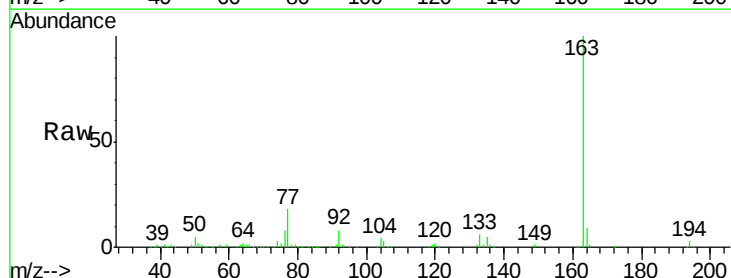


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

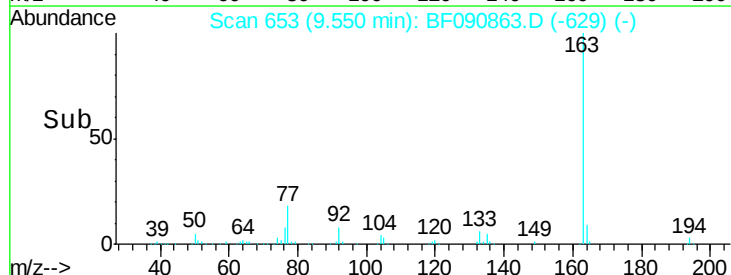
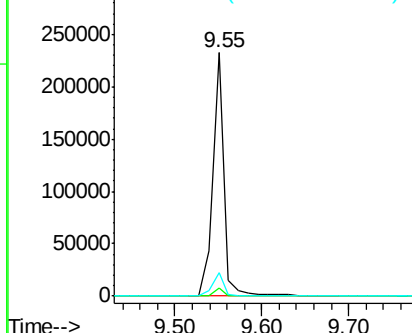


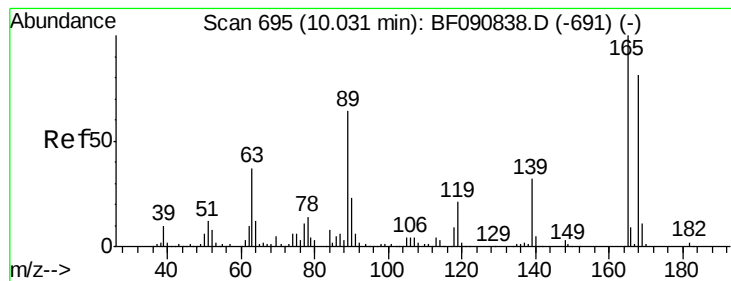
#49
 Dimethylphthalate
 Concen: 9.27 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF090863.D
 Acq: 27 Oct 2016 1:47

Tgt Ion:163 Resp: 211314
 Ion Ratio Lower Upper
 163 100
 194 3.2 4.4 6.6#
 164 9.4 8.3 12.5



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

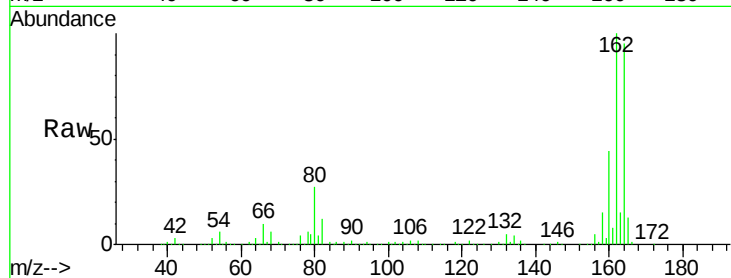




#56
 2,4-Dinitrotoluene
 Concen: 7.20 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.22 min
 Lab File: BF090863.D
 Acq: 27 Oct 2016 1:47

Instrument :
 BNA_F
 ClientSampleId :
 P3-S2

Tgt Ion:	165	Resp:	45027
Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.8	44.6#
89	1.2	44.5	66.7#
182	0.0	3.0	4.4#

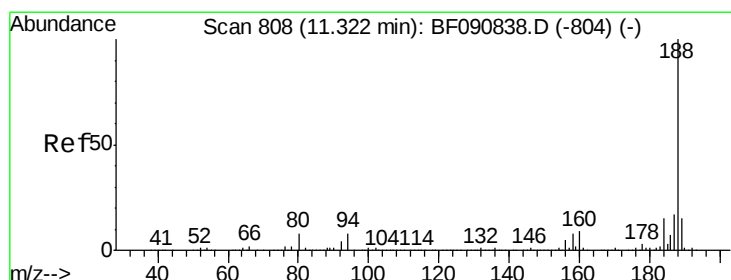
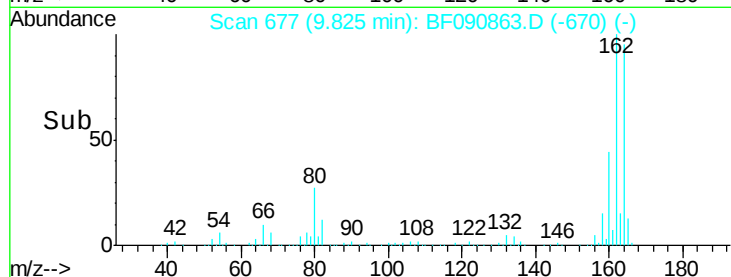
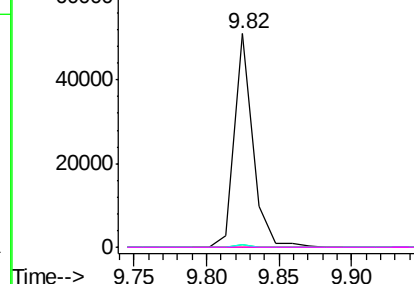


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

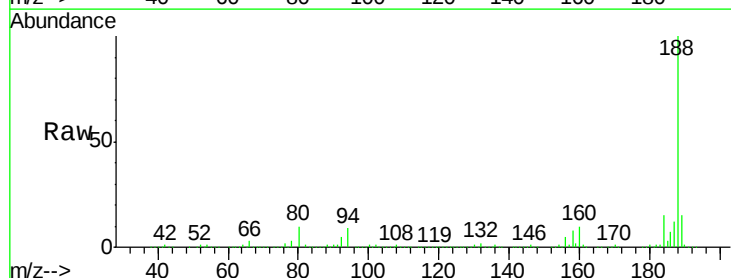
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF090863.D
 Acq: 27 Oct 2016 1:47

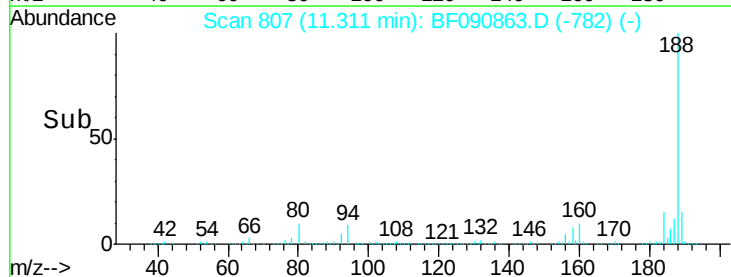
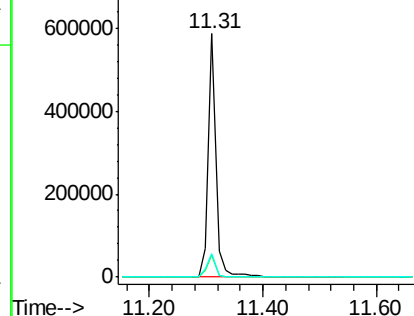
Tgt Ion:	188	Resp:	536172
Ion	Ratio	Lower	Upper
188	100		
94	9.3	11.1	16.7#
80	9.8	11.0	16.4#

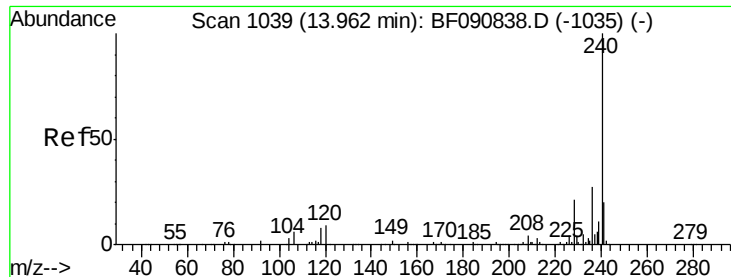


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF090863.D

Acq: 27 Oct 2016 1:47

Instrument :

BNA_F

ClientSampleId :

P3-S2

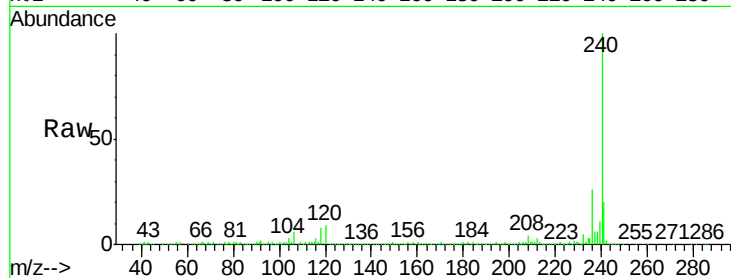
Tgt Ion:240 Resp: 395487

Ion Ratio Lower Upper

240 100

120 9.3 16.2 24.2#

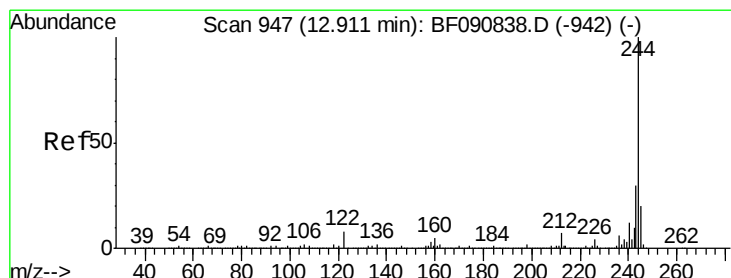
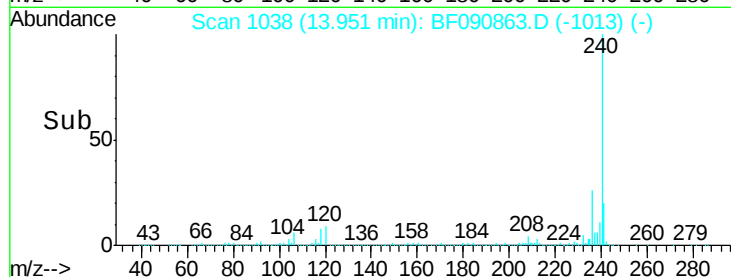
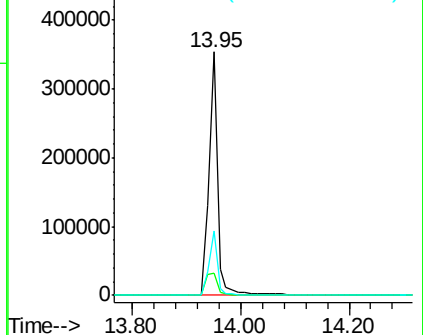
236 26.4 18.4 27.6



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: 38.49 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF090863.D

Acq: 27 Oct 2016 1:47

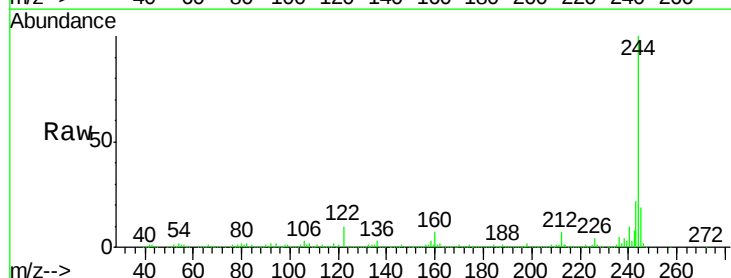
Tgt Ion:244 Resp: 604162

Ion Ratio Lower Upper

244 100

212 6.6 4.3 6.5#

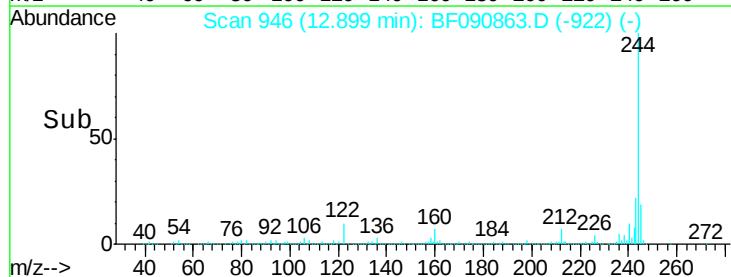
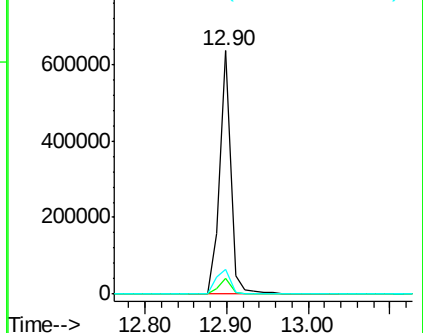
122 10.4 17.4 26.2#

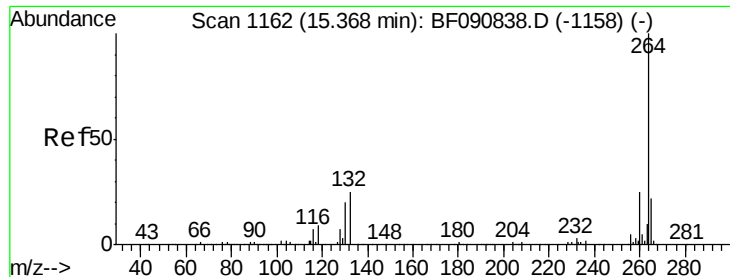


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



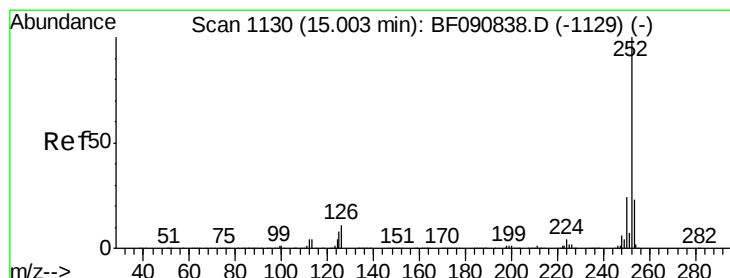
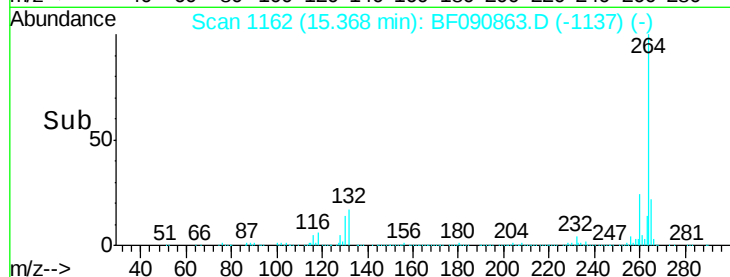
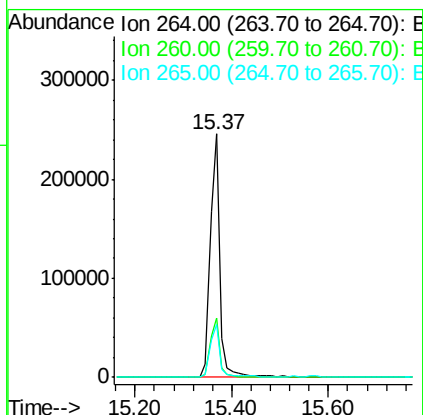
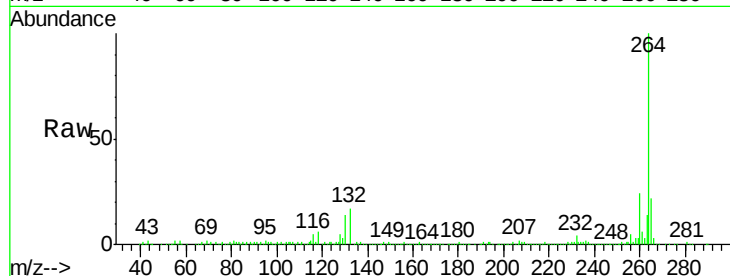


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF090863.D
Acq: 27 Oct 2016 1:47

Instrument :
BNA_F
ClientSampleId :
P3-S2

Tgt Ion: 264 Resp: 346037

Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.7	25.1
265	21.9	17.2	25.8



#88
Benzo(k)fluoranthene
Concen: 2.40 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.05 min
Lab File: BF090863.D
Acq: 27 Oct 2016 1:47

Tgt Ion: 252 Resp: 44195

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.4
125	17.5	16.0	24.0

