

Data File : BF093117.D
Acq On : 23 Feb 2017 21:13
Operator : SJ/MA
Sample : I1954-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLP-S-04(5-10)

Quant Time: Feb 23 23:50:37 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	154886	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	652542	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	301691	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	584798	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	512486	20.00	ng	-0.02
86) Perylene-d12	15.41	264	368360	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1076062	119.19	ng	-0.01
7) Phenol-d6	6.48	99	1308555	112.65	ng	-0.01
23) Nitrobenzene-d5	7.40	82	821910	70.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	296637	135.95	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1436909	86.29	ng	-0.02
78) Terphenyl-d14	12.94	244	1281291	58.75	ng	-0.02

Target Compounds						Qvalue
10) Phenol	6.49	94	60486	4.45	ng	97
19) n-Nitroso-di-n-propylamine	7.40	70	106243	14.37	ng	# 82
25) Isophorone	7.40	82	719392	32.95	ng	# 65
49) Dimethylphthalate	9.60	163	159844	7.87	ng	99
56) 2,4-Dinitrotoluene	9.87	165	37432	6.41	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.66	198	481	2.80	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	20298	3.32	ng	# 1

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

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CLP-S-04(5-10)

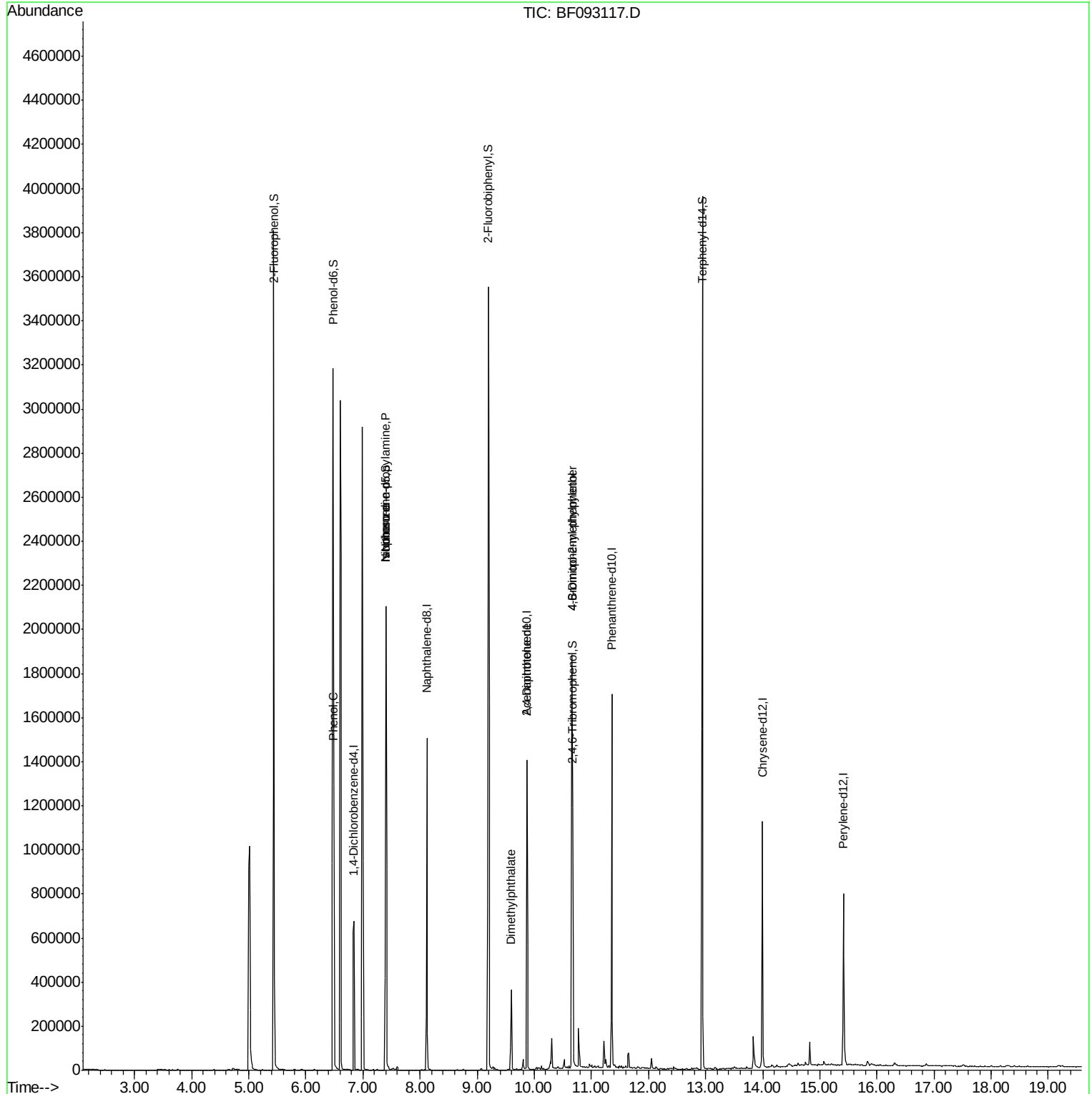
Quant Time: Feb 23 23:50:37 2017

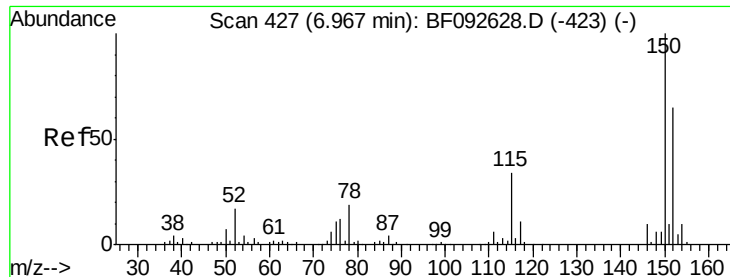
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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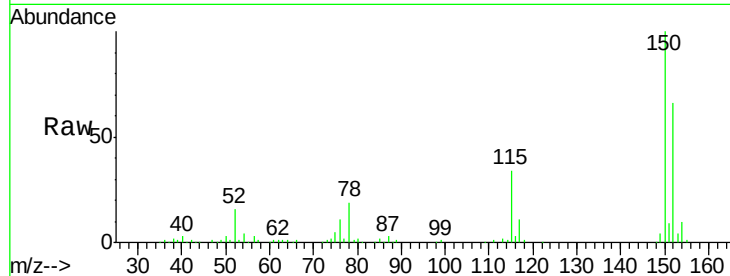


#1

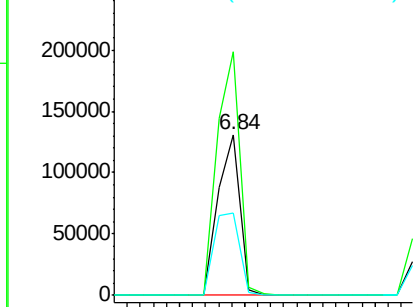
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093117.D
Acq: 23 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
CLP-S-04(5-10)

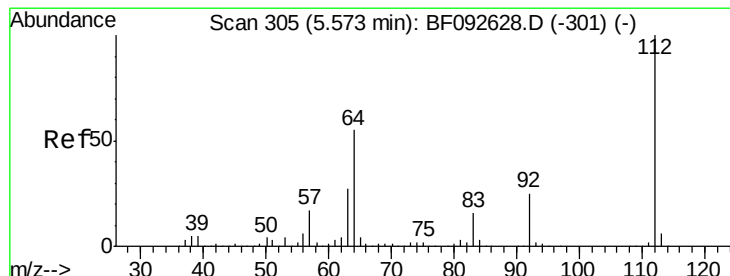
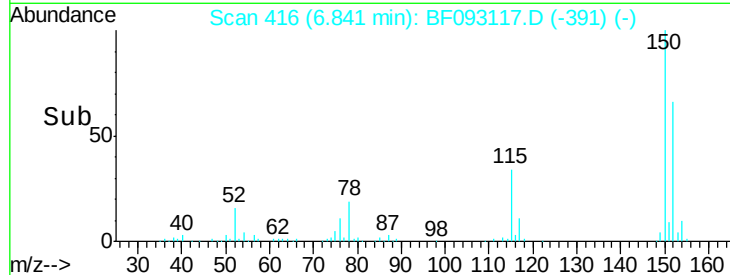
Tgt Ion:152 Resp: 154886
Ion Ratio Lower Upper
152 100
150 151.6 124.9 187.3
115 50.9 46.0 69.0



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



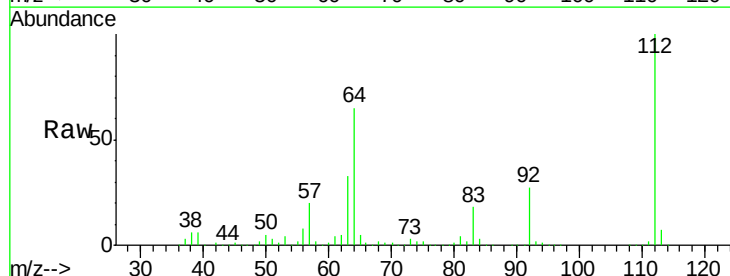
Time-->



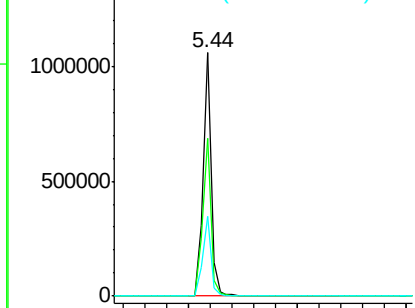
#5

2-Fluorophenol
Concen: 119.19 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF093117.D
Acq: 23 Feb 2017 21:13

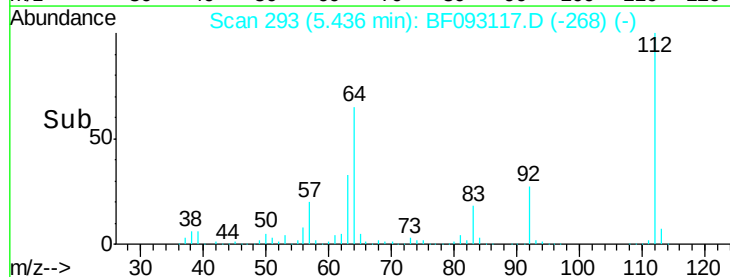
Tgt Ion:112 Resp: 1076062
Ion Ratio Lower Upper
112 100
64 65.0 46.1 69.1
63 32.5 23.8 35.6

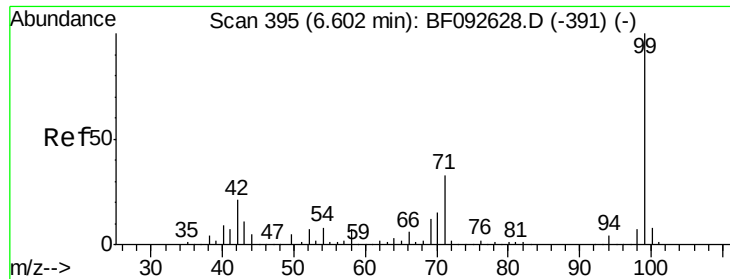


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



Time-->





#7

Phenol-d6

Concen: 112.65 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093117.D

Acq: 23 Feb 2017 21:13

Instrument :

BNA_F

ClientSampleId :

CLP-S-04(5-10)

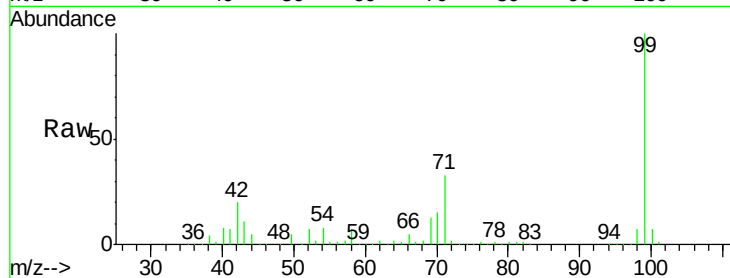
Tgt Ion: 99 Resp: 1308555

Ion Ratio Lower Upper

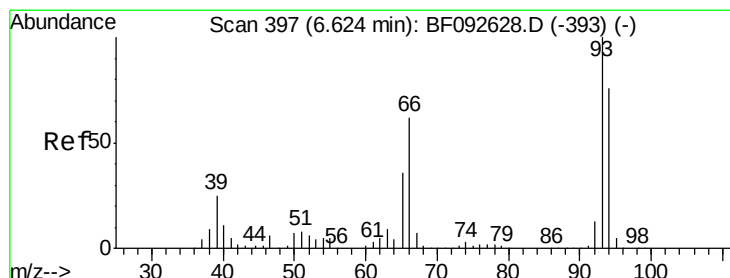
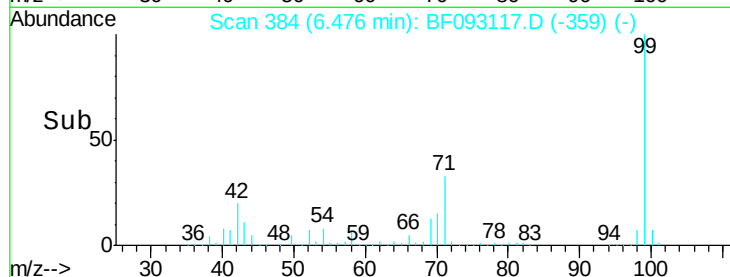
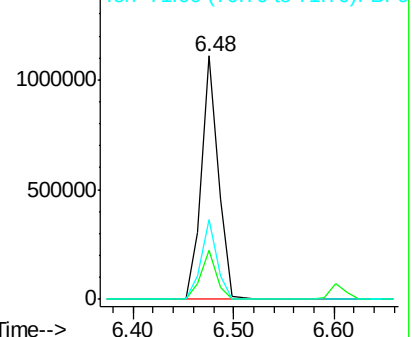
99 100

42 20.3 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



#10

Phenol

Concen: 4.45 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093117.D

Acq: 23 Feb 2017 21:13

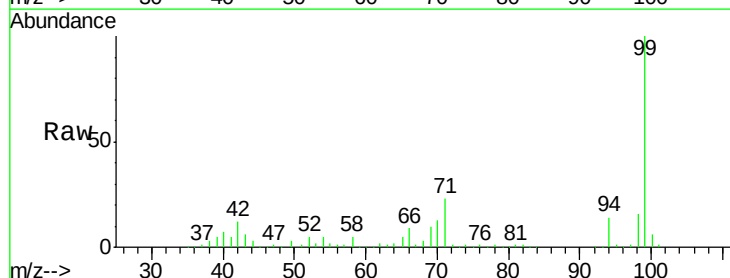
Tgt Ion: 94 Resp: 60486

Ion Ratio Lower Upper

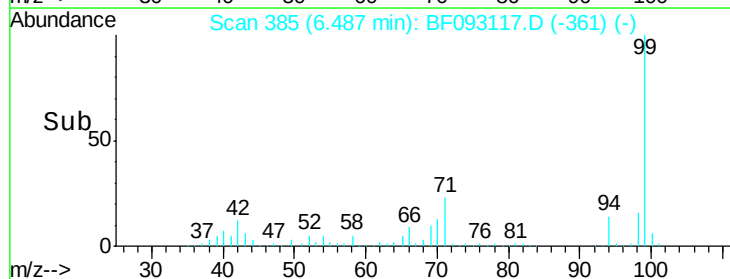
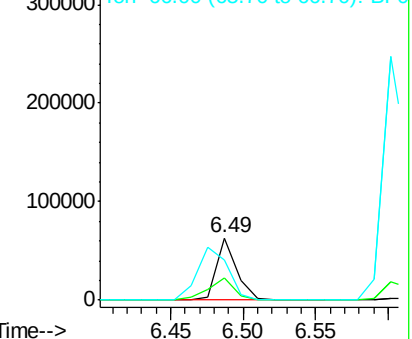
94 100

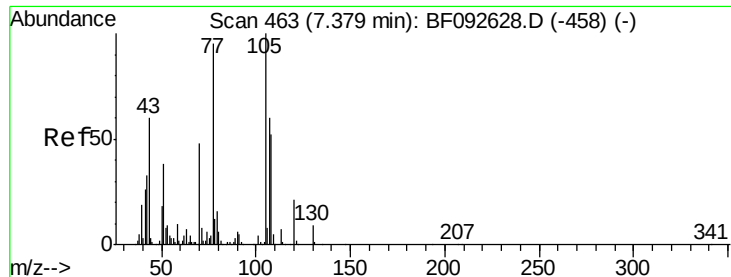
65 36.5 21.4 61.4

66 63.9 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

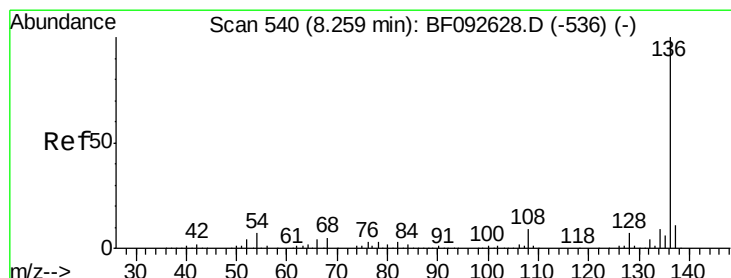
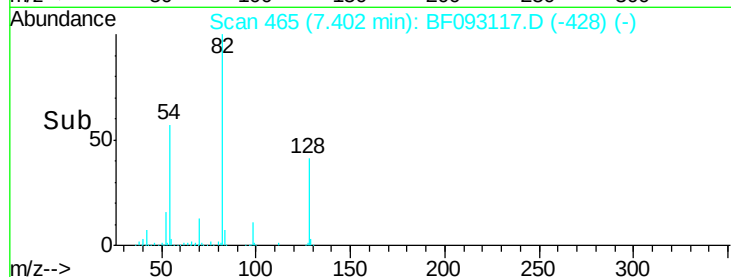
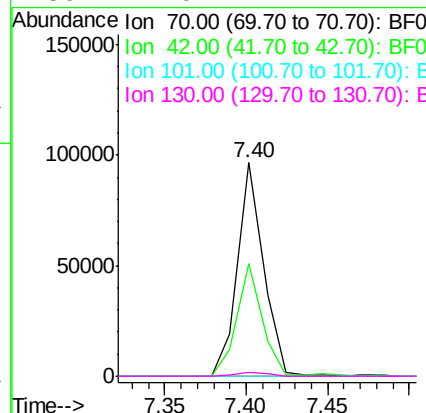
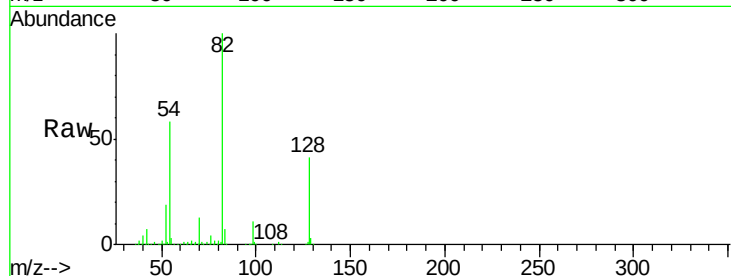




#19
n-Nitroso-di-n-propylamine
Concen: 14.37 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093117.D
Acq: 23 Feb 2017 21:13

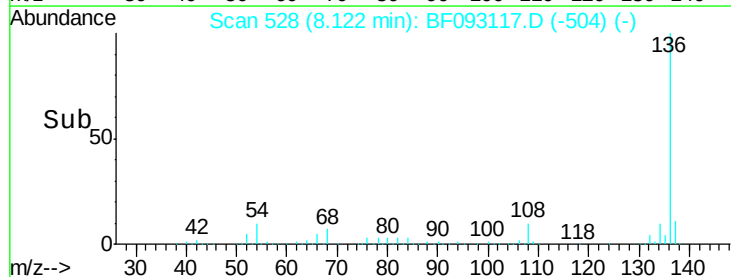
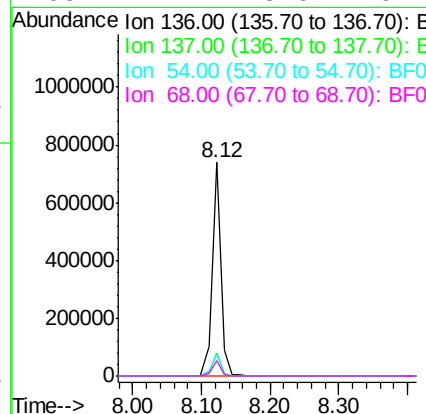
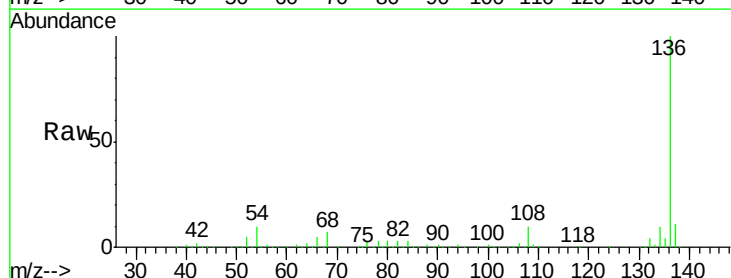
Instrument :
BNA_F
ClientSampleId :
CLP-S-04(5-10)

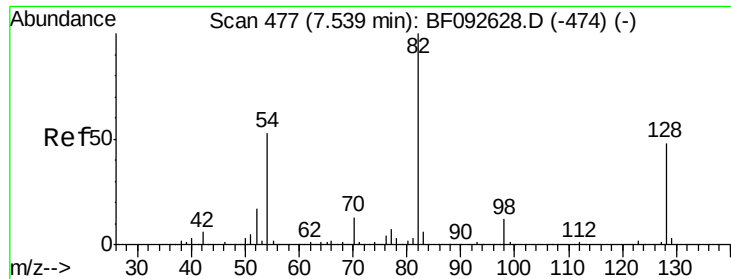
Tgt Ion: 70 Resp: 106243
Ion Ratio Lower Upper
70 100
42 52.8 49.4 74.0
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093117.D
Acq: 23 Feb 2017 21:13

Tgt Ion: 136 Resp: 652542
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 10.0 4.5 6.7#
68 7.2 3.6 5.4#

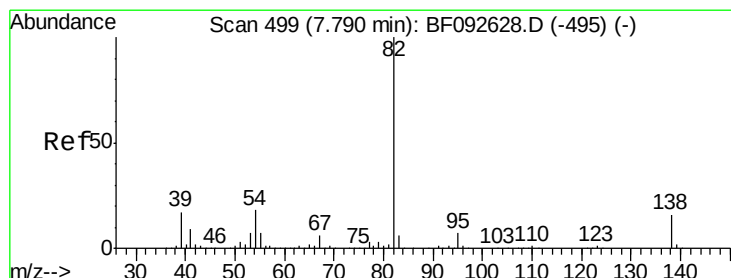
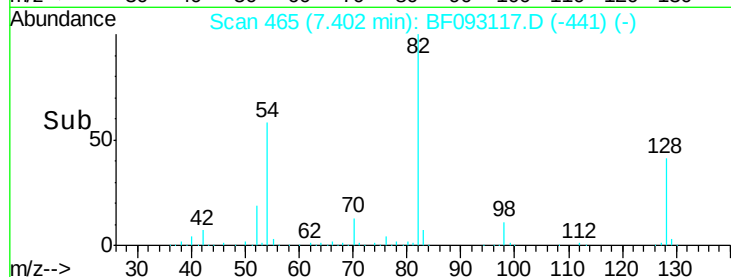
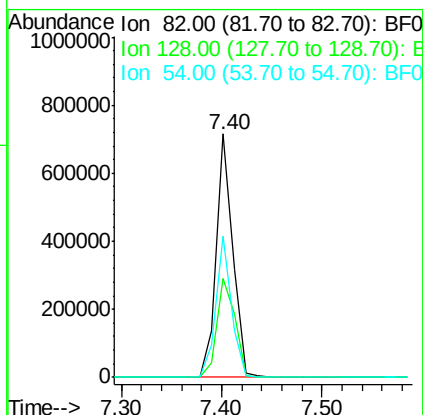
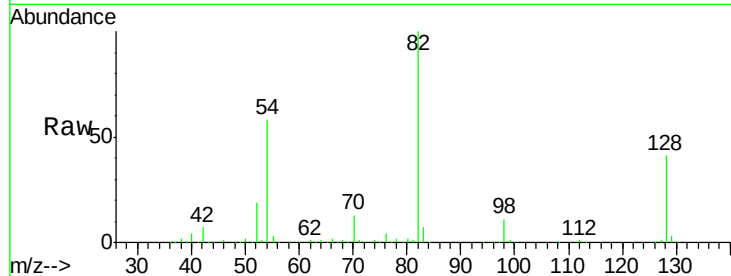




#23
 Nitrobenzene-d5
 Concen: 70.14 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF093117.D
 Acq: 23 Feb 2017 21:13

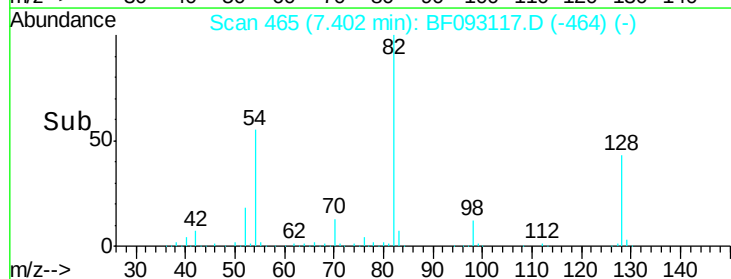
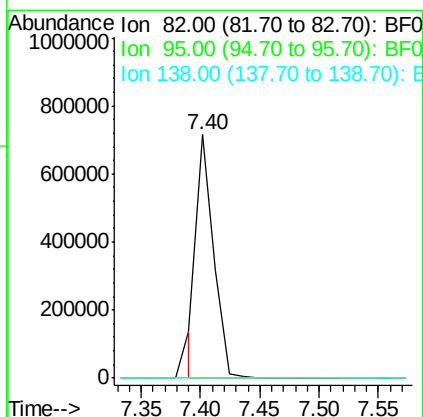
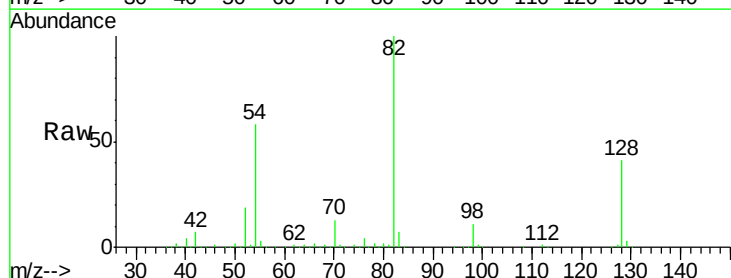
Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-04(5-10)

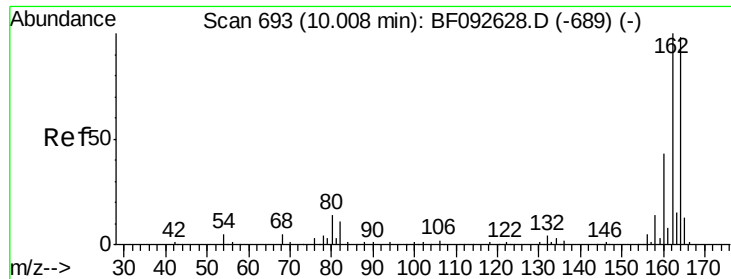
Tgt Ion: 82 Resp: 821910
 Ion Ratio Lower Upper
 82 100
 128 40.7 34.6 52.0
 54 57.9 39.5 59.3



#25
 Isophorone
 Concen: 32.95 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.29 min
 Lab File: BF093117.D
 Acq: 23 Feb 2017 21:13

Tgt Ion: 82 Resp: 719392
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

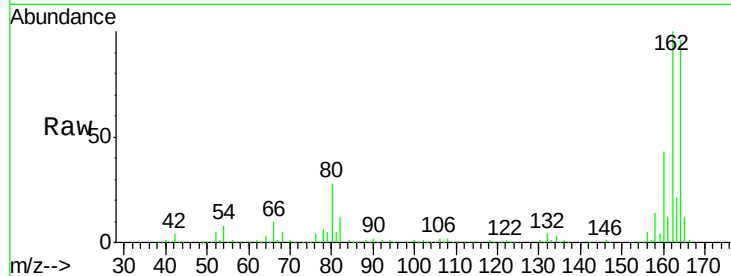




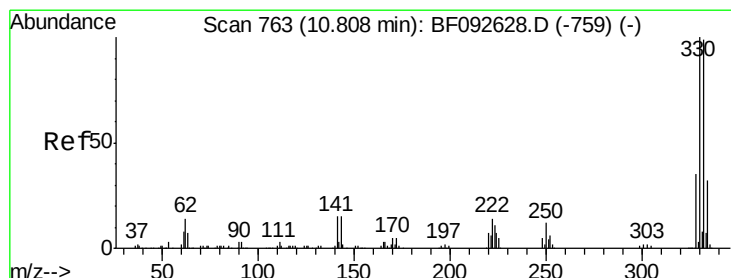
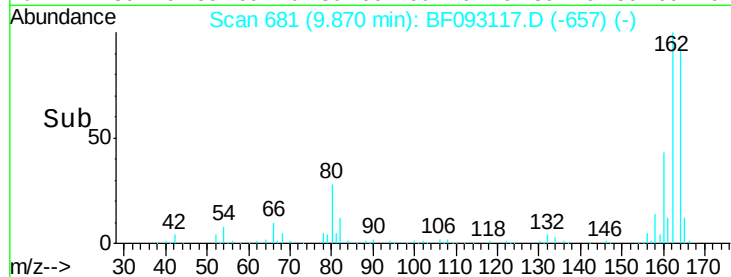
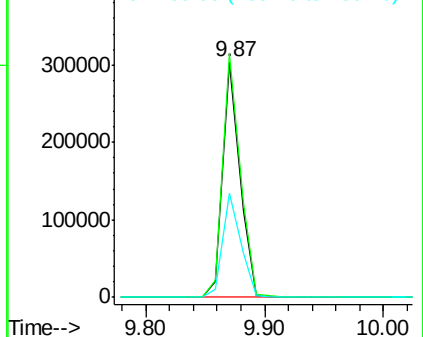
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF093117.D
 Acq: 23 Feb 2017 21:13

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-04(5-10)

Tgt Ion:164 Resp: 301691
 Ion Ratio Lower Upper
 164 100
 162 103.7 80.2 120.2
 160 44.6 36.9 55.3

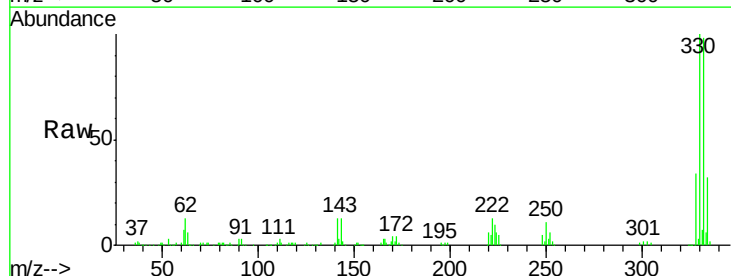


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

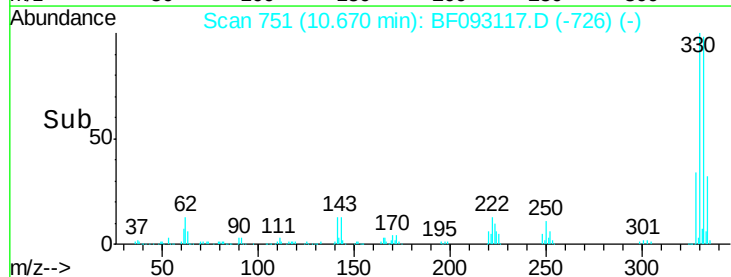
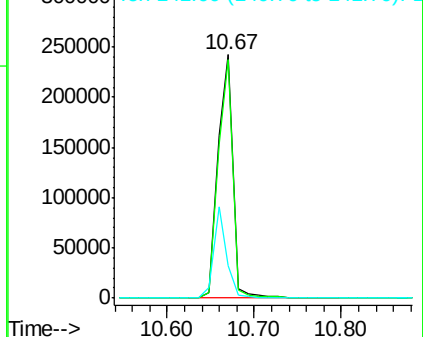


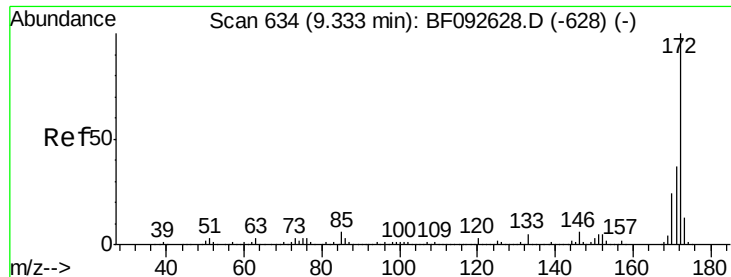
#41
 2,4,6-Tribromophenol
 Concen: 135.95 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093117.D
 Acq: 23 Feb 2017 21:13

Tgt Ion:330 Resp: 296637
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 32.5 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

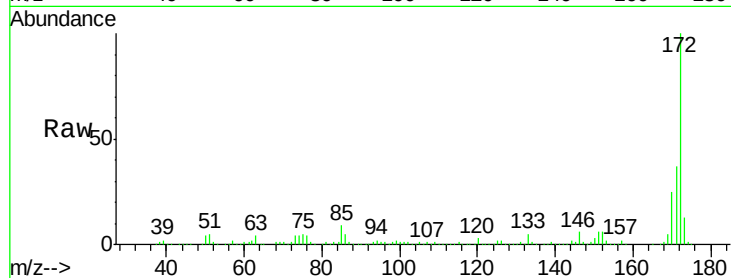




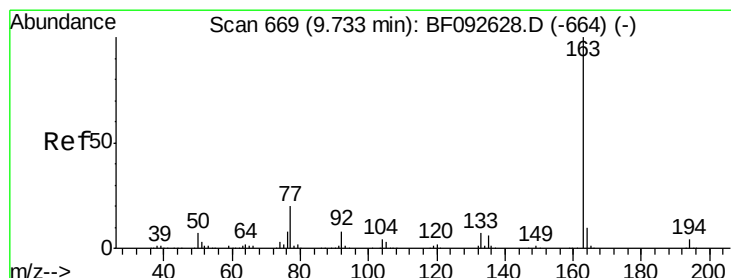
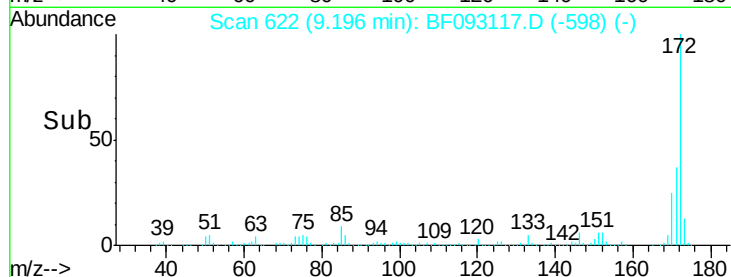
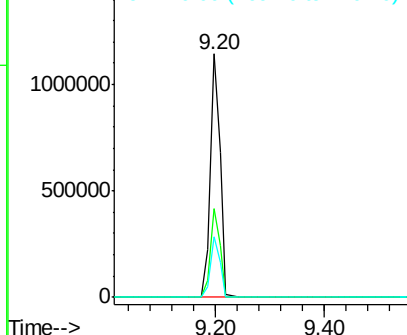
#44
 2-Fluorobiphenyl
 Concen: 86.29 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093117.D
 Acq: 23 Feb 2017 21:13

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-04(5-10)

Tgt Ion:172 Resp: 1436909
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.9 20.2 30.4

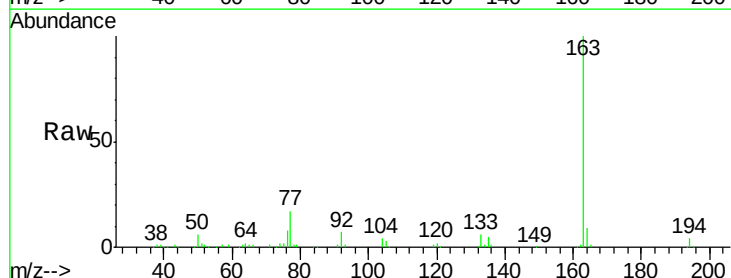


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

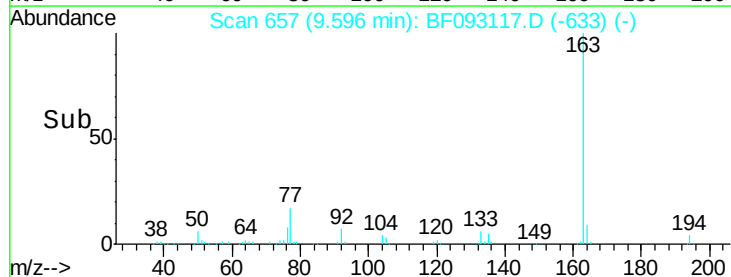
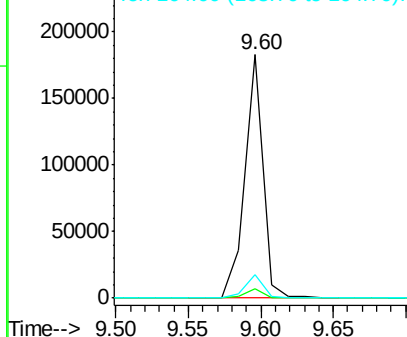


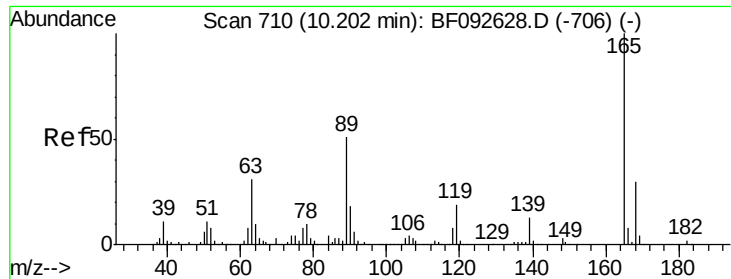
#49
 Dimethylphthalate
 Concen: 7.87 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF093117.D
 Acq: 23 Feb 2017 21:13

Tgt Ion:163 Resp: 159844
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.4
 164 9.5 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: 6.41 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.22 min

Lab File: BF093117.D

Acq: 23 Feb 2017 21:13

Instrument :

BNA_F

ClientSampleId :

CLP-S-04(5-10)

Tgt Ion:165 Resp: 37432

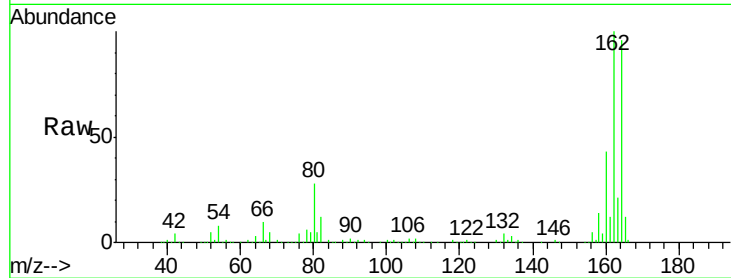
Ion Ratio Lower Upper

165 100

63 1.5 40.2 60.4#

89 1.7 62.5 93.7#

182 0.0 1.8 2.8#

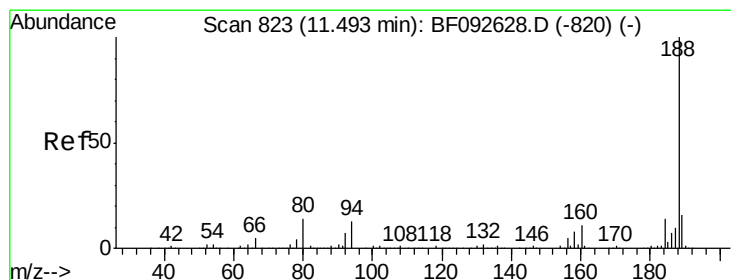
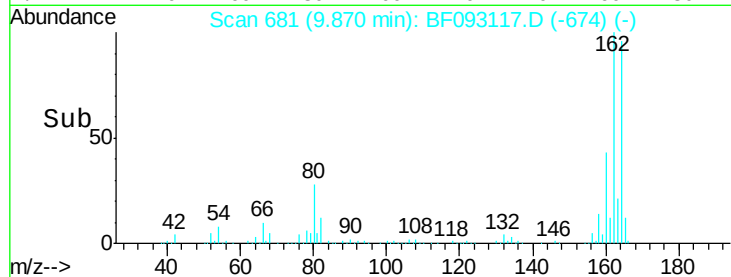
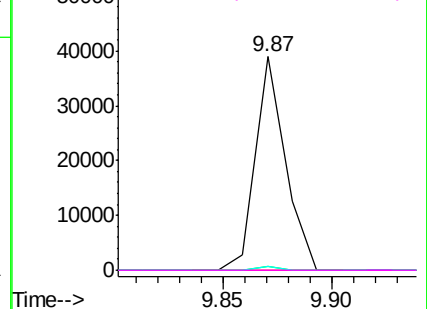


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF093117.D

Acq: 23 Feb 2017 21:13

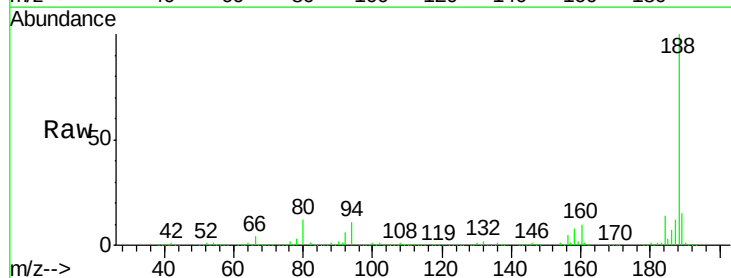
Tgt Ion:188 Resp: 584798

Ion Ratio Lower Upper

188 100

94 11.4 10.0 15.0

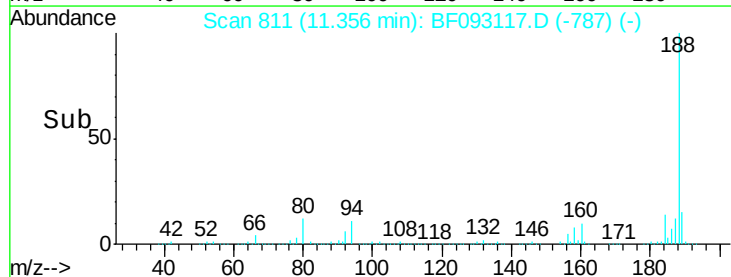
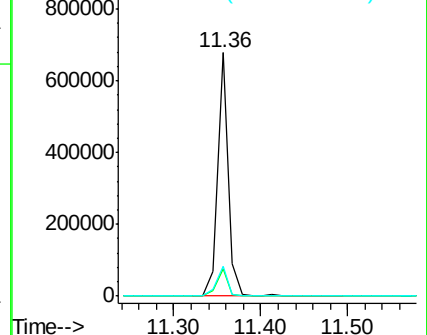
80 12.0 11.2 16.8

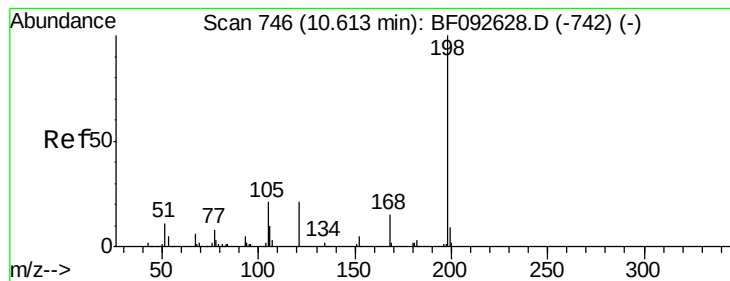


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.80 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.16 min

Lab File: BF093117.D

Acq: 23 Feb 2017 21:13

Instrument :

BNA_F

ClientSampleId :

CLP-S-04(5-10)

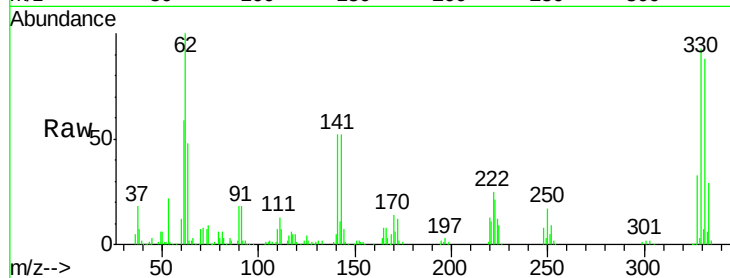
Tgt Ion:198 Resp: 481

Ion Ratio Lower Upper

198 100

51 228.3 6.7 46.7#

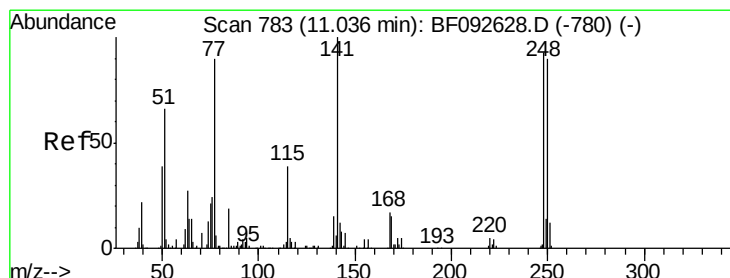
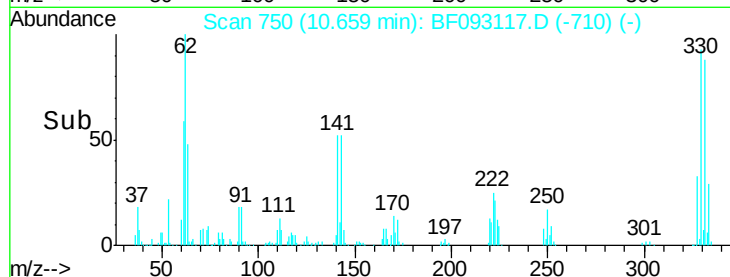
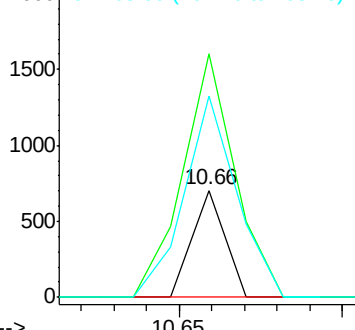
105 188.3 16.6 56.6#



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: 3.32 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.26 min

Lab File: BF093117.D

Acq: 23 Feb 2017 21:13

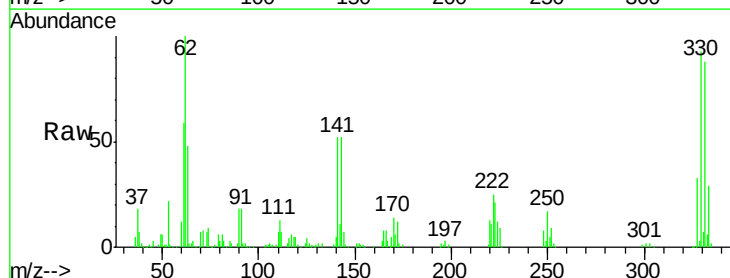
Tgt Ion:248 Resp: 20298

Ion Ratio Lower Upper

248 100

250 200.0 76.9 115.3#

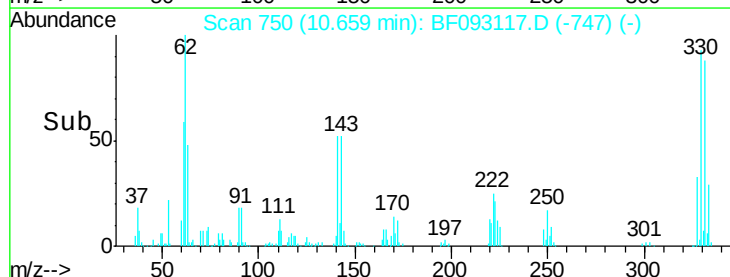
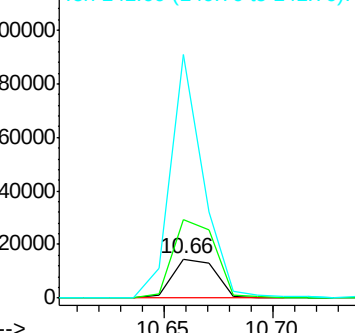
141 618.6 68.2 102.4#

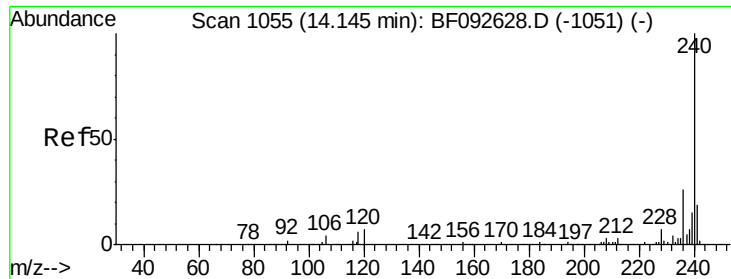


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093117.D

Acq: 23 Feb 2017 21:13

Instrument :

BNA_F

ClientSampleId :

CLP-S-04(5-10)

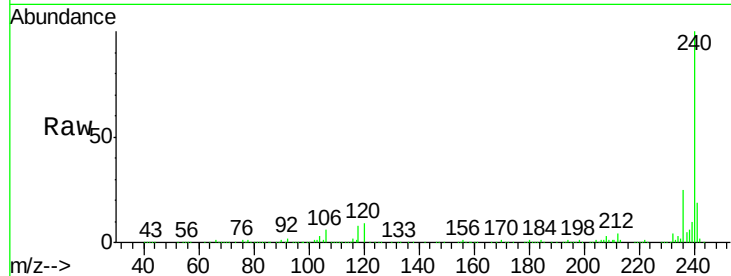
Tgt Ion:240 Resp: 512486

Ion Ratio Lower Upper

240 100

120 9.4 12.9 19.3#

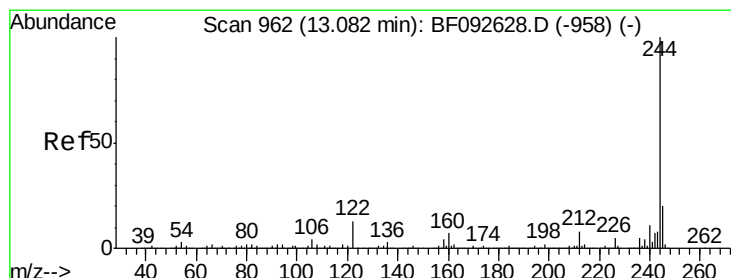
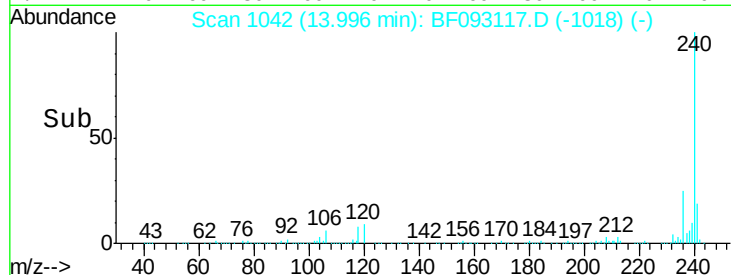
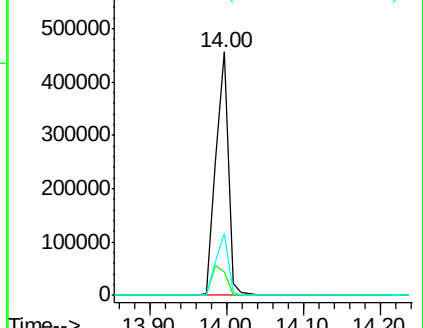
236 25.3 20.9 31.3



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: 58.75 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093117.D

Acq: 23 Feb 2017 21:13

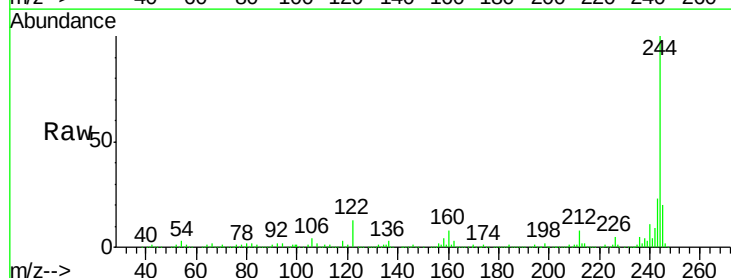
Tgt Ion:244 Resp: 1281291

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

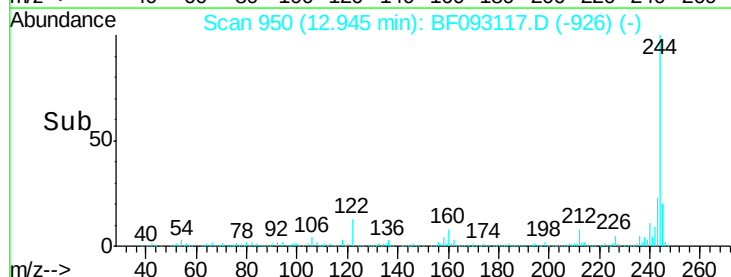
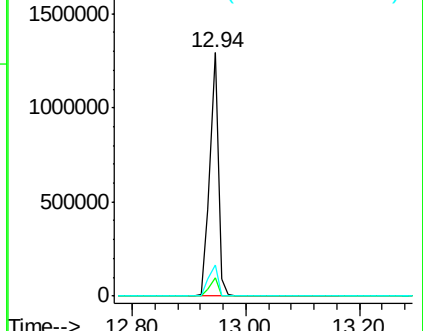
122 12.8 11.4 17.2

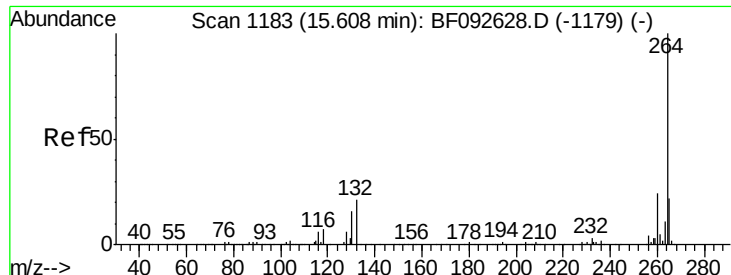


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

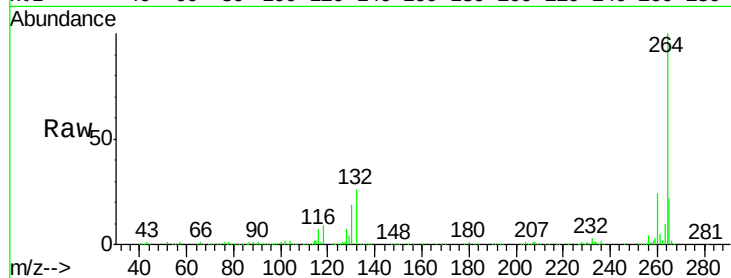




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093117.D
Acq: 23 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
CLP-S-04(5-10)

Tgt Ion: 264 Resp: 368360
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.8 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

