

Data File : BF093015.D
Acq On : 17 Feb 2017 17:25
Operator : SJ/MA
Sample : I1879-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-4

Quant Time: Feb 17 22:14:24 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	6.85	152	172073	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	636452	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	320947	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	576235	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	548274	20.00	ng	-0.01
86) Perylene-d12	15.44	264	441162	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	993449	99.05	ng	0.01
7) Phenol-d6	6.50	99	1296623	100.47	ng	0.01
23) Nitrobenzene-d5	7.41	82	770431	67.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	264430	113.92	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1284971	72.53	ng	0.00
78) Terphenyl-d14	12.96	244	1035541	44.38	ng	-0.01

Target Compounds						Qvalue
10) Phenol	6.51	94	69756	4.62	ng	# 60
19) n-Nitroso-di-n-propylamine	7.41	70	100093	12.18	ng	# 83
25) Isophorone	7.41	82	731775	34.36	ng	# 65
49) Dimethylphthalate	9.61	163	346772	16.04	ng	99
56) 2,4-Dinitrotoluene	9.89	165	40470	6.51	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.68	198	668	2.85	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	19781	3.29	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.99	149	46639	2.05	ng	98

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

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M-4

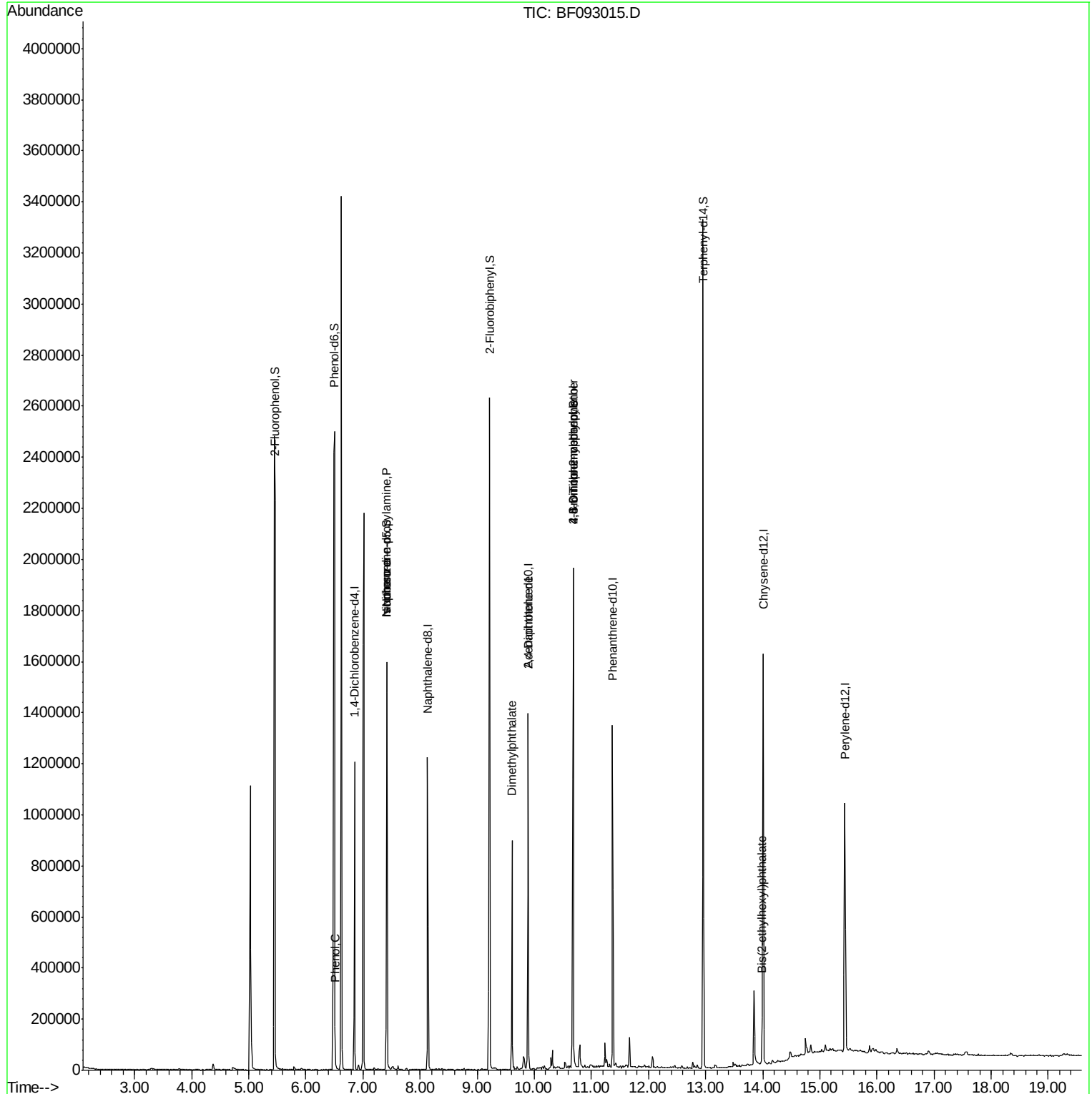
Quant Time: Feb 17 22:14:24 2017

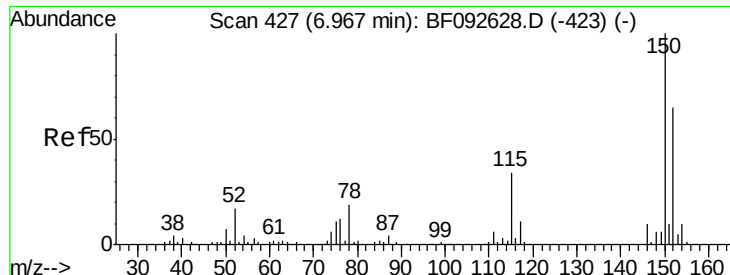
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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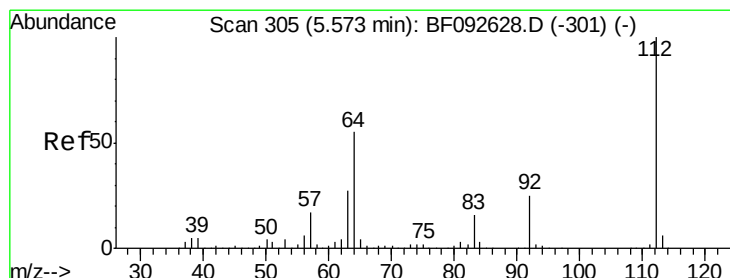
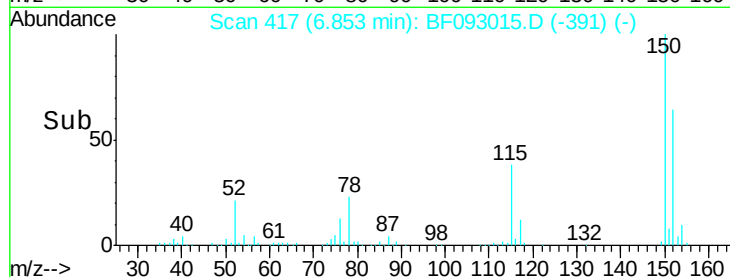
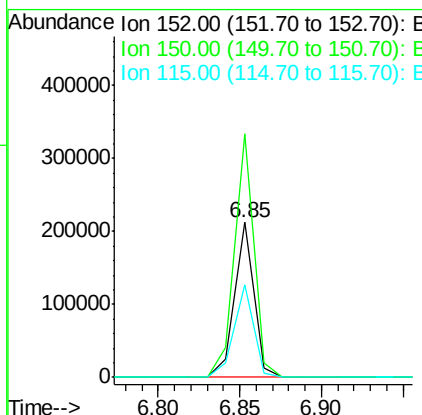
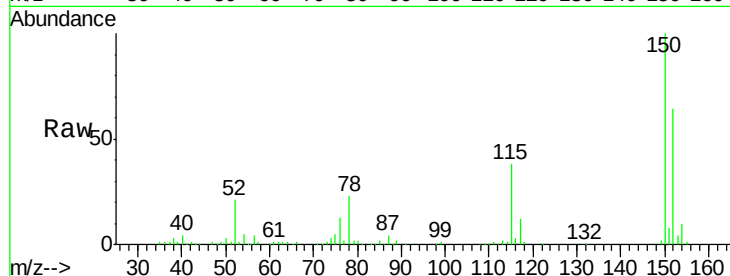


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF093015.D
Acq: 17 Feb 2017 17:25

Instrument :
BNA_F
ClientSampleId :
M-4

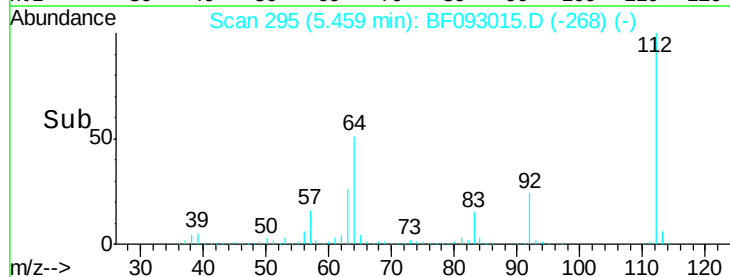
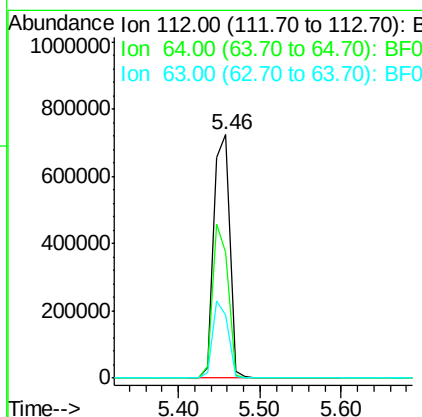
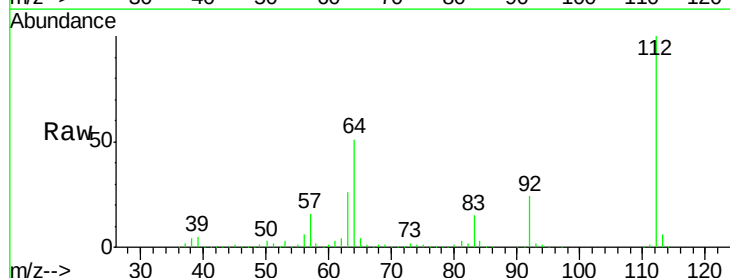
Tgt Ion:152 Resp: 172073
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 59.4 46.0 69.0

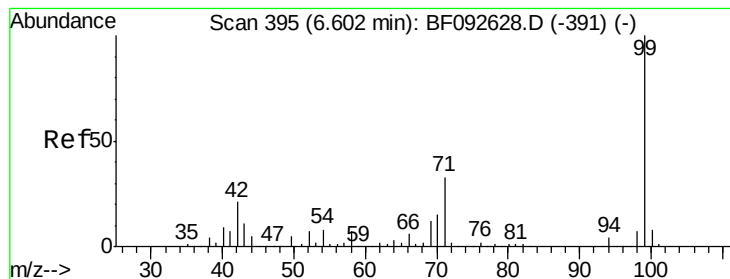


#5

2-Fluorophenol
Concen: 99.05 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF093015.D
Acq: 17 Feb 2017 17:25

Tgt Ion:112 Resp: 993449
Ion Ratio Lower Upper
112 100
64 51.5 46.1 69.1
63 25.8 23.8 35.6





#7

Phenol-d6

Concen: 100.47 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093015.D

Acq: 17 Feb 2017 17:25

Instrument :

BNA_F

ClientSampleId :

M-4

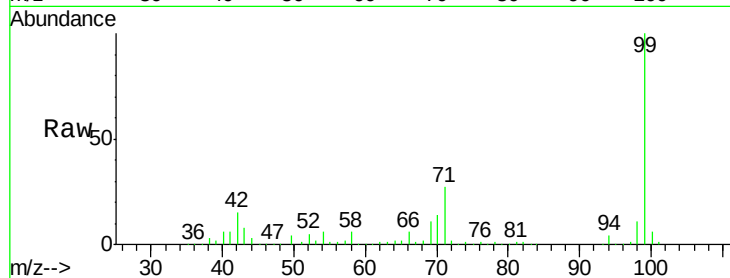
Tgt Ion: 99 Resp: 1296623

Ion Ratio Lower Upper

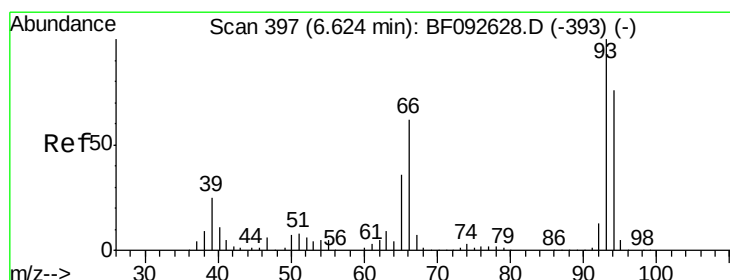
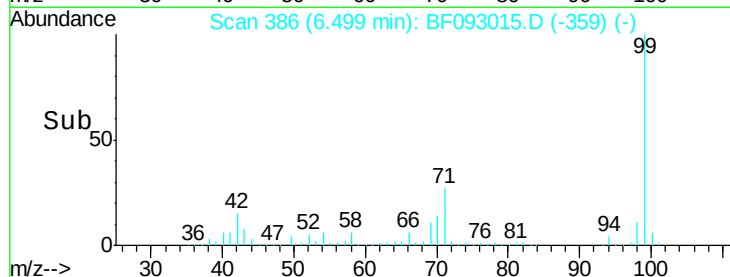
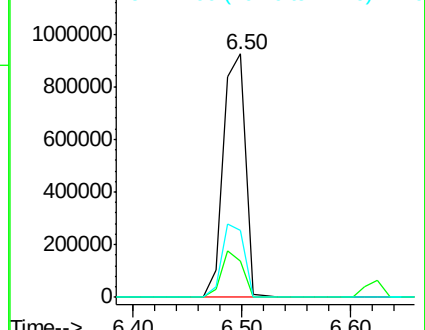
99 100

42 14.8 15.6 23.4#

71 27.3 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: 4.62 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093015.D

Acq: 17 Feb 2017 17:25

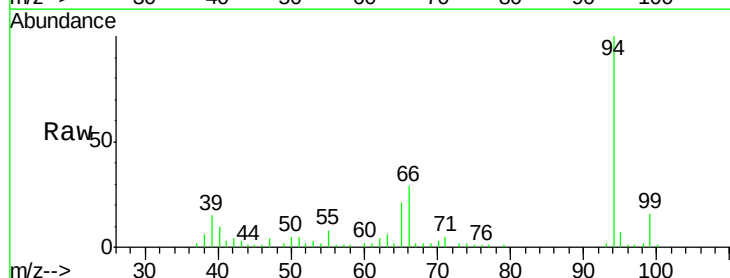
Tgt Ion: 94 Resp: 69756

Ion Ratio Lower Upper

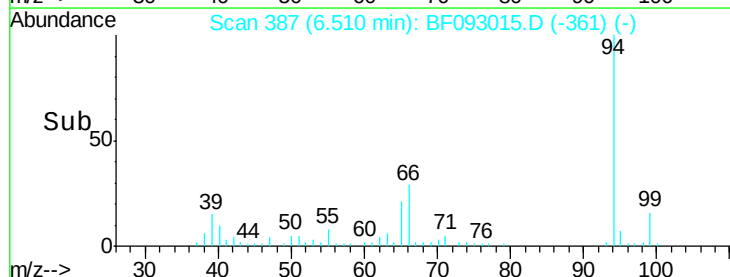
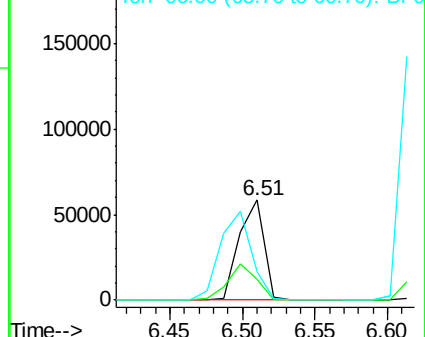
94 100

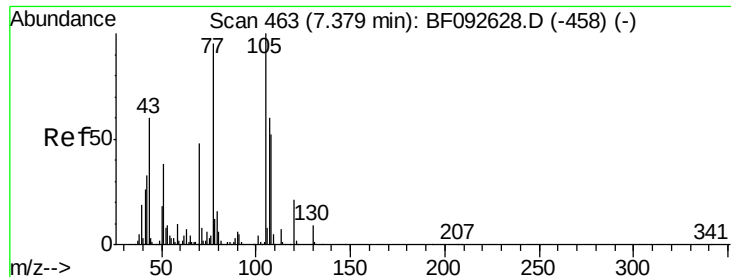
65 21.0 21.4 61.4#

66 29.1 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

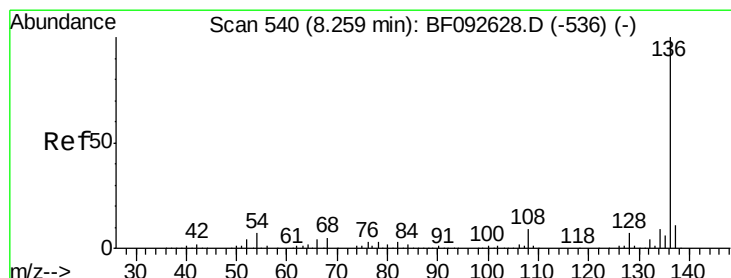
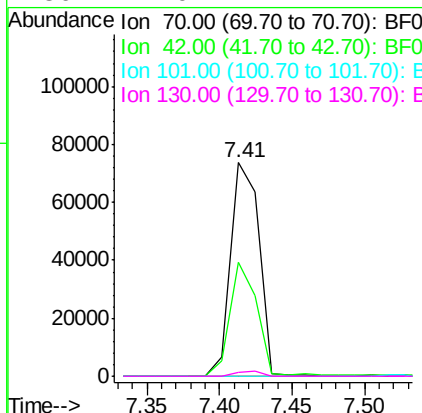
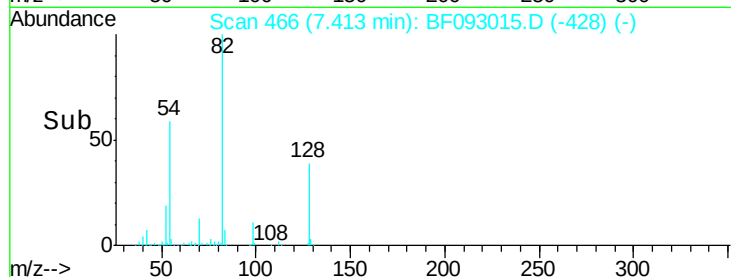
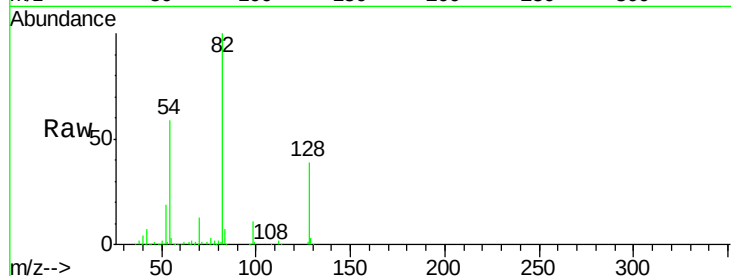




#19
n-Nitroso-di-n-propylamine
Concen: 12.18 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF093015.D
Acq: 17 Feb 2017 17:25

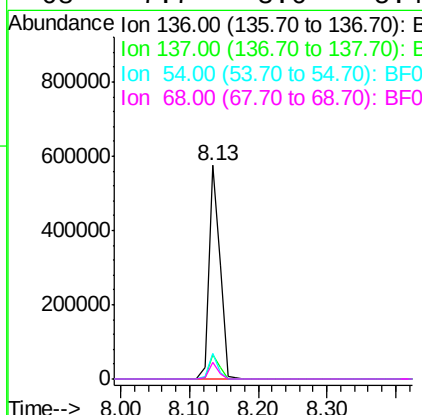
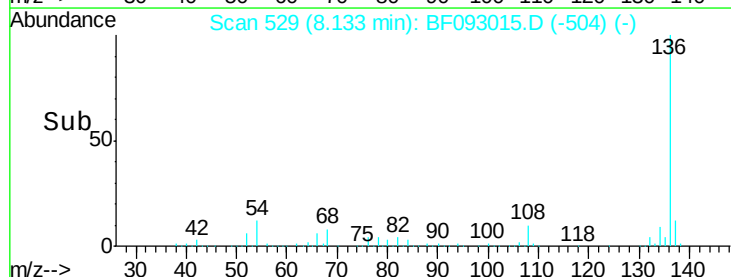
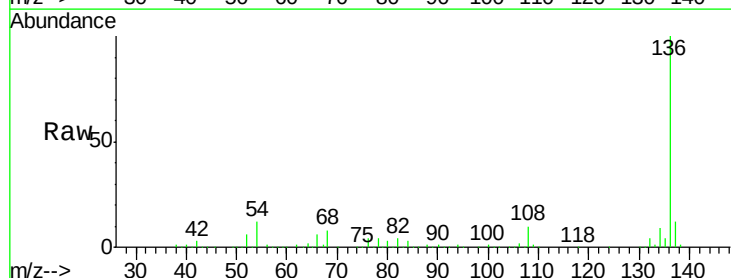
Instrument :
BNA_F
ClientSampleId :
M-4

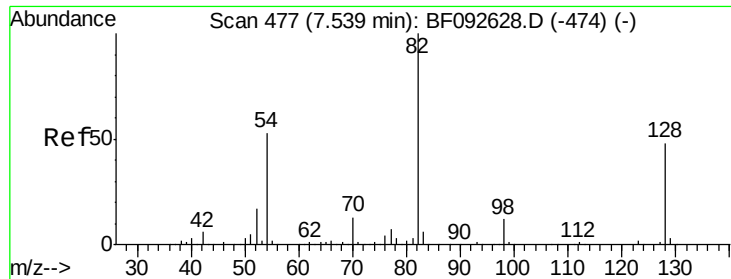
Tgt Ion: 70 Resp: 100093
Ion Ratio Lower Upper
70 100
42 53.4 49.4 74.0
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093015.D
Acq: 17 Feb 2017 17:25

Tgt Ion: 136 Resp: 636452
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 11.8 4.5 6.7#
68 7.7 3.6 5.4#

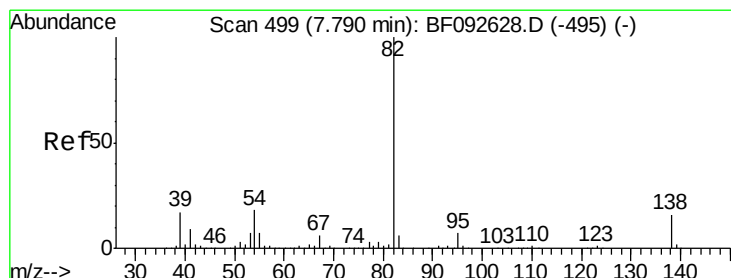
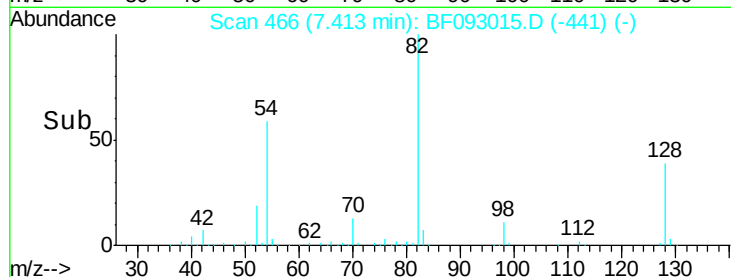
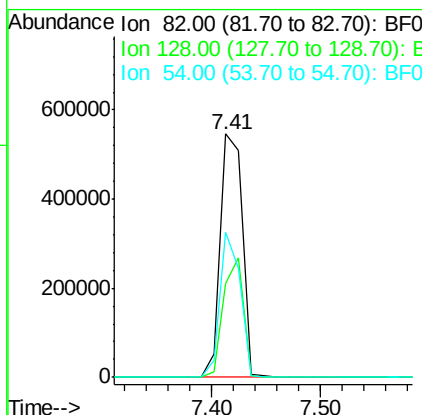
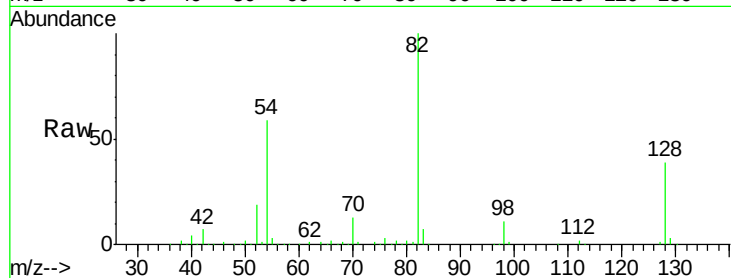




#23
 Nitrobenzene-d5
 Concen: 67.41 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093015.D
 Acq: 17 Feb 2017 17:25

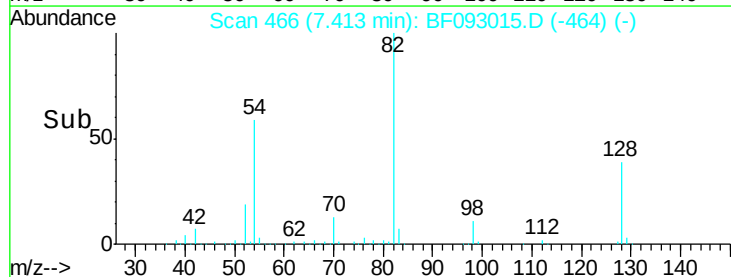
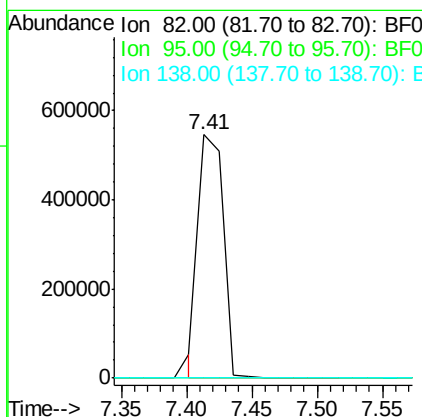
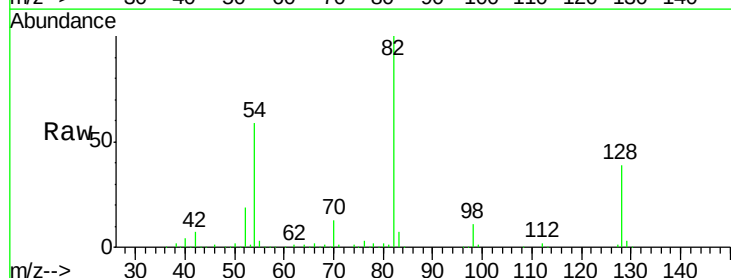
Instrument :
 BNA_F
 ClientSampled :
 M-4

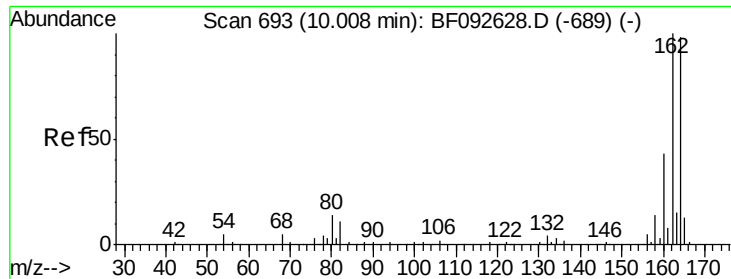
Tgt Ion: 82 Resp: 770431
 Ion Ratio Lower Upper
 82 100
 128 38.7 34.6 52.0
 54 59.4 39.5 59.3#



#25
 Isophorone
 Concen: 34.36 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.27 min
 Lab File: BF093015.D
 Acq: 17 Feb 2017 17:25

Tgt Ion: 82 Resp: 731775
 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: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF093015.D

Acq: 17 Feb 2017 17:25

Instrument :

BNA_F

ClientSampleId :

M-4

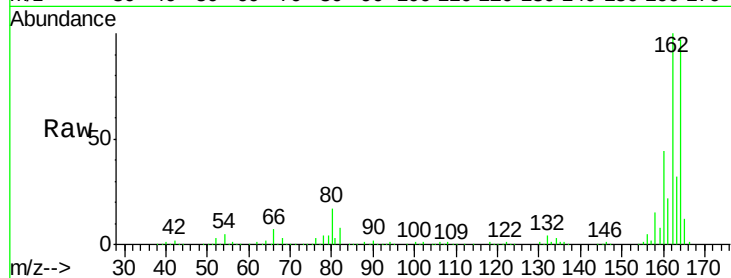
Tgt Ion:164 Resp: 320947

Ion Ratio Lower Upper

164 100

162 103.2 80.2 120.2

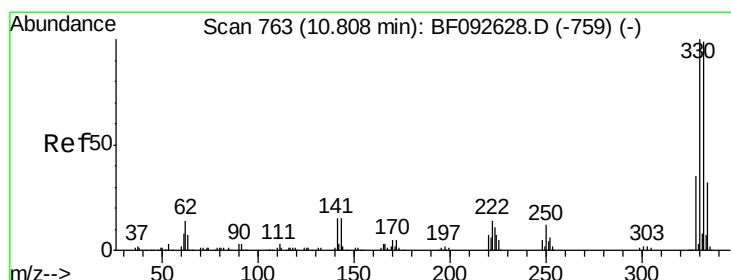
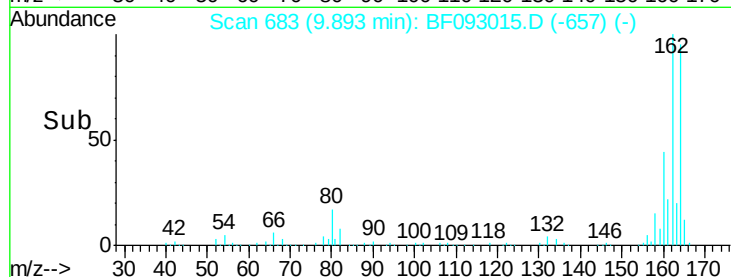
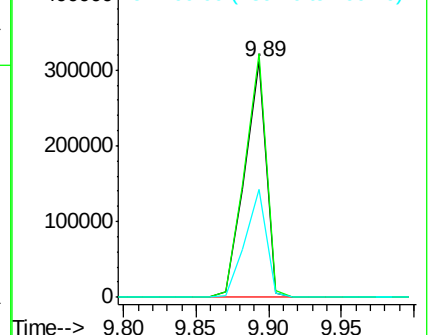
160 45.7 36.9 55.3



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: 113.92 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF093015.D

Acq: 17 Feb 2017 17:25

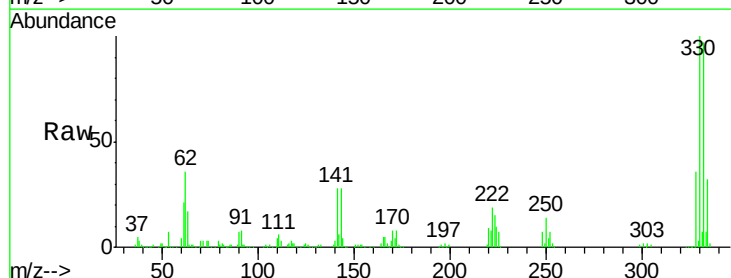
Tgt Ion:330 Resp: 264430

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

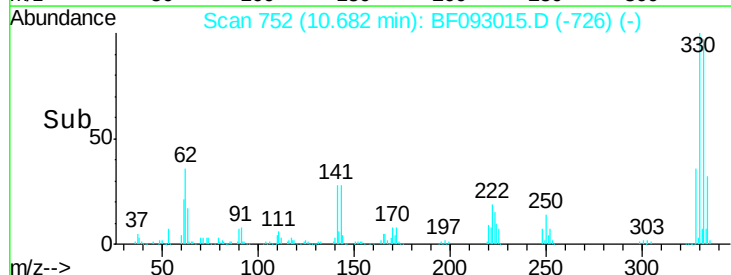
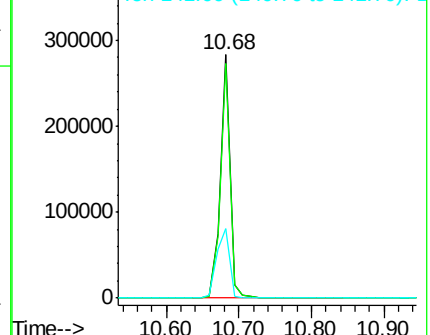
141 37.9 34.1 51.1

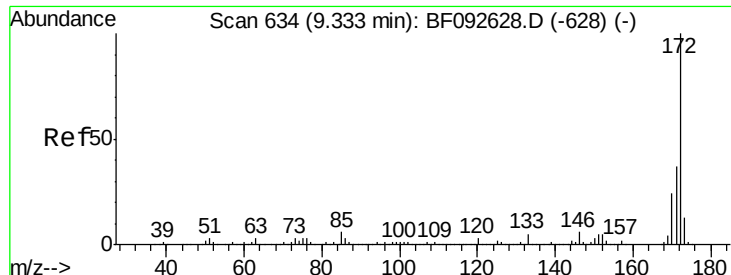


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

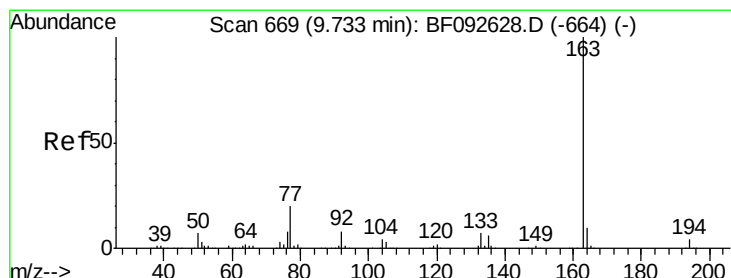
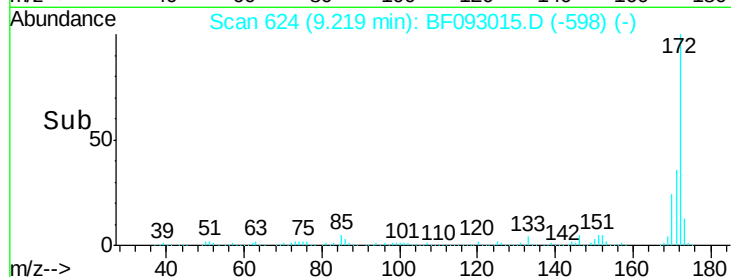
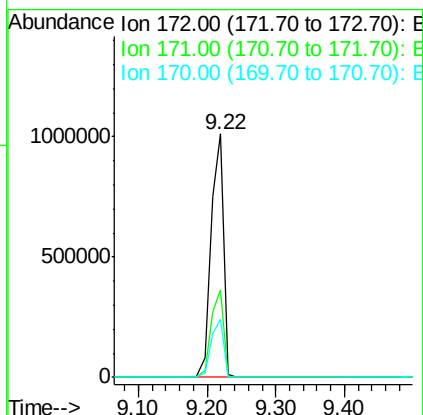
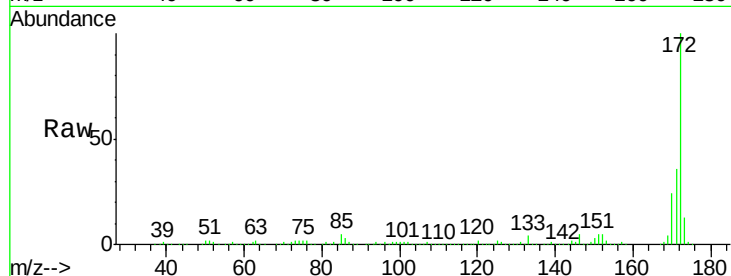




#44
 2-Fluorobiphenyl
 Concen: 72.53 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093015.D
 Acq: 17 Feb 2017 17:25

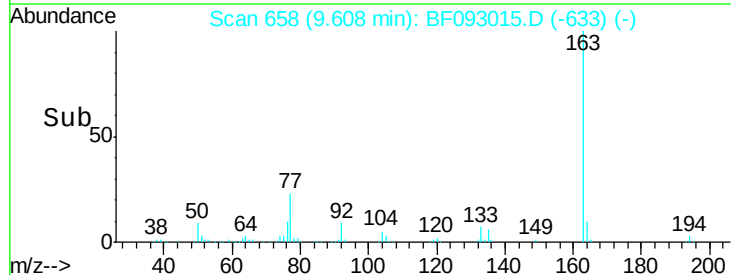
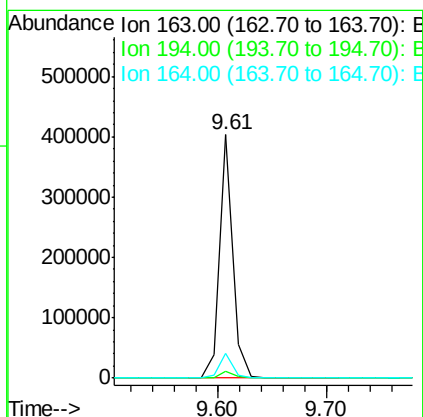
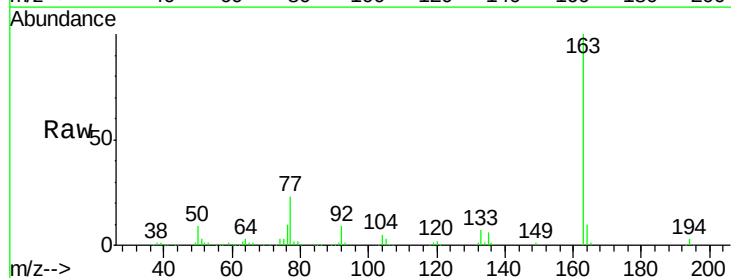
Instrument :
 BNA_F
 ClientSampled :
 M-4

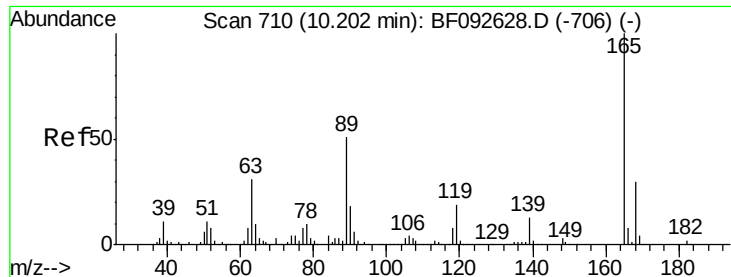
Tgt Ion:172 Resp: 1284971
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 23.9 20.2 30.4



#49
 Dimethylphthalate
 Concen: 16.04 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF093015.D
 Acq: 17 Feb 2017 17:25

Tgt Ion:163 Resp: 346772
 Ion Ratio Lower Upper
 163 100
 194 3.0 3.0 4.4
 164 10.1 8.0 12.0

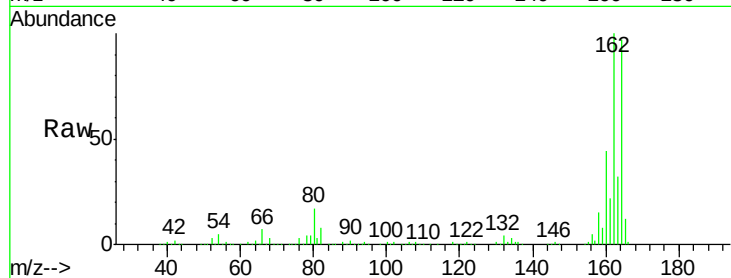




#56
 2,4-Dinitrotoluene
 Concen: 6.51 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.19 min
 Lab File: BF093015.D
 Acq: 17 Feb 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 M-4

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#

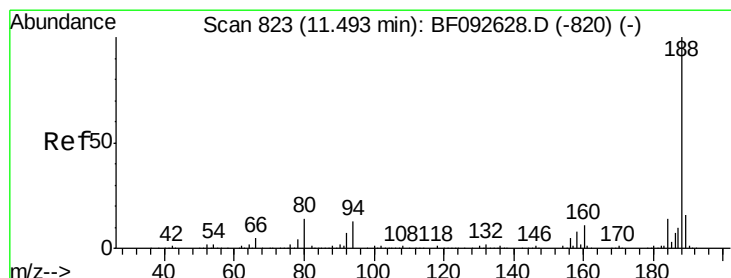
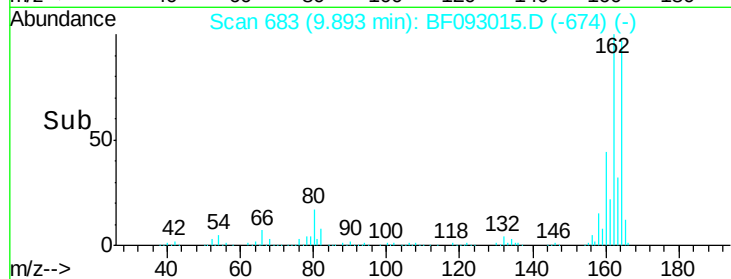
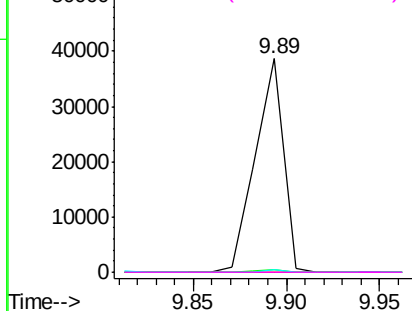


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

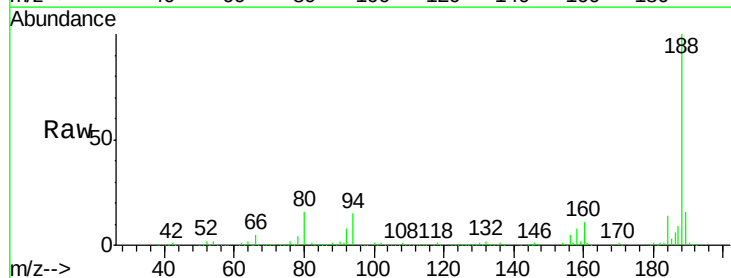
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF093015.D
 Acq: 17 Feb 2017 17:25

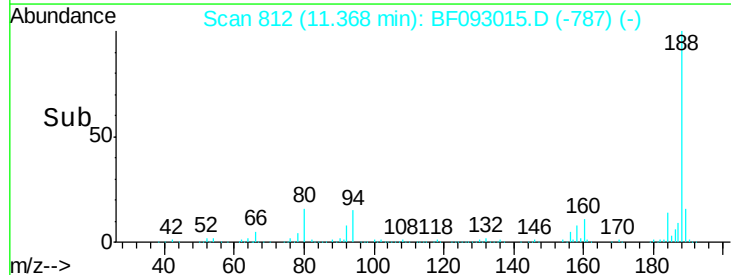
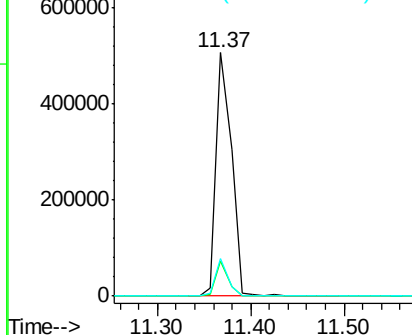
Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.5	10.0	15.0
80	15.5	11.2	16.8

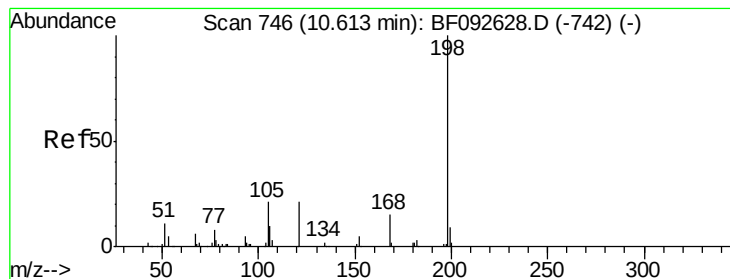


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.85 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.18 min

Lab File: BF093015.D

Acq: 17 Feb 2017 17:25

Instrument :

BNA_F

ClientSampled :

M-4

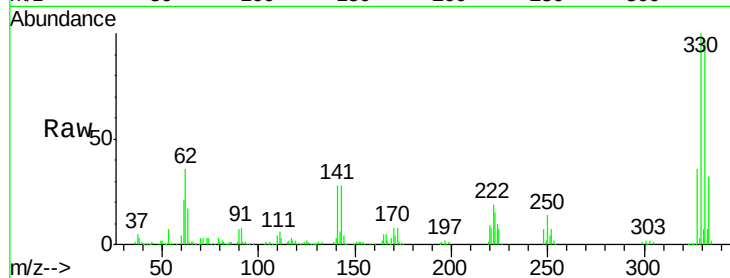
Tgt Ion:198 Resp: 668

Ion Ratio Lower Upper

198 100

51 190.6 6.7 46.7#

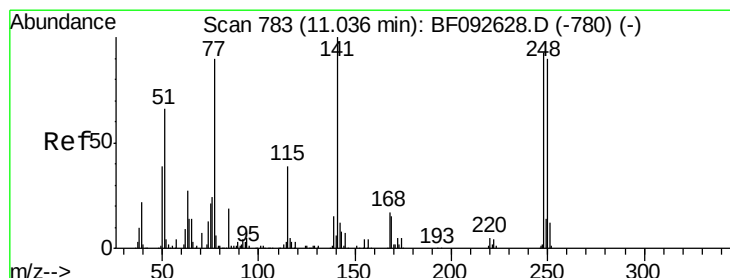
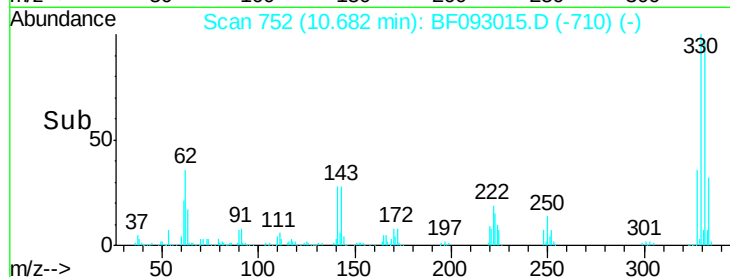
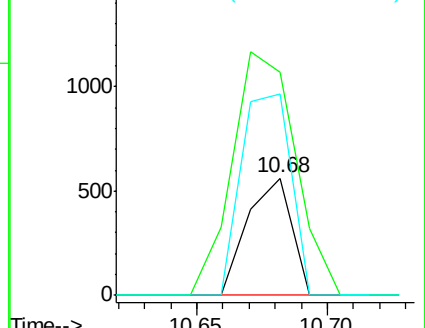
105 172.0 16.6 56.6#



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: 3.29 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.24 min

Lab File: BF093015.D

Acq: 17 Feb 2017 17:25

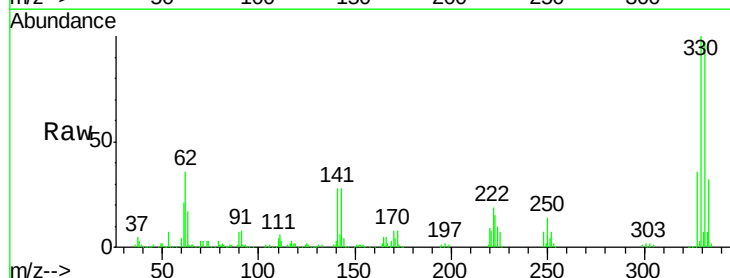
Tgt Ion:248 Resp: 19781

Ion Ratio Lower Upper

248 100

250 199.3 76.9 115.3#

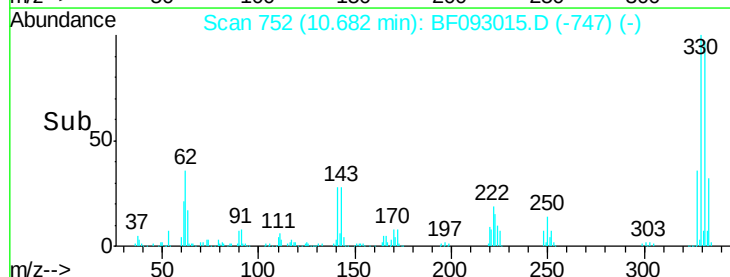
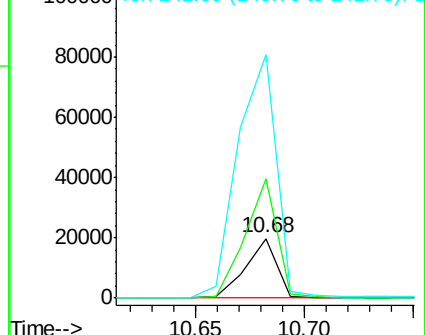
141 407.0 68.2 102.4#

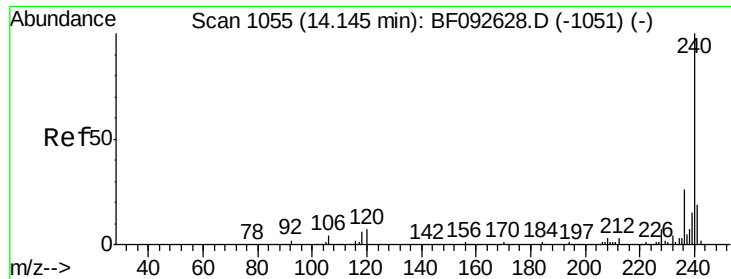


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093015.D

Acq: 17 Feb 2017 17:25

Instrument :

BNA_F

ClientSampleId :

M-4

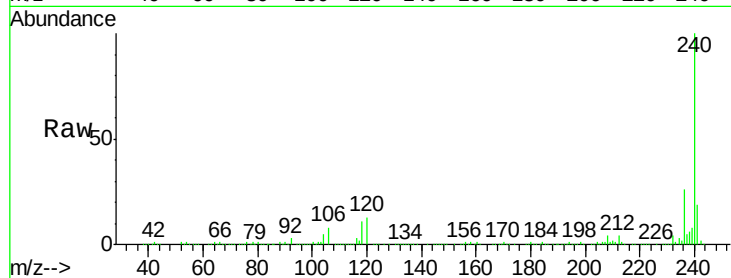
Tgt Ion:240 Resp: 548274

Ion Ratio Lower Upper

240 100

120 12.6 12.9 19.3#

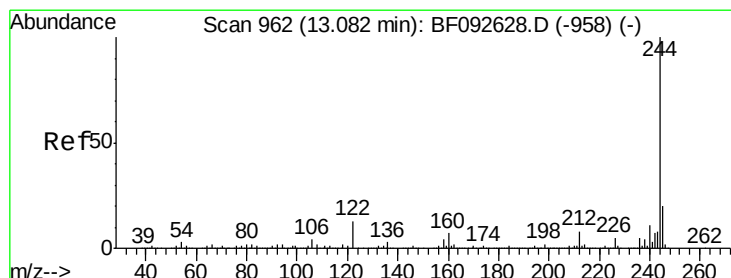
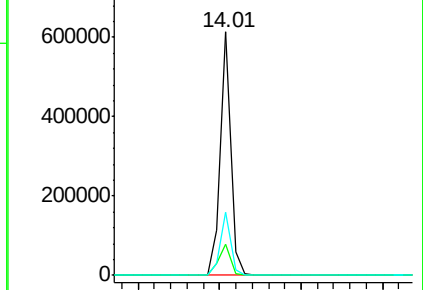
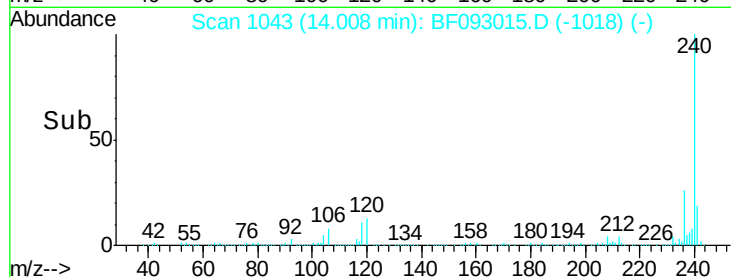
236 25.9 20.9 31.3



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: 44.38 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093015.D

Acq: 17 Feb 2017 17:25

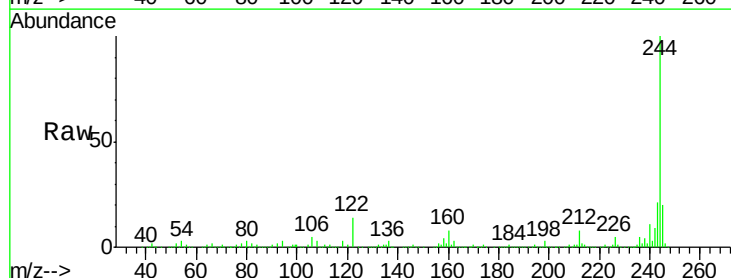
Tgt Ion:244 Resp: 1035541

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

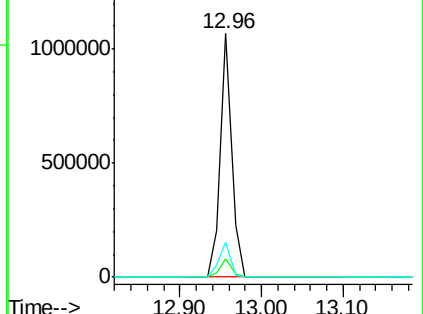
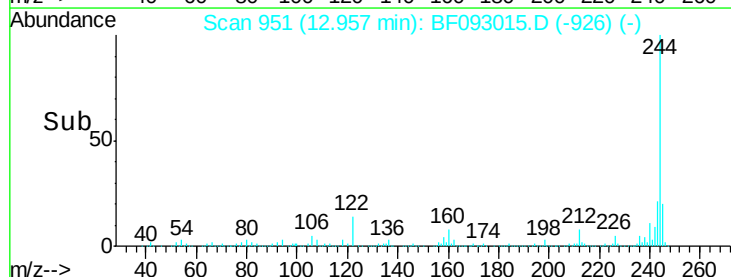
122 14.3 11.4 17.2

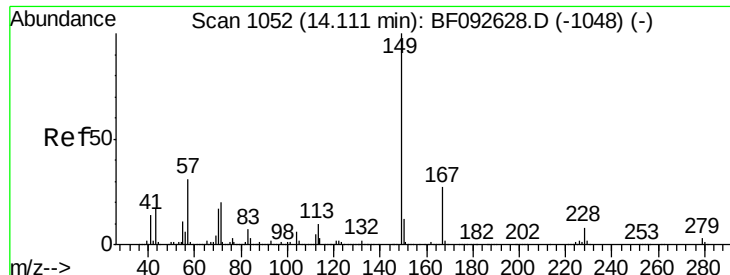


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.05 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF093015.D

Acq: 17 Feb 2017 17:25

Instrument :

BNA_F

ClientSampleId :

M-4

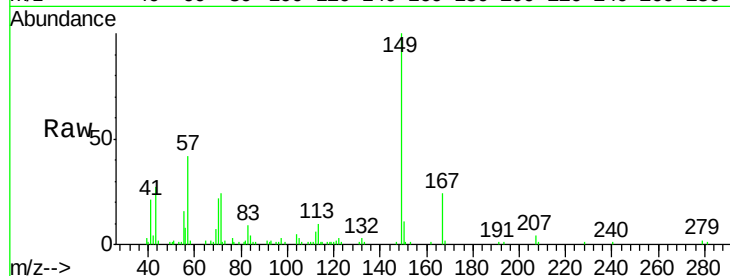
Tgt Ion:149 Resp: 46639

Ion Ratio Lower Upper

149 100

167 24.1 20.2 30.4

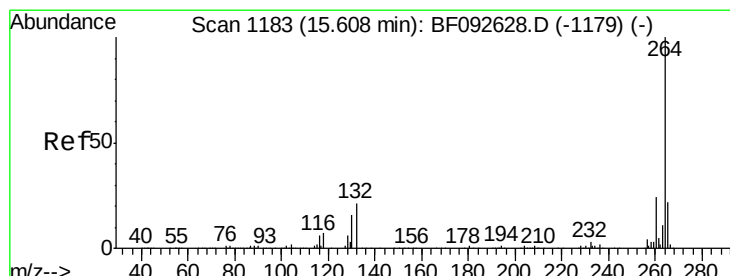
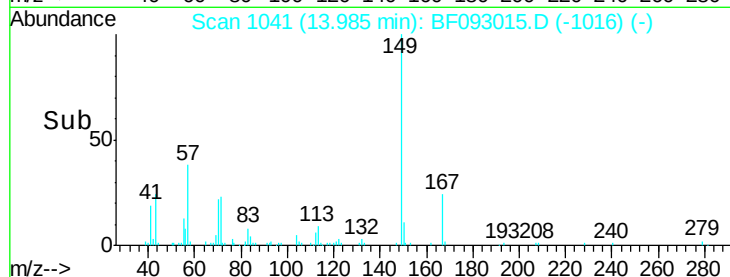
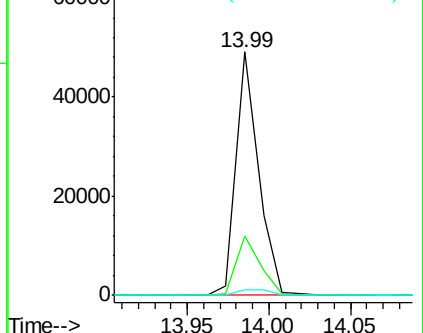
279 2.1 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF093015.D

Acq: 17 Feb 2017 17:25

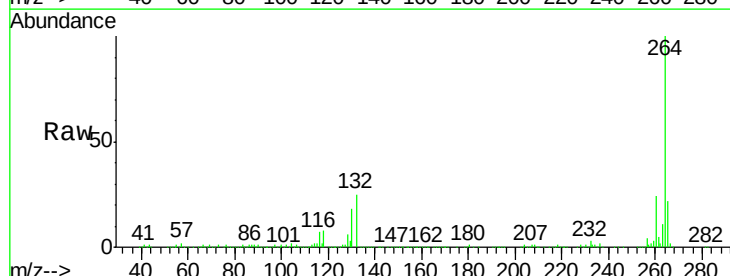
Tgt Ion:264 Resp: 441162

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.5 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

