

Data File : BF093036.D
Acq On : 20 Feb 2017 18:53
Operator : SJ/MA
Sample : I1890-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
24B-7-9

Quant Time: Feb 20 23:42:49 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	152594	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	597720	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	288505	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	538697	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	507204	20.00	ng	-0.01
86) Perylene-d12	15.43	264	408399	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1311878	147.50	ng	0.00
7) Phenol-d6	6.49	99	1599022	139.72	ng	0.00
23) Nitrobenzene-d5	7.41	82	979413	91.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	360213	172.63	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1823388	114.50	ng	0.00
78) Terphenyl-d14	12.96	244	1432527	66.36	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	69687	5.20	ng	# 66
19) n-Nitroso-di-n-propylamine	7.41	70	128105	17.58	ng	# 83
25) Isophorone	7.41	82	770041	38.50	ng	# 65
49) Dimethylphthalate	9.61	163	652447	33.57	ng	98
56) 2,4-Dinitrotoluene	9.89	165	36220	6.48	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.68	198	879	2.92	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	26891	4.78	ng	# 1

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

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24B-7-9

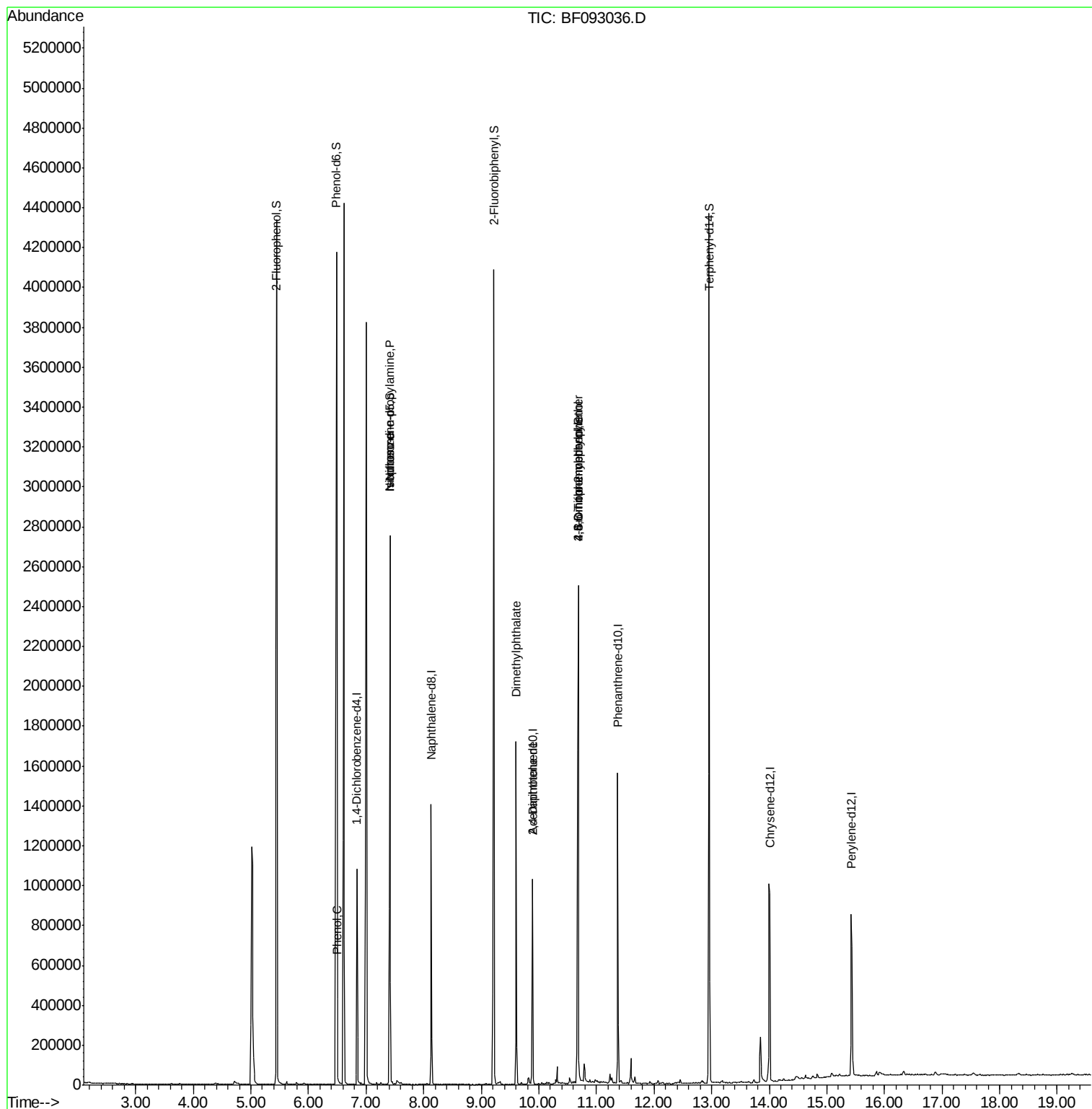
Quant Time: Feb 20 23:42:49 2017

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

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ClientSampleId :

24B-7-9

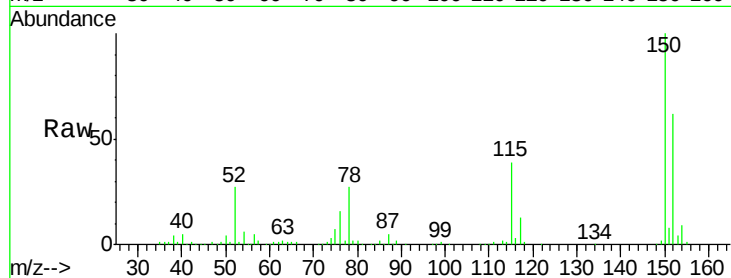
Tgt Ion:152 Resp: 152594

Ion Ratio Lower Upper

152 100

150 161.2 124.9 187.3

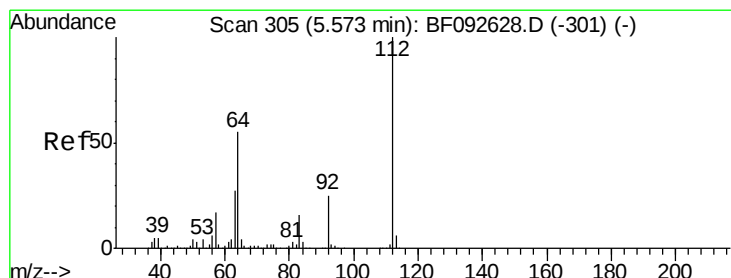
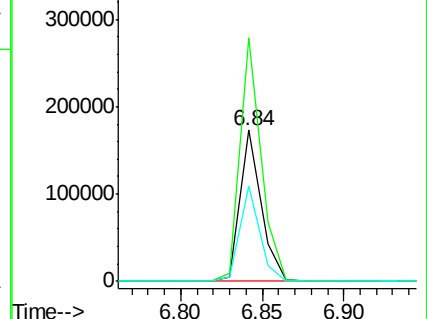
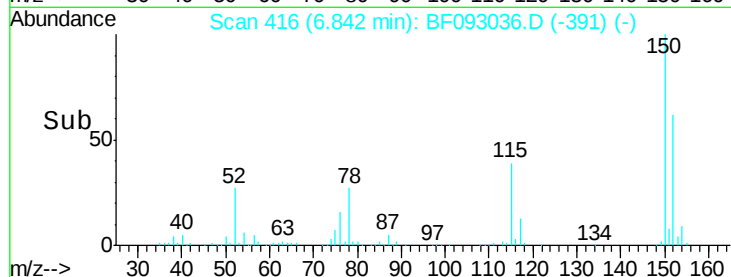
115 63.4 46.0 69.0



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: 147.50 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF093036.D

Acq: 20 Feb 2017 18:53

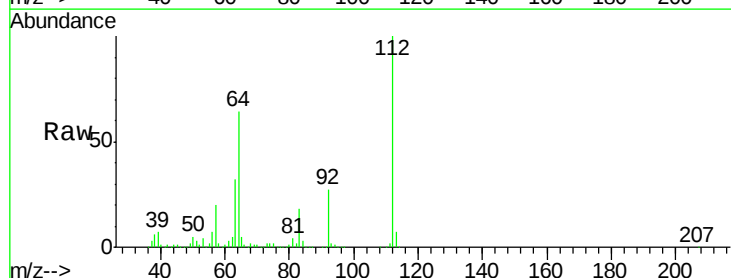
Tgt Ion:112 Resp: 1311878

Ion Ratio Lower Upper

112 100

64 64.4 46.1 69.1

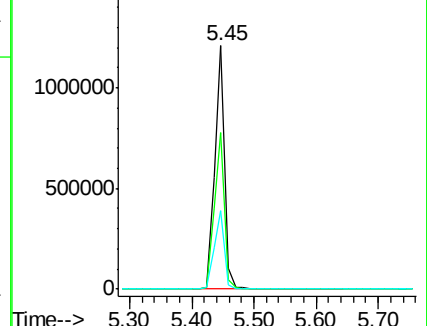
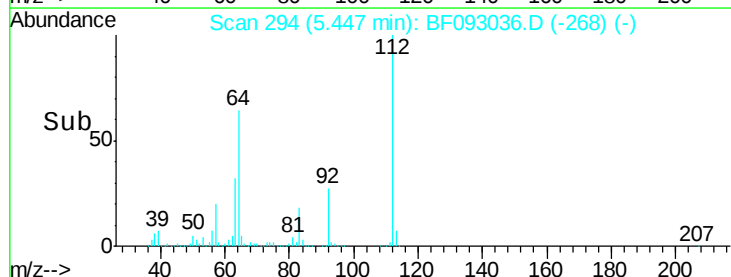
63 32.2 23.8 35.6

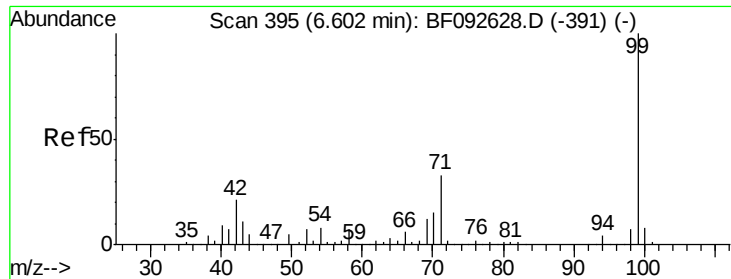


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.72 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF093036.D

Acq: 20 Feb 2017 18:53

Instrument :

BNA_F

ClientSampleId :

24B-7-9

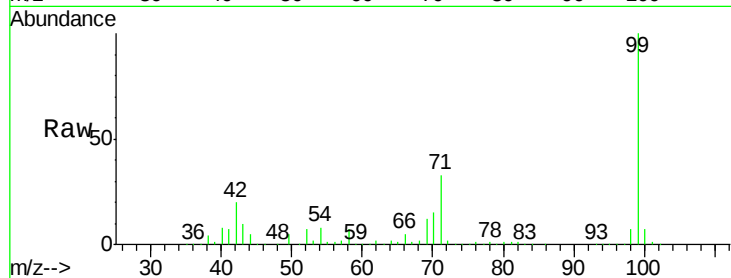
Tgt Ion: 99 Resp: 1599022

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

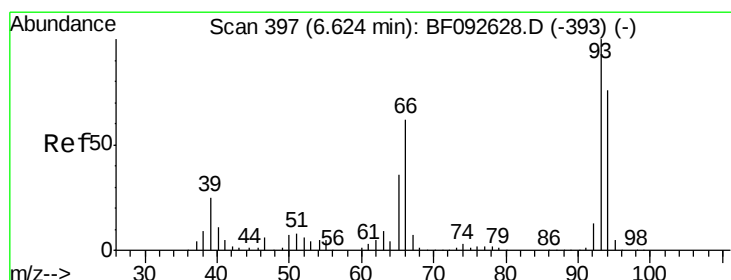
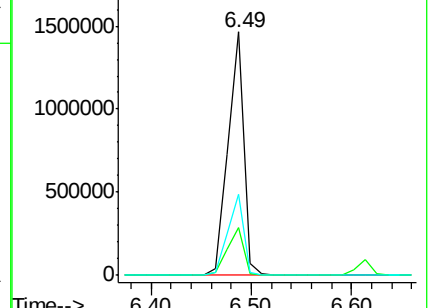
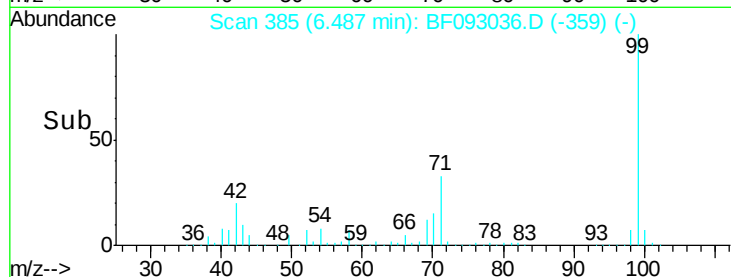
71 33.2 27.5 41.3



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: 5.20 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093036.D

Acq: 20 Feb 2017 18:53

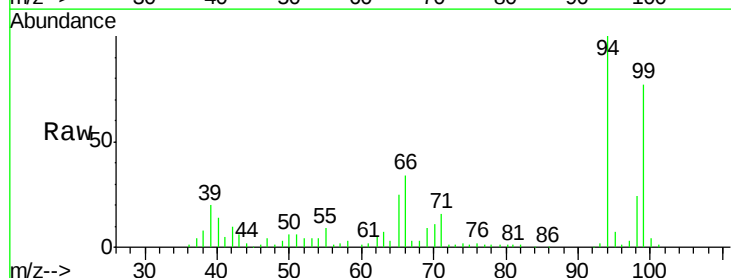
Tgt Ion: 94 Resp: 69687

Ion Ratio Lower Upper

94 100

65 24.6 21.4 61.4

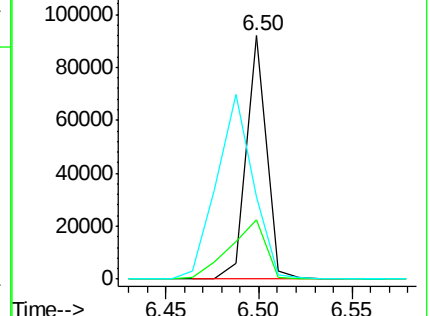
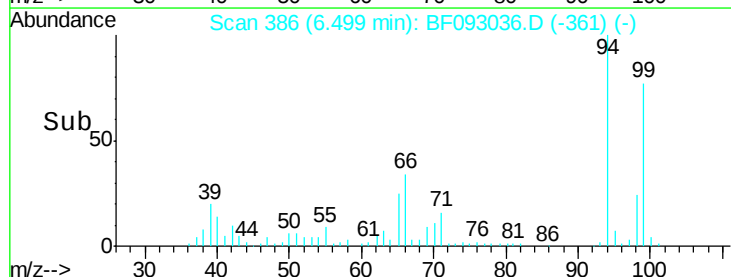
66 33.9 44.0 84.0#



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

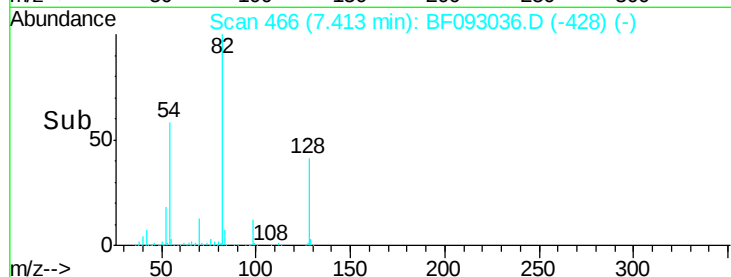
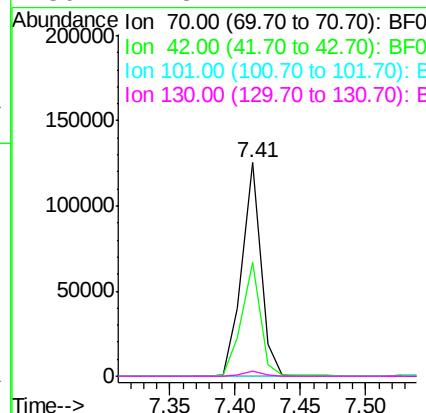
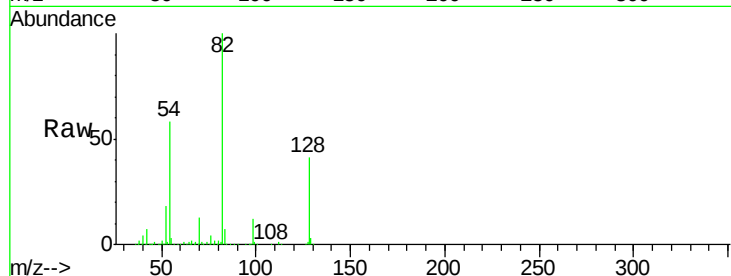




#19
n-Nitroso-di-n-propylamine
Concen: 17.58 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF093036.D
Acq: 20 Feb 2017 18:53

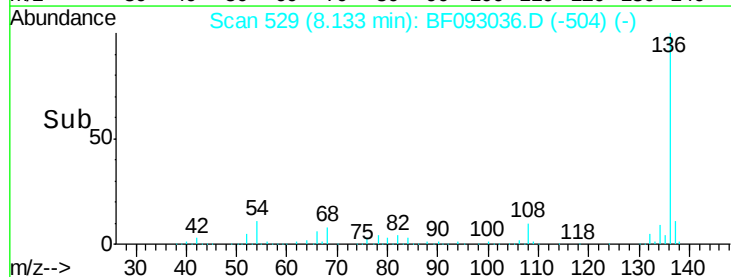
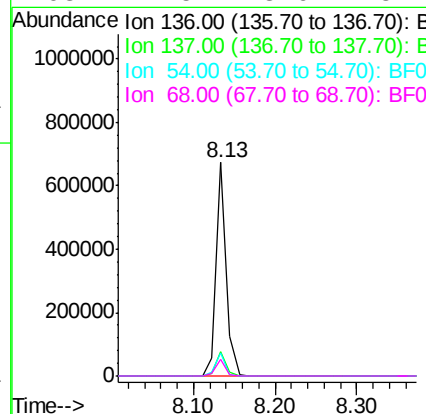
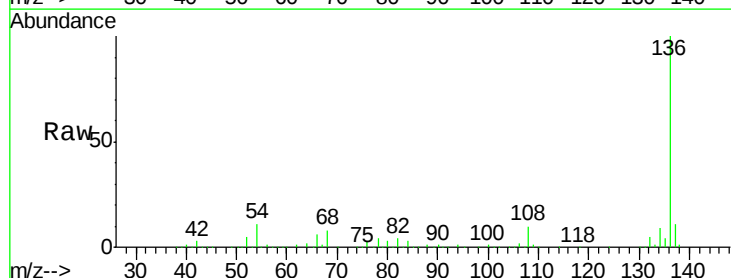
Instrument :
BNA_F
ClientSampleId :
24B-7-9

Tgt Ion: 70 Resp: 128105
Ion Ratio Lower Upper
70 100
42 53.3 49.4 74.0
101 0.0 7.4 11.2#
130 2.3 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: BF093036.D
Acq: 20 Feb 2017 18:53

Tgt Ion: 136 Resp: 597720
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 11.0 4.5 6.7#
68 7.5 3.6 5.4#

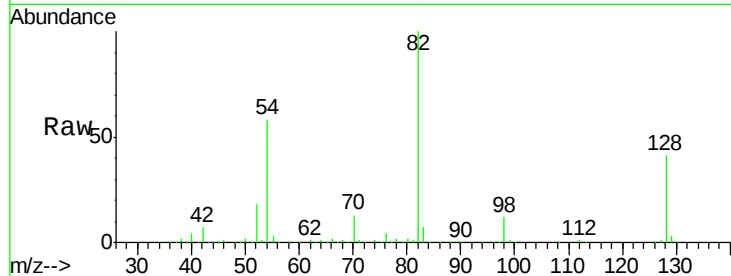




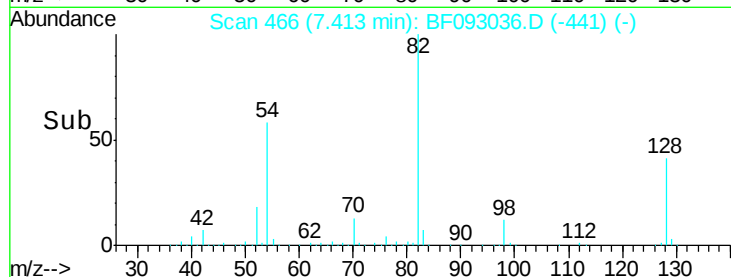
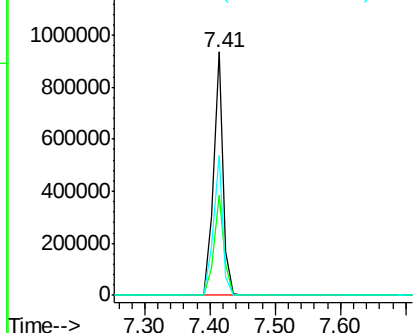
#23
 Nitrobenzene-d5
 Concen: 91.25 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093036.D
 Acq: 20 Feb 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 24B-7-9

Tgt Ion: 82 Resp: 979413
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.6 52.0
 54 57.7 39.5 59.3

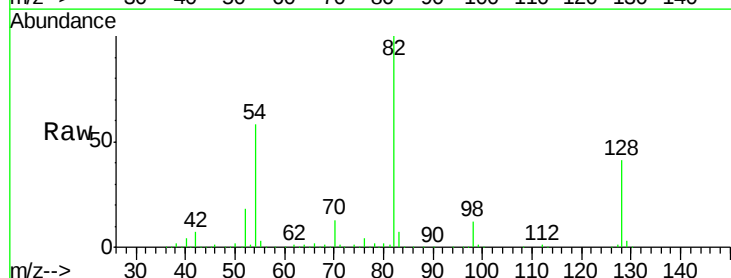


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

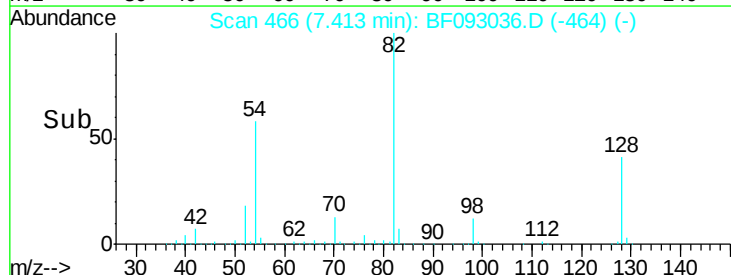
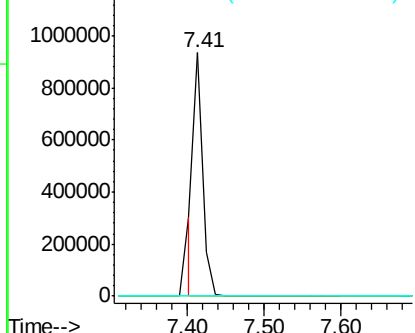


#25
 Isophorone
 Concen: 38.50 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.27 min
 Lab File: BF093036.D
 Acq: 20 Feb 2017 18:53

Tgt Ion: 82 Resp: 770041
 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: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF093036.D

Acq: 20 Feb 2017 18:53

Instrument :

BNA_F

ClientSampleId :

24B-7-9

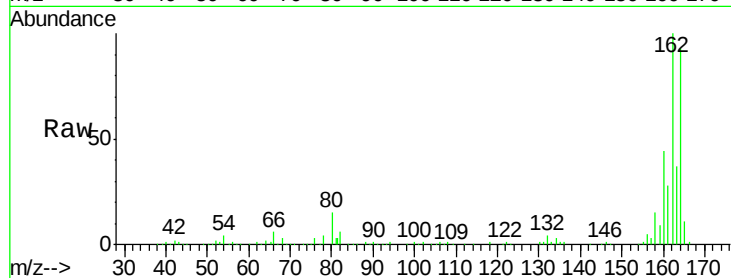
Tgt Ion:164 Resp: 288505

Ion Ratio Lower Upper

164 100

162 107.8 80.2 120.2

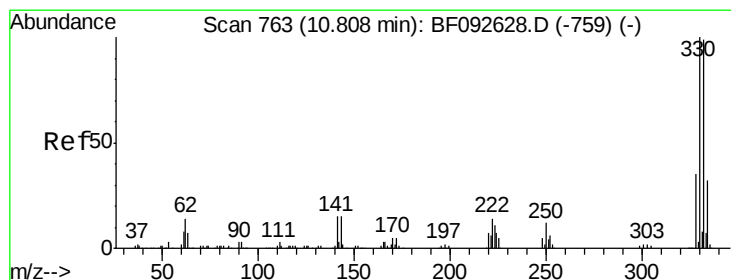
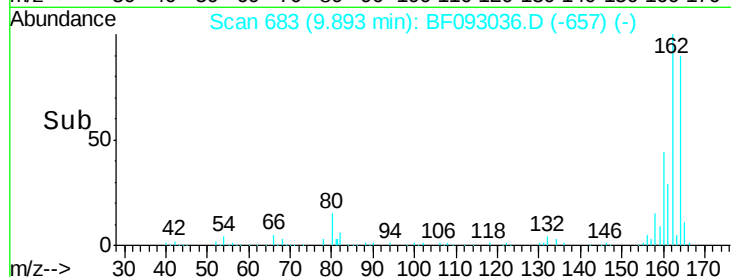
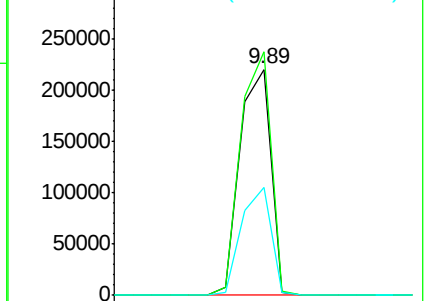
160 47.7 36.9 55.3



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: 172.63 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF093036.D

Acq: 20 Feb 2017 18:53

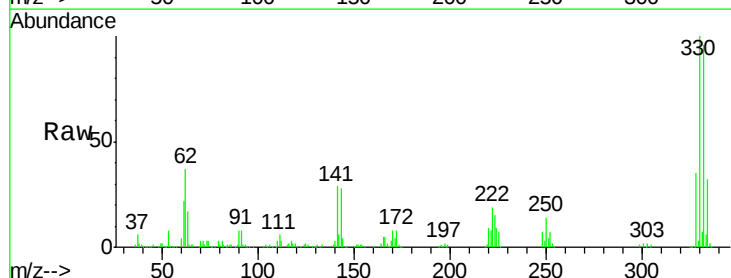
Tgt Ion:330 Resp: 360213

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.2

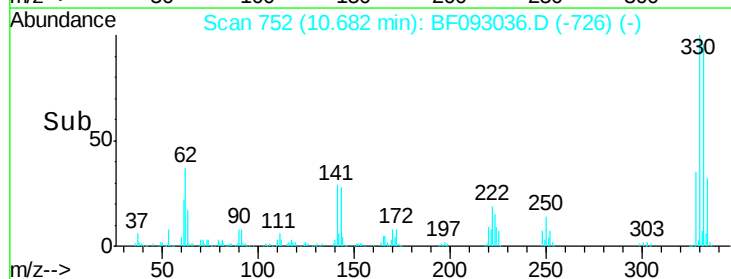
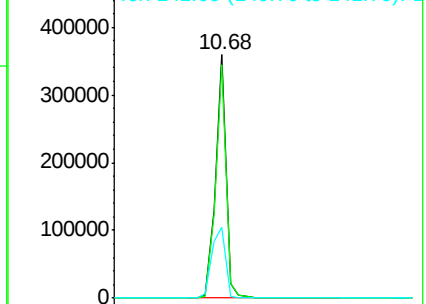
141 38.6 34.1 51.1



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

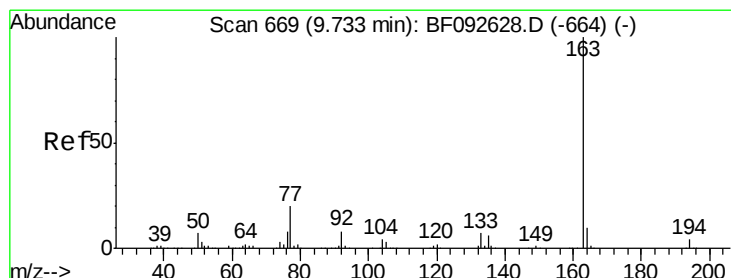
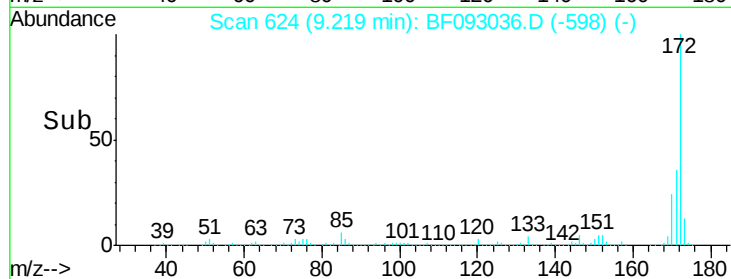
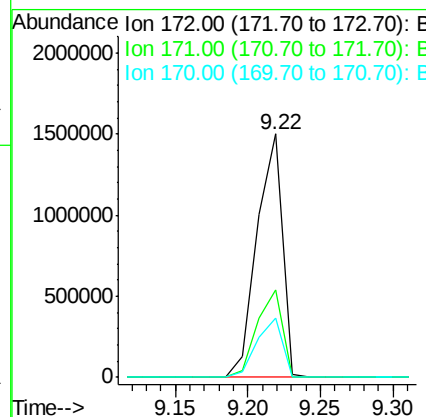
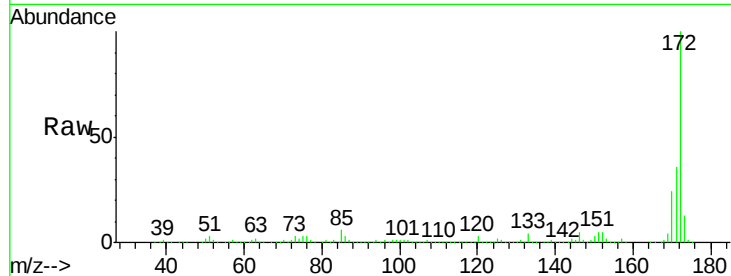




#44
 2-Fluorobiphenyl
 Concen: 114.50 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093036.D
 Acq: 20 Feb 2017 18:53

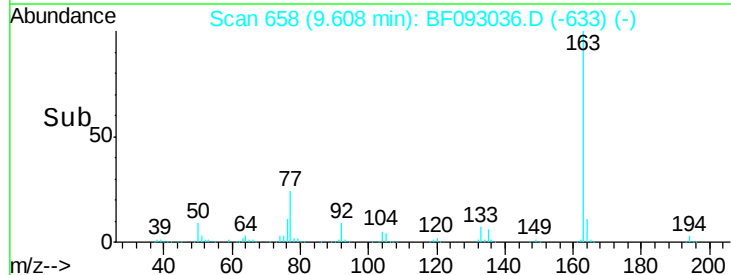
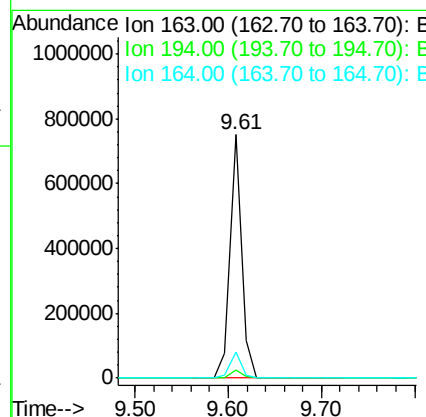
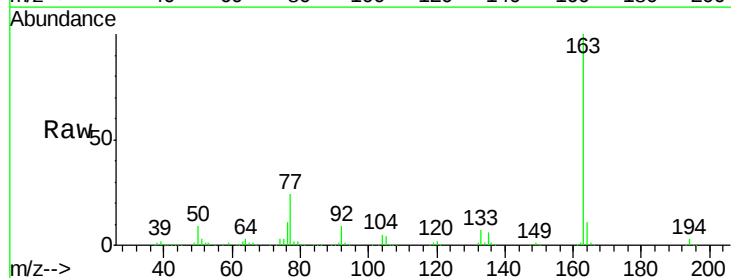
Instrument :
 BNA_F
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 24B-7-9

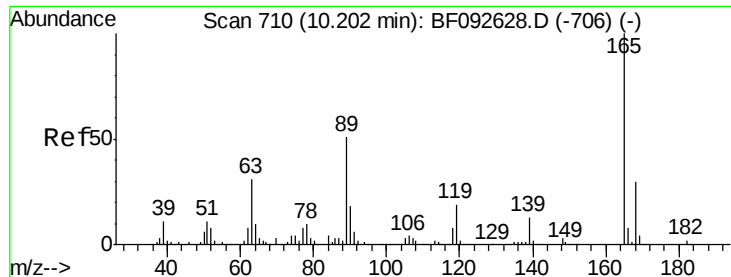
Tgt Ion:172 Resp: 1823388
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.5 20.2 30.4



#49
 Dimethylphthalate
 Concen: 33.57 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF093036.D
 Acq: 20 Feb 2017 18:53

Tgt Ion:163 Resp: 652447
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.0 4.4
 164 10.7 8.0 12.0

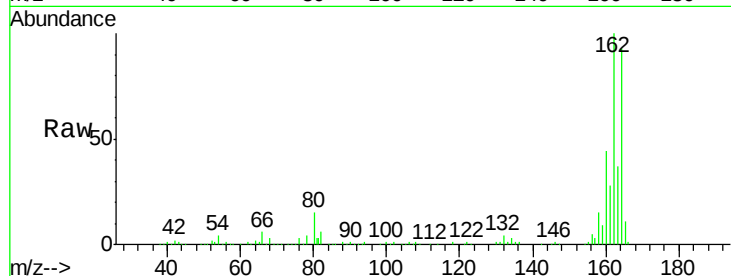




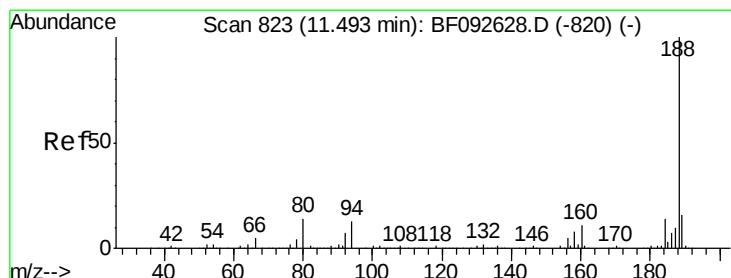
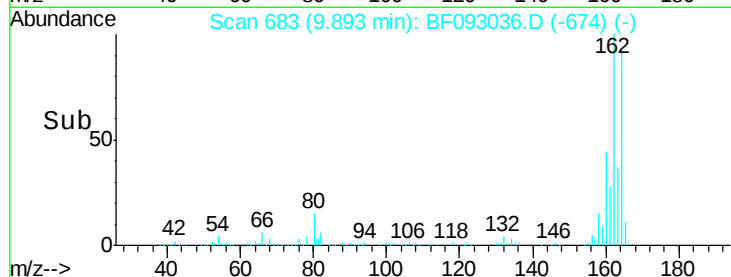
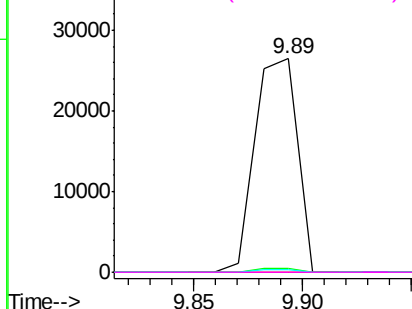
#56
 2,4-Dinitrotoluene
 Concen: 6.48 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.19 min
 Lab File: BF093036.D
 Acq: 20 Feb 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 24B-7-9

Tgt Ion:165 Resp: 36220
 Ion Ratio Lower Upper
 165 100
 63 1.6 40.2 60.4#
 89 1.5 62.5 93.7#
 182 0.0 1.8 2.8#

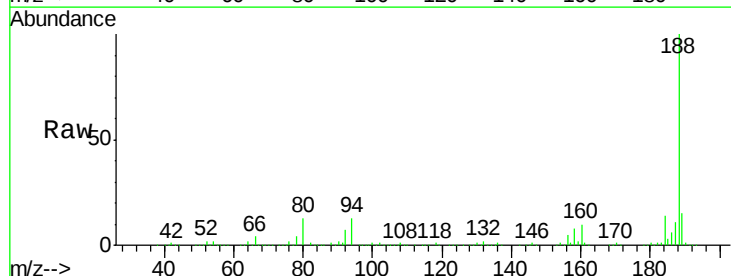


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

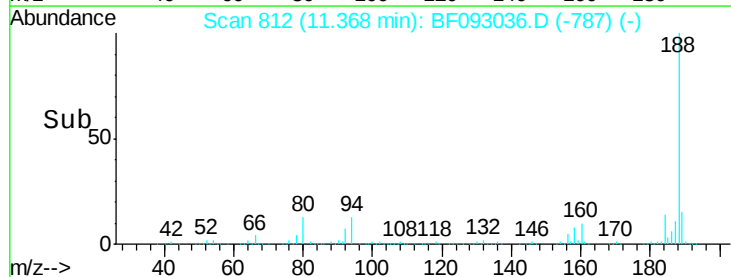
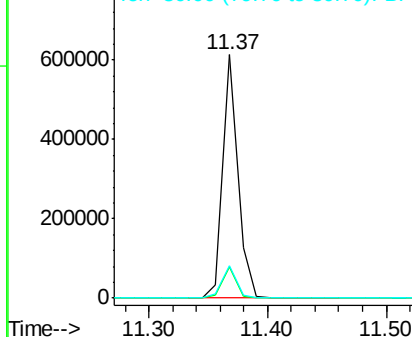


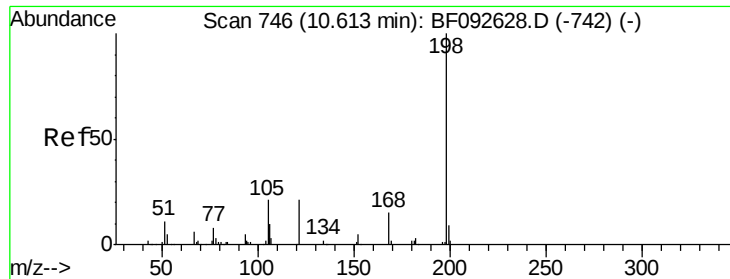
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF093036.D
 Acq: 20 Feb 2017 18:53

Tgt Ion:188 Resp: 538697
 Ion Ratio Lower Upper
 188 100
 94 12.5 10.0 15.0
 80 13.3 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

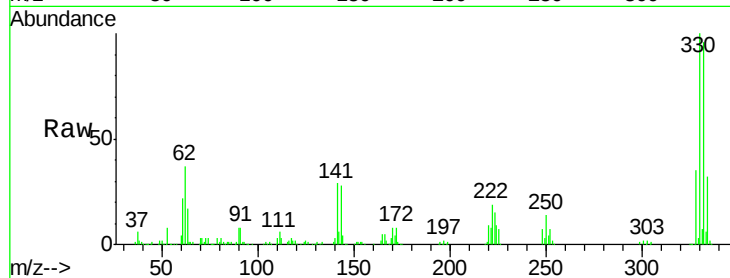




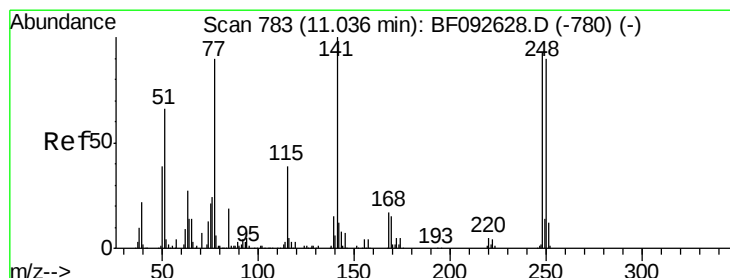
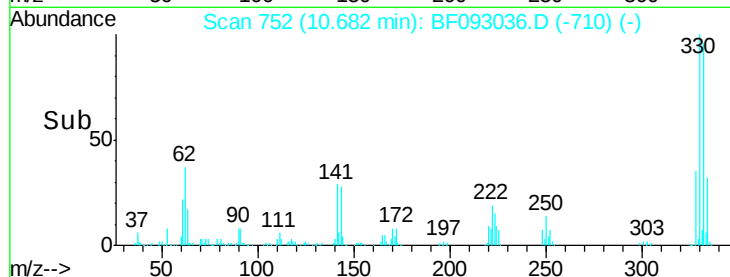
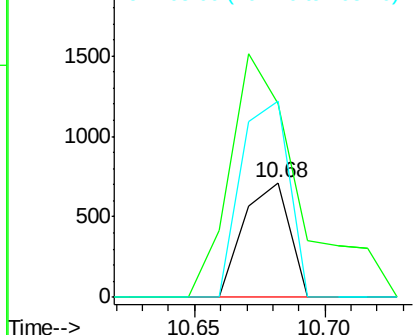
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.92 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.18 min
 Lab File: BF093036.D
 Acq: 20 Feb 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 24B-7-9

Tgt Ion:198 Resp: 879
 Ion Ratio Lower Upper
 198 100
 51 169.0 6.7 46.7#
 105 171.1 16.6 56.6#

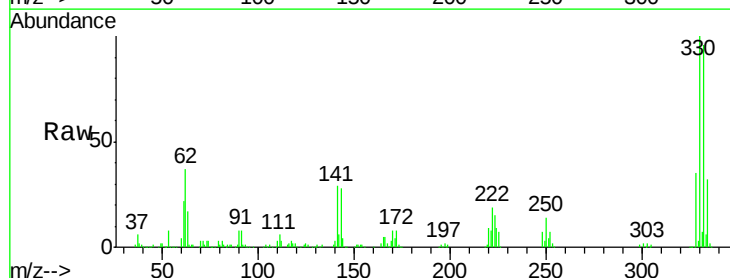


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

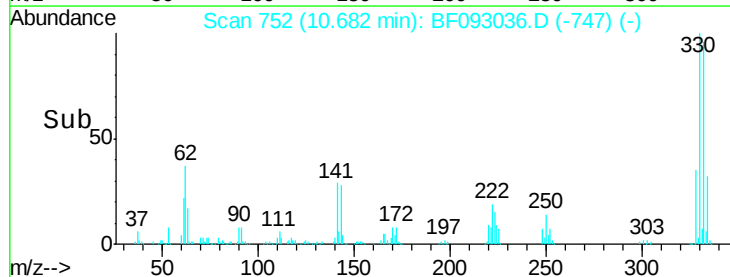
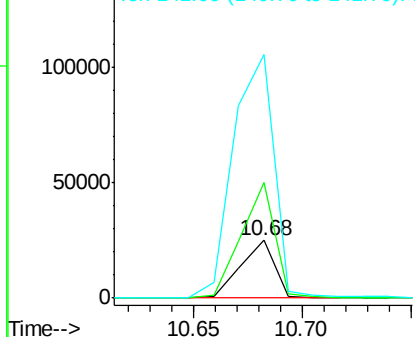


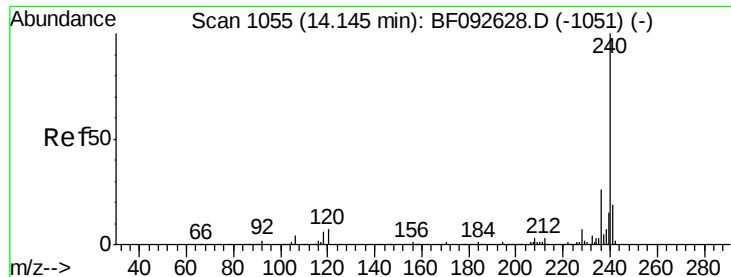
#66
 4-Bromophenyl-phenylether
 Concen: 4.78 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.24 min
 Lab File: BF093036.D
 Acq: 20 Feb 2017 18:53

Tgt Ion:248 Resp: 26891
 Ion Ratio Lower Upper
 248 100
 250 201.0 76.9 115.3#
 141 423.7 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: BF093036.D

Acq: 20 Feb 2017 18:53

Instrument :

BNA_F

ClientSampleId :

24B-7-9

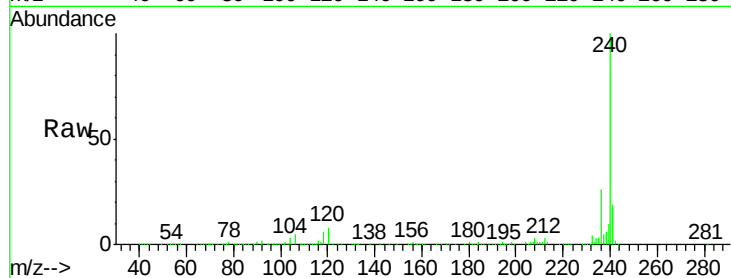
Tgt Ion:240 Resp: 507204

Ion Ratio Lower Upper

240 100

120 7.6 12.9 19.3#

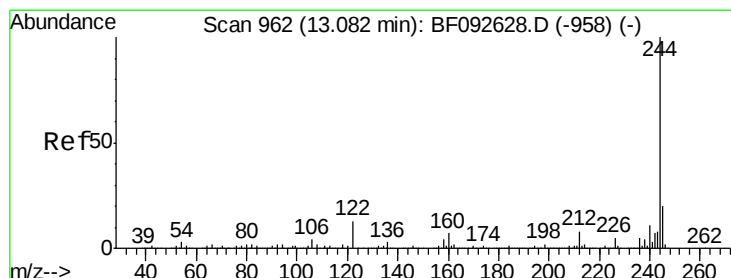
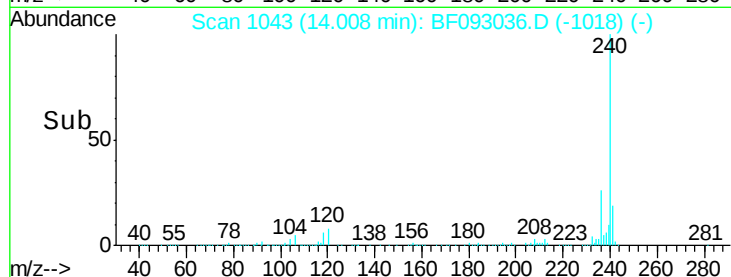
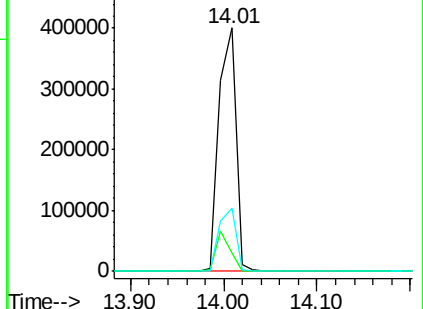
236 25.9 20.9 31.3



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: 66.36 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093036.D

Acq: 20 Feb 2017 18:53

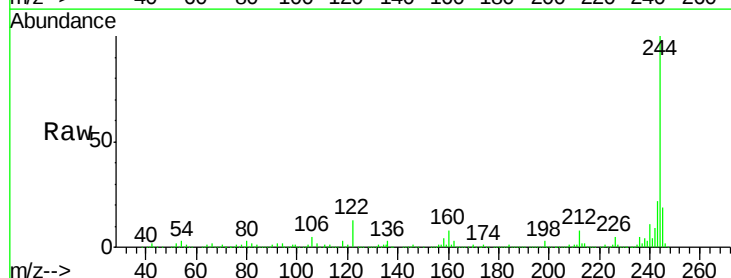
Tgt Ion:244 Resp: 1432527

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

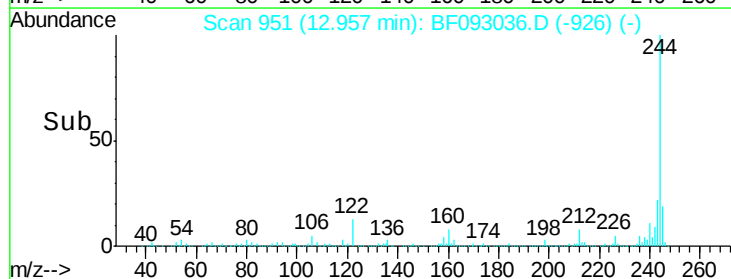
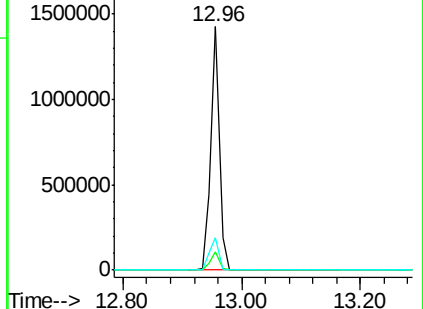
122 13.1 11.4 17.2

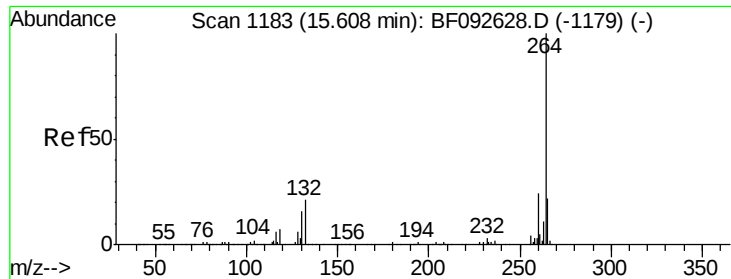


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

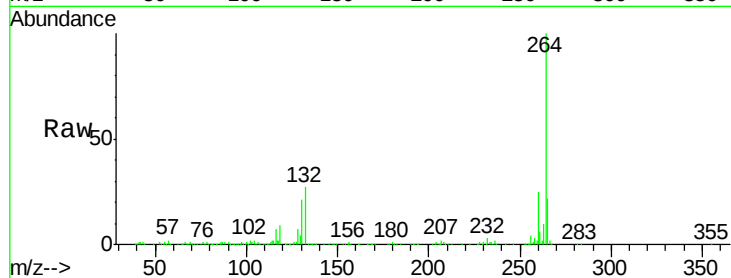




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093036.D
Acq: 20 Feb 2017 18:53

Instrument :
BNA_F
ClientSampleId :
24B-7-9

Tgt Ion: 264 Resp: 408399
Ion Ratio Lower Upper
264 100
260 25.4 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

