

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
 Data File : BF092842.D
 Acq On : 7 Feb 2017 21:40
 Operator : SJ/MA
 Sample : I1745-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Feb 07 23:53:05 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

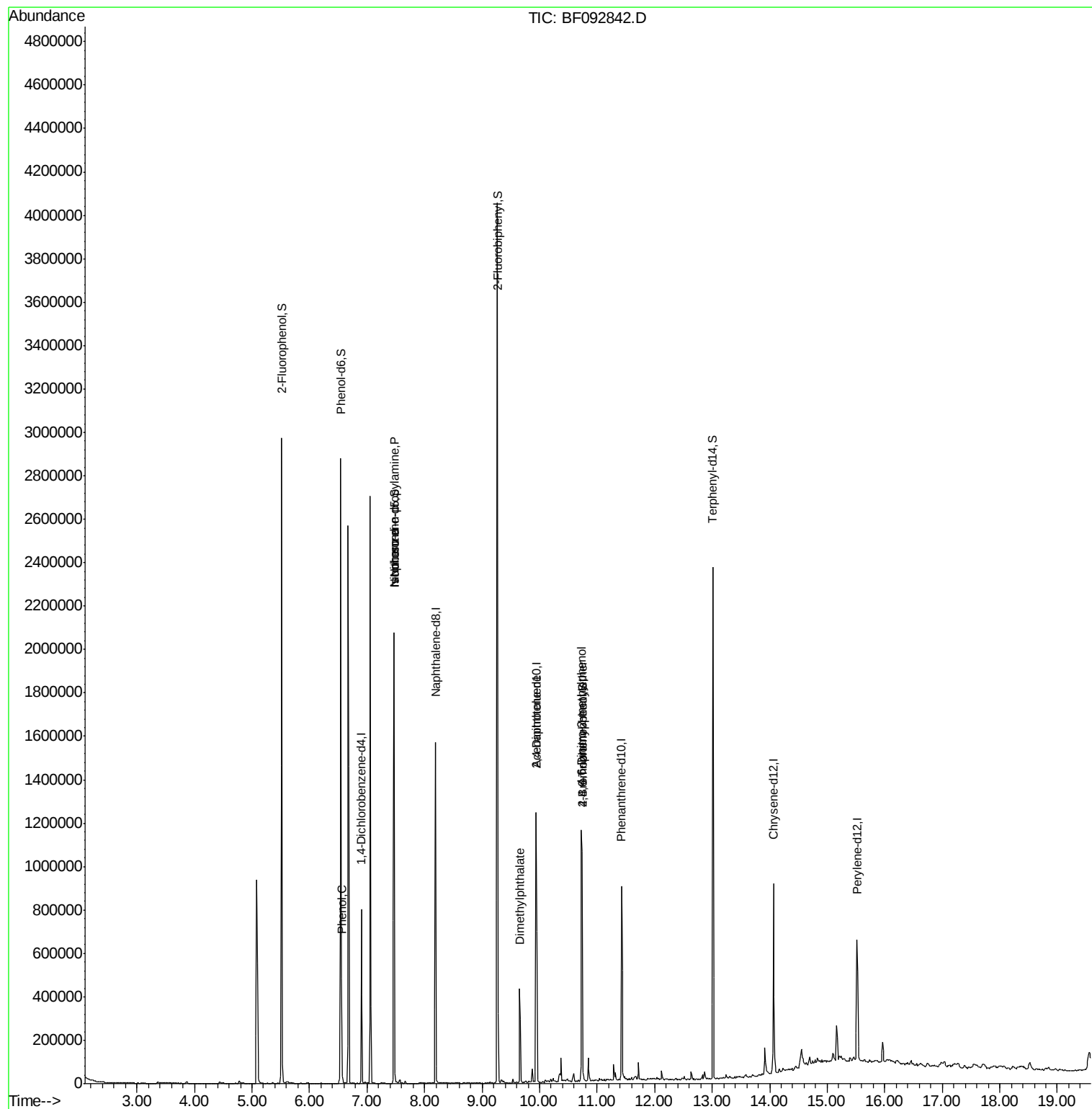
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	139442	20.00	ng	-0.07
21) Naphthalene-d8	8.19	136	672366	20.00	ng	-0.07
38) Acenaphthene-d10	9.94	164	320853	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	395592	20.00	ng	-0.07
75) Chrysene-d12	14.07	240	313012	20.00	ng	-0.08
86) Perylene-d12	15.52	264	274576	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	880799	108.37	ng	-0.06
7) Phenol-d6	6.54	99	964618	92.24	ng	-0.06
23) Nitrobenzene-d5	7.47	82	685577	56.78	ng	-0.07
41) 2,4,6-Tribromophenol	10.74	330	205954	88.75	ng	-0.07
44) 2-Fluorobiphenyl	9.26	172	1204021	67.98	ng	-0.07
78) Terphenyl-d14	13.01	244	712071	53.45	ng	-0.07
Target Compounds						
10) Phenol	6.56	94	62780	5.13	ng	# 72
19) n-Nitroso-di-n-propylamine	7.47	70	91263	13.71	ng	# 77
25) Isophorone	7.47	82	682262	30.32	ng	# 65
49) Dimethylphthalate	9.65	163	231130	10.69	ng	# 99
56) 2,4-Dinitrotoluene	9.94	165	40433	6.51	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.73	198	306	2.79	ng	# 1
66) 4-Bromophenyl-phenylether	10.74	248	14147	3.42	ng	# 1

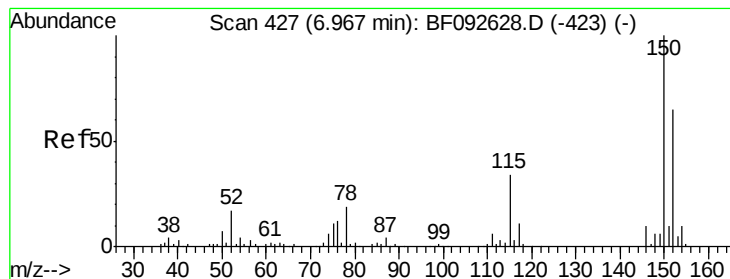
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.07 min

Lab File: BF092842.D

Acq: 7 Feb 2017 21:40

Instrument :

BNA_F

ClientSampleId :

SB-1

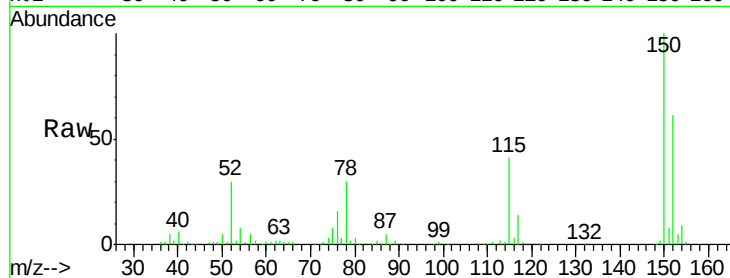
Tgt Ion:152 Resp: 139442

Ion Ratio Lower Upper

152 100

150 162.9 124.9 187.3

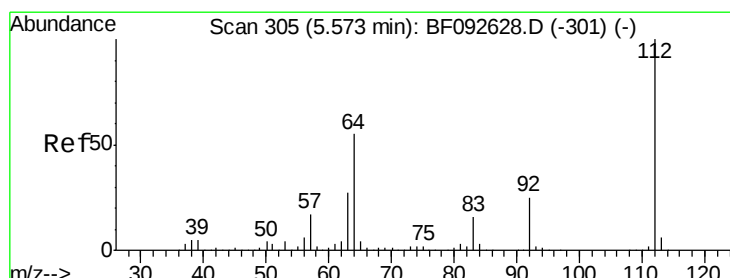
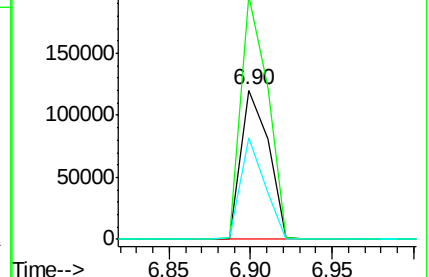
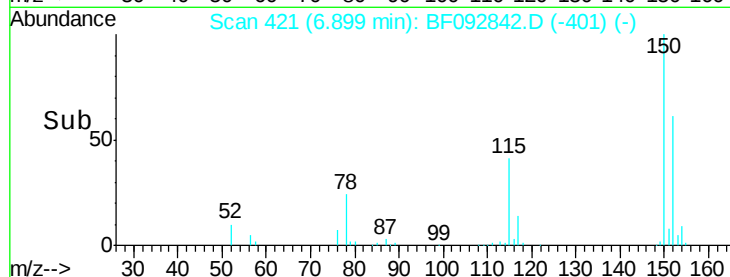
115 67.5 46.0 69.0



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: 108.37 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.06 min

Lab File: BF092842.D

Acq: 7 Feb 2017 21:40

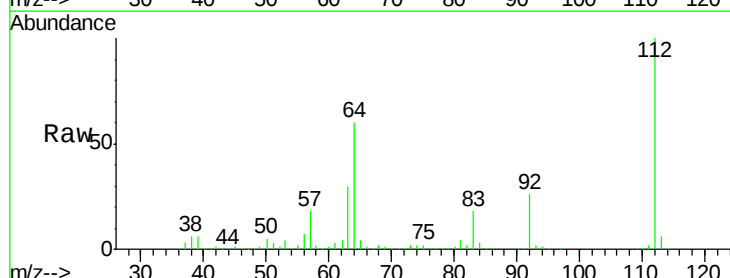
Tgt Ion:112 Resp: 880799

Ion Ratio Lower Upper

112 100

64 60.1 46.1 69.1

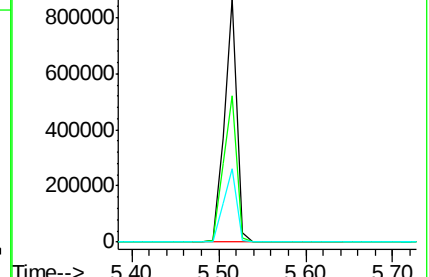
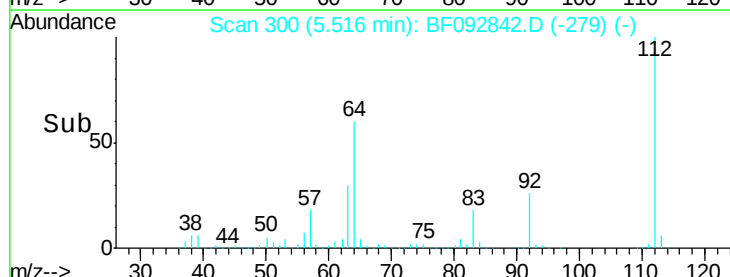
63 30.2 23.8 35.6

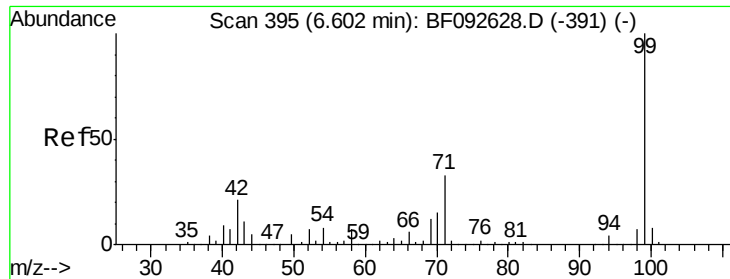


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.24 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.06 min

Lab File: BF092842.D

Acq: 7 Feb 2017 21:40

Instrument :

BNA_F

ClientSampleId :

SB-1

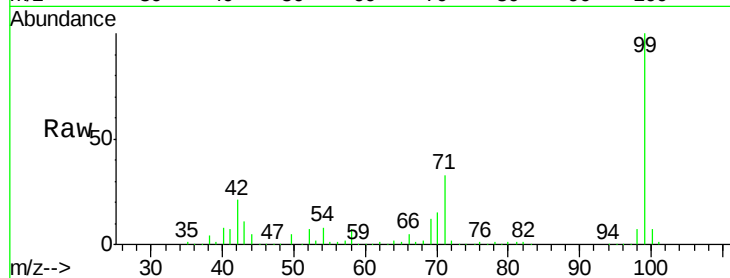
Tgt Ion: 99 Resp: 964618

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

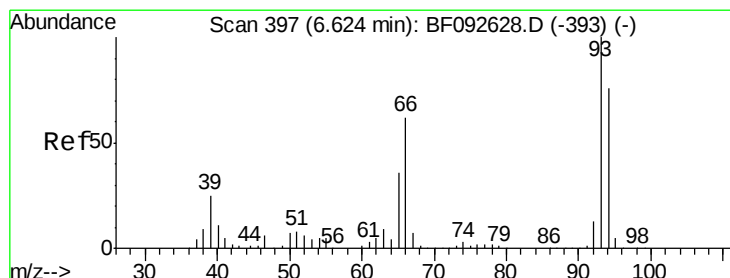
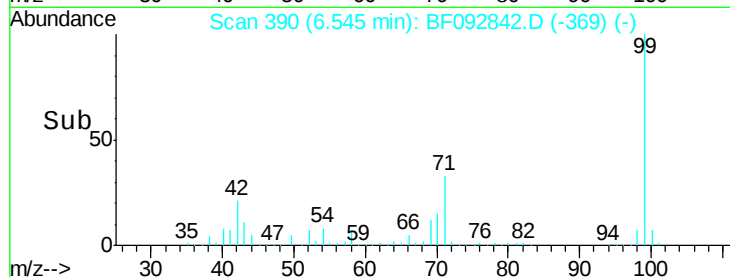
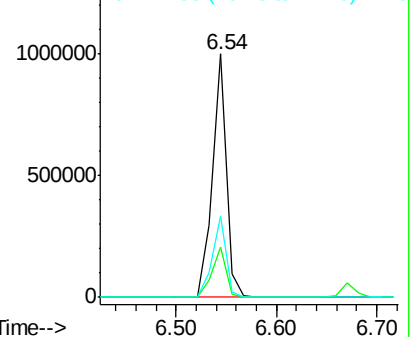
71 33.2 27.5 41.3



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: 5.13 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.07 min

Lab File: BF092842.D

Acq: 7 Feb 2017 21:40

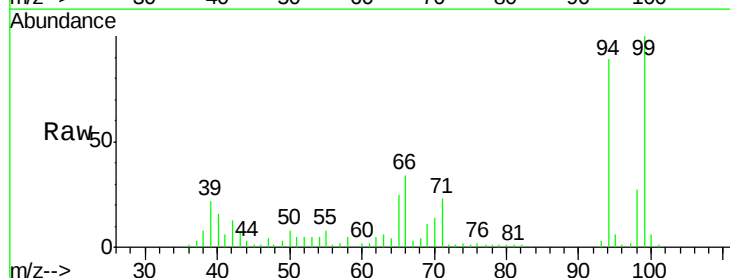
Tgt Ion: 94 Resp: 62780

Ion Ratio Lower Upper

94 100

65 27.9 21.4 61.4

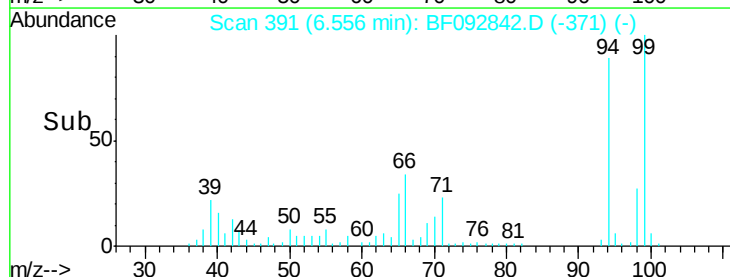
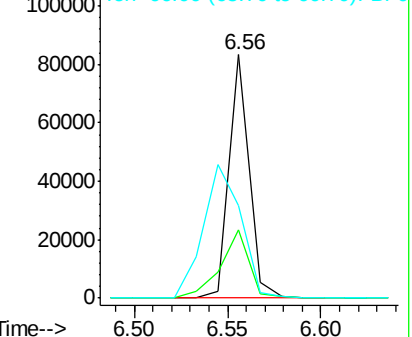
66 38.3 44.0 84.0#

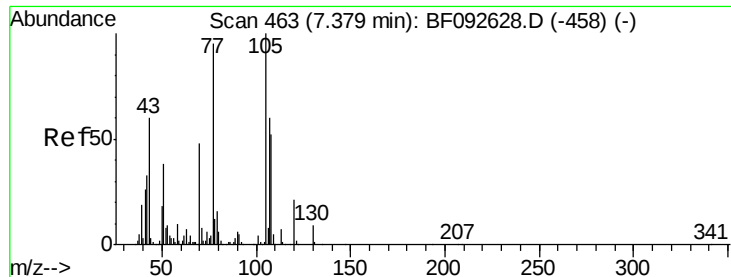


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

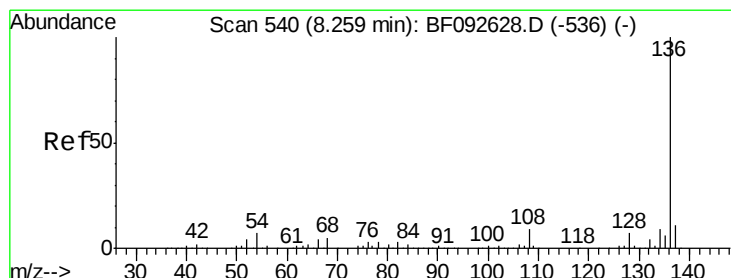
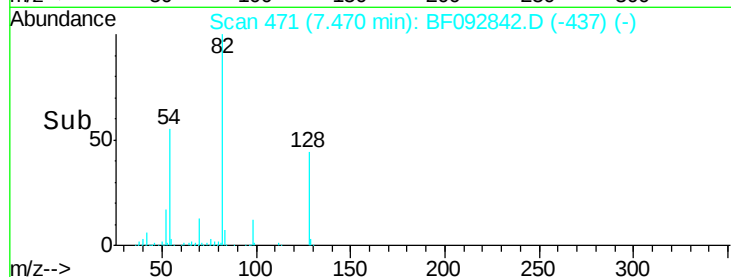
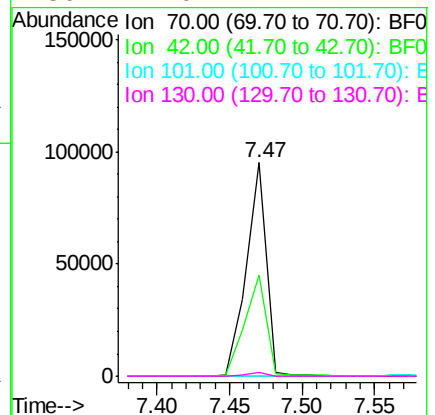
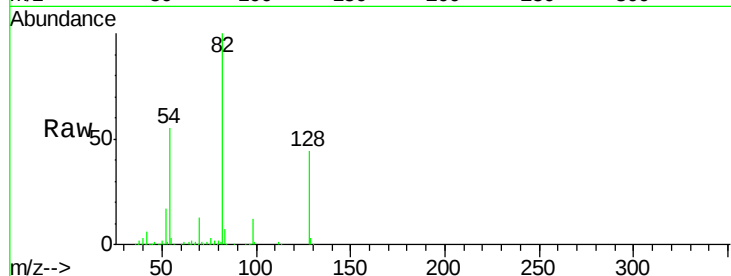




#19
n-Nitroso-di-n-propylamine
Concen: 13.71 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.09 min
Lab File: BF092842.D
Acq: 7 Feb 2017 21:40

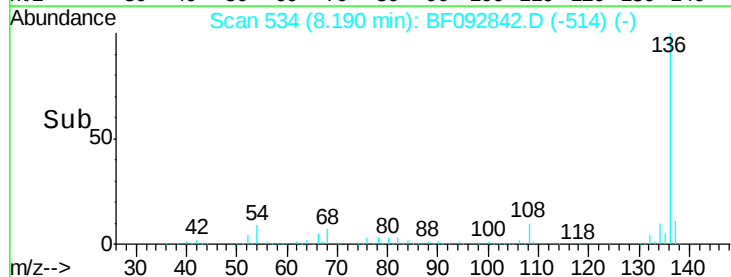
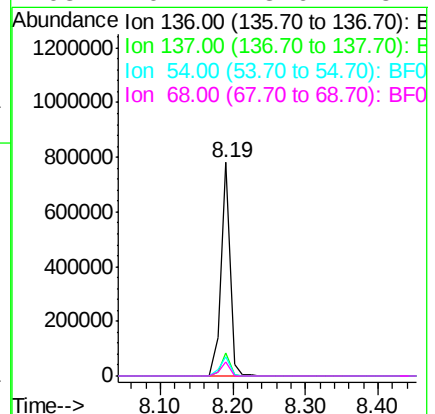
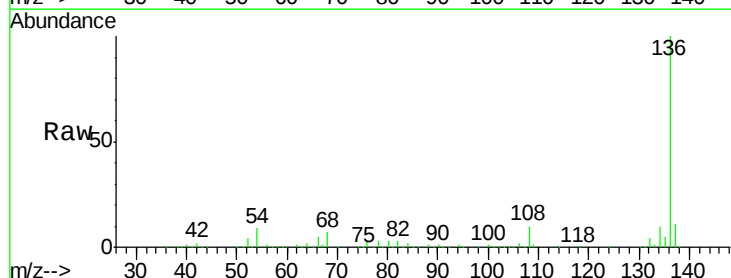
Instrument :
BNA_F
ClientSampled :
SB-1

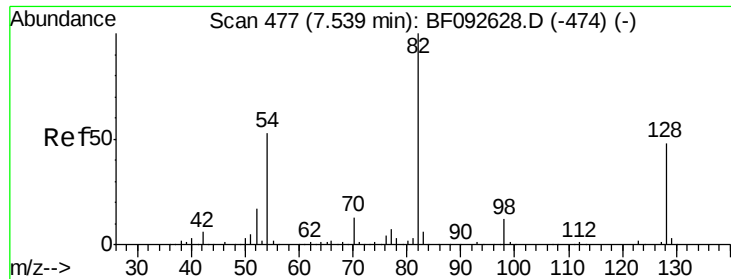
Tgt Ion: 70 Resp: 91263
Ion Ratio Lower Upper
70 100
42 47.6 49.4 74.0#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092842.D
Acq: 7 Feb 2017 21:40

Tgt Ion: 136 Resp: 672366
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 9.2 4.5 6.7#
68 6.7 3.6 5.4#

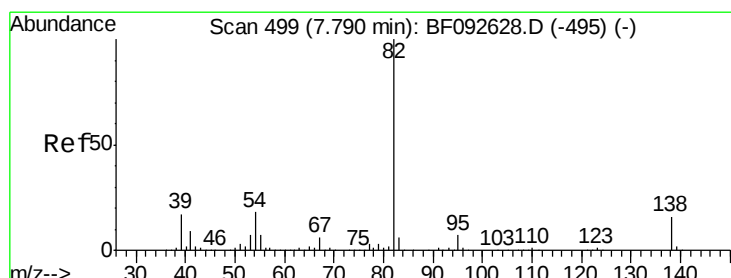
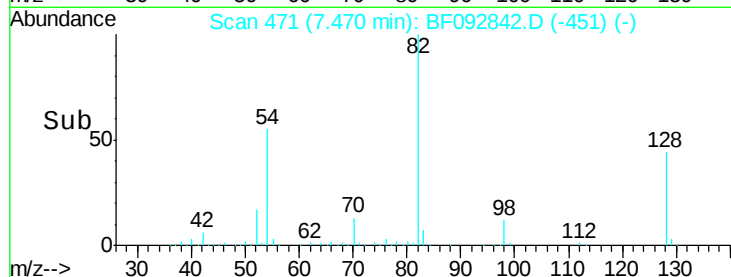
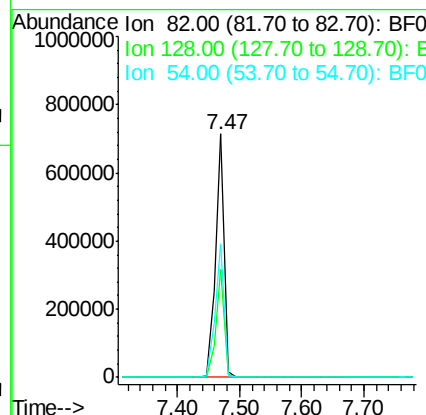
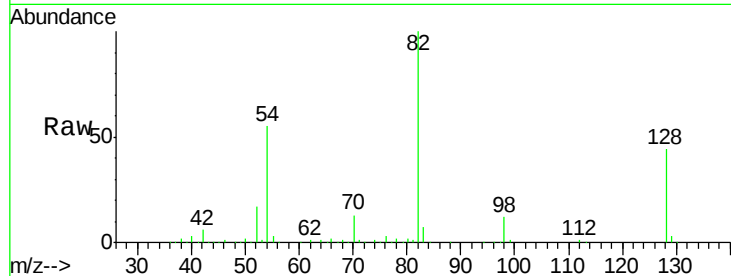




#23
 Nitrobenzene-d5
 Concen: 56.78 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.07 min
 Lab File: BF092842.D
 Acq: 7 Feb 2017 21:40

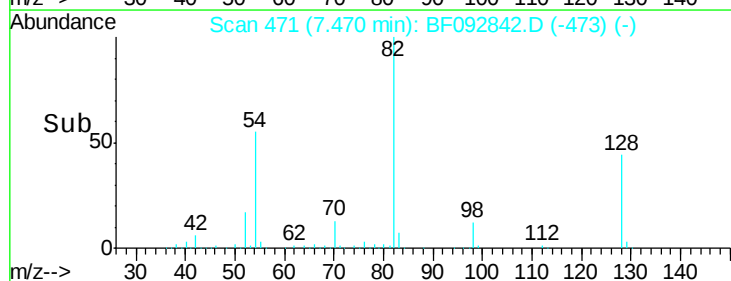
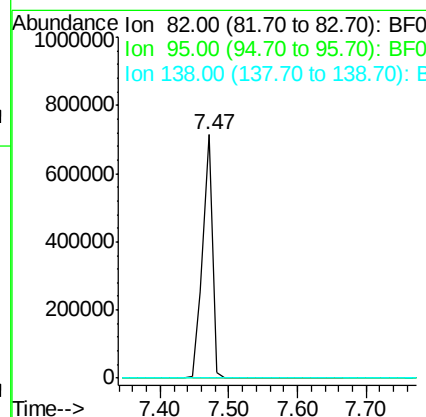
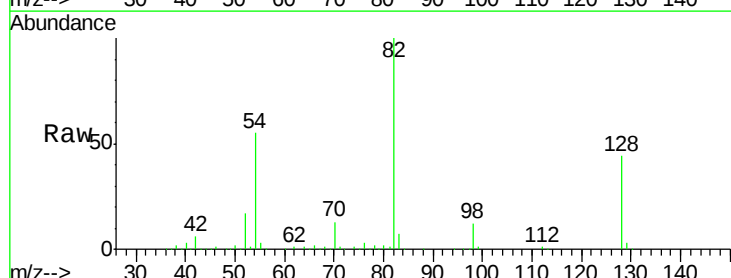
Instrument :
 BNA_F
 ClientSampled :
 SB-1

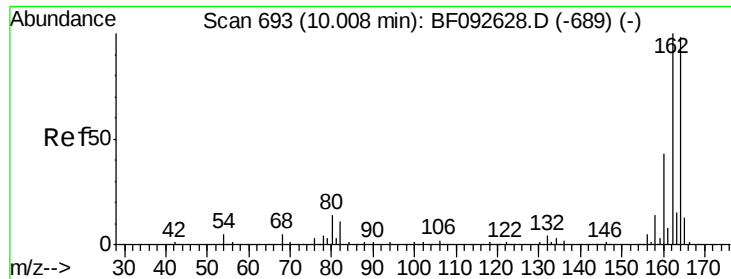
Tgt Ion: 82 Resp: 685577
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.6 52.0
 54 54.8 39.5 59.3



#25
 Isophorone
 Concen: 30.32 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.32 min
 Lab File: BF092842.D
 Acq: 7 Feb 2017 21:40

Tgt Ion: 82 Resp: 682262
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

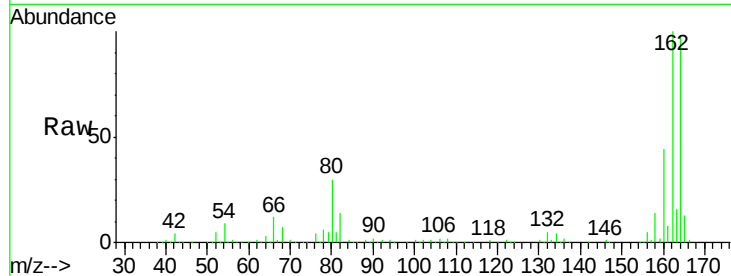




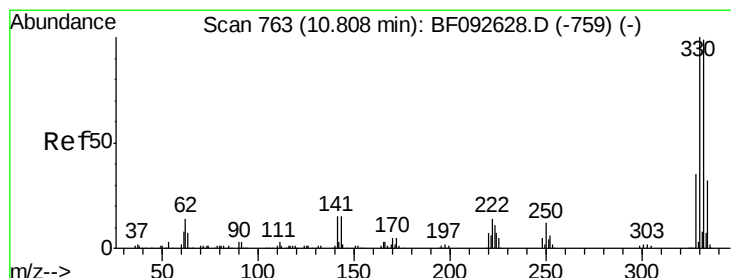
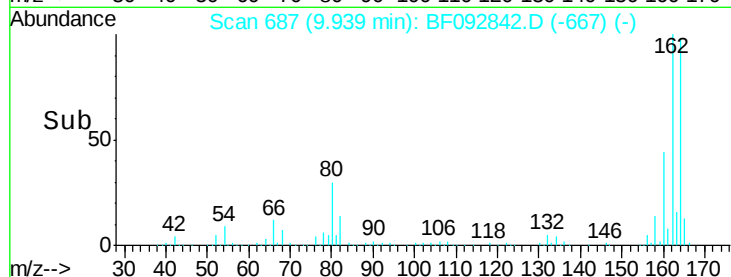
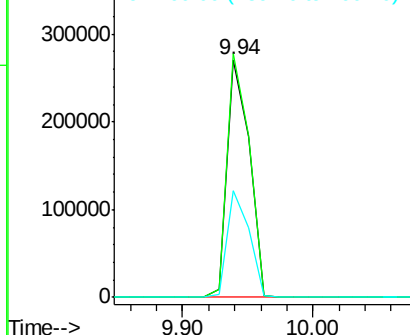
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF092842.D
Acq: 7 Feb 2017 21:40

Instrument :
BNA_F
ClientSampleId :
SB-1

Tgt Ion:164 Resp: 320853
Ion Ratio Lower Upper
164 100
162 102.6 80.2 120.2
160 45.0 36.9 55.3

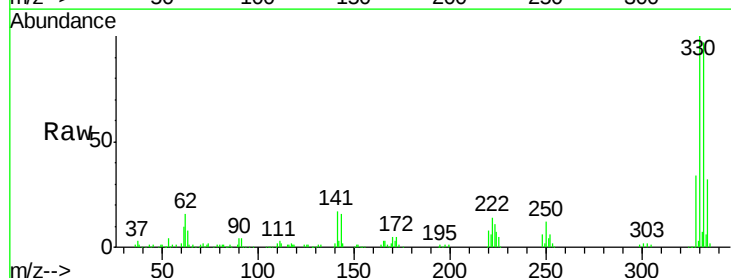


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

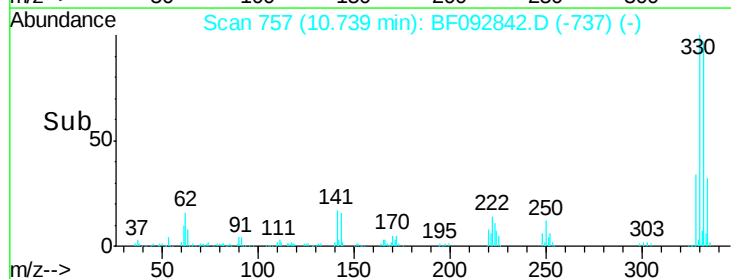
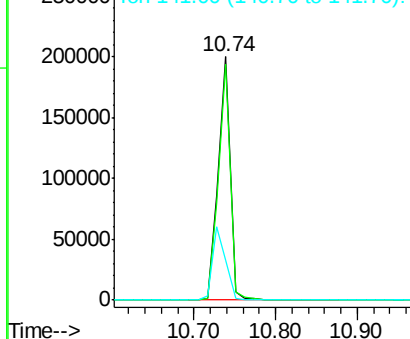


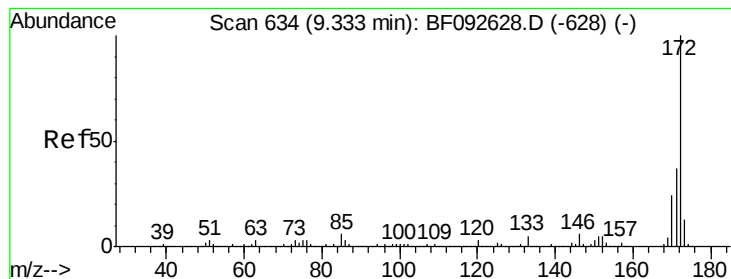
#41
2,4,6-Tribromophenol
Concen: 88.75 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.07 min
Lab File: BF092842.D
Acq: 7 Feb 2017 21:40

Tgt Ion:330 Resp: 205954
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.2
141 33.0 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

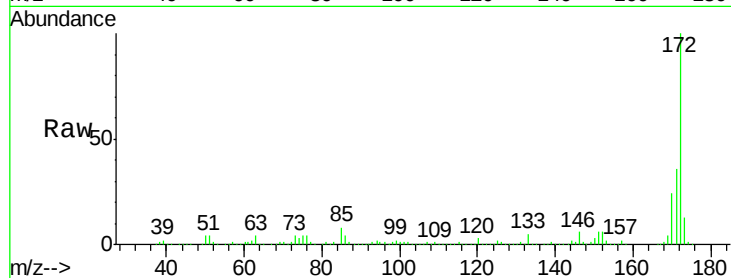




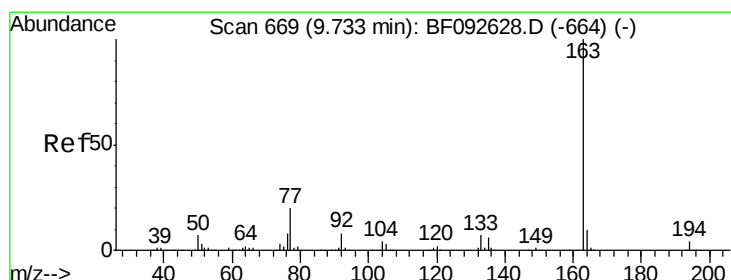
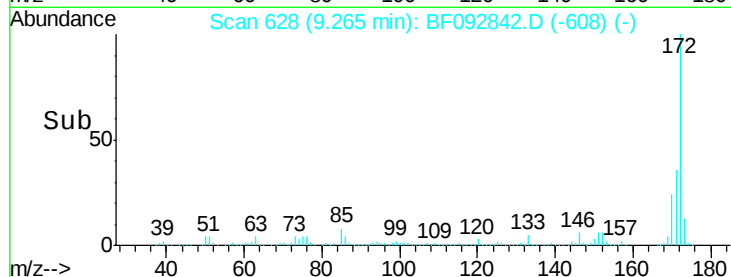
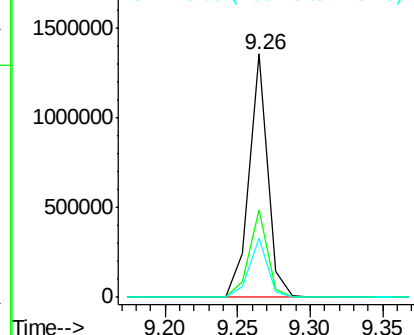
#44
 2-Fluorobiphenyl
 Concen: 67.98 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092842.D
 Acq: 7 Feb 2017 21:40

Instrument :
 BNA_F
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 SB-1

Tgt Ion:172 Resp: 1204021
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.4 20.2 30.4

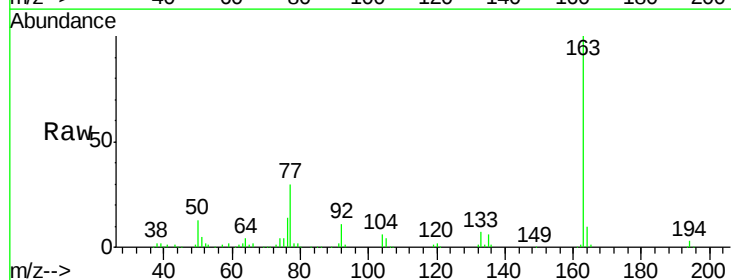


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

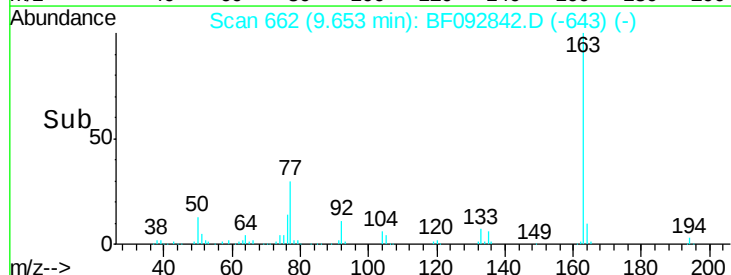
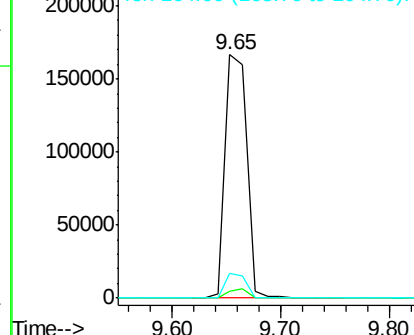


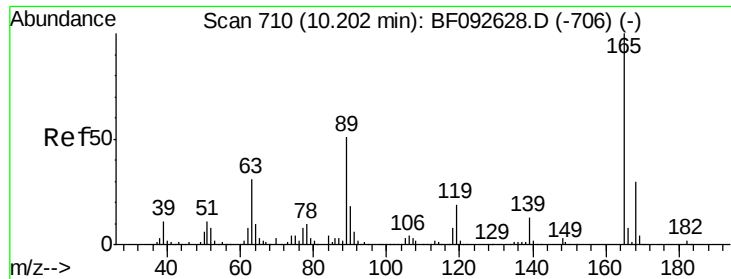
#49
 Dimethylphthalate
 Concen: 10.69 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.08 min
 Lab File: BF092842.D
 Acq: 7 Feb 2017 21:40

Tgt Ion:163 Resp: 231130
 Ion Ratio Lower Upper
 163 100
 194 3.0 3.0 4.4
 164 10.2 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

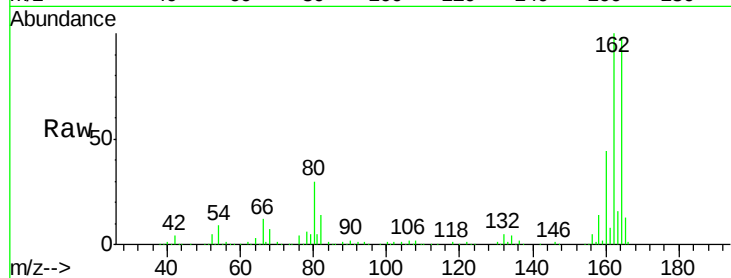




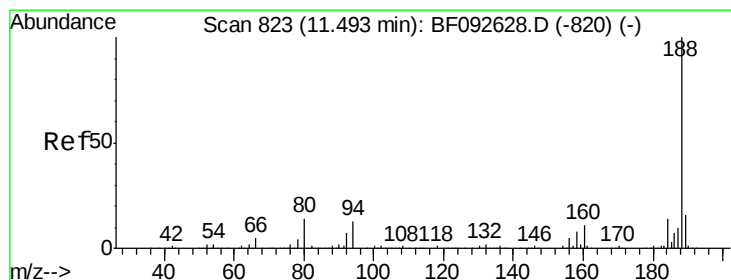
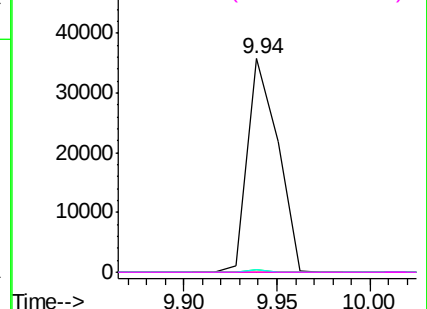
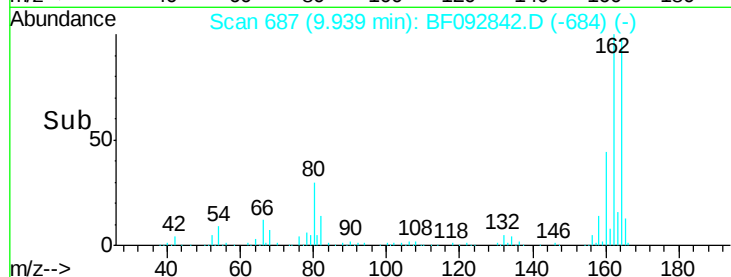
#56
 2,4-Dinitrotoluene
 Concen: 6.51 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.26 min
 Lab File: BF092842.D
 Acq: 7 Feb 2017 21:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Tgt Ion:165 Resp: 40433
 Ion Ratio Lower Upper
 165 100
 63 1.2 40.2 60.4#
 89 1.3 62.5 93.7#
 182 0.0 1.8 2.8#

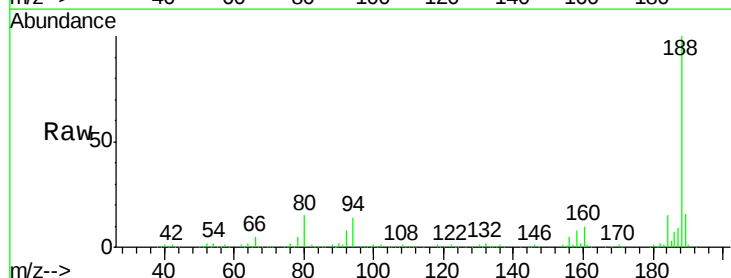


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

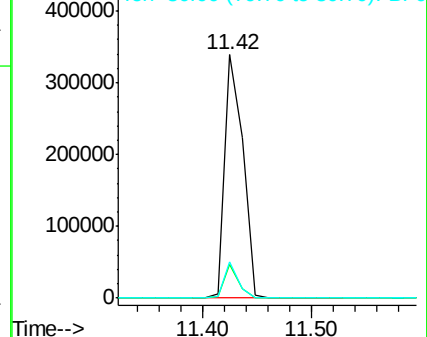
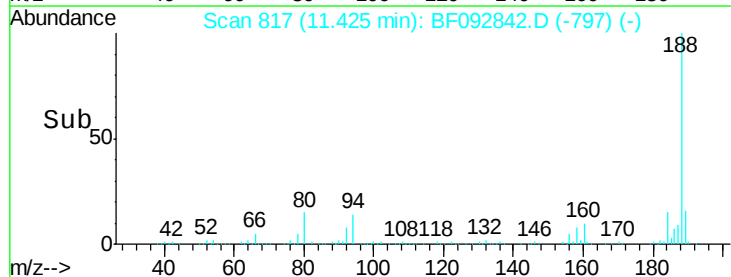


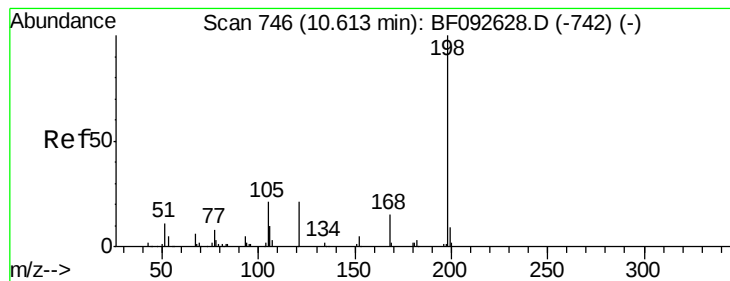
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.07 min
 Lab File: BF092842.D
 Acq: 7 Feb 2017 21:40

Tgt Ion:188 Resp: 395592
 Ion Ratio Lower Upper
 188 100
 94 14.0 10.0 15.0
 80 15.1 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





#64

4,6-Dinitro-2-methylphenol

Concen: 2.79 ng

RT: 10.73 min Scan# 756

Delta R.T. 0.11 min

Lab File: BF092842.D

Acq: 7 Feb 2017 21:40

Instrument :

BNA_F

ClientSampleId :

SB-1

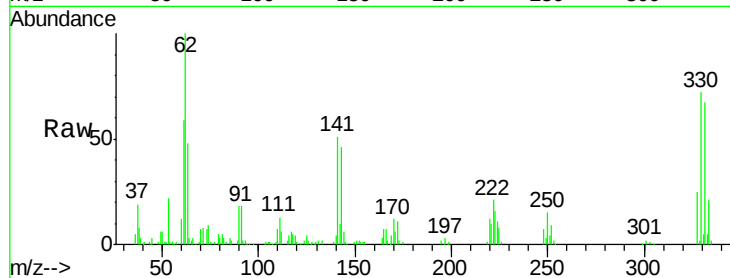
Tgt Ion:198 Resp: 306

Ion Ratio Lower Upper

198 100

51 264.3 6.7 46.7#

105 203.1 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

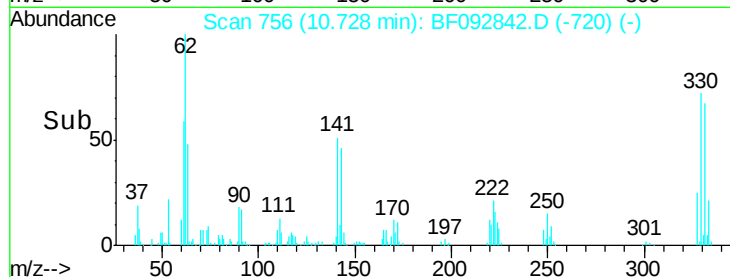
1500

1000

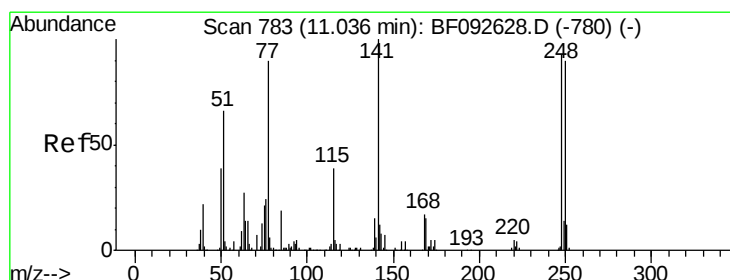
500

0

10.70 10.73 10.75



Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.42 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.30 min

Lab File: BF092842.D

Acq: 7 Feb 2017 21:40

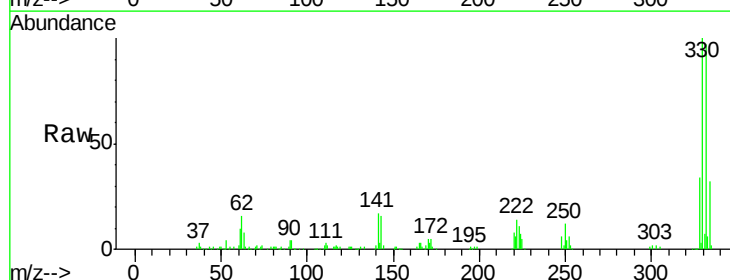
Tgt Ion:248 Resp: 14147

Ion Ratio Lower Upper

248 100

250 192.6 76.9 115.3#

141 273.9 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

80000

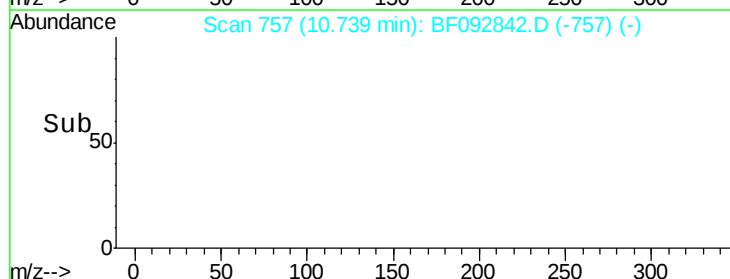
60000

40000

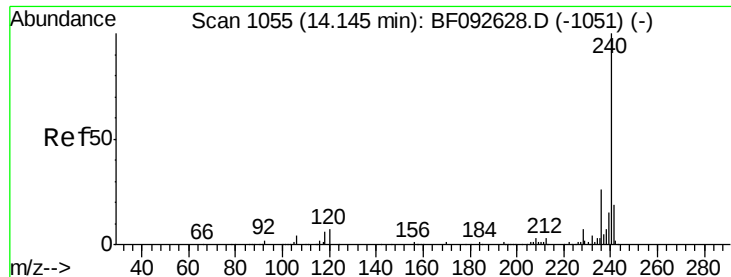
20000

0

10.70 10.73 10.75



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.08 min

Lab File: BF092842.D

Acq: 7 Feb 2017 21:40

Instrument :

BNA_F

ClientSampleId :

SB-1

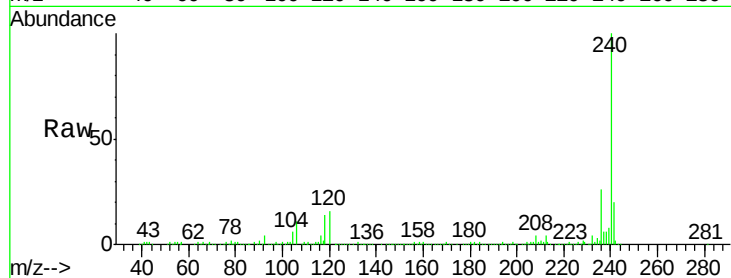
Tgt Ion:240 Resp: 313012

Ion Ratio Lower Upper

240 100

120 16.3 12.9 19.3

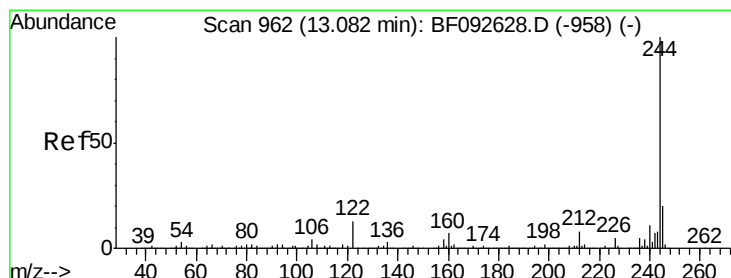
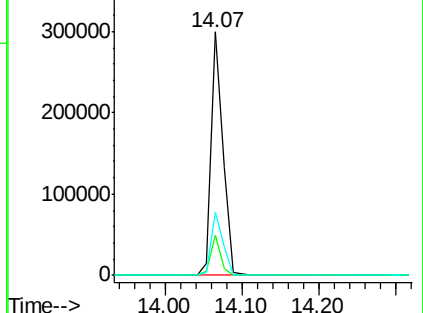
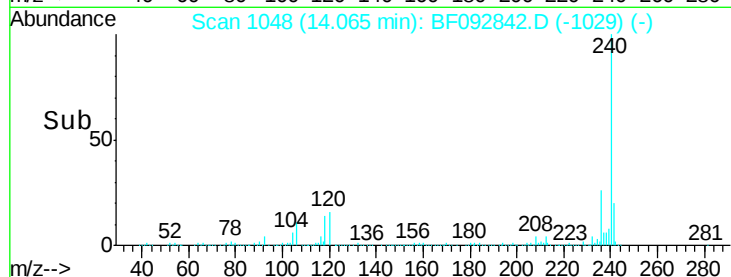
236 26.1 20.9 31.3



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: 53.45 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.07 min

Lab File: BF092842.D

Acq: 7 Feb 2017 21:40

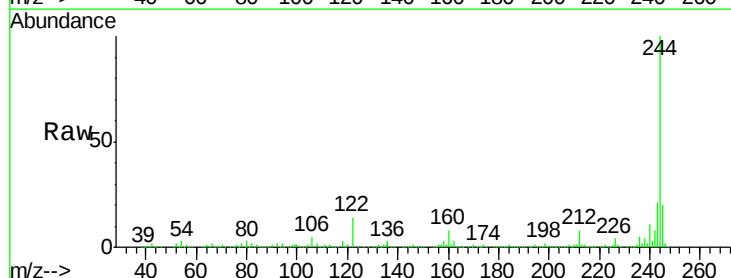
Tgt Ion:244 Resp: 712071

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

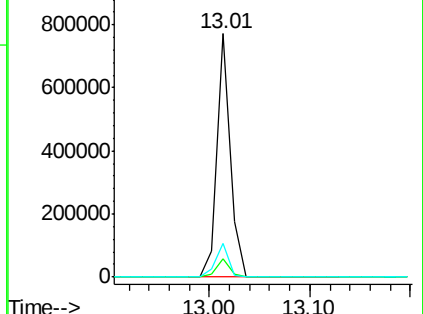
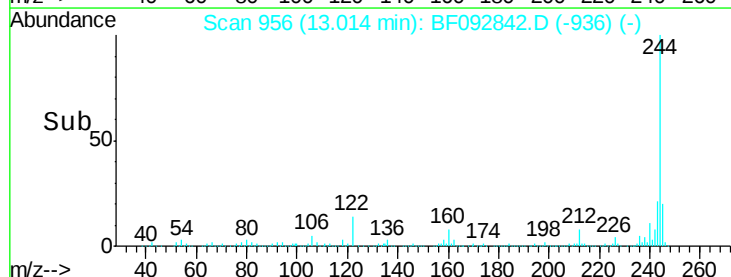
122 14.0 11.4 17.2

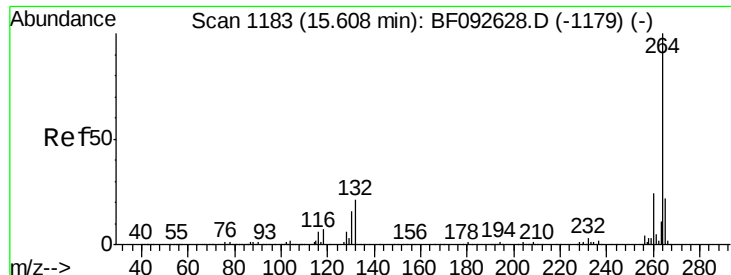


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.52 min Scan# 1175
Delta R.T. -0.09 min
Lab File: BF092842.D
Acq: 7 Feb 2017 21:40

Instrument :
BNA_F
ClientSampleId :
SB-1

Tgt Ion: 264 Resp: 274576
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.4 17.4 26.0

