

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020217\
 Data File : BF092748.D
 Acq On : 2 Feb 2017 21:15
 Operator : SJ/MA
 Sample : I1650-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-COMP

Quant Time: Feb 02 23:58:14 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

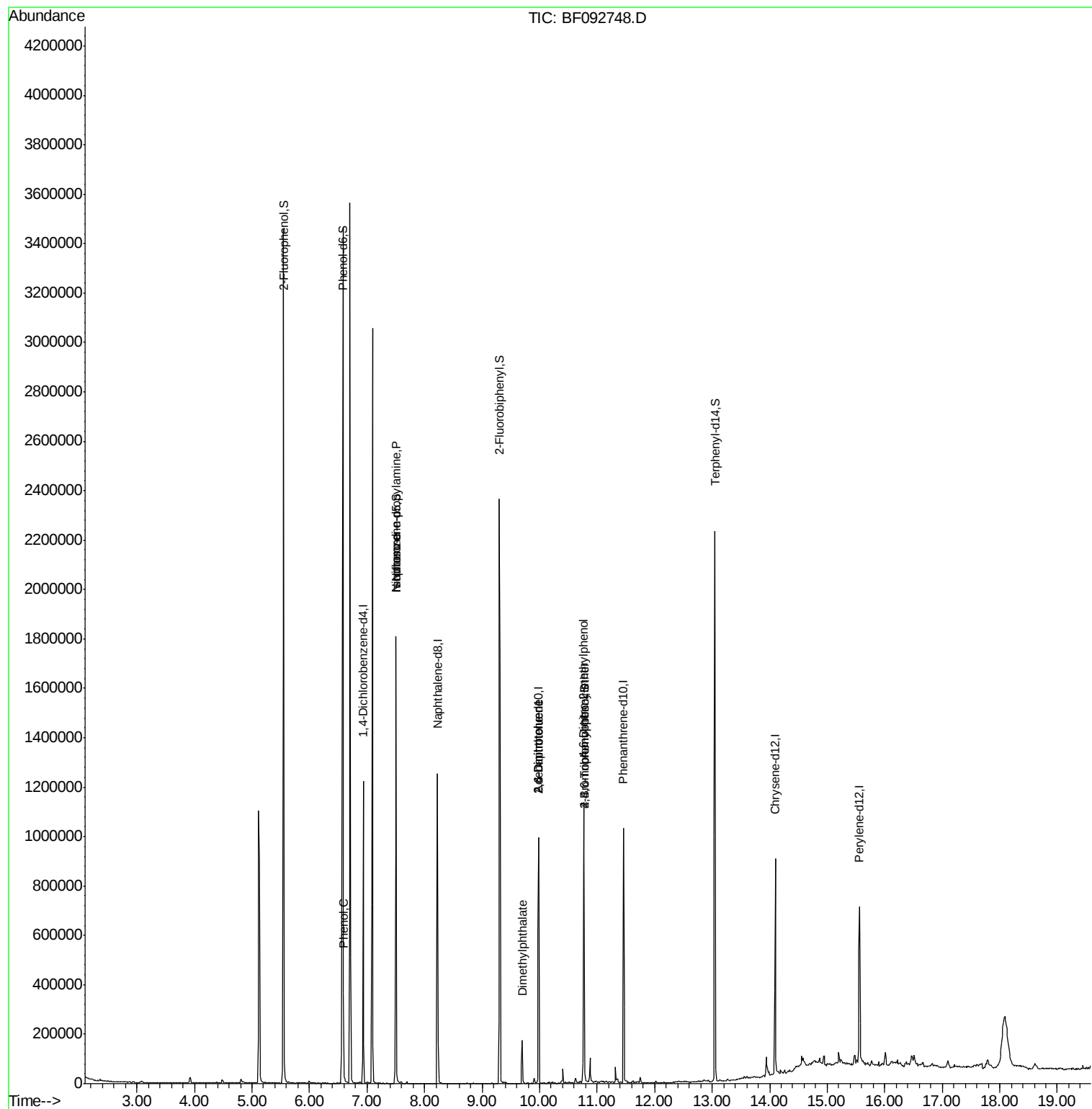
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	161182	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	544063	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	279103	20.00	ng	-0.02
63) Phenanthrene-d10	11.46	188	388233	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	317657	20.00	ng	-0.05
86) Perylene-d12	15.56	264	313955	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1019602	108.53	ng	-0.02
7) Phenol-d6	6.58	99	1301648	107.68	ng	-0.02
23) Nitrobenzene-d5	7.50	82	671645	68.75	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	191910	95.07	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1077888	69.97	ng	-0.03
78) Terphenyl-d14	13.05	244	758405	56.10	ng	-0.03
Target Compounds						
10) Phenol	6.59	94	88607	6.27	ng	# 63
19) n-Nitroso-di-n-propylamine	7.50	70	89196	11.59	ng	# 77
25) Isophorone	7.50	82	659895	36.25	ng	# 65
49) Dimethylphthalate	9.70	163	88203	4.69	ng	100
50) 2,6-Dinitrotoluene	9.98	165	34833	8.58	ng	# 30
56) 2,4-Dinitrotoluene	9.98	165	34834	6.44	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.76	198	276	2.78	ng	# 1
66) 4-Bromophenyl-phenylether	10.77	248	12534	3.09	ng	# 1

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

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092748.D

Acq: 2 Feb 2017 21:15

Instrument :

BNA_F

ClientSampleId :

SB-34-COMP

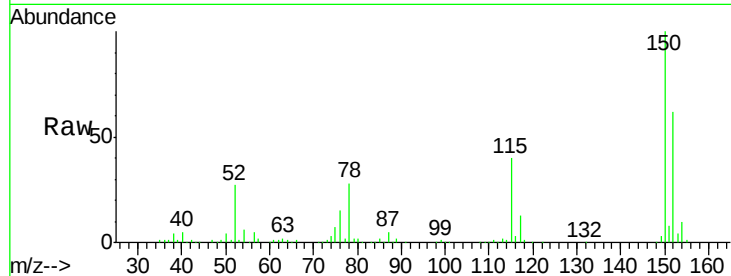
Tgt Ion:152 Resp: 161182

Ion Ratio Lower Upper

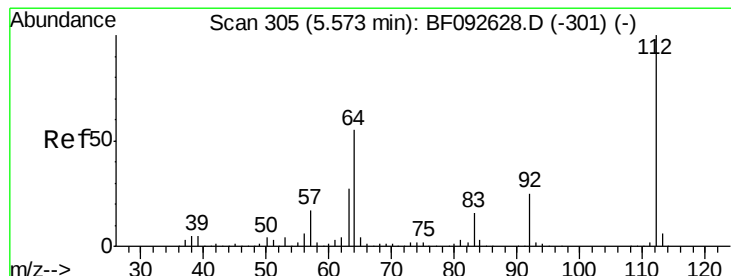
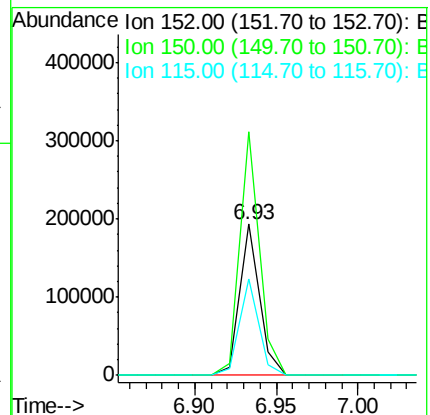
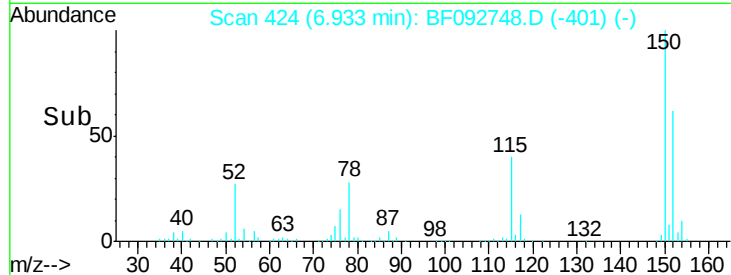
152 100

150 161.0 124.9 187.3

115 64.1 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: 108.53 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092748.D

Acq: 2 Feb 2017 21:15

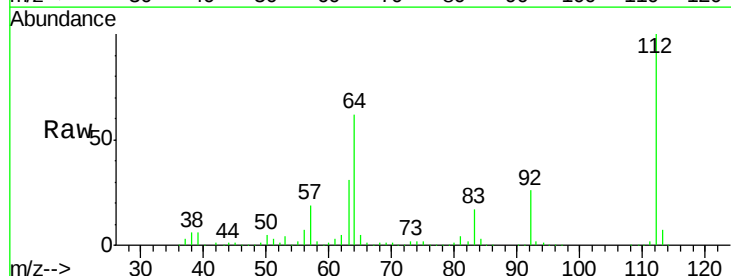
Tgt Ion:112 Resp: 1019602

Ion Ratio Lower Upper

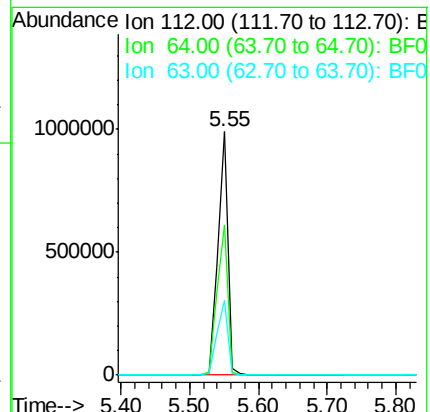
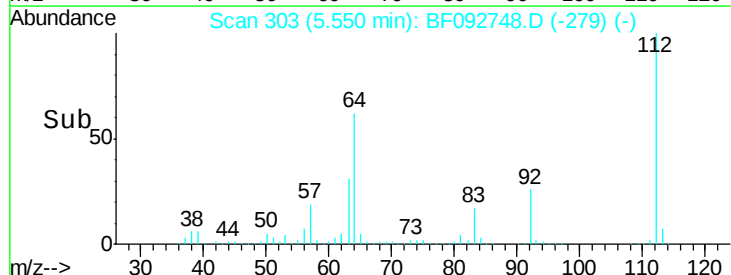
112 100

64 61.6 46.1 69.1

63 30.7 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: 107.68 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092748.D

Acq: 2 Feb 2017 21:15

Instrument :

BNA_F

ClientSampleId :

SB-34-COMP

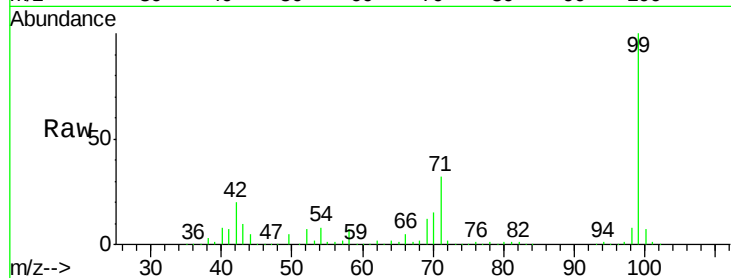
Tgt Ion: 99 Resp: 1301648

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

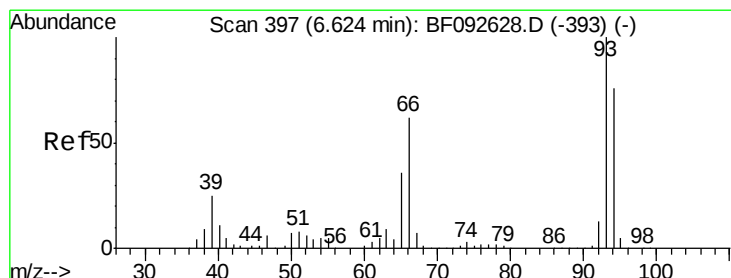
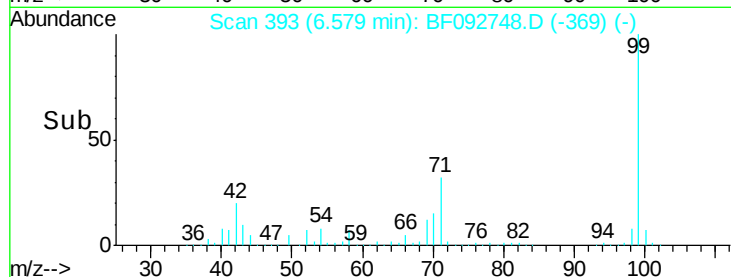
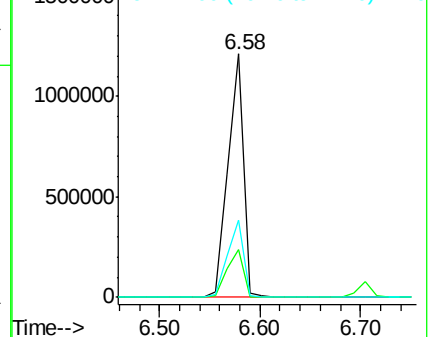
71 32.0 27.5 41.3



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: 6.27 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092748.D

Acq: 2 Feb 2017 21:15

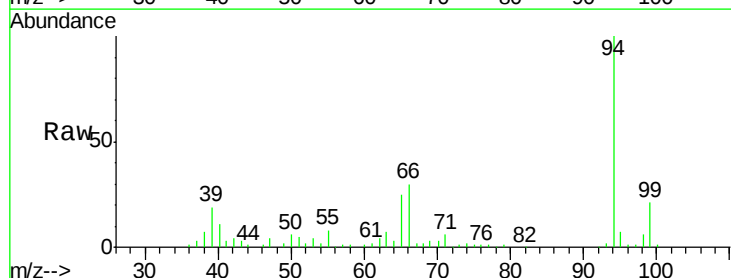
Tgt Ion: 94 Resp: 88607

Ion Ratio Lower Upper

94 100

65 24.8 21.4 61.4

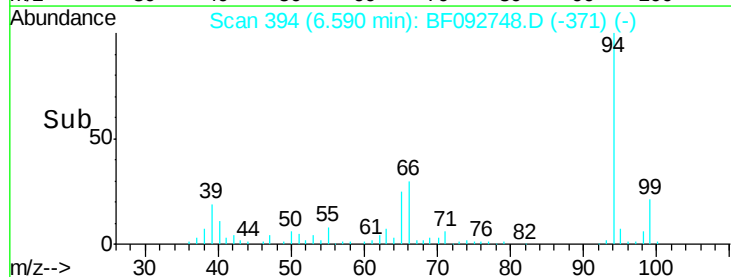
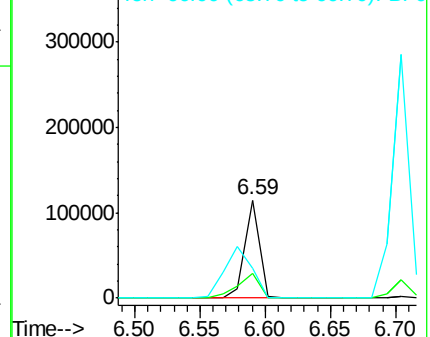
66 30.3 44.0 84.0#



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

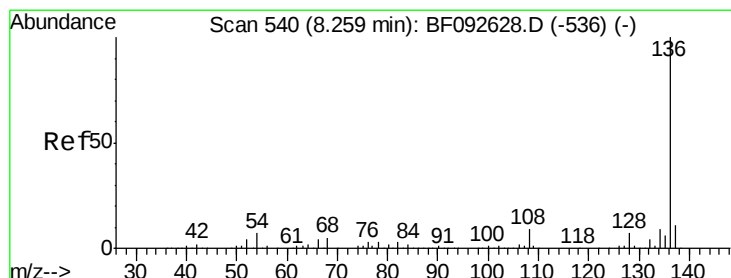
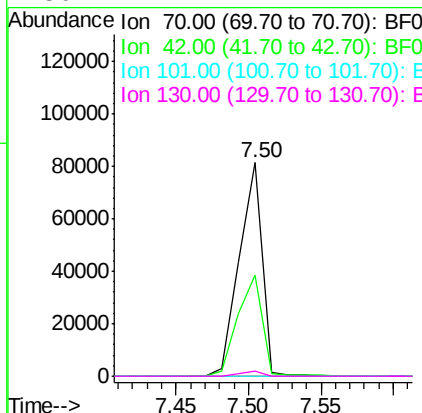
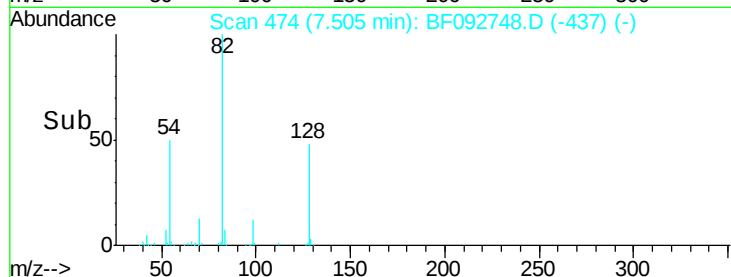
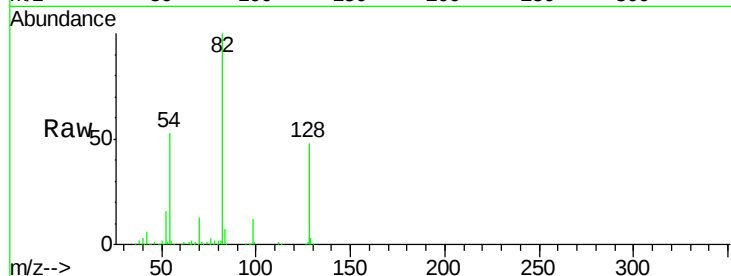




#19
n-Nitroso-di-n-propylamine
Concen: 11.59 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.13 min
Lab File: BF092748.D
Acq: 2 Feb 2017 21:15

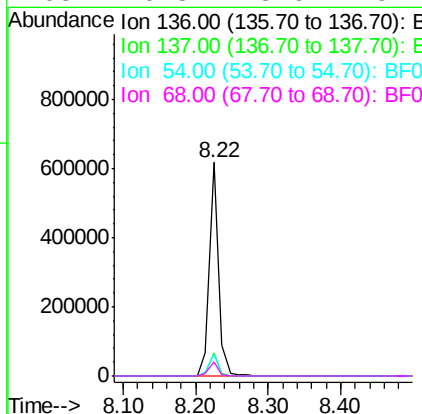
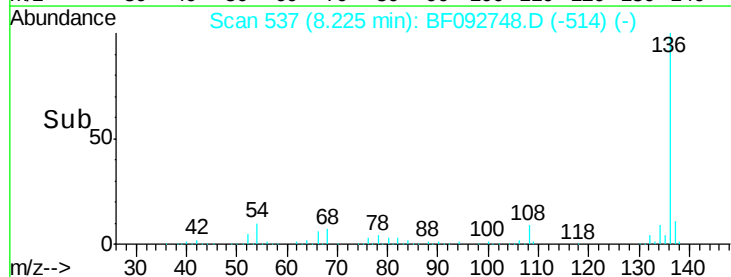
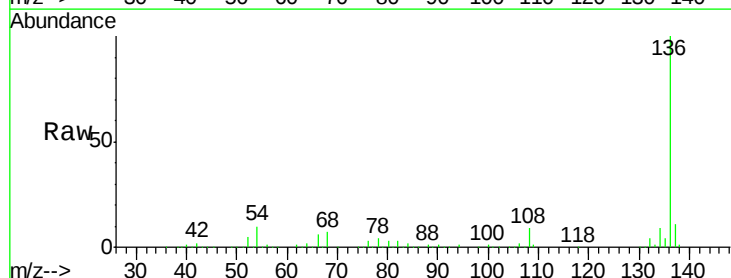
Instrument :
BNA_F
ClientSampleId :
SB-34-COMP

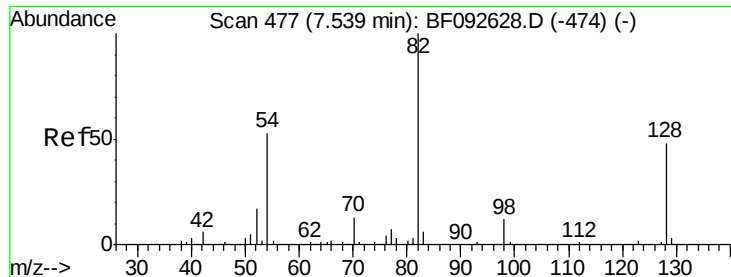
Tgt Ion: 70 Resp: 89196
Ion Ratio Lower Upper
70 100
42 47.3 49.4 74.0#
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092748.D
Acq: 2 Feb 2017 21:15

Tgt Ion: 136 Resp: 544063
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 10.0 4.5 6.7#
68 6.8 3.6 5.4#

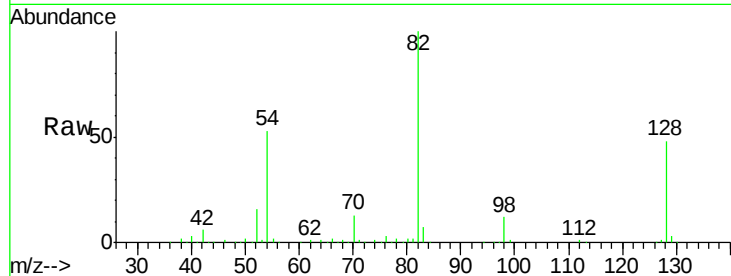




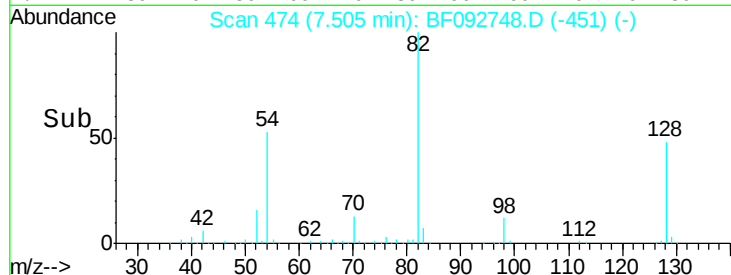
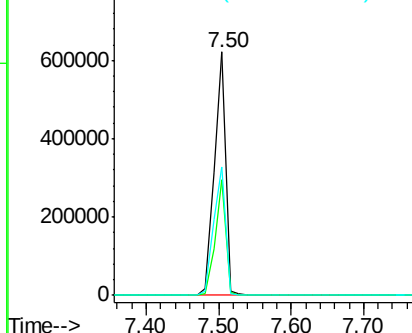
#23
 Nitrobenzene-d5
 Concen: 68.75 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.03 min
 Lab File: BF092748.D
 Acq: 2 Feb 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-COMP

Tgt Ion: 82 Resp: 671645
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.6 52.0
 54 52.6 39.5 59.3

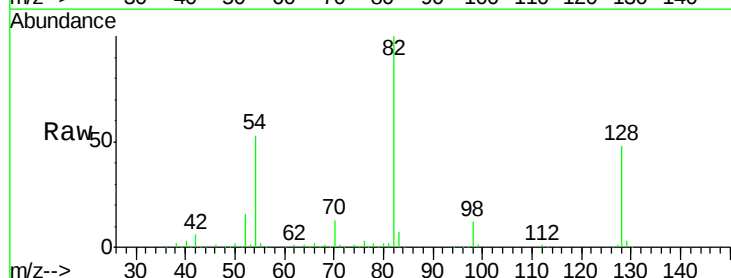


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

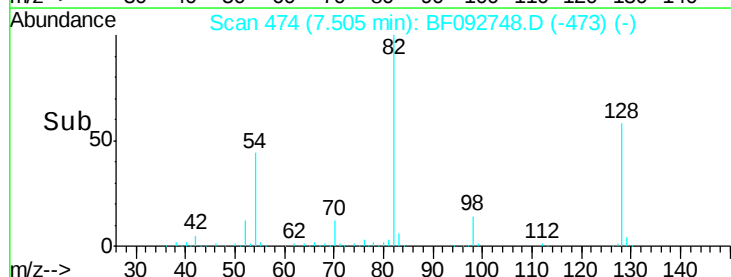
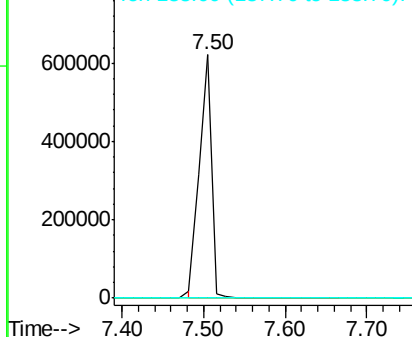


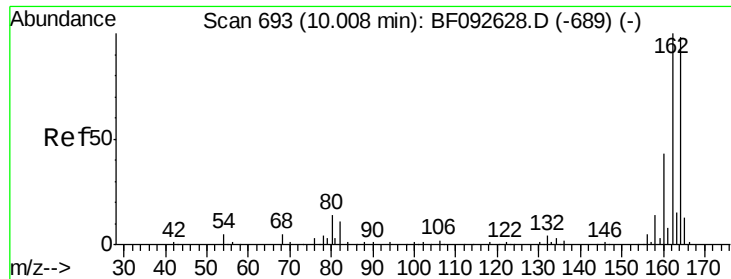
#25
 Isophorone
 Concen: 36.25 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.29 min
 Lab File: BF092748.D
 Acq: 2 Feb 2017 21:15

Tgt Ion: 82 Resp: 659895
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

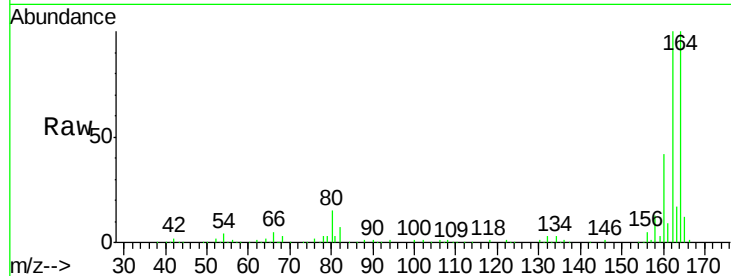




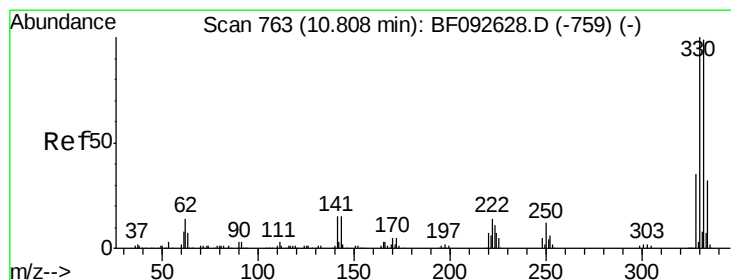
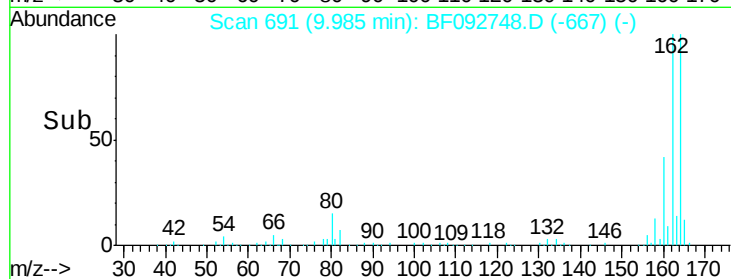
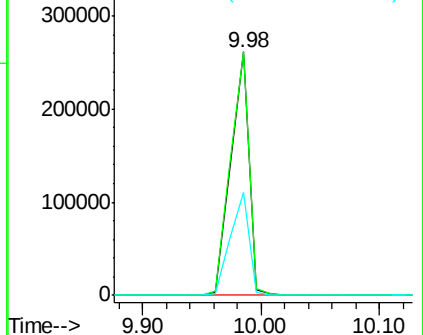
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF092748.D
 Acq: 2 Feb 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-COMP

Tgt Ion:164 Resp: 279103
 Ion Ratio Lower Upper
 164 100
 162 100.0 80.2 120.2
 160 42.3 36.9 55.3

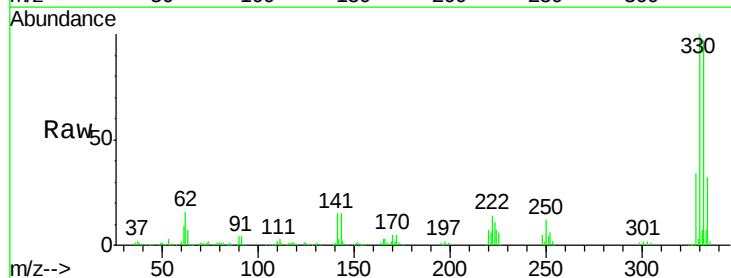


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

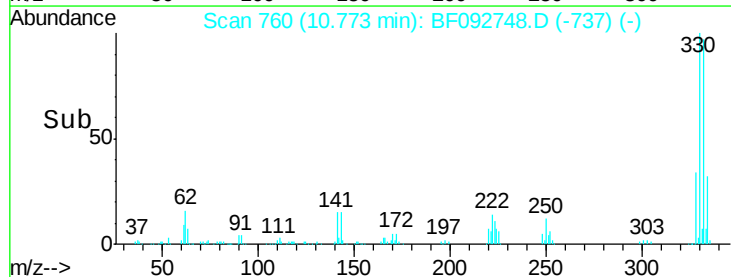
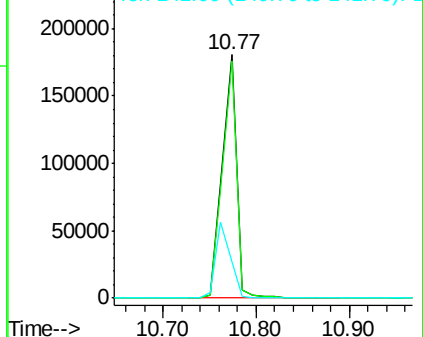


#41
 2,4,6-Tribromophenol
 Concen: 95.07 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092748.D
 Acq: 2 Feb 2017 21:15

Tgt Ion:330 Resp: 191910
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 32.2 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

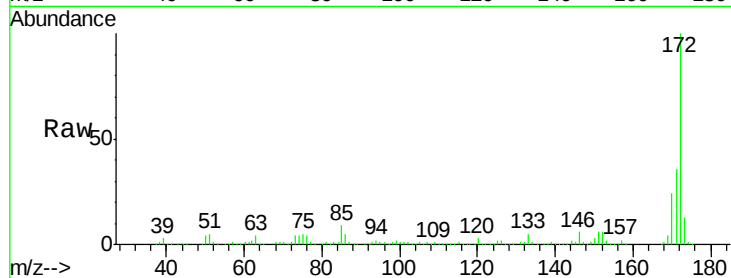




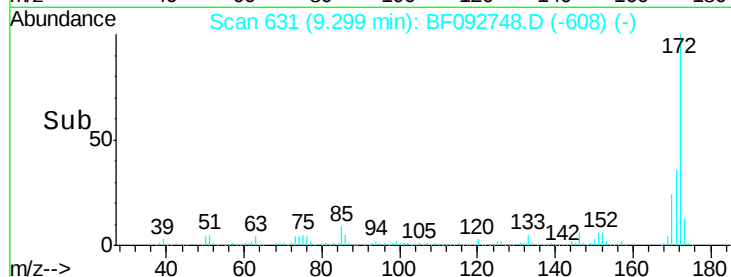
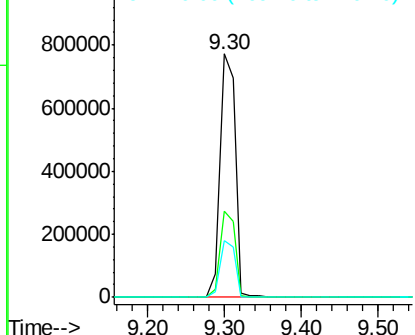
#44
2-Fluorobiphenyl
Concen: 69.97 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF092748.D
Acq: 2 Feb 2017 21:15

Instrument :
BNA_F
ClientSampleId :
SB-34-COMP

Tgt Ion:172 Resp: 1077888
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 23.6 20.2 30.4

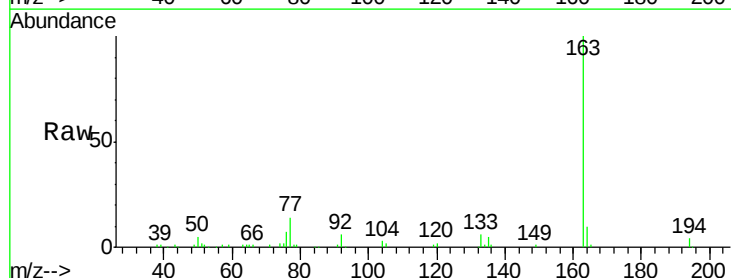


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

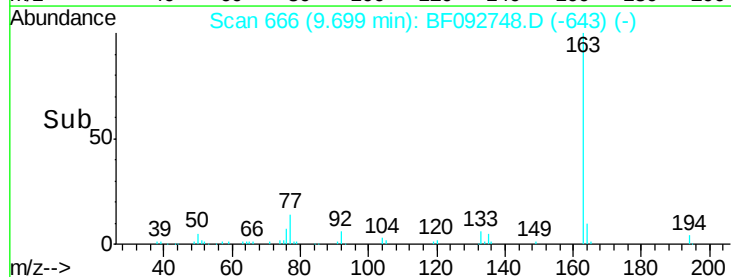
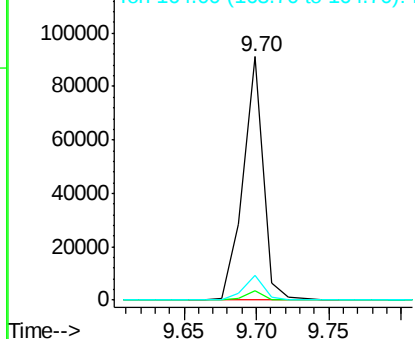


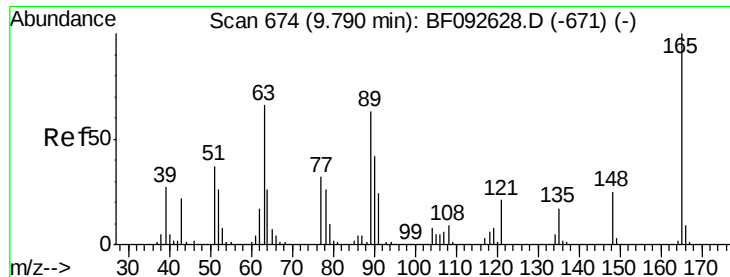
#49
Dimethylphthalate
Concen: 4.69 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF092748.D
Acq: 2 Feb 2017 21:15

Tgt Ion:163 Resp: 88203
Ion Ratio Lower Upper
163 100
194 3.7 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

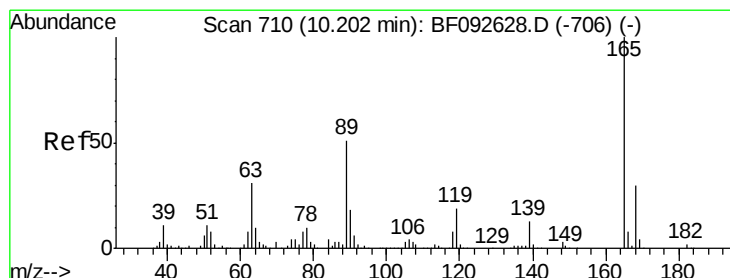
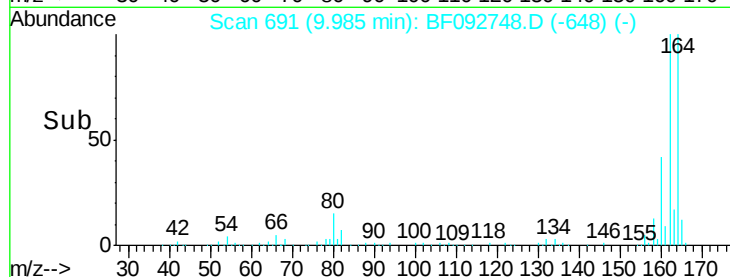
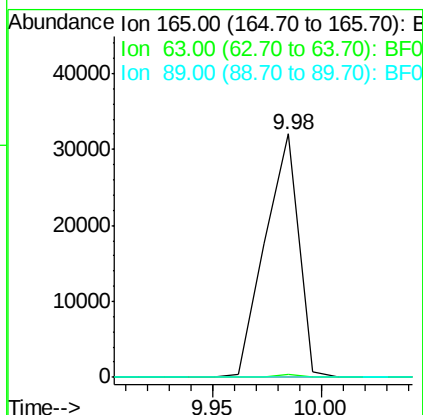
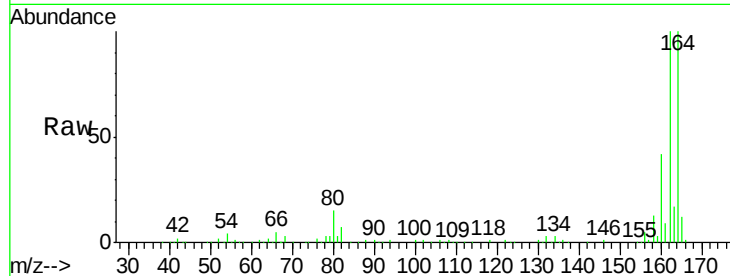




#50
2,6-Dinitrotoluene
Concen: 8.58 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.19 min
Lab File: BF092748.D
Acq: 2 Feb 2017 21:15

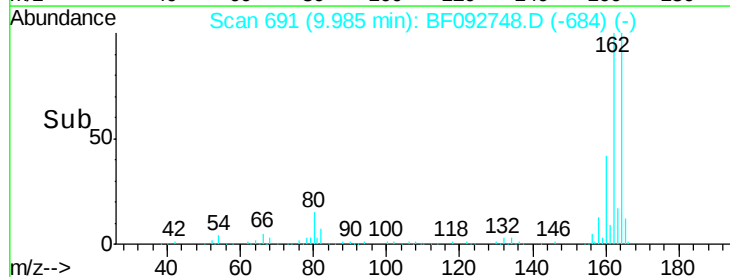
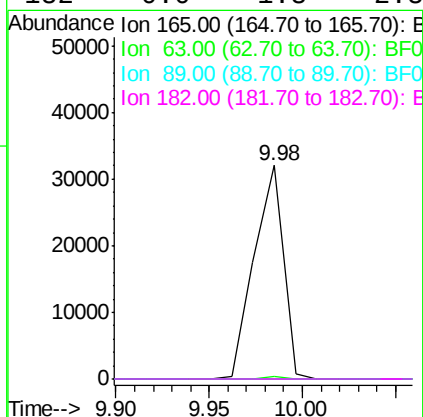
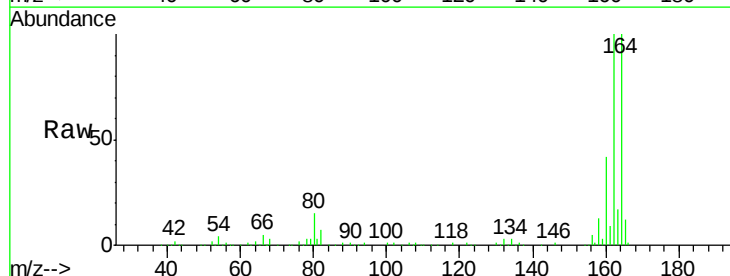
Instrument :
BNA_F
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SB-34-COMP

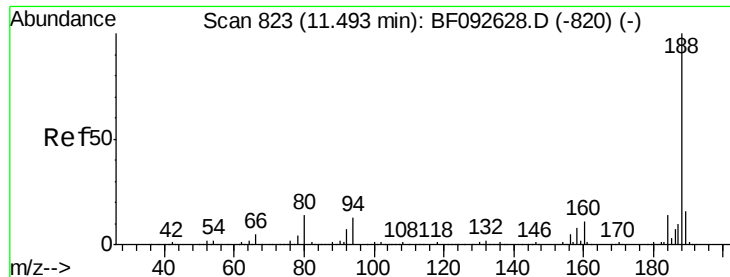
Tgt Ion:165 Resp: 34833
Ion Ratio Lower Upper
165 100
63 1.2 36.2 54.4#
89 0.0 40.2 60.4#



#56
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.22 min
Lab File: BF092748.D
Acq: 2 Feb 2017 21:15

Tgt Ion:165 Resp: 34834
Ion Ratio Lower Upper
165 100
63 1.2 40.2 60.4#
89 0.0 62.5 93.7#
182 0.0 1.8 2.8#

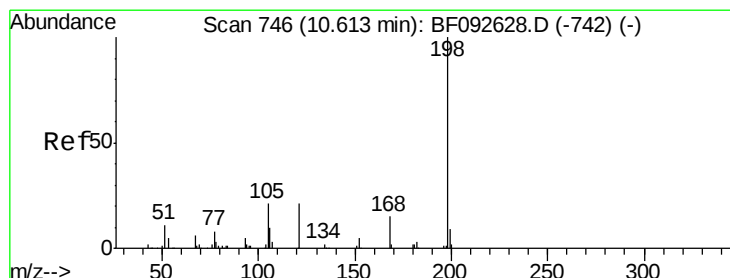
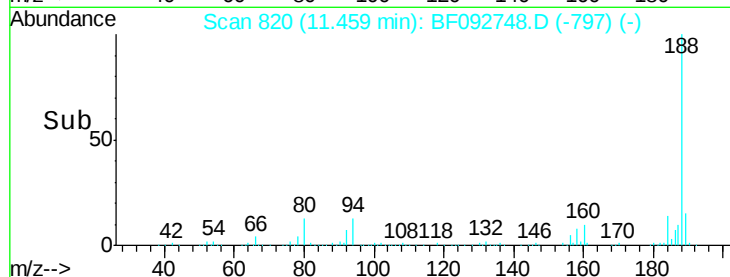
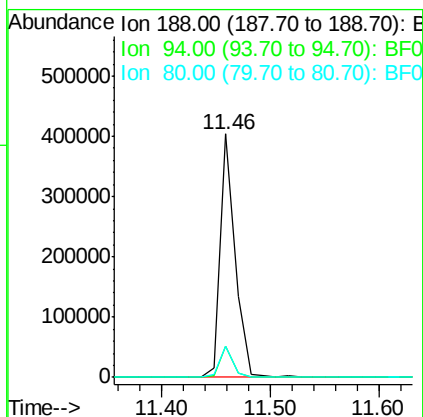
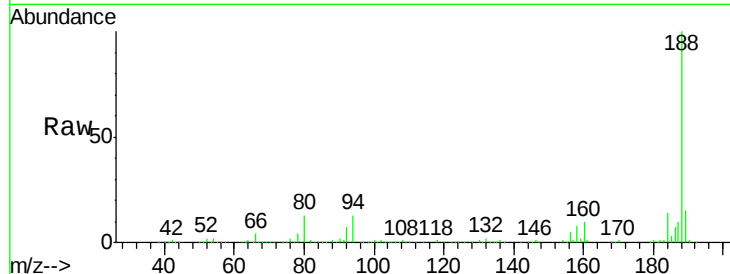




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092748.D
Acq: 2 Feb 2017 21:15

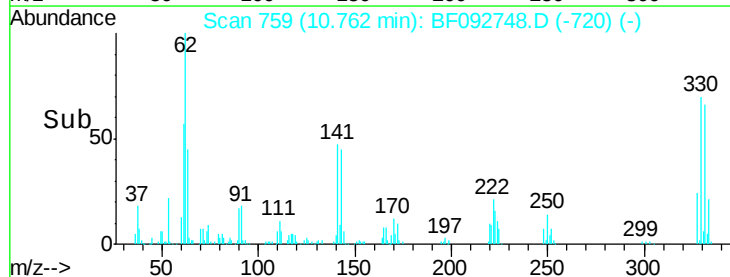
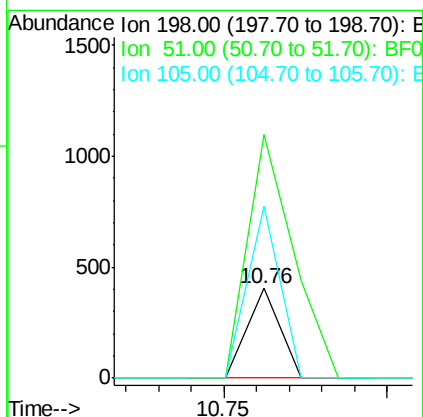
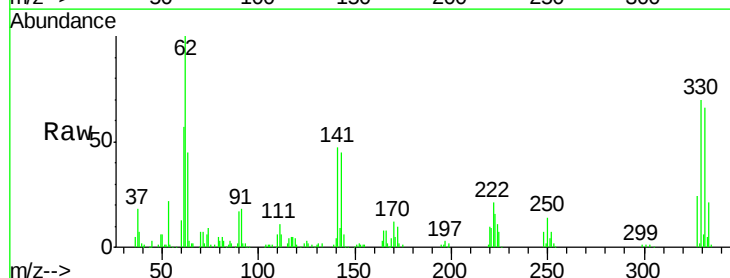
Instrument :
BNA_F
ClientSampleId :
SB-34-COMP

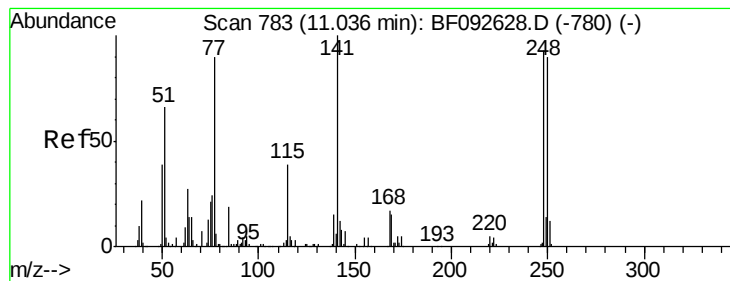
Tgt Ion:188 Resp: 388233
Ion Ratio Lower Upper
188 100
94 12.7 10.0 15.0
80 12.7 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 2.78 ng
RT: 10.76 min Scan# 759
Delta R.T. 0.15 min
Lab File: BF092748.D
Acq: 2 Feb 2017 21:15

Tgt Ion:198 Resp: 276
Ion Ratio Lower Upper
198 100
51 272.5 6.7 46.7#
105 192.1 16.6 56.6#





#66

4-Bromophenyl-phenylether

Concen: 3.09 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.26 min

Lab File: BF092748.D

Acq: 2 Feb 2017 21:15

Instrument :

BNA_F

ClientSampleId :

SB-34-COMP

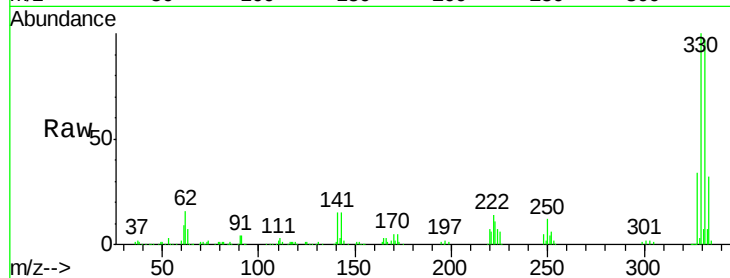
Tgt Ion:248 Resp: 12534

Ion Ratio Lower Upper

248 100

250 219.5 76.9 115.3#

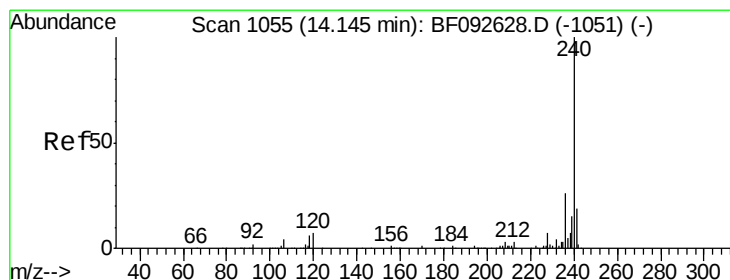
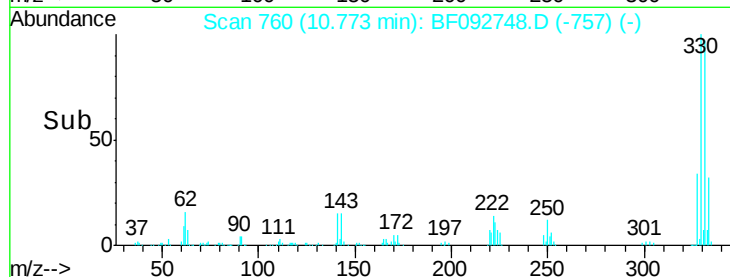
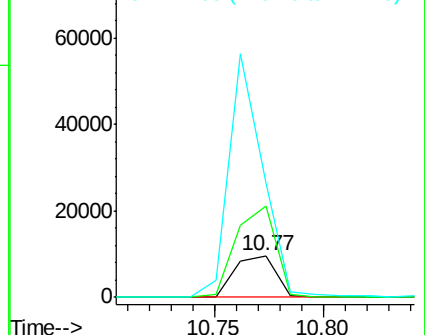
141 275.5 68.2 102.4#



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: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092748.D

Acq: 2 Feb 2017 21:15

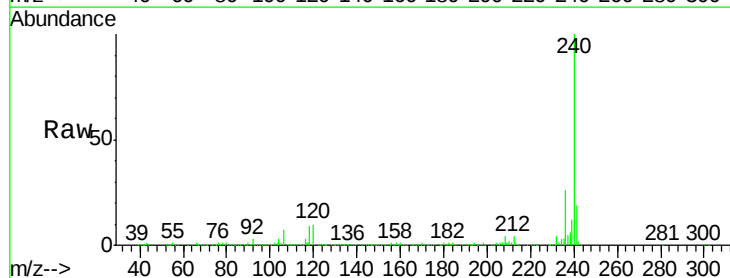
Tgt Ion:240 Resp: 317657

Ion Ratio Lower Upper

240 100

120 10.1 12.9 19.3#

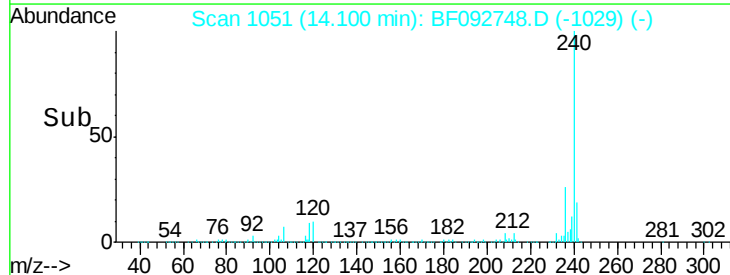
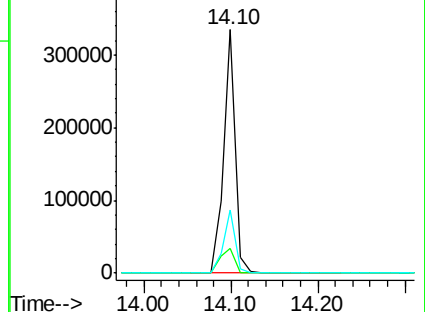
236 25.7 20.9 31.3

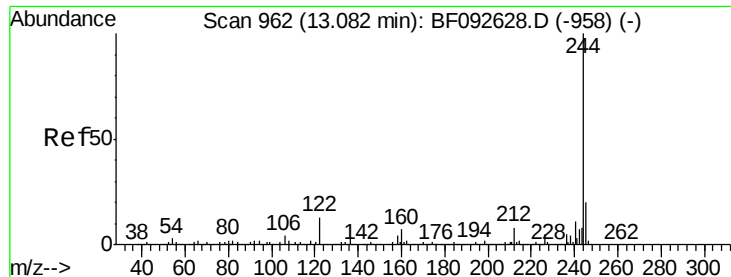


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

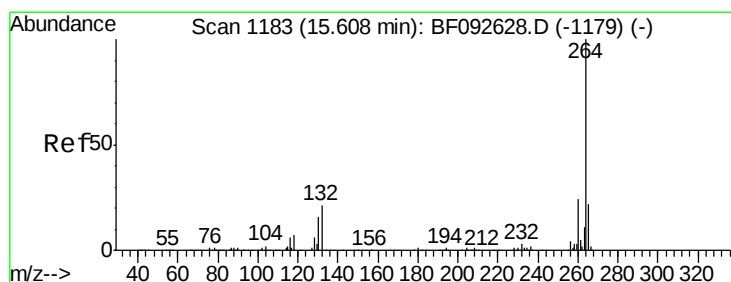
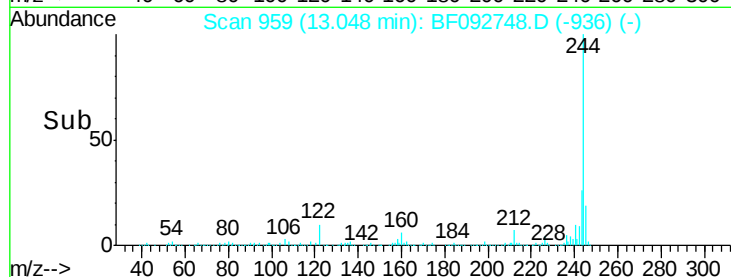
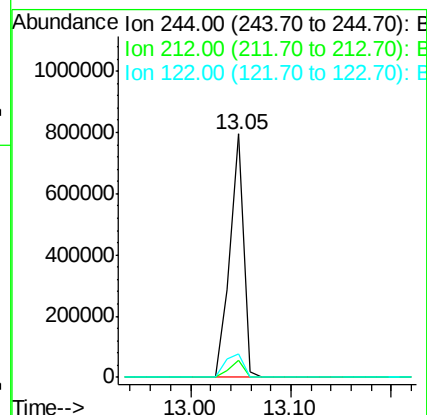
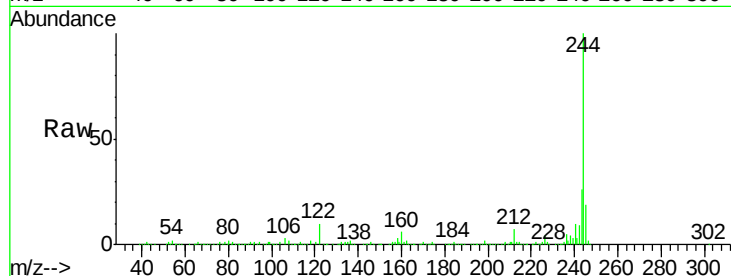




#78
 Terphenyl-d14
 Concen: 56.10 ng
 RT: 13.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF092748.D
 Acq: 2 Feb 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-COMP

Tgt Ion:244 Resp: 758405
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 9.6 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF092748.D
 Acq: 2 Feb 2017 21:15

Tgt Ion:264 Resp: 313955
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.6 17.4 26.0

