

Data File : BF093107.D
Acq On : 23 Feb 2017 16:33
Operator : SJ/MA
Sample : PB97124BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97124BL

Quant Time: Feb 23 23:47:03 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	158379	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	651526	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	317546	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	575818	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	541020	20.00	ng	-0.02
86) Perylene-d12	15.43	264	436638	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1057803	114.59	ng	-0.01
7) Phenol-d6	6.48	99	1276592	107.48	ng	-0.01
23) Nitrobenzene-d5	7.41	82	920138	78.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	290156	126.34	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1444548	82.41	ng	-0.01
78) Terphenyl-d14	12.94	244	1300766	56.49	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	121353	16.05	ng	# 77
50) 2,6-Dinitrotoluene	9.88	165	39534	8.56	ng	# 31
56) 2,4-Dinitrotoluene	9.88	165	39534	6.43	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.67	198	719	2.86	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	22656	3.77	ng	# 1

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

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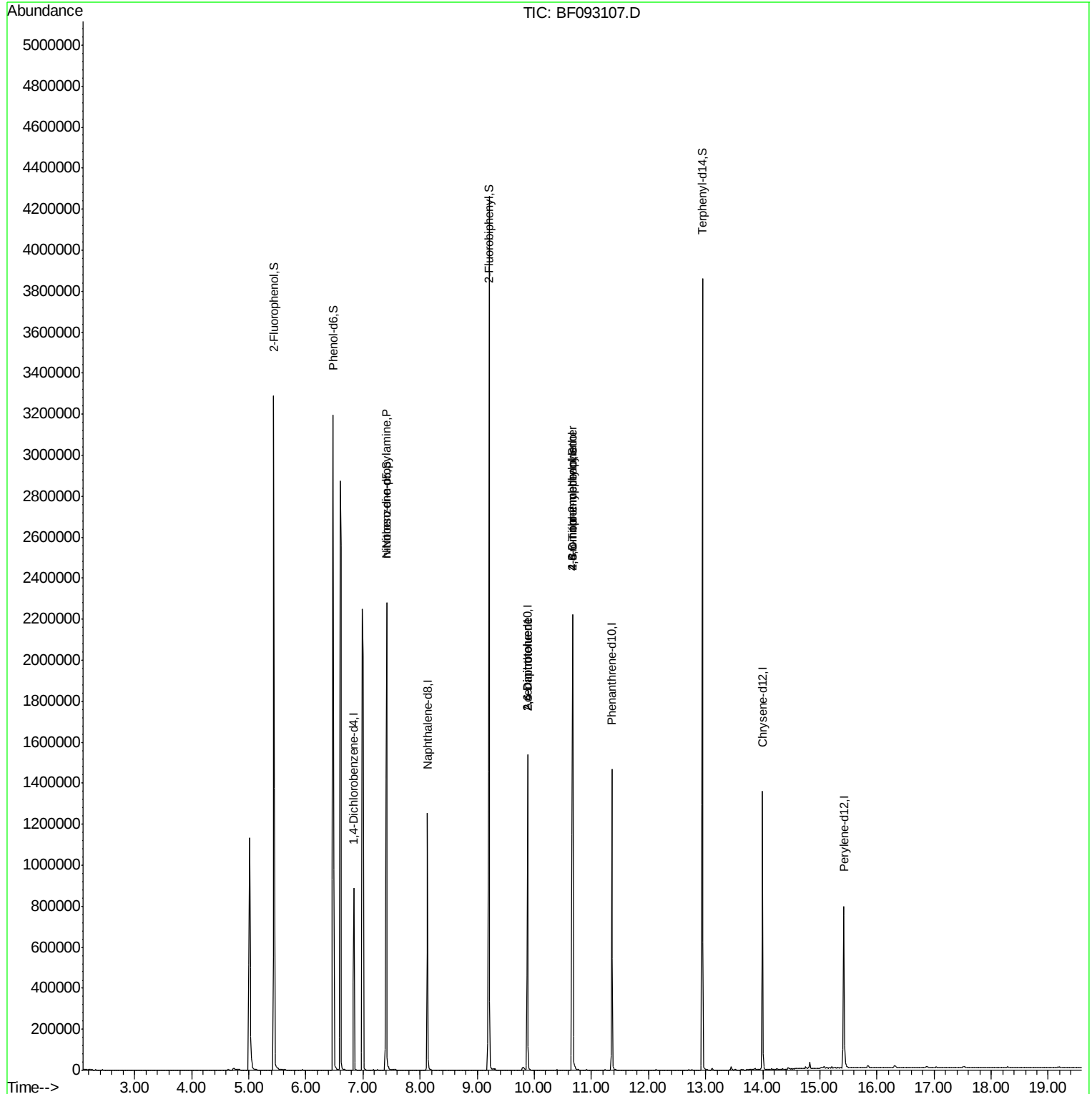
Quant Time: Feb 23 23:47:03 2017

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

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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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BNA_F

ClientSampleId :

PB97124BL

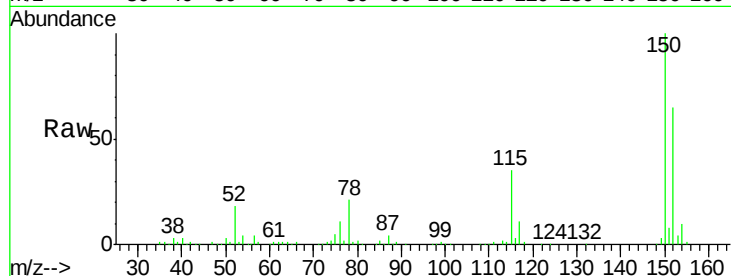
Tgt Ion:152 Resp: 158379

Ion Ratio Lower Upper

152 100

150 154.7 124.9 187.3

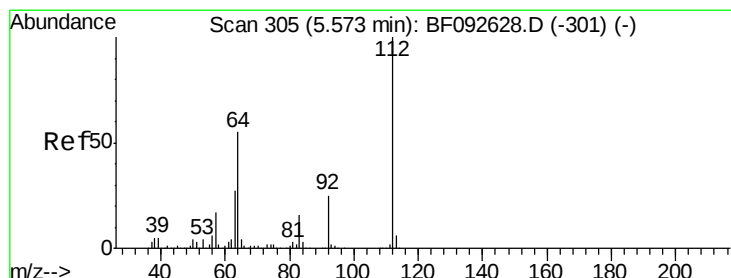
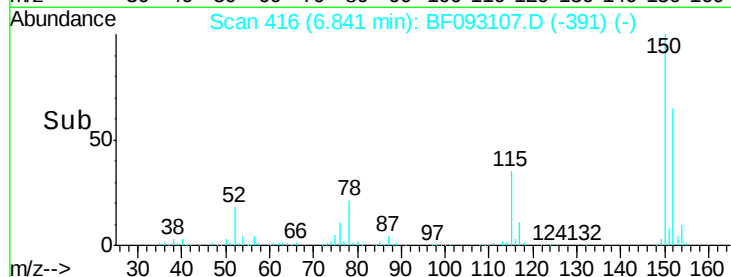
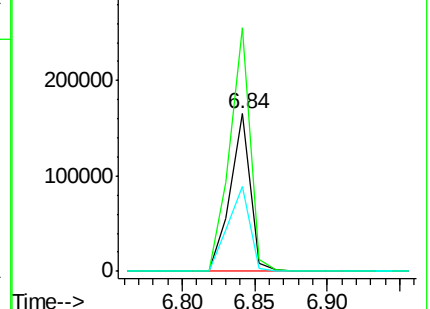
115 53.8 46.0 69.0



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: 114.59 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093107.D

Acq: 23 Feb 2017 16:33

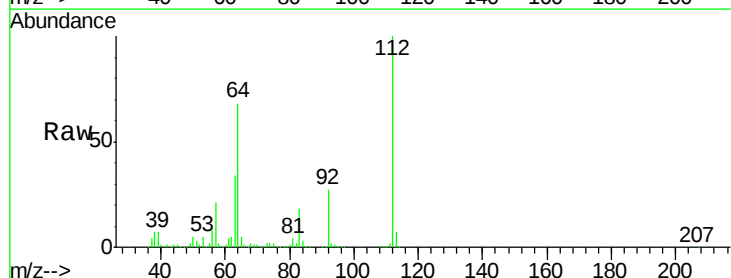
Tgt Ion:112 Resp: 1057803

Ion Ratio Lower Upper

112 100

64 67.9 46.1 69.1

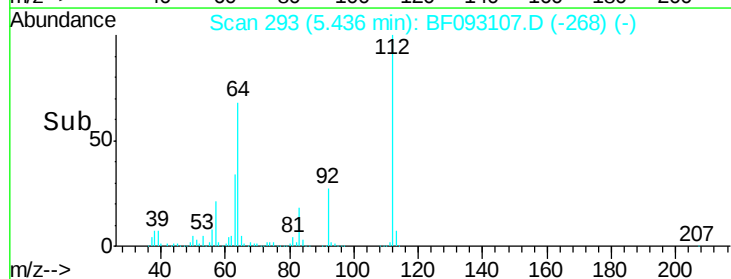
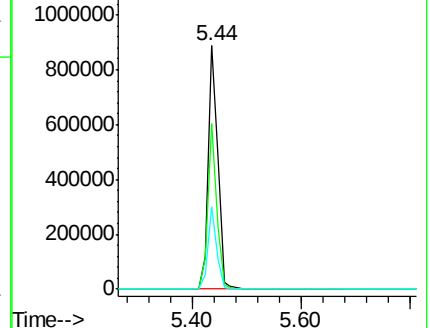
63 34.0 23.8 35.6

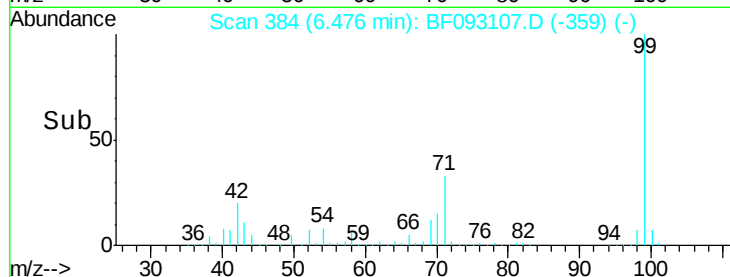
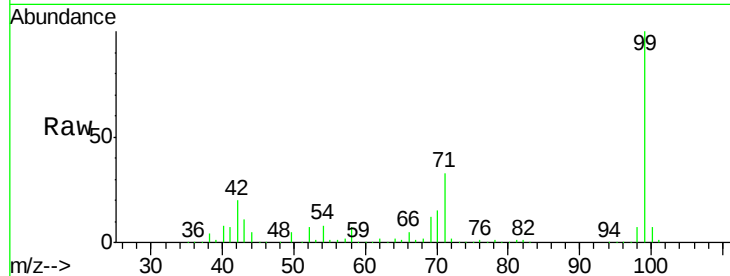


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.48 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093107.D

Acq: 23 Feb 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB97124BL

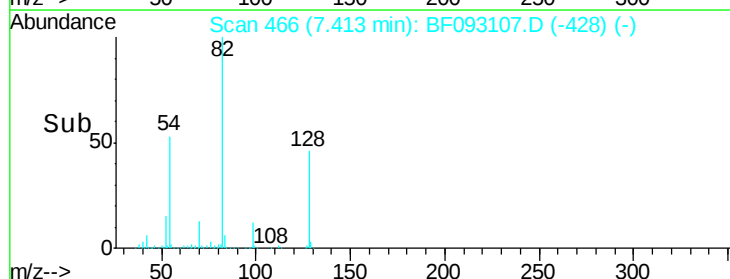
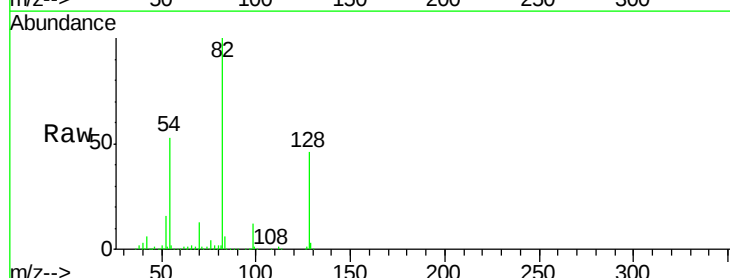
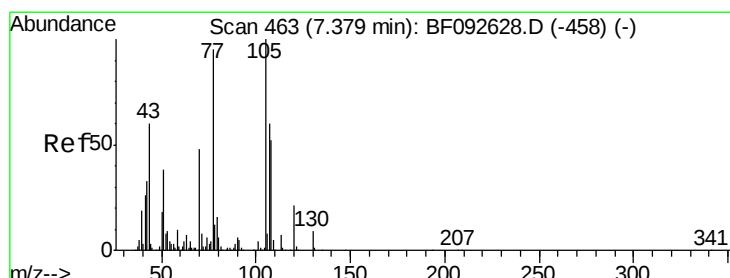
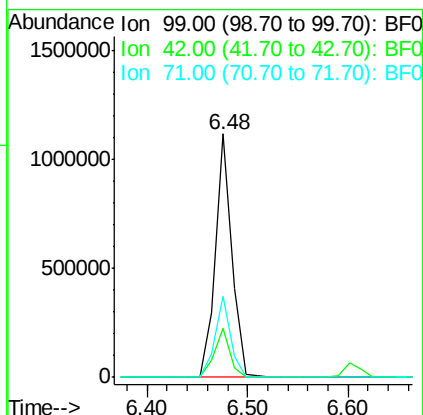
Tgt Ion: 99 Resp: 1276592

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

71 33.2 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.05 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF093107.D

Acq: 23 Feb 2017 16:33

Tgt Ion: 70 Resp: 121353

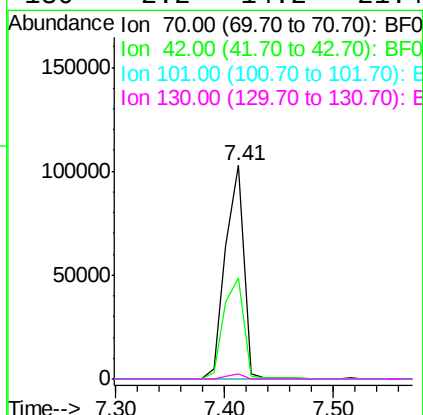
Ion Ratio Lower Upper

70 100

42 47.5 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

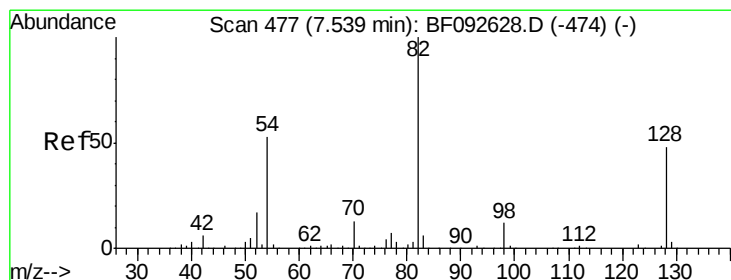
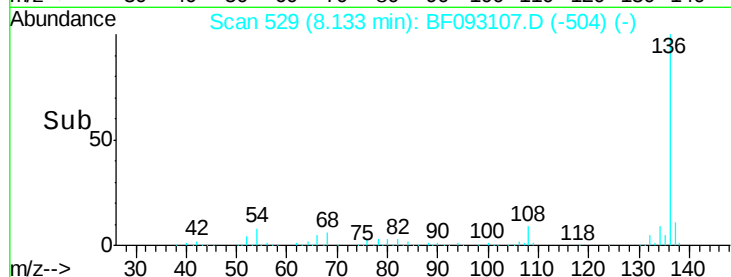
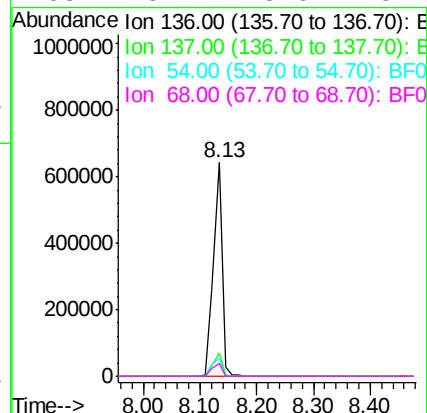
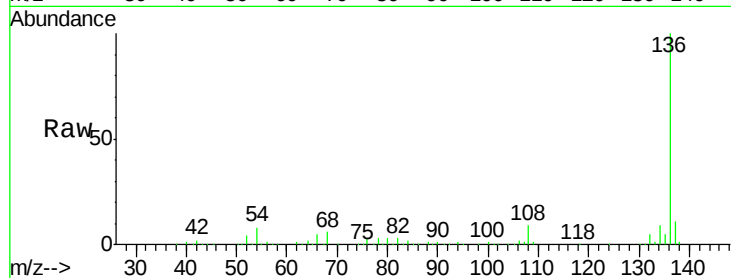




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093107.D
Acq: 23 Feb 2017 16:33

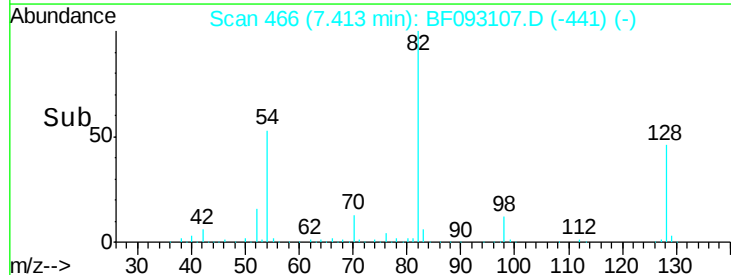
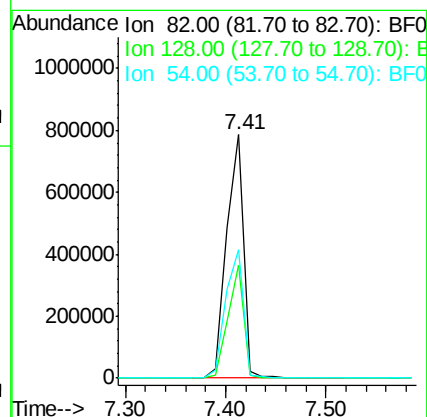
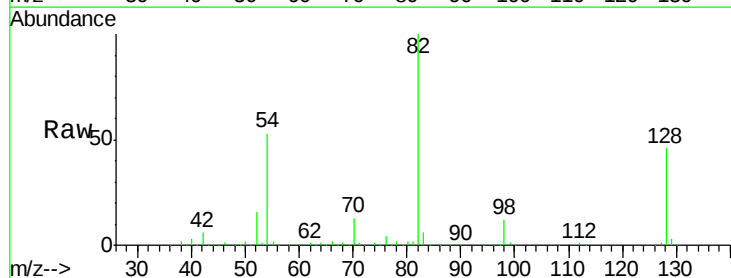
Instrument :
BNA_F
ClientSampleId :
PB97124BL

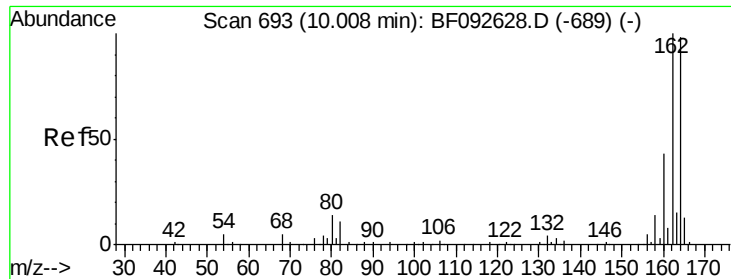
Tgt Ion:	136	Resp:	651526
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	8.5	4.5	6.7#
68	5.7	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 78.65 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093107.D
Acq: 23 Feb 2017 16:33

Tgt Ion:	82	Resp:	920138
Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.6	52.0
54	52.8	39.5	59.3

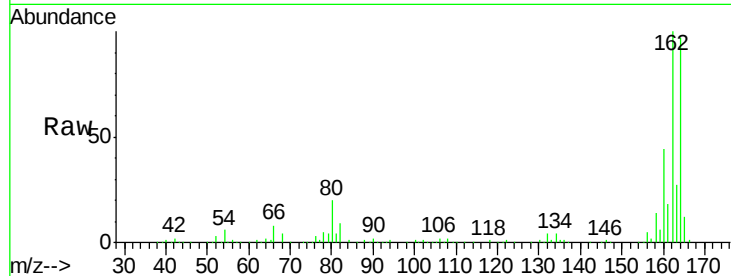




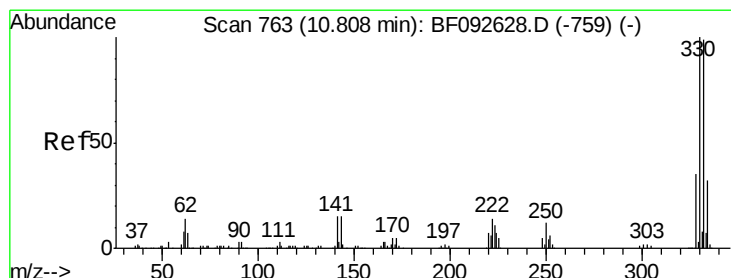
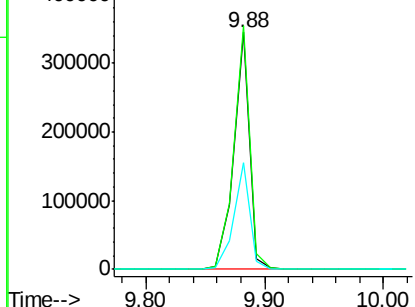
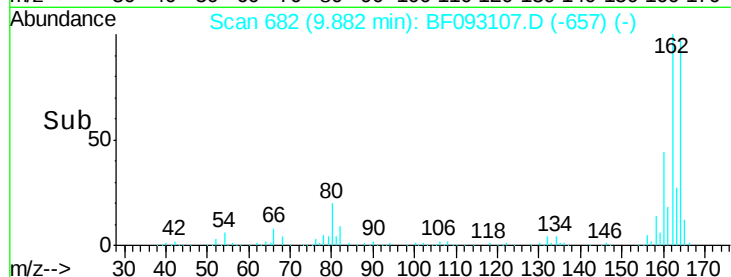
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093107.D
 Acq: 23 Feb 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BL

Tgt Ion:164 Resp: 317546
 Ion Ratio Lower Upper
 164 100
 162 102.8 80.2 120.2
 160 45.1 36.9 55.3

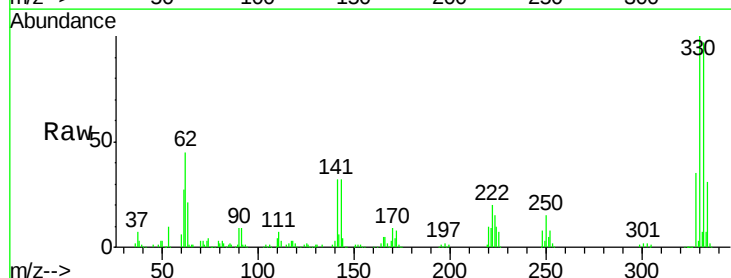


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

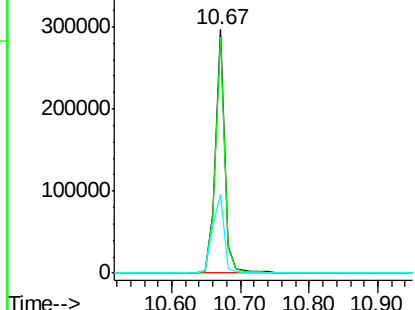
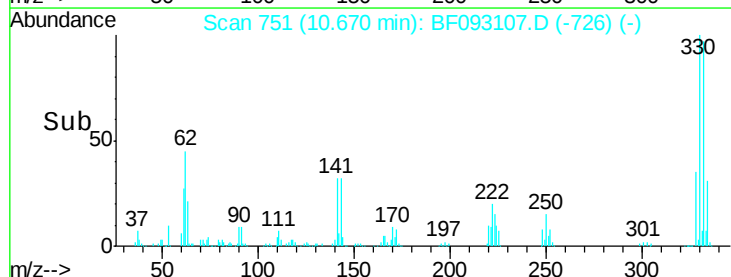


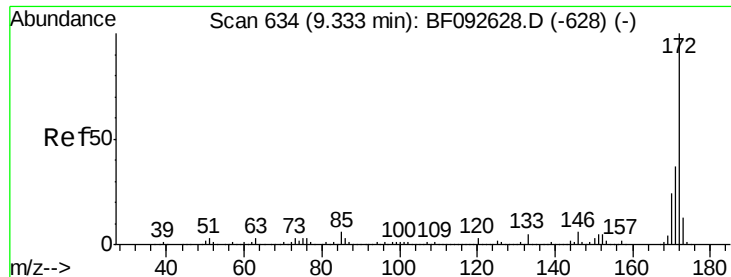
#41
 2,4,6-Tribromophenol
 Concen: 126.34 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093107.D
 Acq: 23 Feb 2017 16:33

Tgt Ion:330 Resp: 290156
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 39.7 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

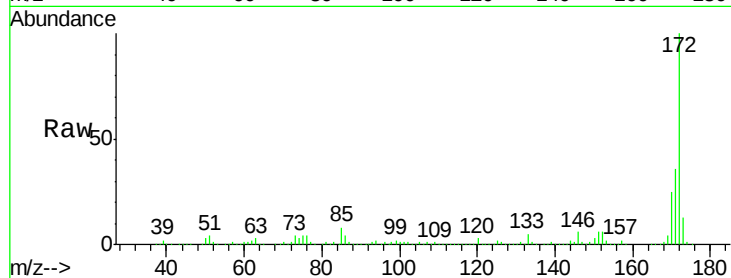




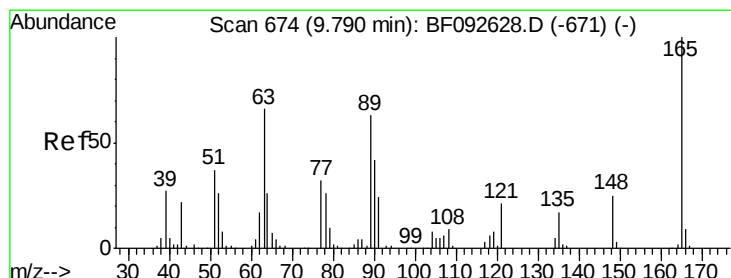
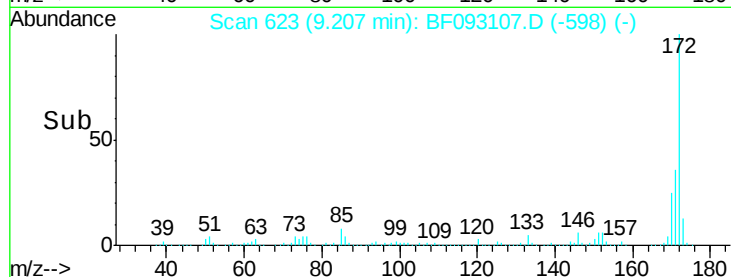
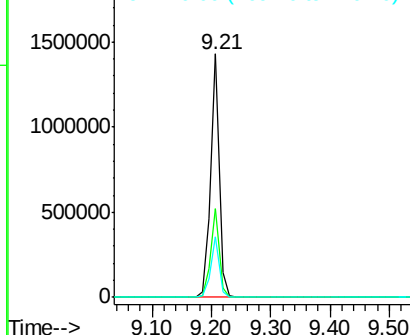
#44
 2-Fluorobiphenyl
 Concen: 82.41 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093107.D
 Acq: 23 Feb 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BL

Tgt Ion:172 Resp: 1444548
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.8 20.2 30.4

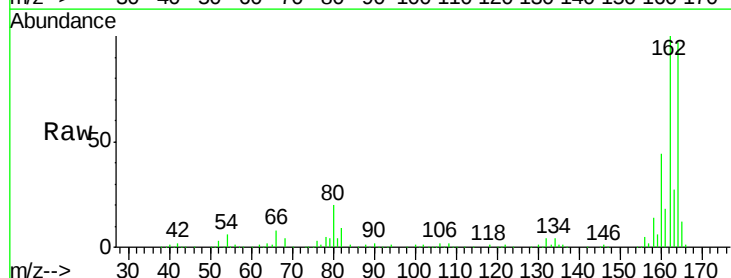


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

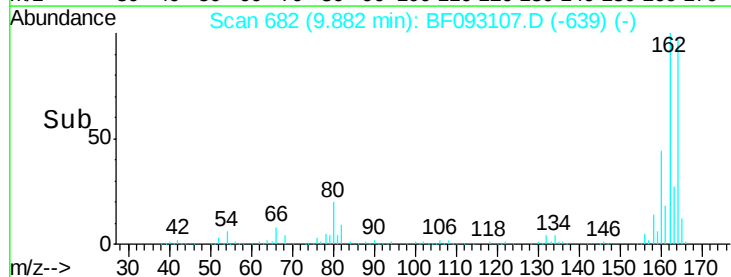
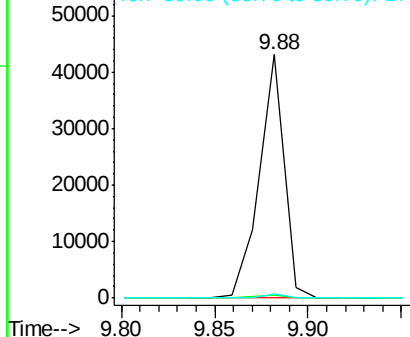


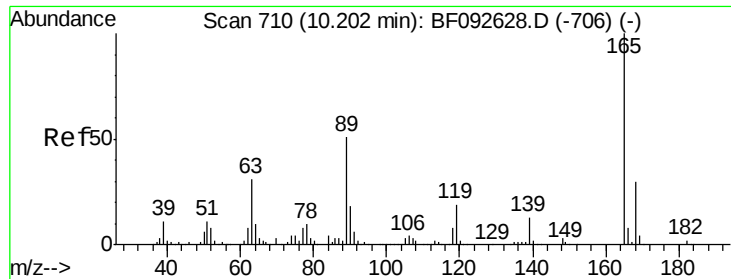
#50
 2,6-Dinitrotoluene
 Concen: 8.56 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.19 min
 Lab File: BF093107.D
 Acq: 23 Feb 2017 16:33

Tgt Ion:165 Resp: 39534
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.2 54.4#
 89 1.9 40.2 60.4#



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

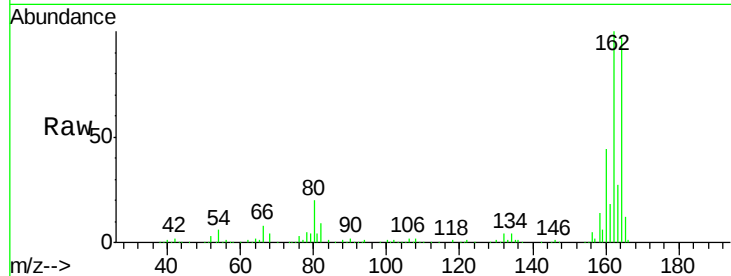




#56
 2,4-Dinitrotoluene
 Concen: 6.43 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.21 min
 Lab File: BF093107.D
 Acq: 23 Feb 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	1.9	62.5	93.7#
182	0.0	1.8	2.8#

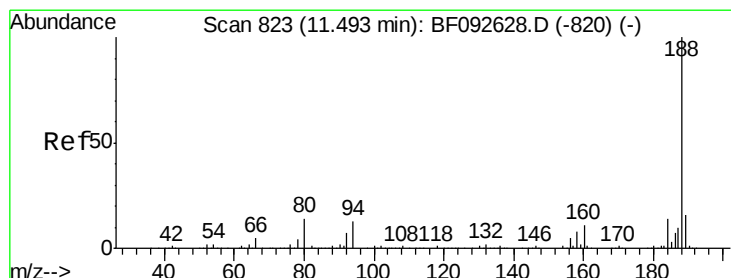
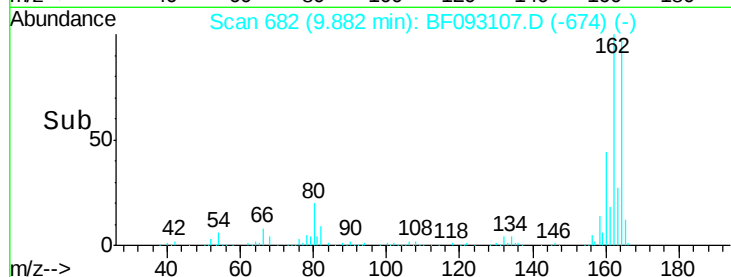
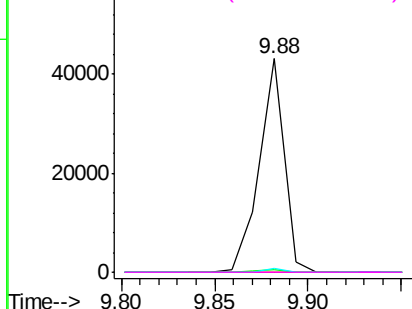


Abundance Ion 165.00 (164.70 to 165.70): E

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



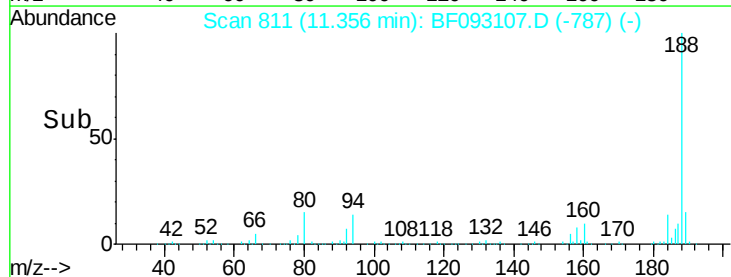
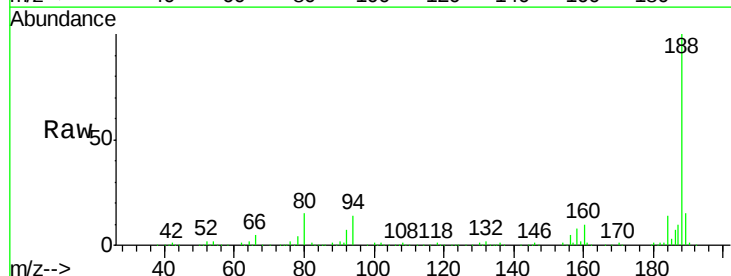
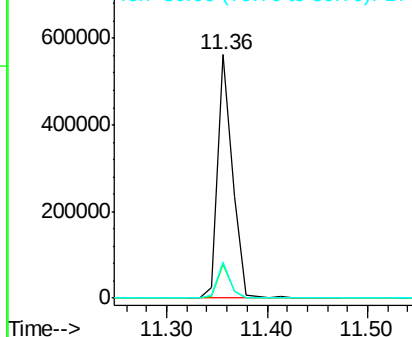
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF093107.D
 Acq: 23 Feb 2017 16:33

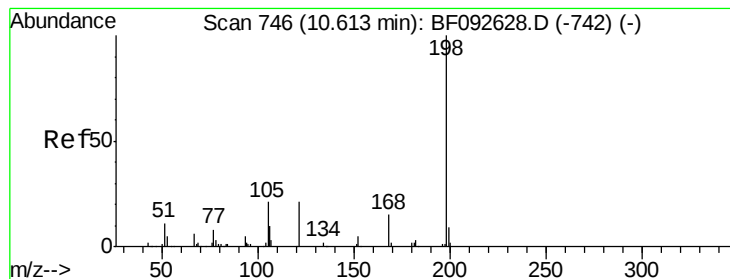
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.6	10.0	15.0
80	15.0	11.2	16.8

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: 2.86 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.17 min

Lab File: BF093107.D

Acq: 23 Feb 2017 16:33

Instrument :

BNA_F

ClientSampled :

PB97124BL

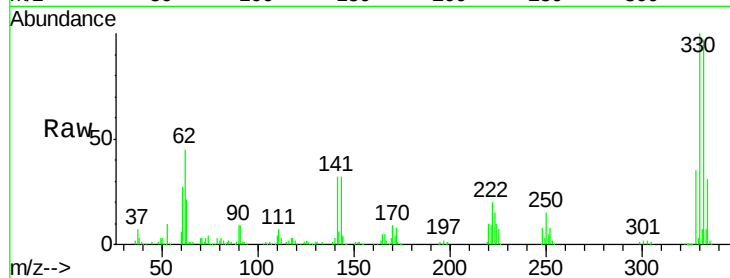
Tgt Ion:198 Resp: 719

Ion Ratio Lower Upper

198 100

51 167.3 6.7 46.7#

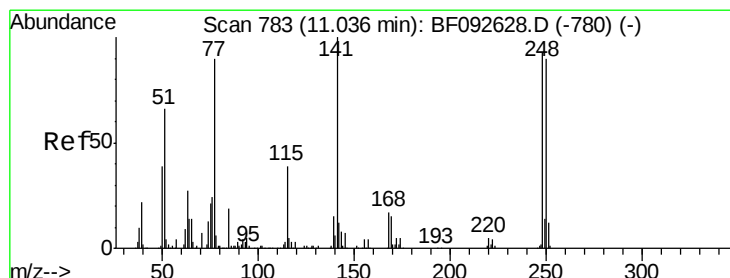
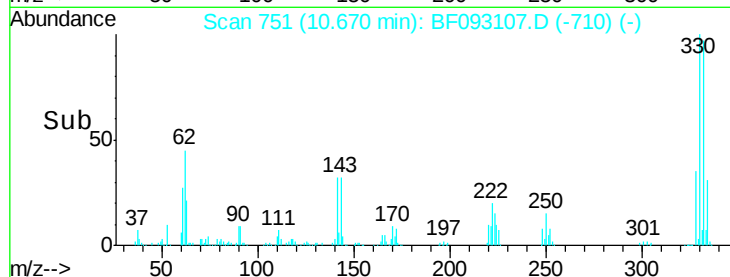
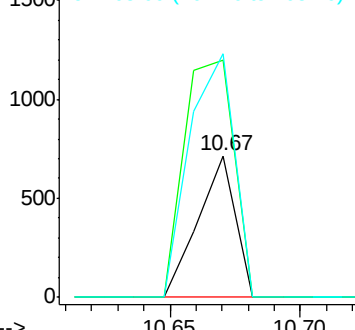
105 171.6 16.6 56.6#



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: 3.77 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF093107.D

Acq: 23 Feb 2017 16:33

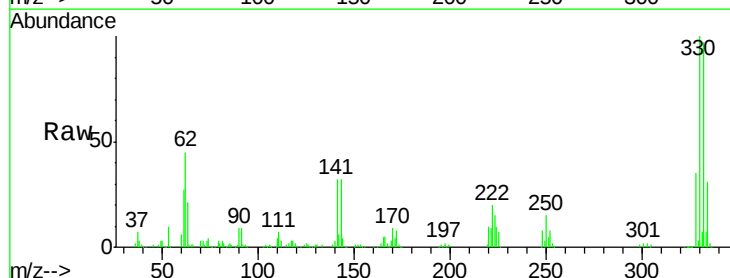
Tgt Ion:248 Resp: 22656

Ion Ratio Lower Upper

248 100

250 189.2 76.9 115.3#

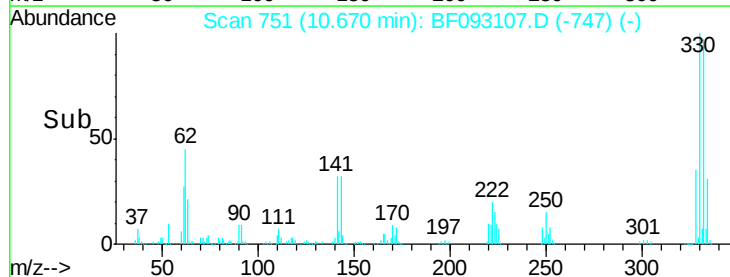
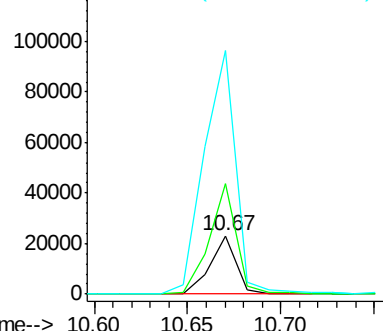
141 418.9 68.2 102.4#

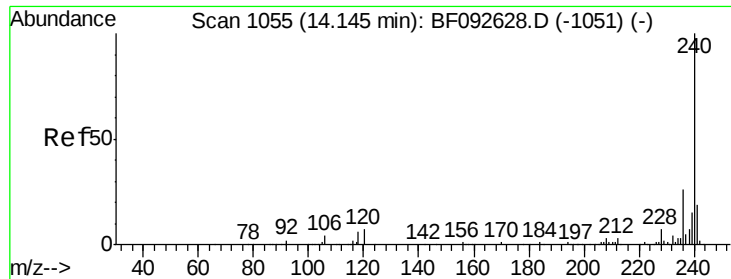


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

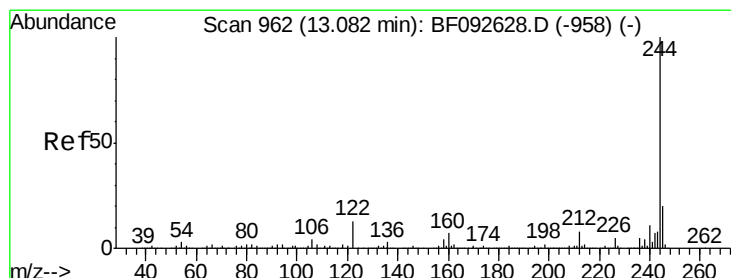
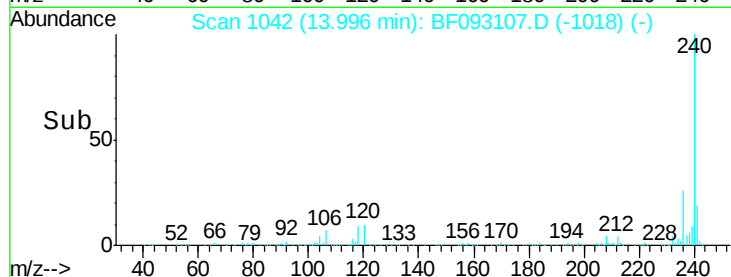
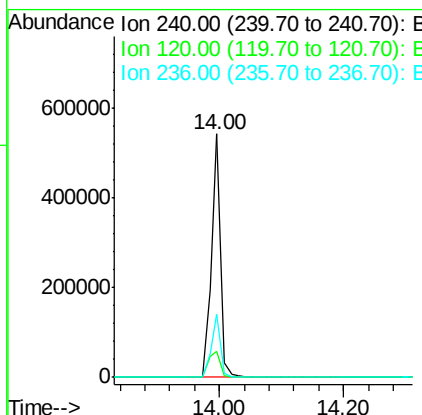
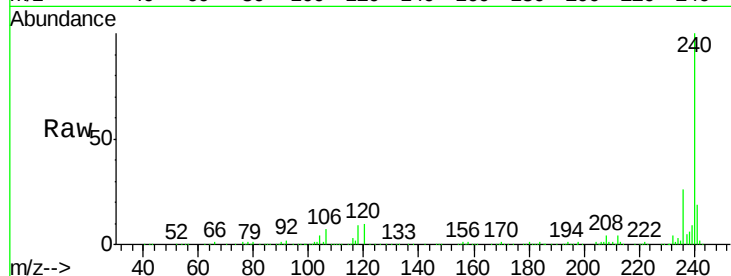




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF093107.D
 Acq: 23 Feb 2017 16:33

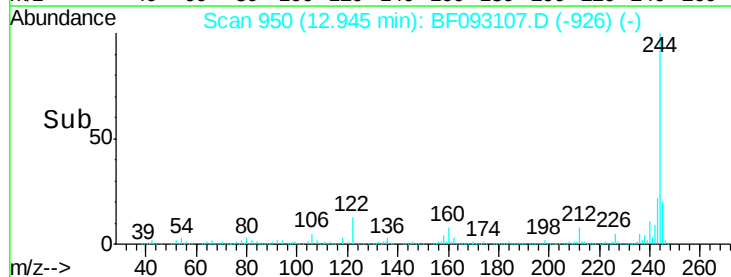
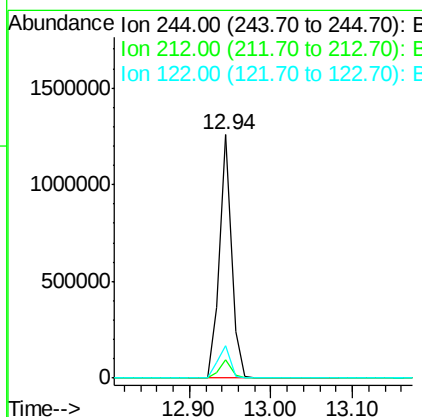
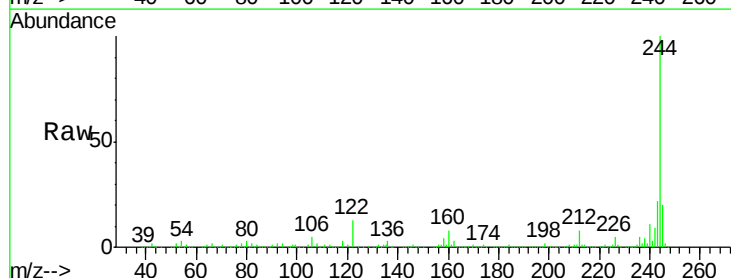
Instrument :
 BNA_F
 ClientSampleId :
 PB97124BL

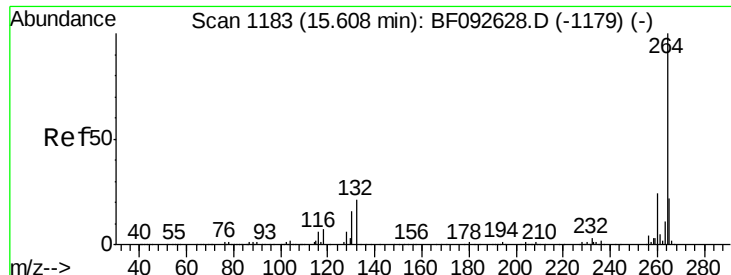
Tgt Ion: 240 Resp: 541020
 Ion Ratio Lower Upper
 240 100
 120 10.5 12.9 19.3#
 236 25.8 20.9 31.3



#78
 Terphenyl-d14
 Concen: 56.49 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093107.D
 Acq: 23 Feb 2017 16:33

Tgt Ion: 244 Resp: 1300766
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.3 11.4 17.2

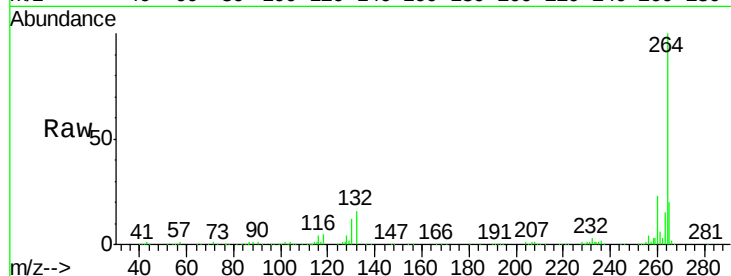




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093107.D
Acq: 23 Feb 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB97124BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.4	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

