

Data File : BF093118.D
Acq On : 23 Feb 2017 21:41
Operator : SJ/MA
Sample : I1954-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(0-5)

Quant Time: Feb 23 23:50:52 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	157399	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	636508	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	298926	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	549226	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	470801	20.00	ng	-0.02
86) Perylene-d12	15.41	264	323399	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	942664	102.75	ng	-0.01
7) Phenol-d6	6.48	99	1083591	91.79	ng	-0.01
23) Nitrobenzene-d5	7.41	82	729886	63.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	245139	113.38	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1309034	79.34	ng	-0.01
78) Terphenyl-d14	12.94	244	1102402	55.02	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	32261	2.34	ng	78
19) n-Nitroso-di-n-propylamine	7.41	70	93170	12.40	ng	# 76
49) Dimethylphthalate	9.60	163	238647	11.85	ng	99
56) 2,4-Dinitrotoluene	9.88	165	36957	6.38	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.66	198	664	2.86	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	16505	2.88	ng	# 1

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

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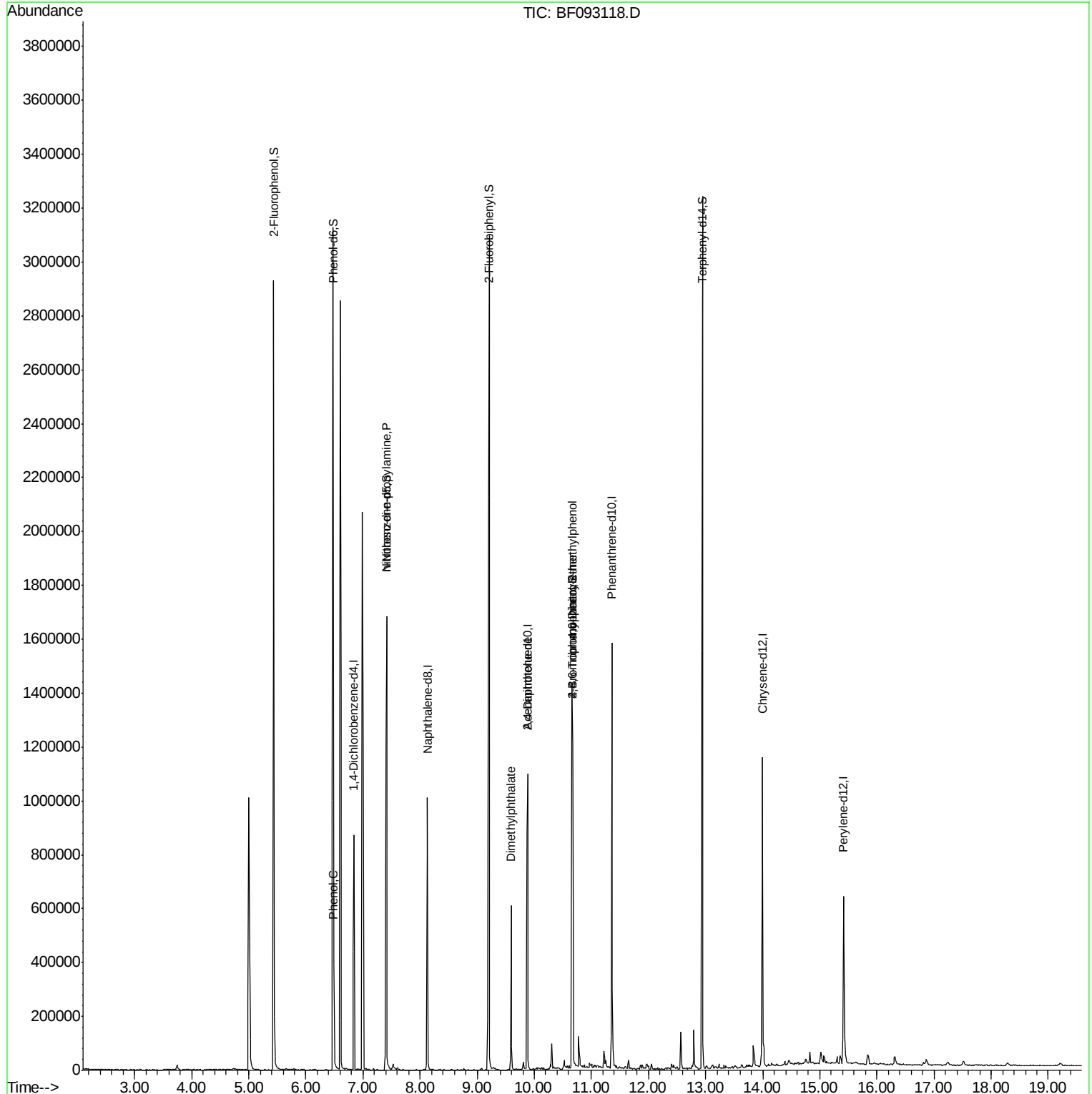
Quant Time: Feb 23 23:50:52 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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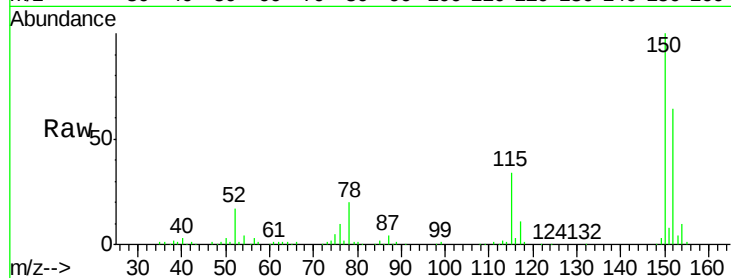


#1

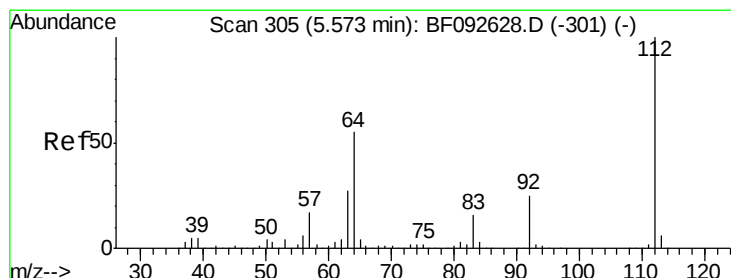
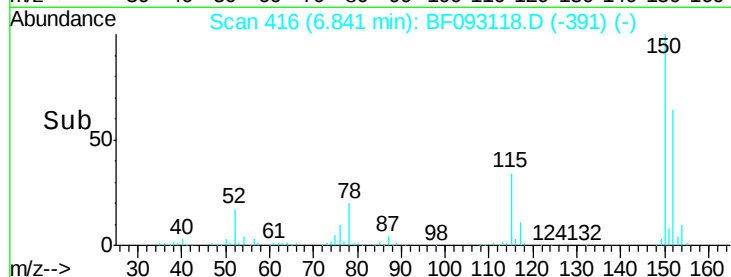
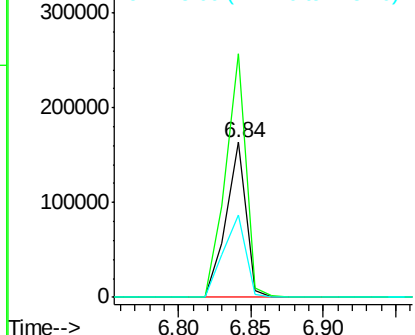
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF093118.D
 Acq: 23 Feb 2017 21:41

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-06(0-5)

Tgt Ion:152 Resp: 157399
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.9 187.3
 115 53.0 46.0 69.0



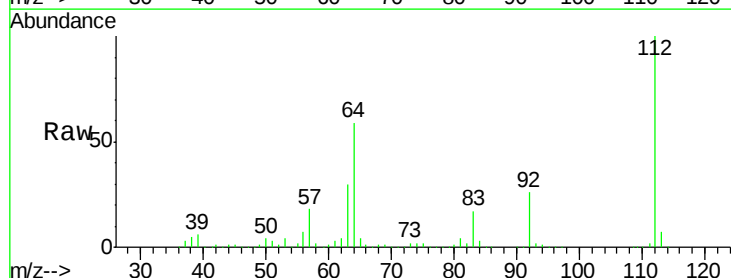
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



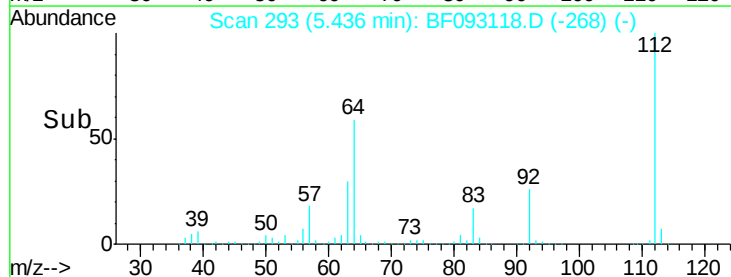
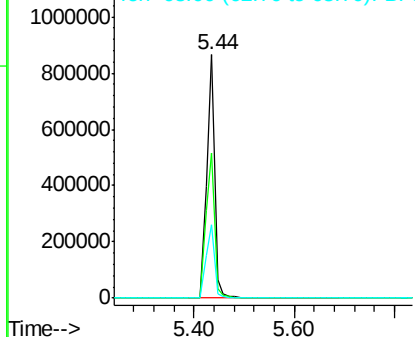
#5

2-Fluorophenol
 Concen: 102.75 ng
 RT: 5.44 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: BF093118.D
 Acq: 23 Feb 2017 21:41

Tgt Ion:112 Resp: 942664
 Ion Ratio Lower Upper
 112 100
 64 59.4 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: 91.79 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093118.D

Acq: 23 Feb 2017 21:41

Instrument :

BNA_F

ClientSampleId :

CLP-S-06(0-5)

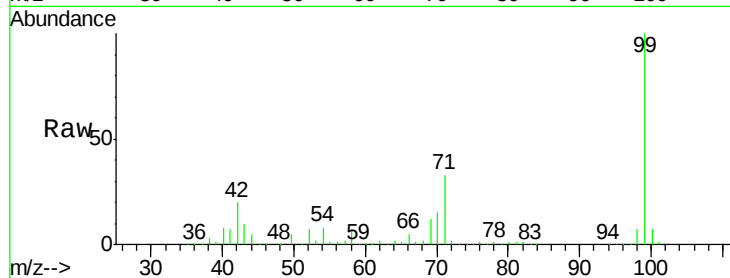
Tgt Ion: 99 Resp: 1083591

Ion Ratio Lower Upper

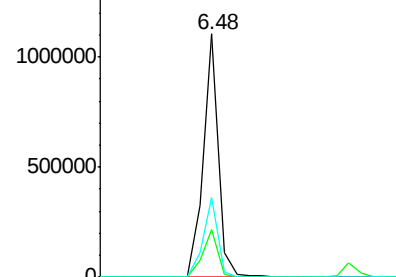
99 100

42 19.7 15.6 23.4

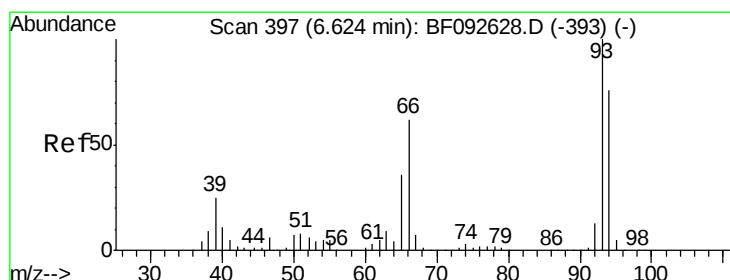
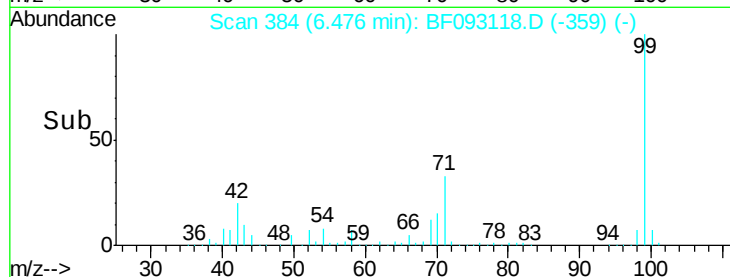
71 32.7 27.5 41.3



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



Time-->



#10

Phenol

Concen: 2.34 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093118.D

Acq: 23 Feb 2017 21:41

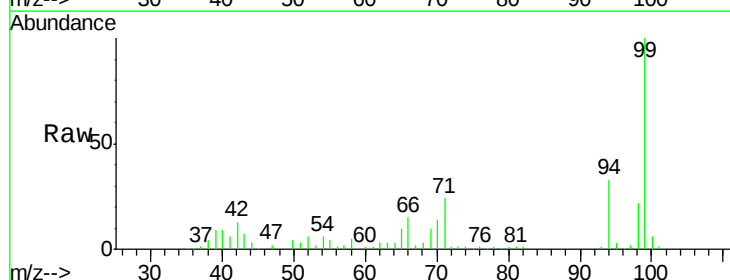
Tgt Ion: 94 Resp: 32261

Ion Ratio Lower Upper

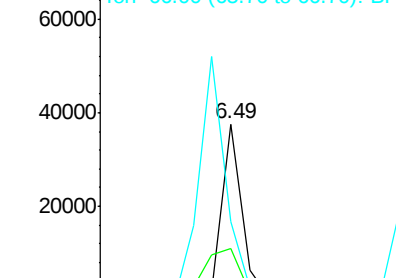
94 100

65 29.2 21.4 61.4

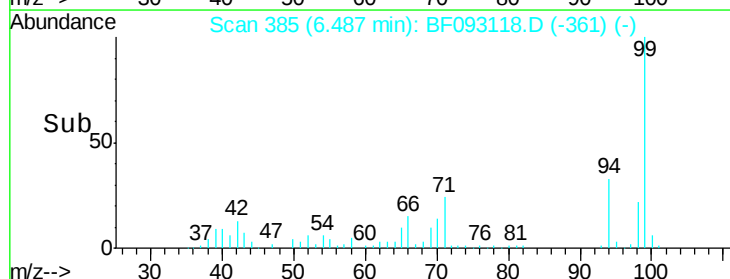
66 44.9 44.0 84.0

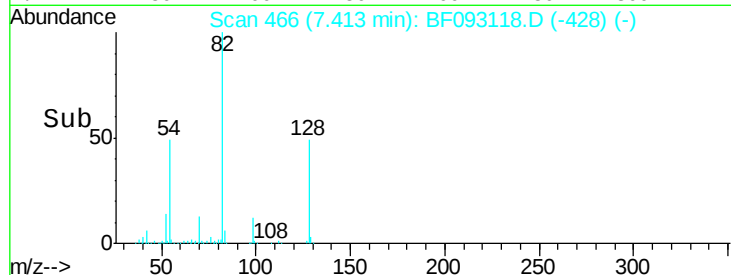
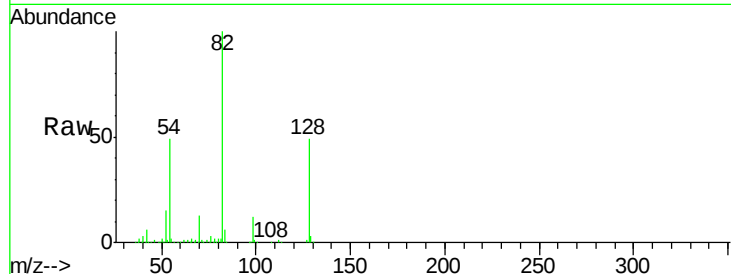


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



Time-->

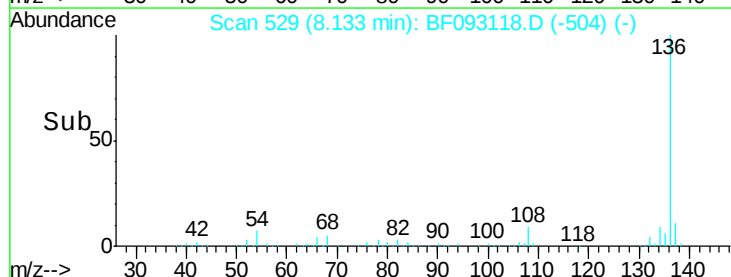
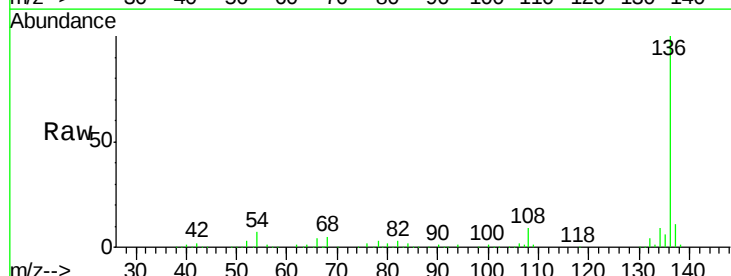
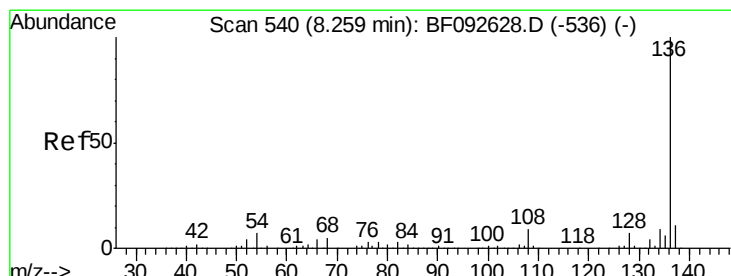
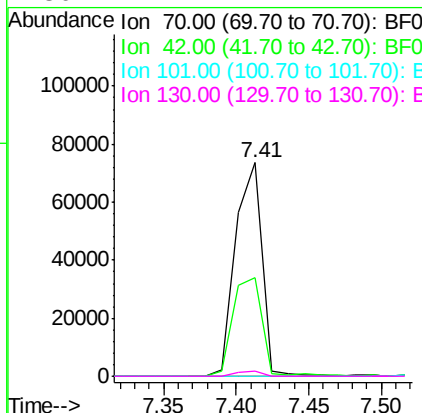




#19
n-Nitroso-di-n-propylamine
Concen: 12.40 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF093118.D
Acq: 23 Feb 2017 21:41

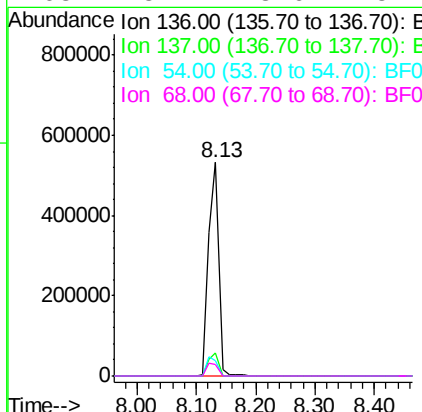
Instrument :
BNA_F
ClientSampleId :
CLP-S-06(0-5)

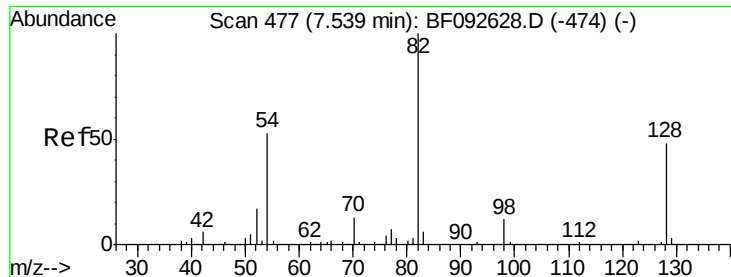
Tgt Ion:	70	Resp:	93170
Ion	Ratio	Lower	Upper
70	100		
42	45.9	49.4	74.0#
101	0.0	7.4	11.2#
130	2.7	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093118.D
Acq: 23 Feb 2017 21:41

Tgt Ion:	136	Resp:	636508
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.1	4.5	6.7#
68	5.2	3.6	5.4

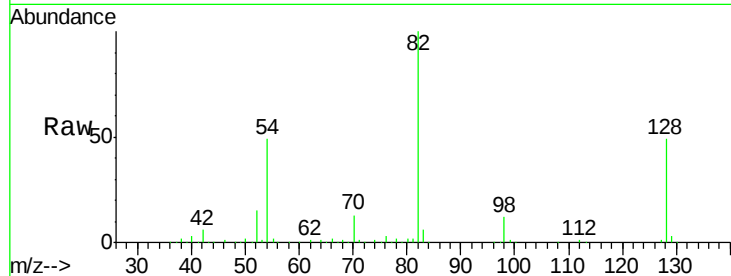




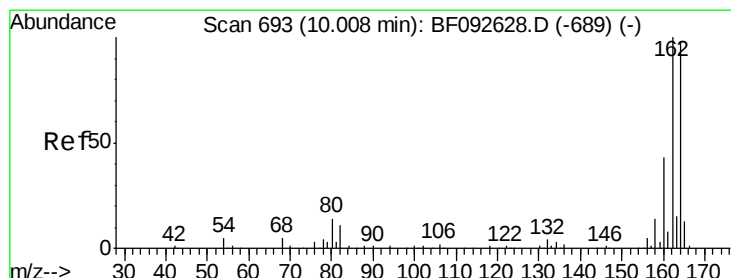
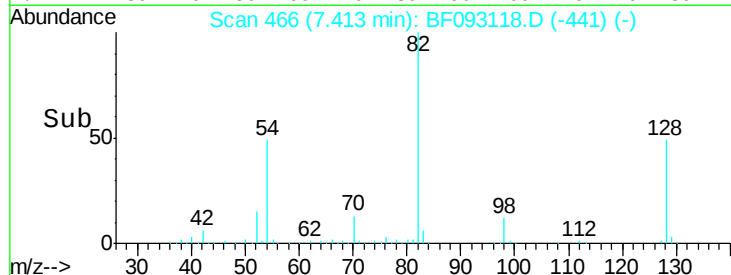
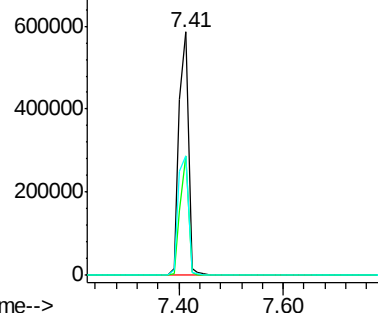
#23
 Nitrobenzene-d5
 Concen: 63.86 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093118.D
 Acq: 23 Feb 2017 21:41

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-06(0-5)

Tgt Ion: 82 Resp: 729886
 Ion Ratio Lower Upper
 82 100
 128 49.3 34.6 52.0
 54 49.3 39.5 59.3

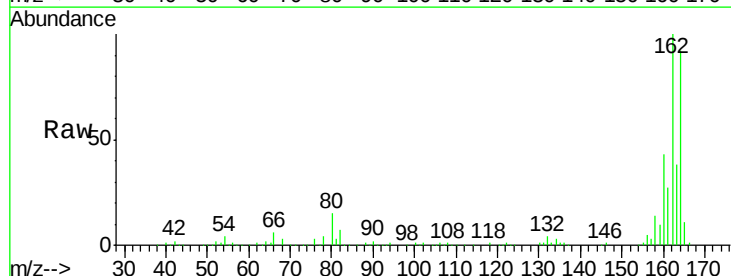


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

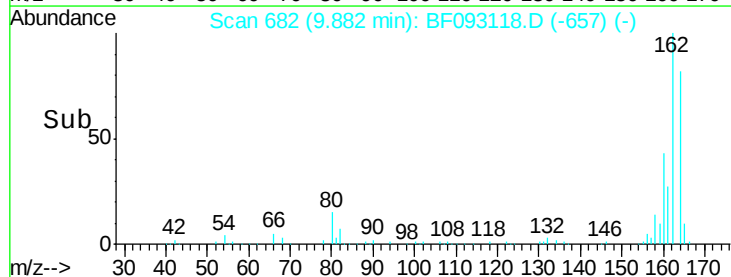
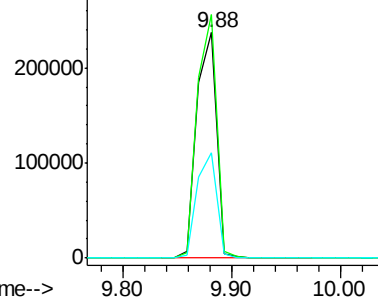


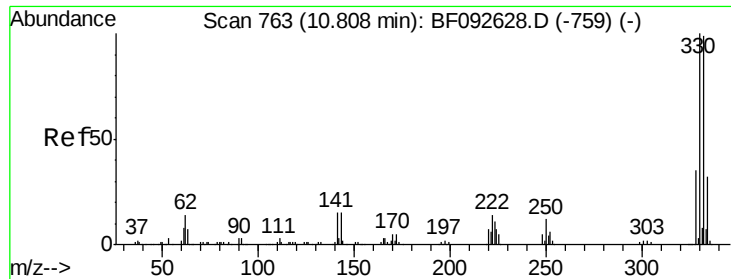
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093118.D
 Acq: 23 Feb 2017 21:41

Tgt Ion: 164 Resp: 298926
 Ion Ratio Lower Upper
 164 100
 162 108.2 80.2 120.2
 160 46.8 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

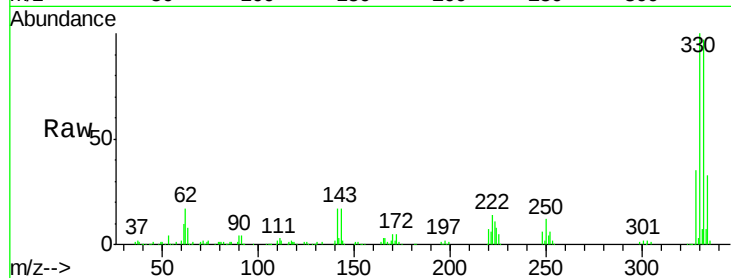




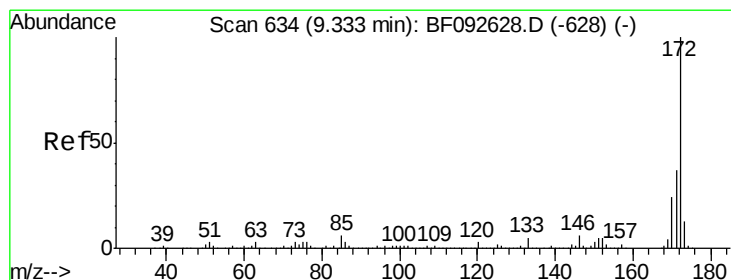
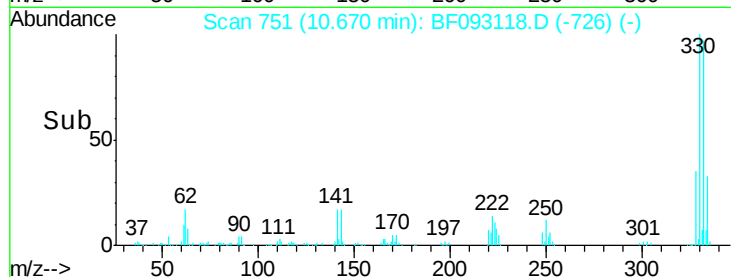
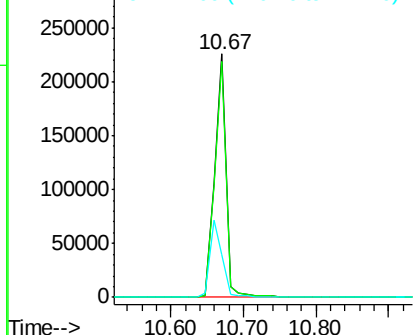
#41
 2,4,6-Tribromophenol
 Concen: 113.38 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093118.D
 Acq: 23 Feb 2017 21:41

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-06(0-5)

Tgt Ion:330 Resp: 245139
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 34.0 34.1 51.1#

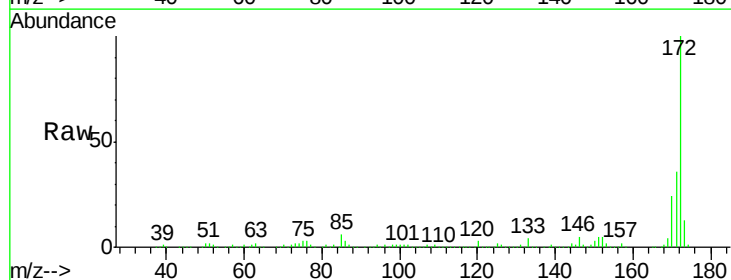


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

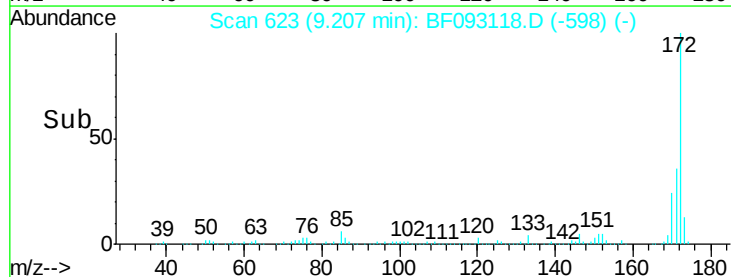
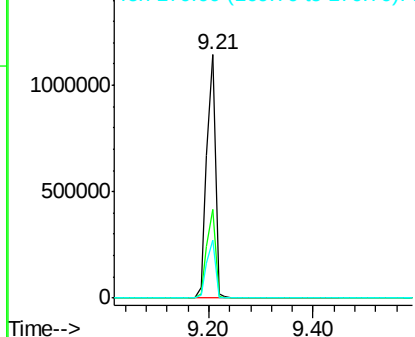


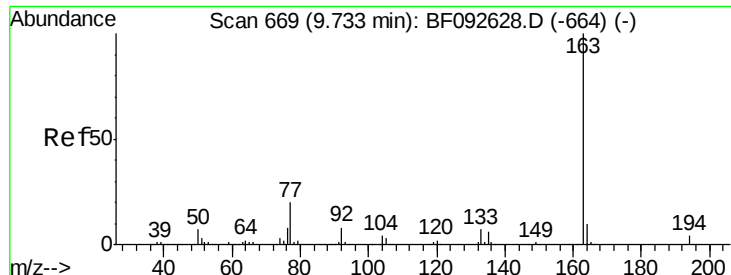
#44
 2-Fluorobiphenyl
 Concen: 79.34 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093118.D
 Acq: 23 Feb 2017 21:41

Tgt Ion:172 Resp: 1309034
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.1 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

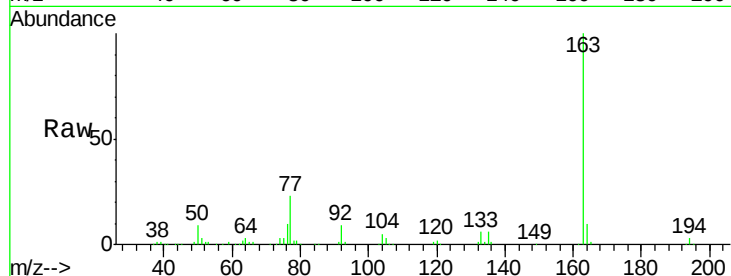




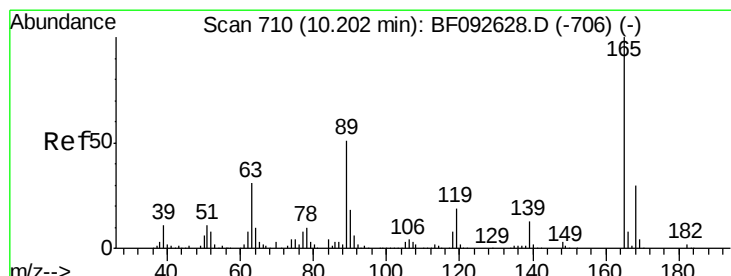
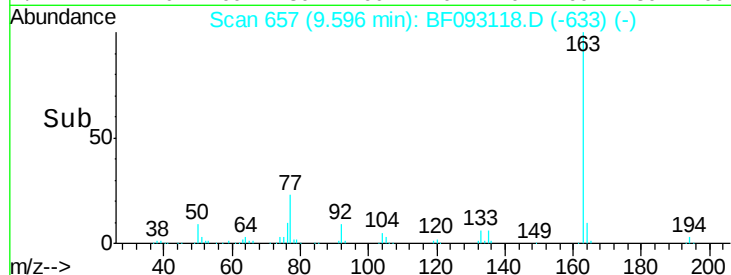
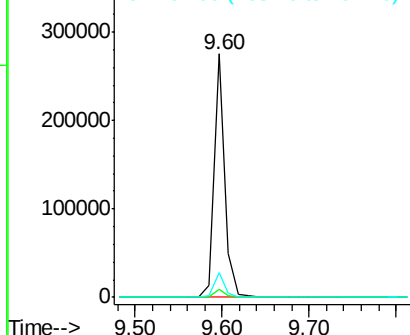
#49
Dimethylphthalate
Concen: 11.85 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093118.D
Acq: 23 Feb 2017 21:41

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(0-5)

Tgt Ion:163 Resp: 238647
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.2 8.0 12.0

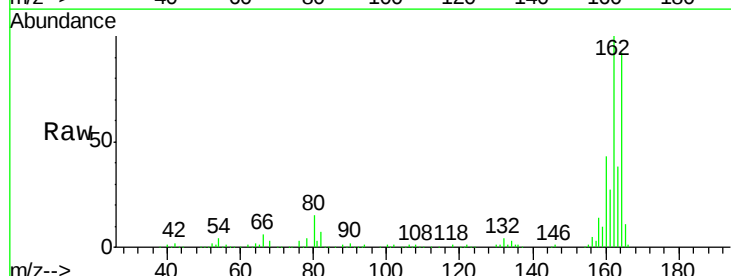


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

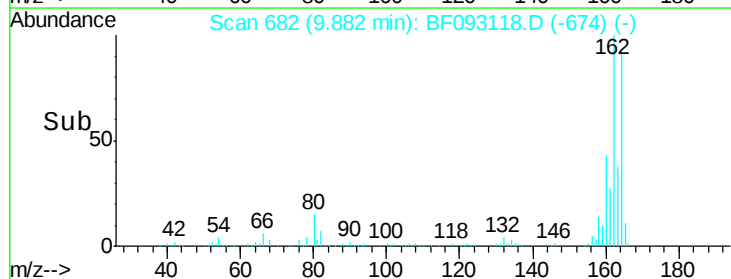
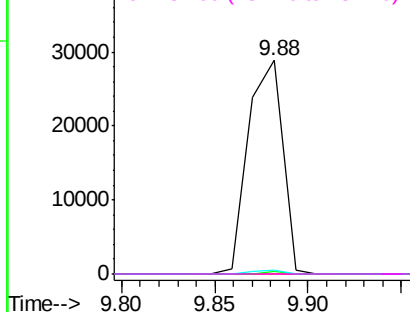


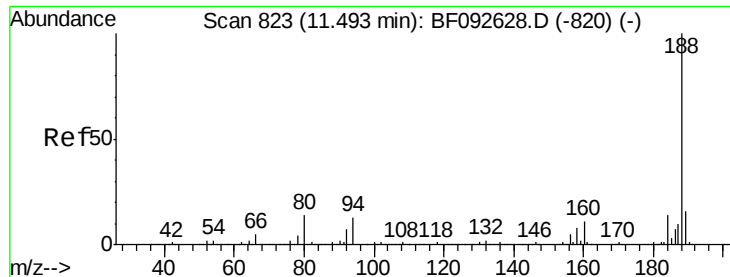
#56
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.21 min
Lab File: BF093118.D
Acq: 23 Feb 2017 21:41

Tgt Ion:165 Resp: 36957
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

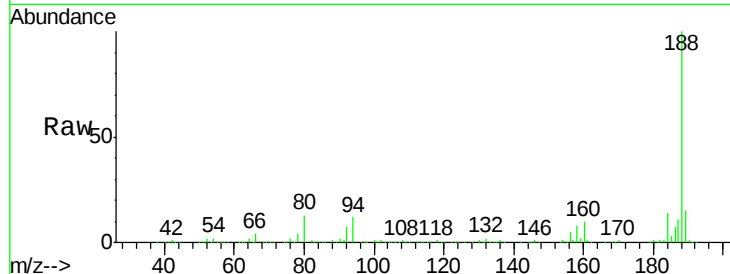




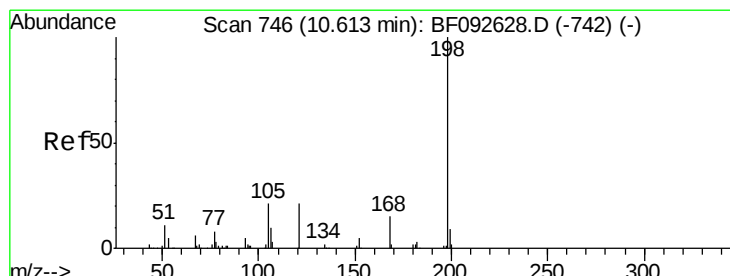
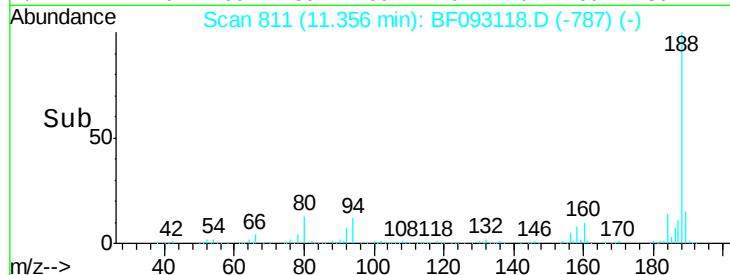
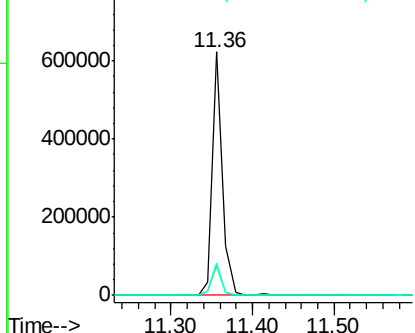
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093118.D
Acq: 23 Feb 2017 21:41

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(0-5)

Tgt Ion:188 Resp: 549226
Ion Ratio Lower Upper
188 100
94 12.3 10.0 15.0
80 13.1 11.2 16.8

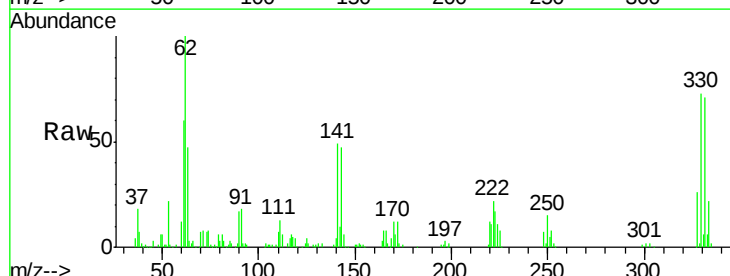


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

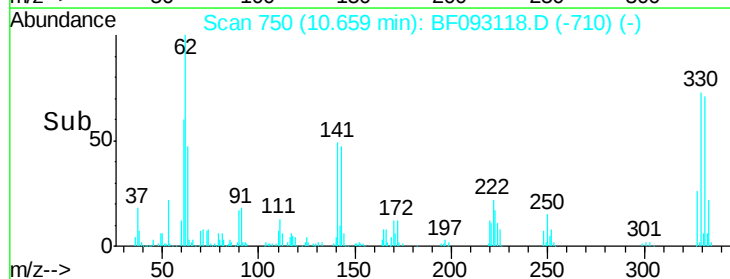
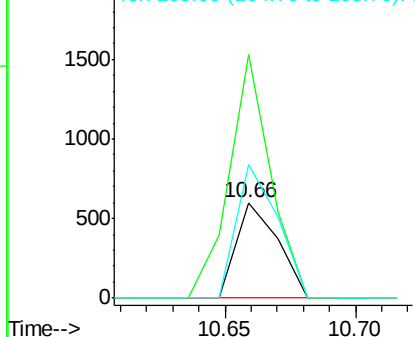


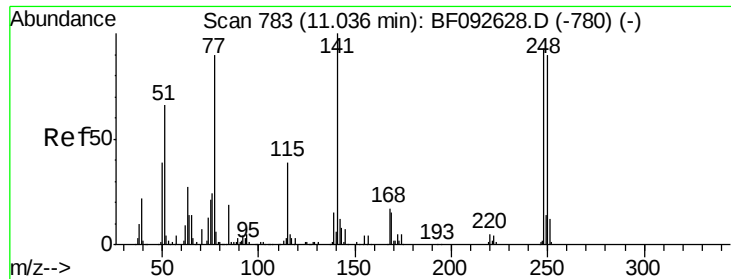
#64
4,6-Dinitro-2-methylphenol
Concen: 2.86 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.16 min
Lab File: BF093118.D
Acq: 23 Feb 2017 21:41

Tgt Ion:198 Resp: 664
Ion Ratio Lower Upper
198 100
51 255.4 6.7 46.7#
105 139.7 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

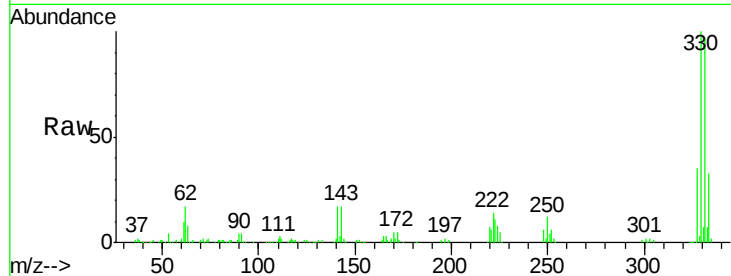




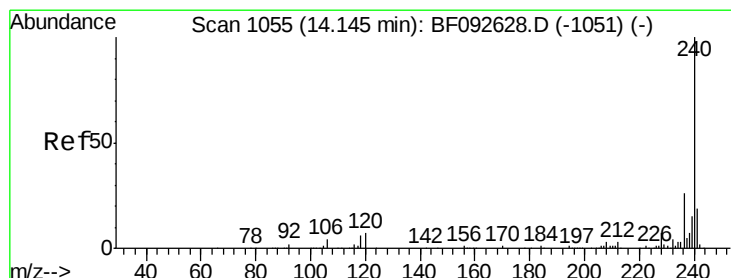
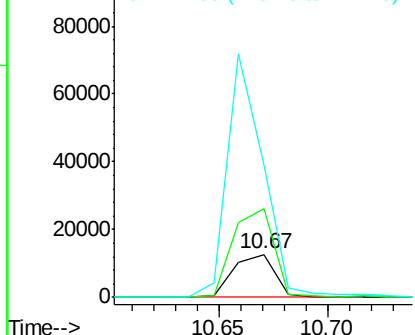
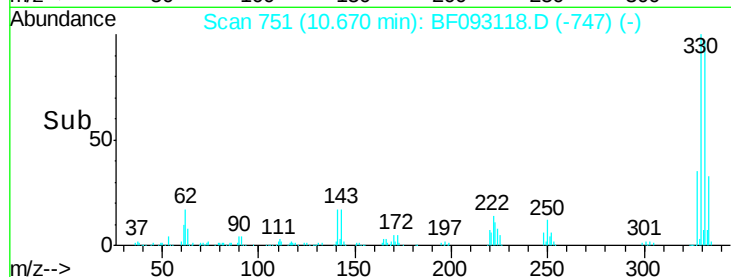
#66
 4-Bromophenyl-phenylether
 Concen: 2.88 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF093118.D
 Acq: 23 Feb 2017 21:41

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-06(0-5)

Tgt Ion:248 Resp: 16505
 Ion Ratio Lower Upper
 248 100
 250 205.7 76.9 115.3#
 141 309.1 68.2 102.4#

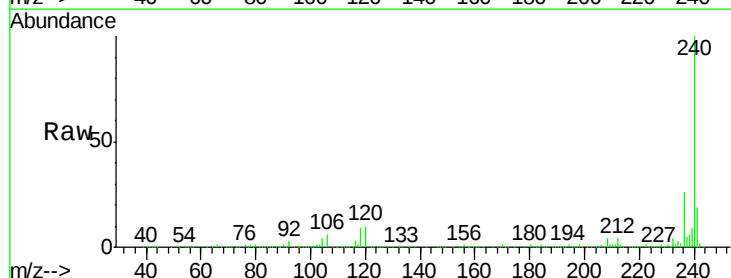


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

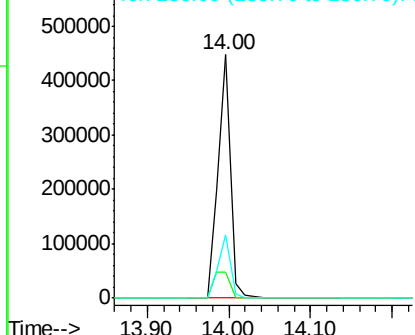
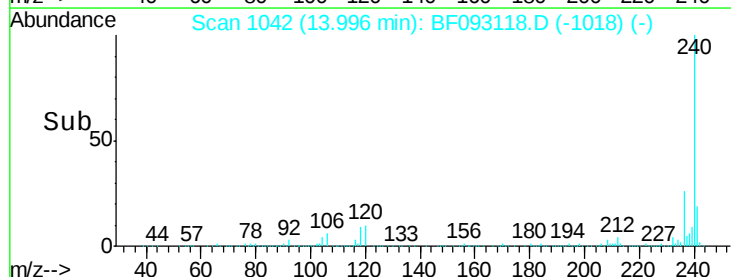


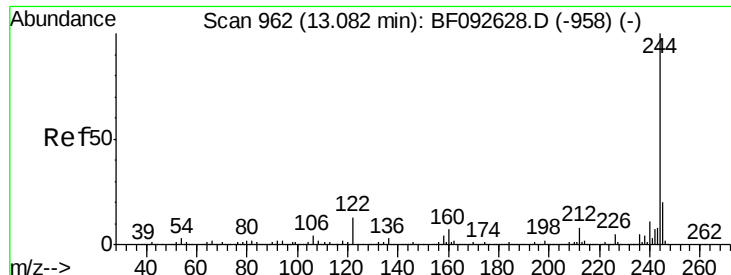
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF093118.D
 Acq: 23 Feb 2017 21:41

Tgt Ion:240 Resp: 470801
 Ion Ratio Lower Upper
 240 100
 120 10.5 12.9 19.3#
 236 26.2 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

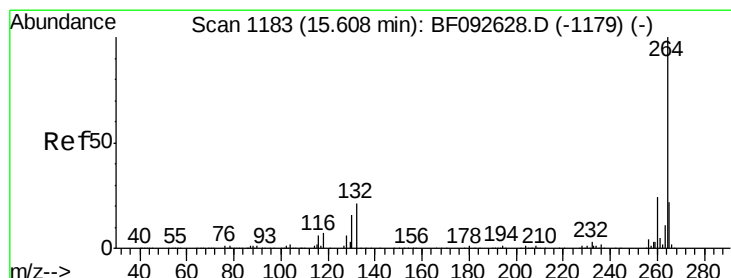
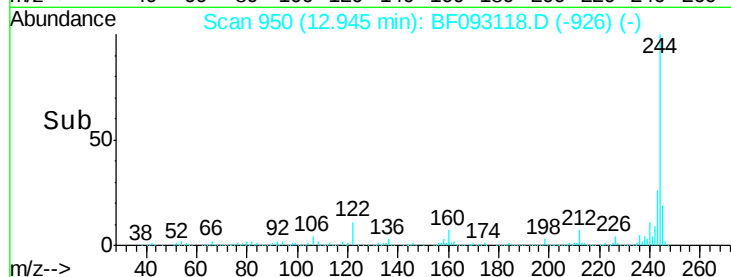
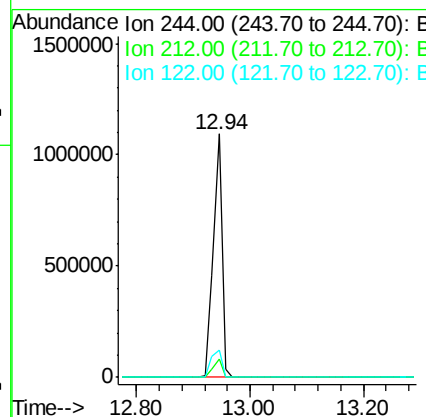
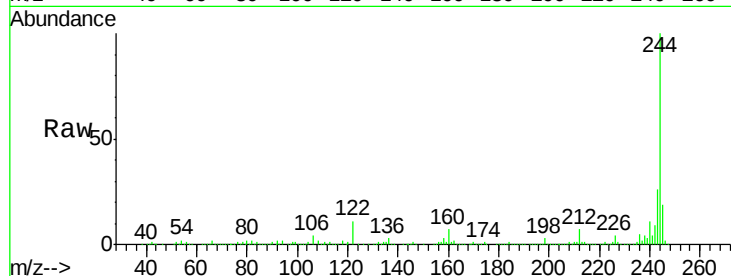




#78
 Terphenyl-d14
 Concen: 55.02 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093118.D
 Acq: 23 Feb 2017 21:41

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-06(0-5)

Tgt Ion:244 Resp: 1102402
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 11.1 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF093118.D
 Acq: 23 Feb 2017 21:41

Tgt Ion:264 Resp: 323399
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.4 17.4 26.0

