

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092608.D
 Acq On : 28 Jan 2017 6:34
 Operator : SJ/MA
 Sample : I1527-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Quant Time: Jan 29 23:45:41 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

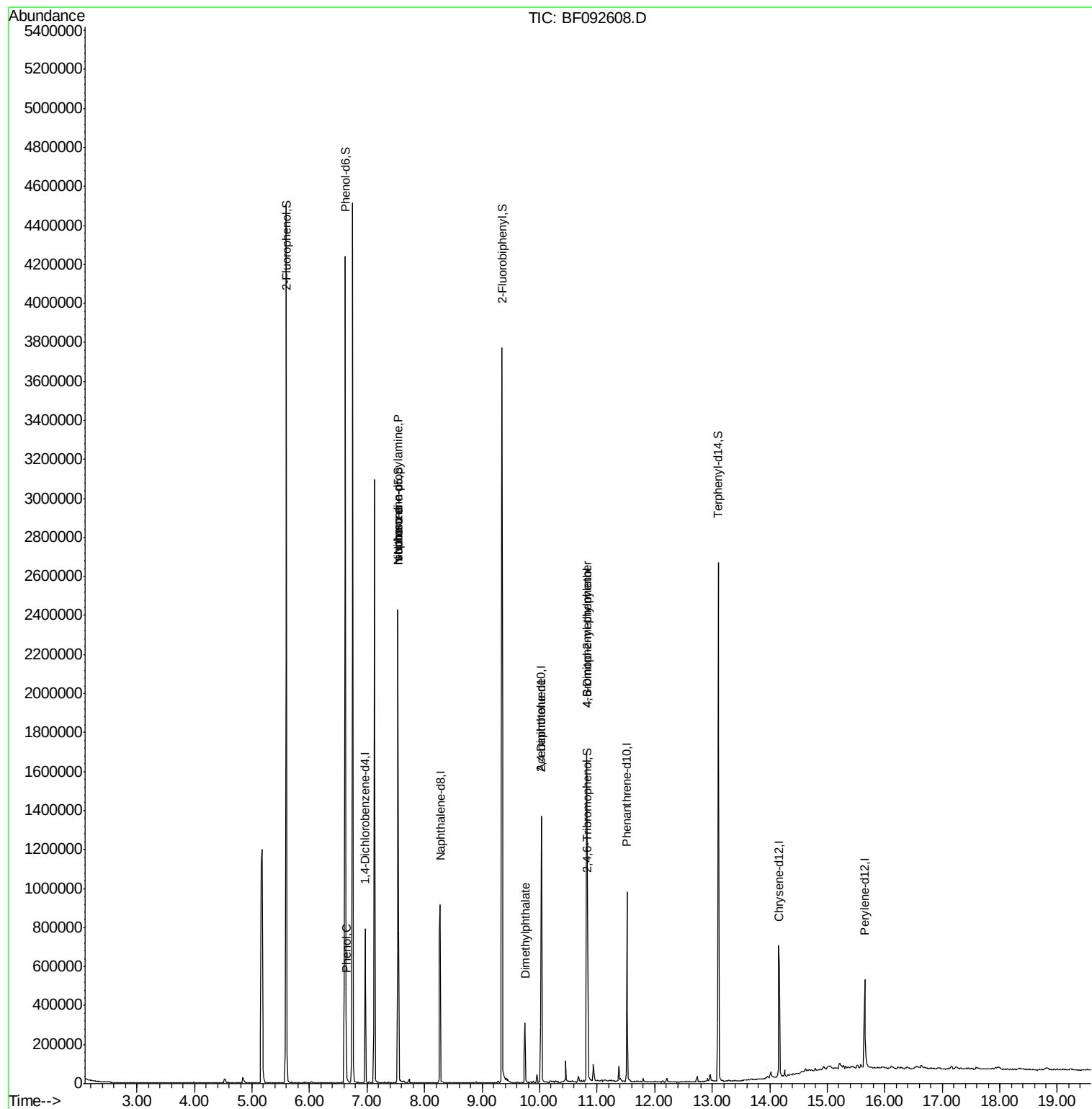
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	154594	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	590958	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	292487	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	385303	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	326282	20.00	ng	0.00
86) Perylene-d12	15.65	264	236132	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1295585	130.39	ng	0.05
7) Phenol-d6	6.62	99	1719806	135.88	ng	0.03
23) Nitrobenzene-d5	7.54	82	912488	84.35	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	231817	116.31	ng	0.01
44) 2-Fluorobiphenyl	9.34	172	1530420	96.76	ng	-0.01
78) Terphenyl-d14	13.11	244	1092034	89.12	ng	-0.01
Target Compounds						
10) Phenol	6.64	94	87284	5.71	ng	# 63
19) n-Nitroso-di-n-propylamine	7.54	70	118296	13.73	ng	# 86
25) Isophorone	7.54	82	744805	34.94	ng	# 65
49) Dimethylphthalate	9.74	163	159782	8.59	ng	99
56) 2,4-Dinitrotoluene	10.03	165	36581	7.25	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.82	198	434	5.14	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	16965	4.36	ng	# 1

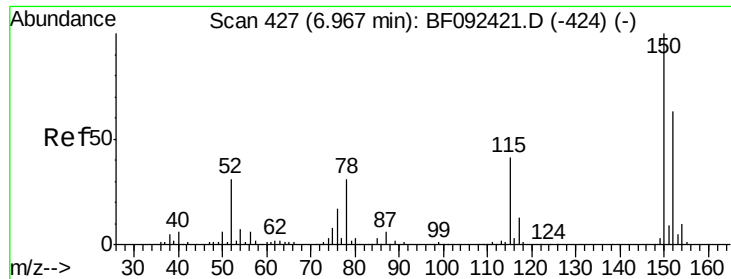
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092608.D
Acq On : 28 Jan 2017 6:34
Operator : SJ/MA
Sample : I1527-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

Quant Time: Jan 29 23:45:41 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF092608.D

Acq: 28 Jan 2017 6:34

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

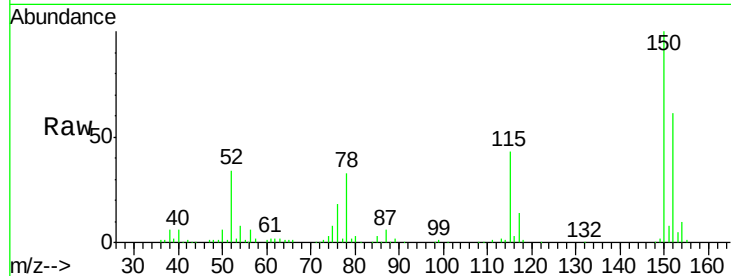
Tgt Ion:152 Resp: 154594

Ion Ratio Lower Upper

152 100

150 164.5 124.9 187.3

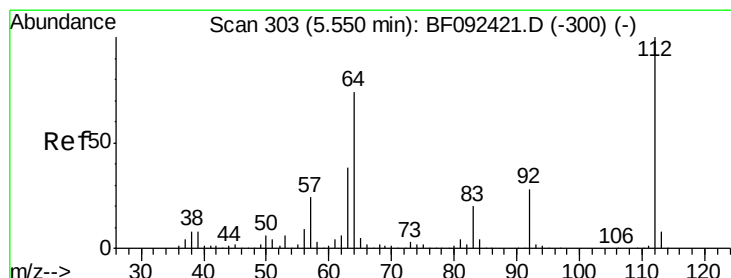
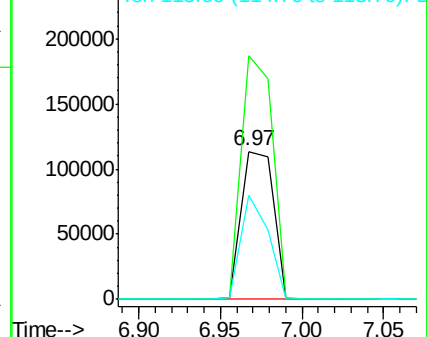
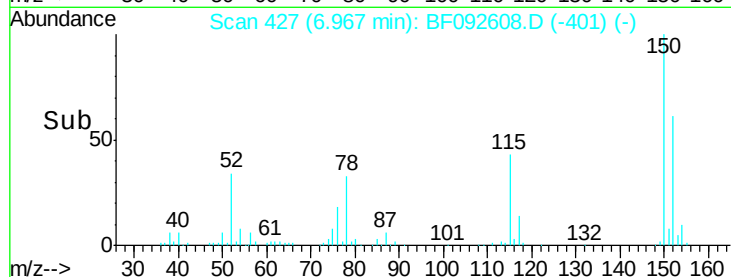
115 70.6 46.0 69.0#



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: 130.39 ng

RT: 5.60 min Scan# 307

Delta R.T. 0.05 min

Lab File: BF092608.D

Acq: 28 Jan 2017 6:34

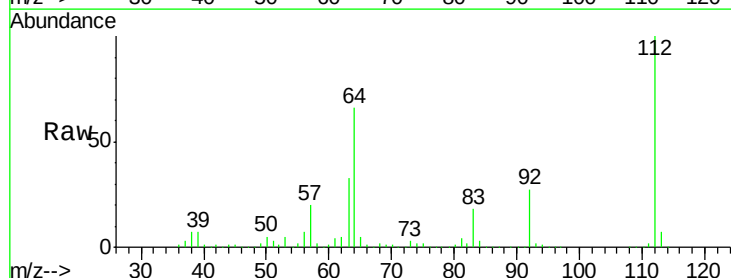
Tgt Ion:112 Resp: 1295585

Ion Ratio Lower Upper

112 100

64 65.7 46.1 69.1

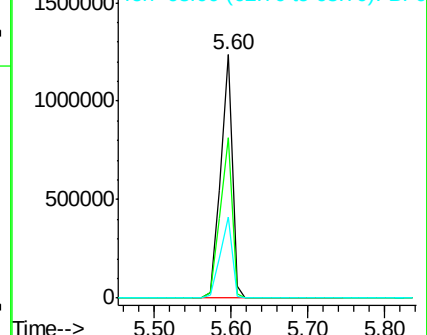
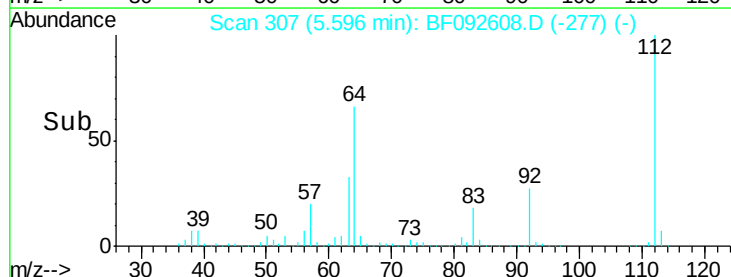
63 33.2 23.8 35.6

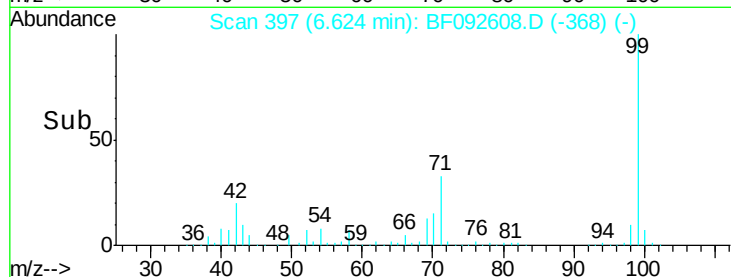
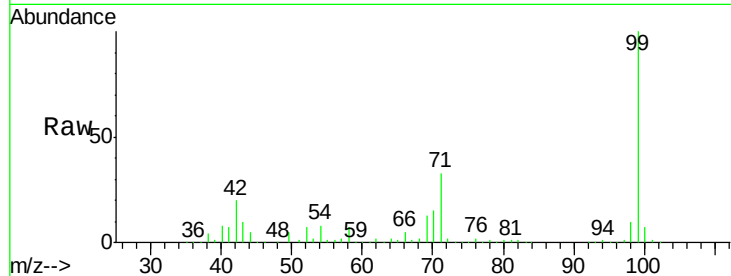
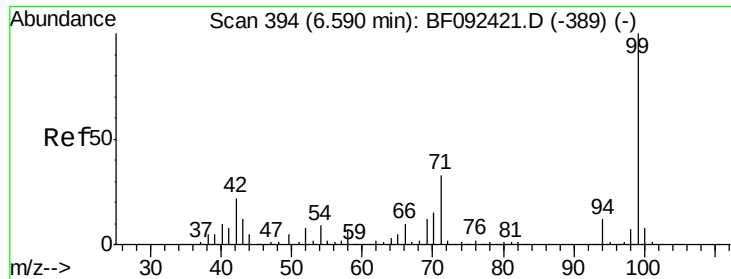


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.88 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092608.D

Acq: 28 Jan 2017 6:34

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

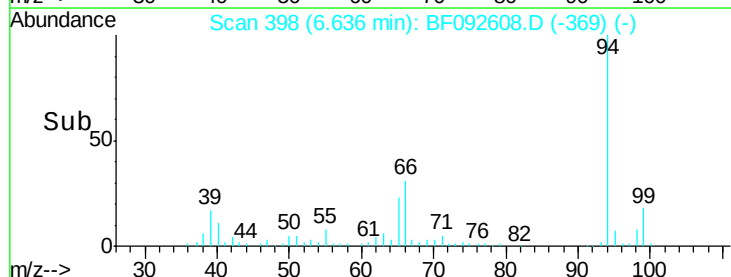
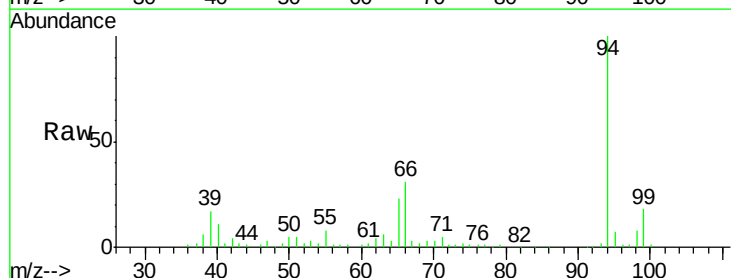
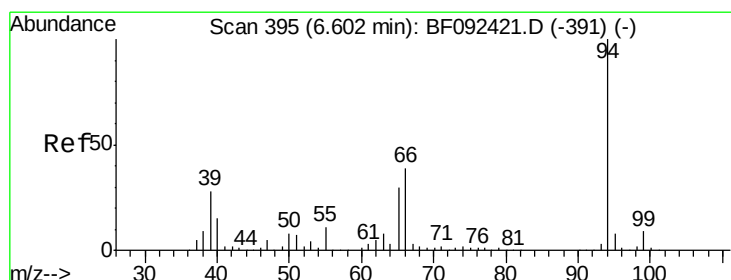
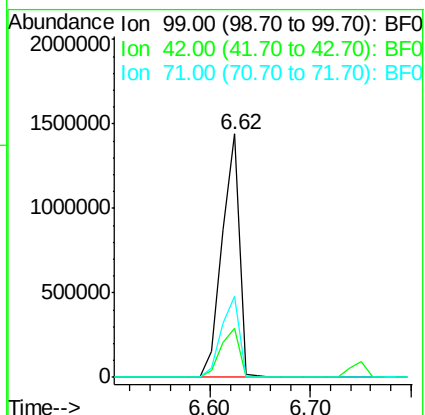
Tgt Ion: 99 Resp: 1719806

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

71 33.2 27.5 41.3



#10

Phenol

Concen: 5.71 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092608.D

Acq: 28 Jan 2017 6:34

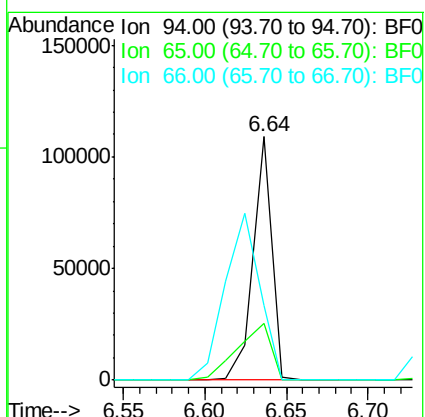
Tgt Ion: 94 Resp: 87284

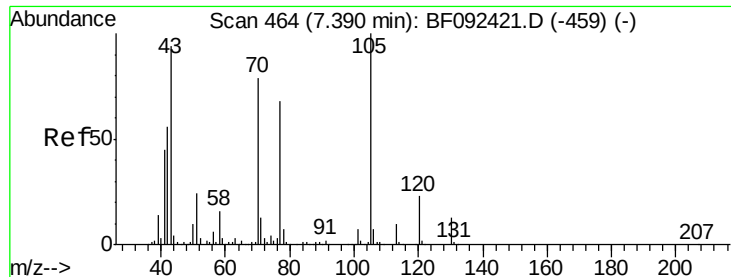
Ion Ratio Lower Upper

94 100

65 23.5 21.4 61.4

66 30.6 44.0 84.0#

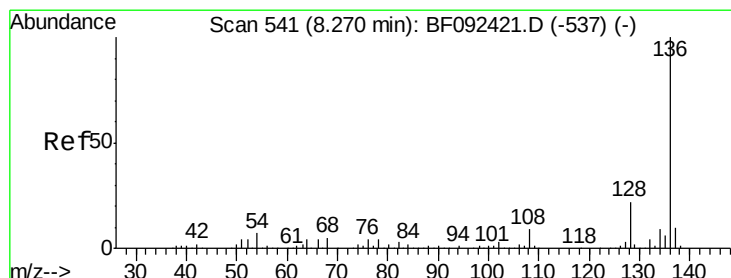
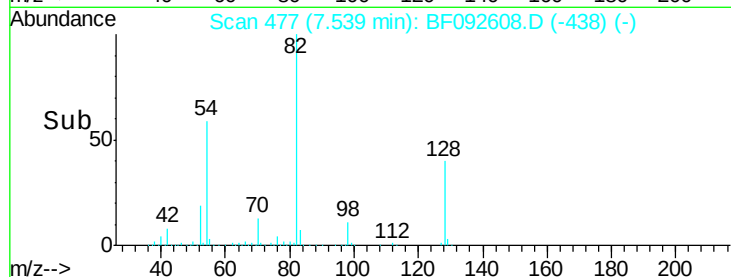
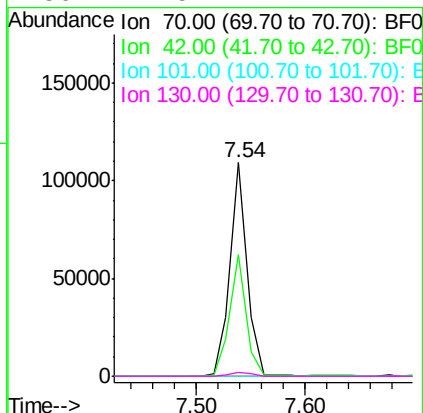
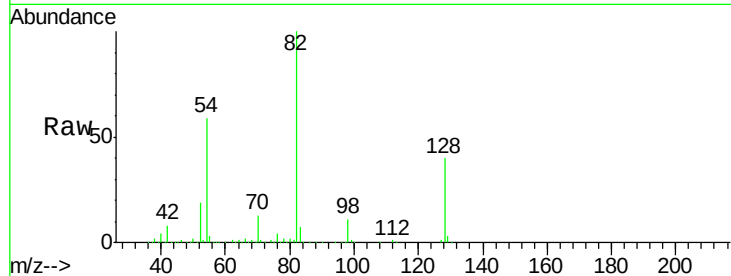




#19
n-Nitroso-di-n-propylamine
Concen: 13.73 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092608.D
Acq: 28 Jan 2017 6:34

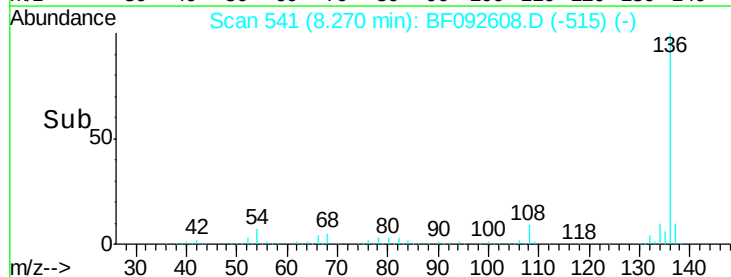
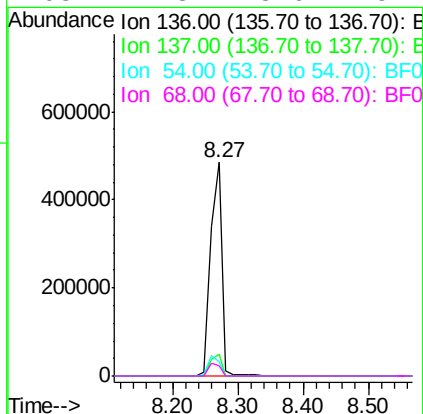
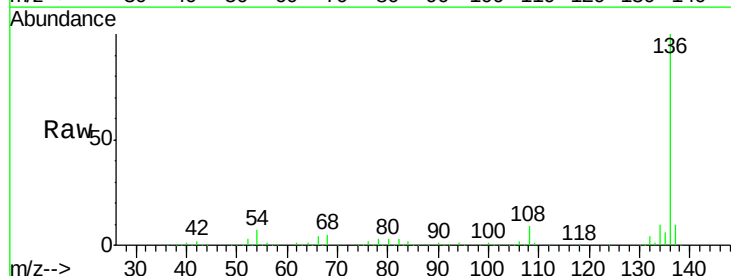
Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

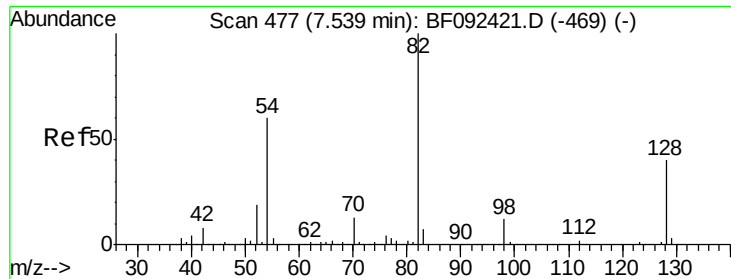
Tgt Ion: 70 Resp: 118296
Ion Ratio Lower Upper
70 100
42 57.2 49.4 74.0
101 0.0 7.4 11.2#
130 1.5 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF092608.D
Acq: 28 Jan 2017 6:34

Tgt Ion: 136 Resp: 590958
Ion Ratio Lower Upper
136 100
137 10.0 8.4 12.6
54 6.8 4.5 6.7#
68 4.8 3.6 5.4

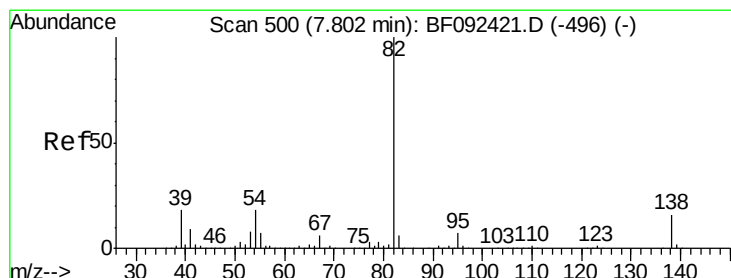
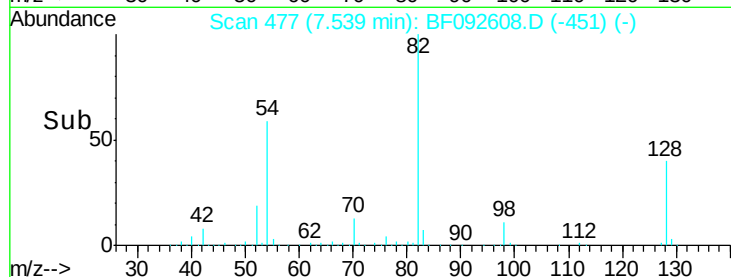
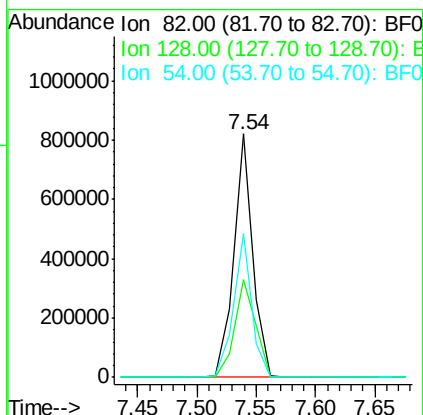
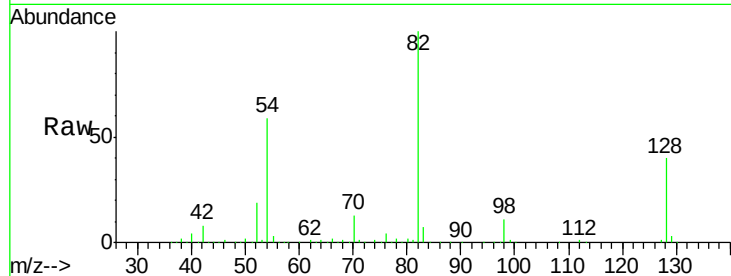




#23
 Nitrobenzene-d5
 Concen: 84.35 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF092608.D
 Acq: 28 Jan 2017 6:34

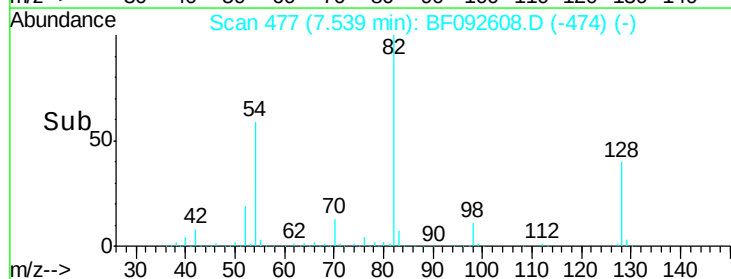
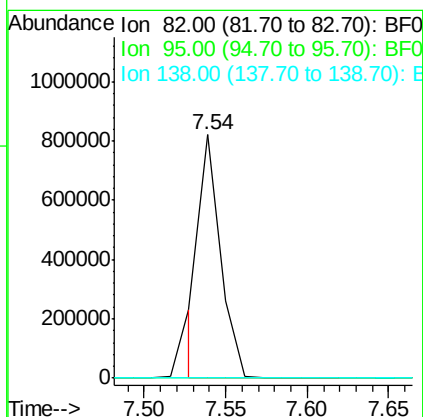
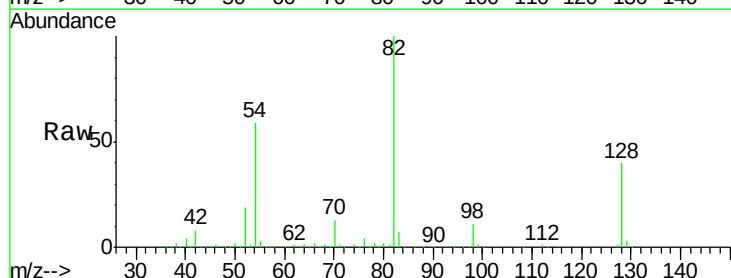
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

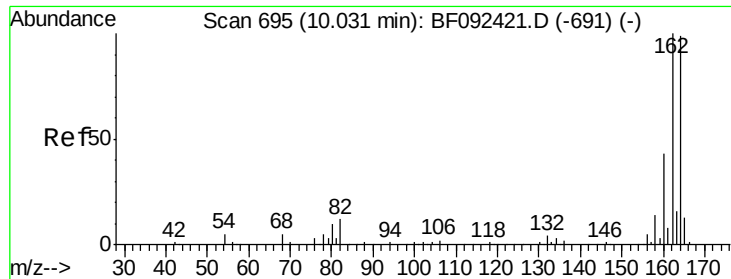
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.6	52.0
54	58.8	39.5	59.3



#25
 Isophorone
 Concen: 34.94 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.26 min
 Lab File: BF092608.D
 Acq: 28 Jan 2017 6:34

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF092608.D

Acq: 28 Jan 2017 6:34

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

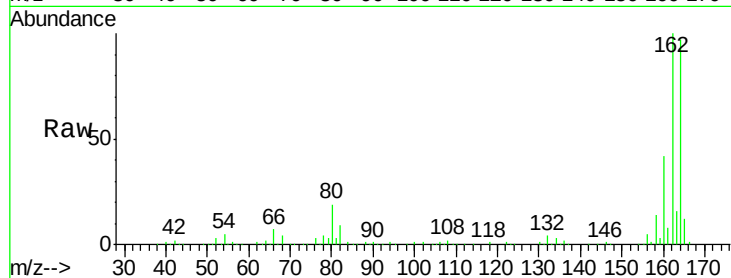
Tgt Ion:164 Resp: 292487

Ion Ratio Lower Upper

164 100

162 103.2 80.2 120.2

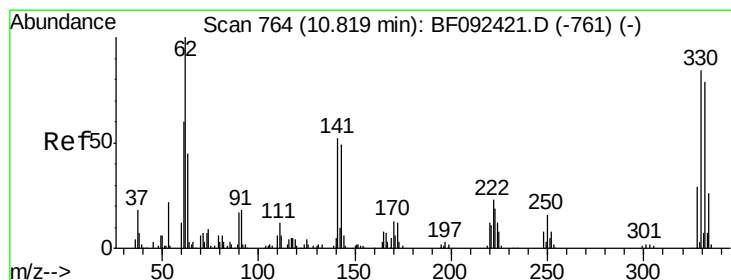
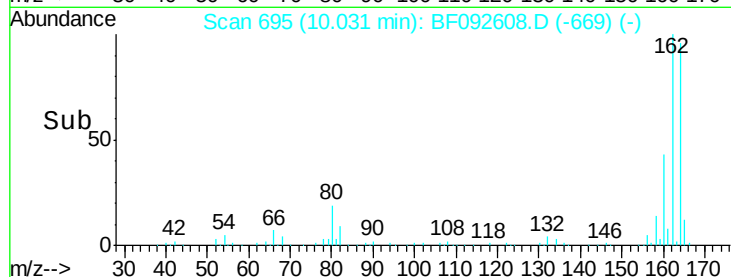
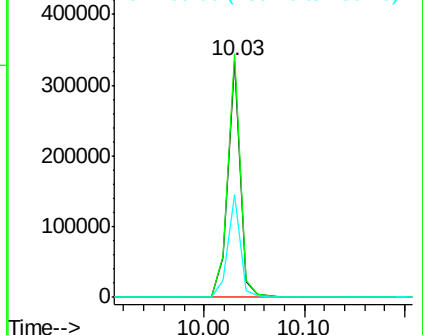
160 43.8 36.9 55.3



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: 116.31 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF092608.D

Acq: 28 Jan 2017 6:34

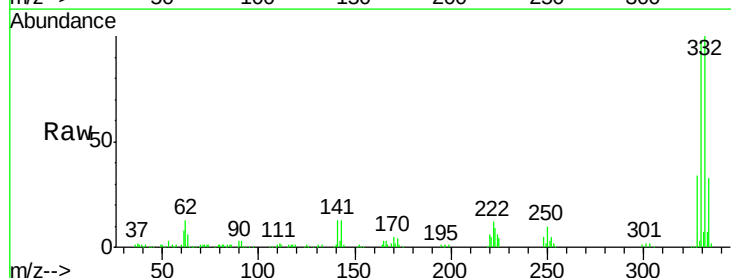
Tgt Ion:330 Resp: 231817

Ion Ratio Lower Upper

330 100

332 98.1 77.4 116.2

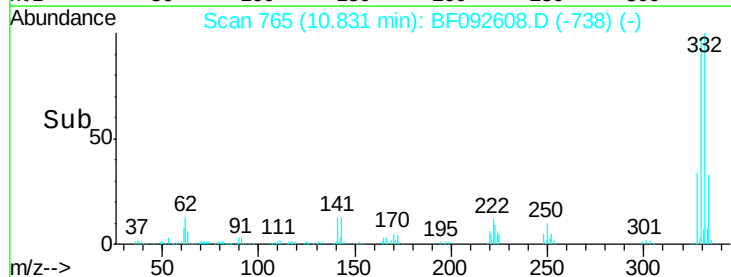
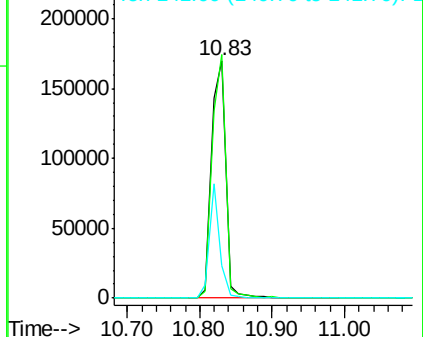
141 35.5 34.1 51.1

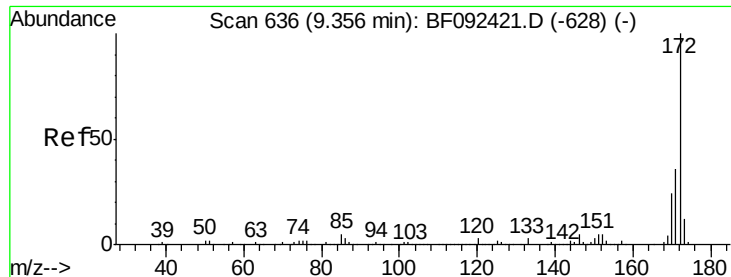


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

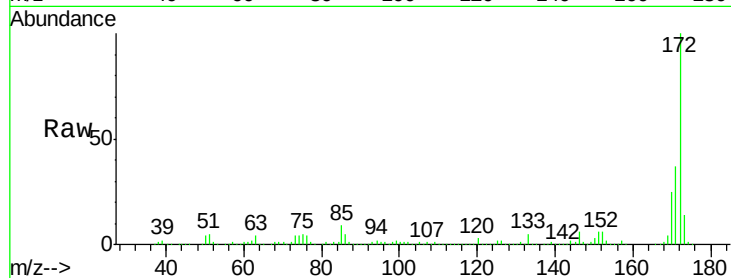




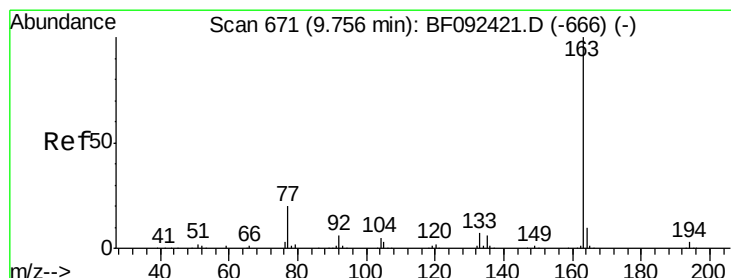
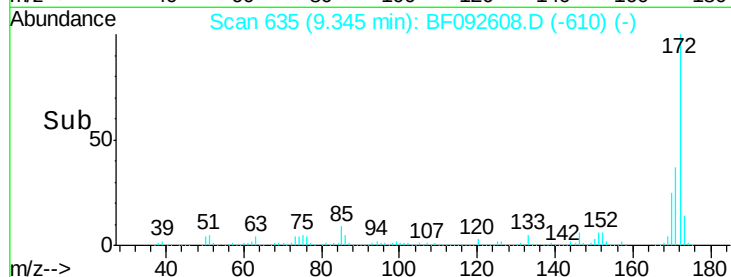
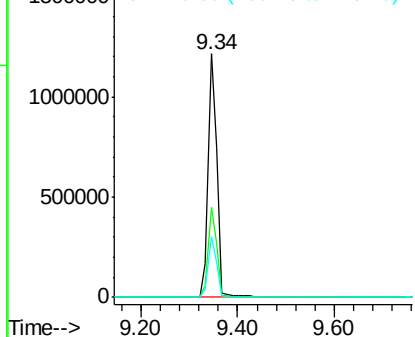
#44
 2-Fluorobiphenyl
 Concen: 96.76 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092608.D
 Acq: 28 Jan 2017 6:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Tgt Ion:172 Resp: 1530420
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.8 20.2 30.4

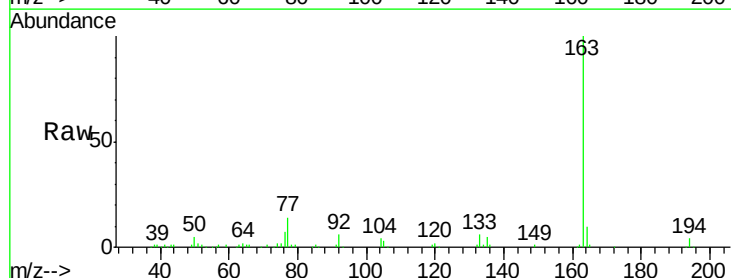


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

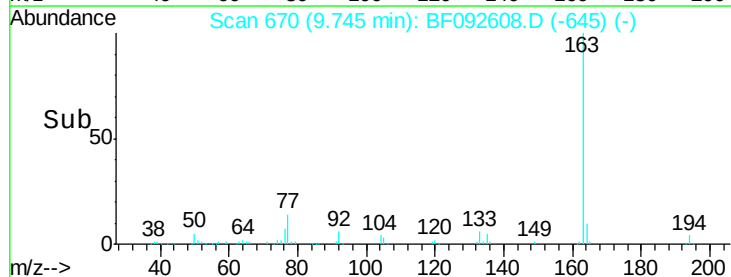
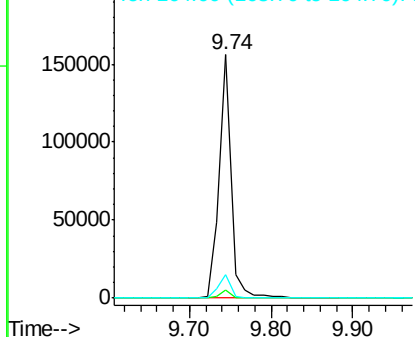


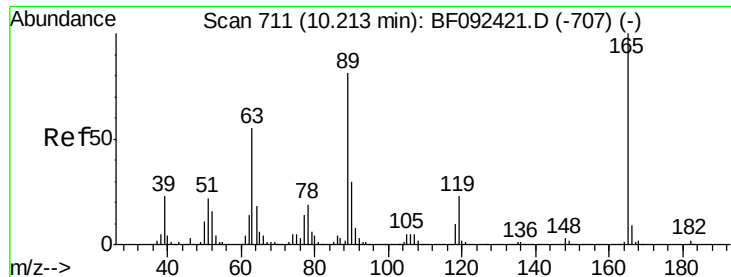
#49
 Dimethylphthalate
 Concen: 8.59 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092608.D
 Acq: 28 Jan 2017 6:34

Tgt Ion:163 Resp: 159782
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.4
 164 9.8 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

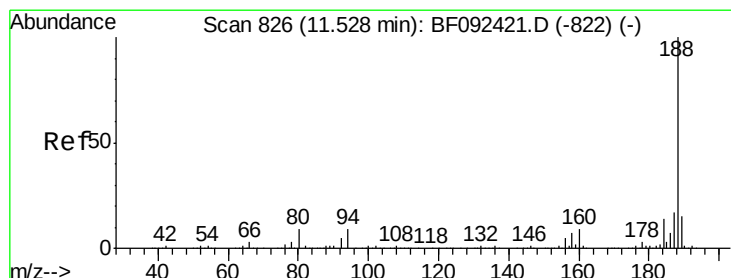
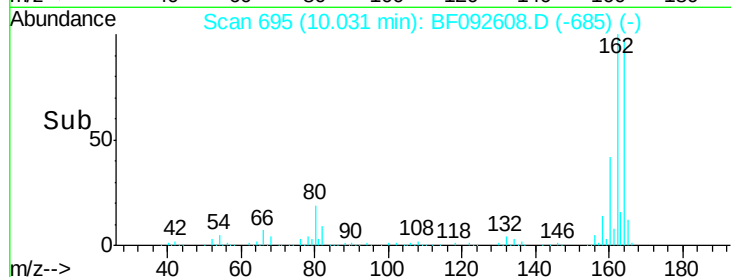
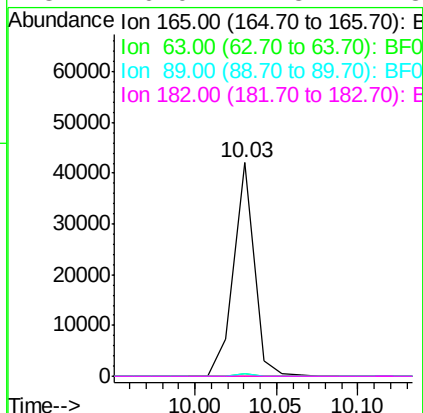
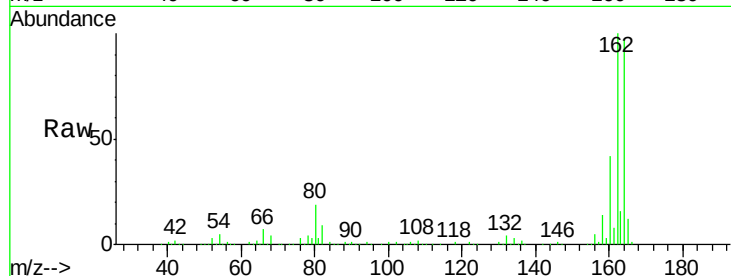




#56
 2,4-Dinitrotoluene
 Concen: 7.25 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.18 min
 Lab File: BF092608.D
 Acq: 28 Jan 2017 6:34

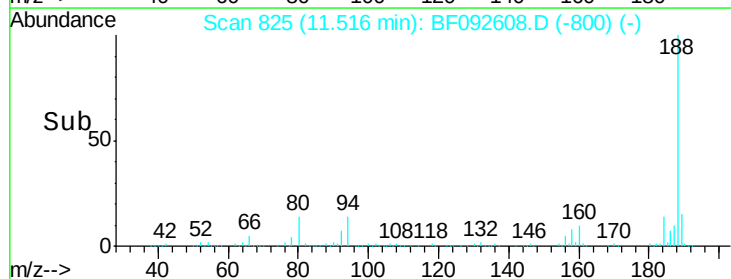
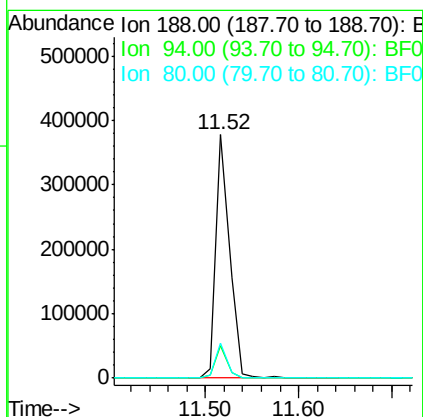
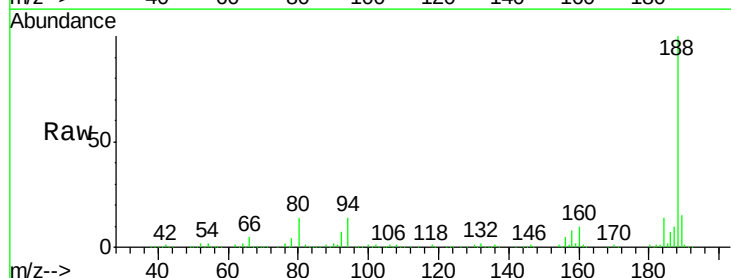
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

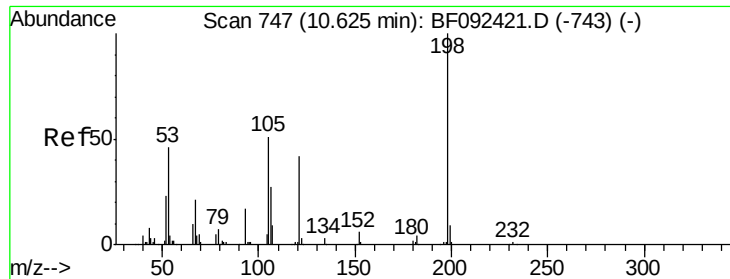
Tgt Ion:	165	Resp:	36581
Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092608.D
 Acq: 28 Jan 2017 6:34

Tgt Ion:	188	Resp:	385303
Ion	Ratio	Lower	Upper
188	100		
94	13.6	10.0	15.0
80	14.4	11.2	16.8

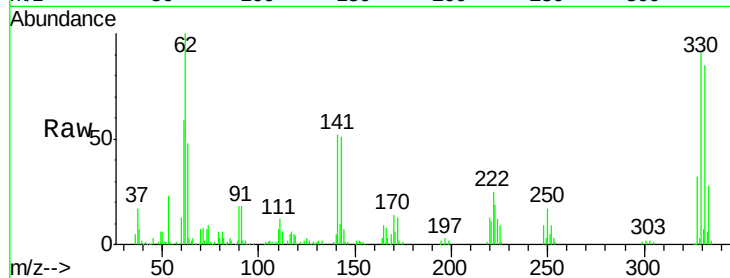




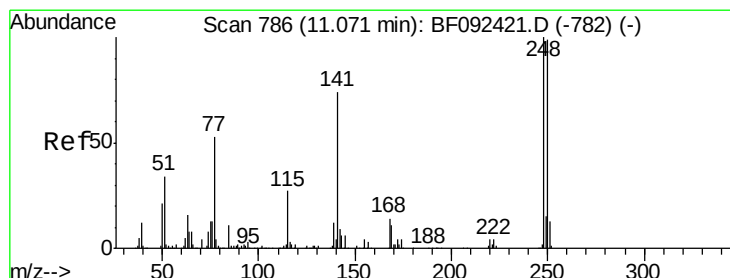
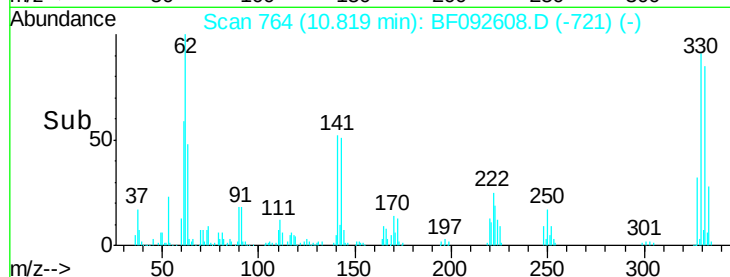
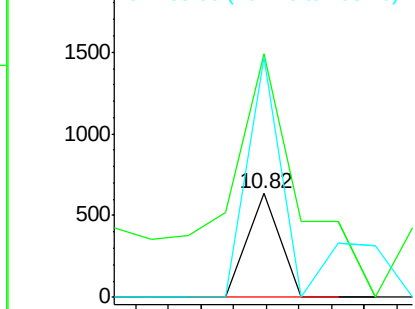
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.14 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.20 min
 Lab File: BF092608.D
 Acq: 28 Jan 2017 6:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Tgt Ion:198 Resp: 434
 Ion Ratio Lower Upper
 198 100
 51 235.2 6.7 46.7#
 105 231.4 16.6 56.6#

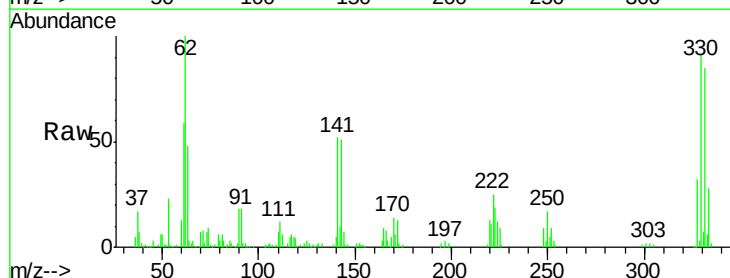


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

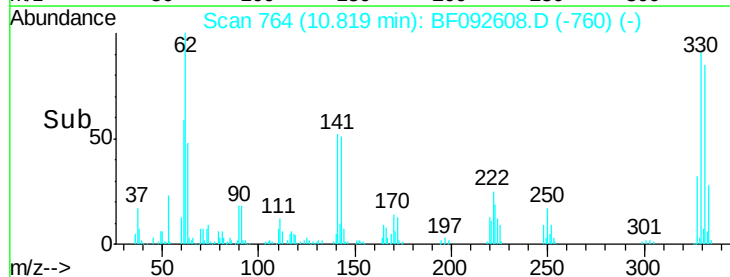
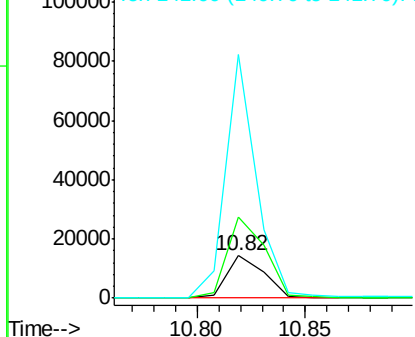


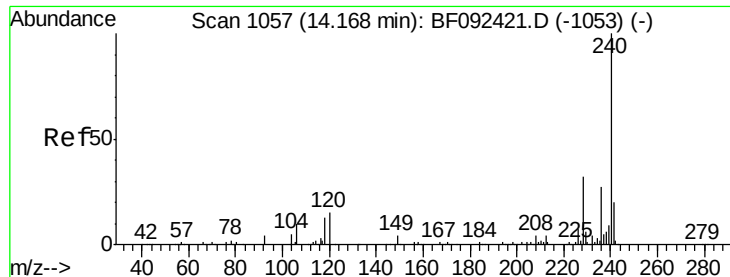
#66
 4-Bromophenyl-phenylether
 Concen: 4.36 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.25 min
 Lab File: BF092608.D
 Acq: 28 Jan 2017 6:34

Tgt Ion:248 Resp: 16965
 Ion Ratio Lower Upper
 248 100
 250 193.0 76.9 115.3#
 141 575.4 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF092608.D

Acq: 28 Jan 2017 6:34

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

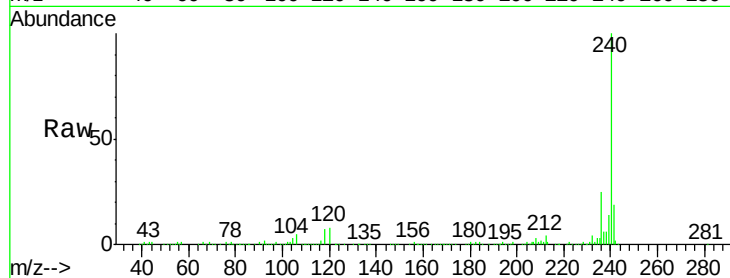
Tgt Ion:240 Resp: 326282

Ion Ratio Lower Upper

240 100

120 7.9 12.9 19.3#

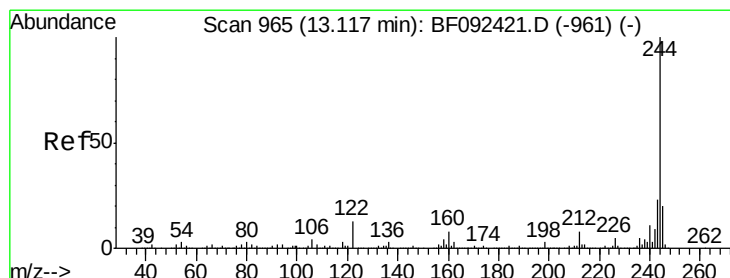
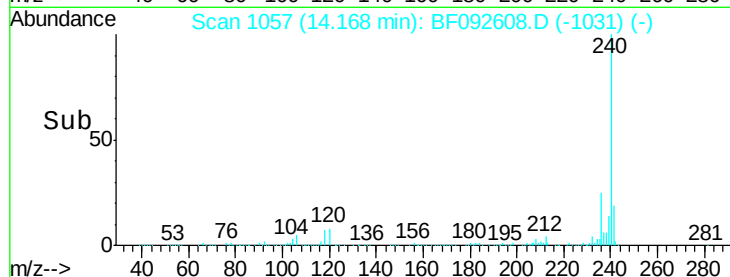
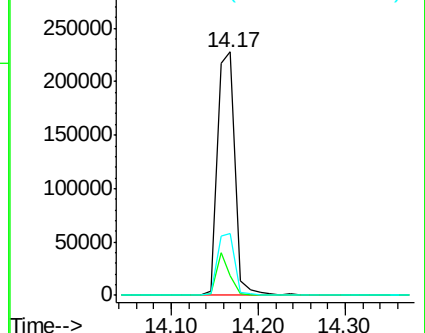
236 25.4 20.9 31.3



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: 89.12 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092608.D

Acq: 28 Jan 2017 6:34

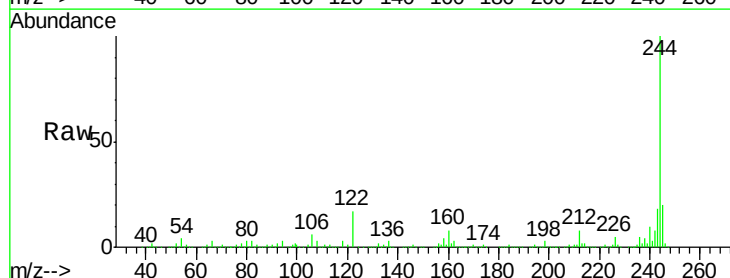
Tgt Ion:244 Resp: 1092034

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

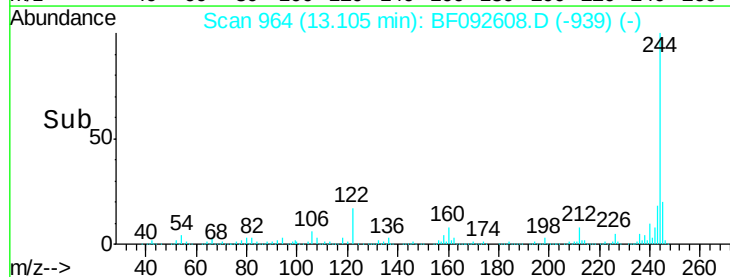
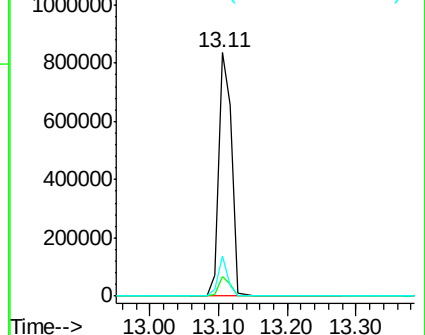
122 16.5 11.4 17.2

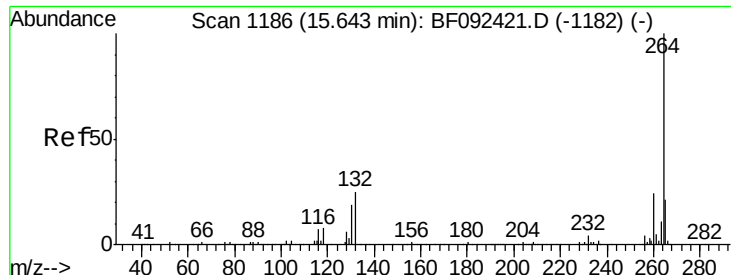


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092608.D
Acq: 28 Jan 2017 6:34

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.0	17.4	26.0

