

Data File : BF093150.D
Acq On : 24 Feb 2017 17:47
Operator : SJ/MA
Sample : PB97152BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97152BL

Quant Time: Feb 24 22:05:37 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	6.83	152	144753	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	560855	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	273202	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	523625	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	490064	20.00	ng	-0.02
86) Perylene-d12	15.43	264	394766	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1112752	131.88	ng	-0.02
7) Phenol-d6	6.48	99	1486003	136.88	ng	-0.01
23) Nitrobenzene-d5	7.40	82	841591	83.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	308956	156.36	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1588720	105.35	ng	-0.01
78) Terphenyl-d14	12.96	244	1584273	75.96	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	110709	16.02	ng	# 82
25) Isophorone	7.40	82	687153	36.61	ng	# 65
50) 2,6-Dinitrotoluene	9.87	165	35060	8.82	ng	# 31
56) 2,4-Dinitrotoluene	9.87	165	35063	6.63	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.67	198	990	2.96	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	23491	4.29	ng	# 1

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

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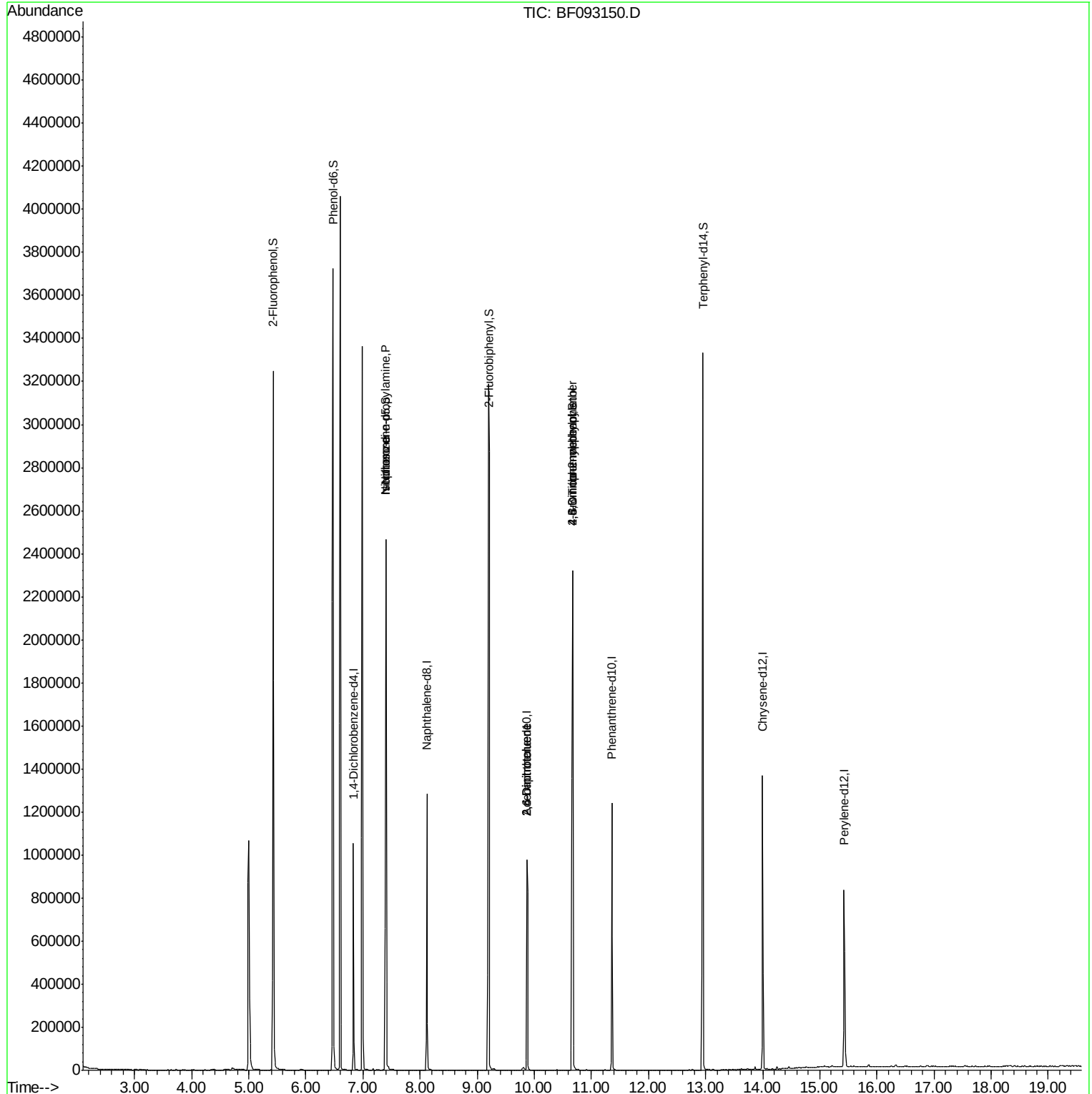
Quant Time: Feb 24 22:05:37 2017

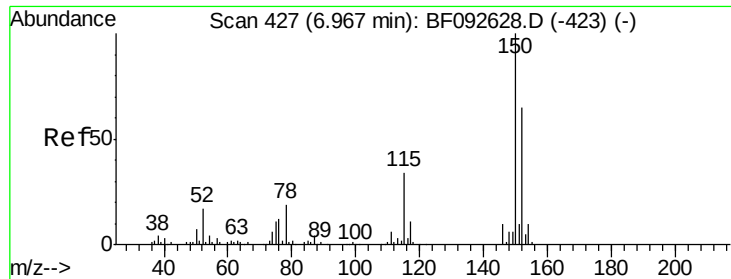
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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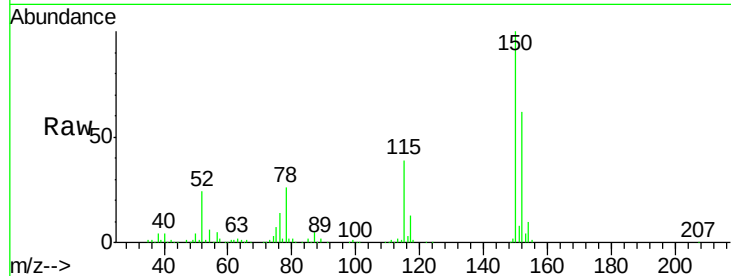


#1

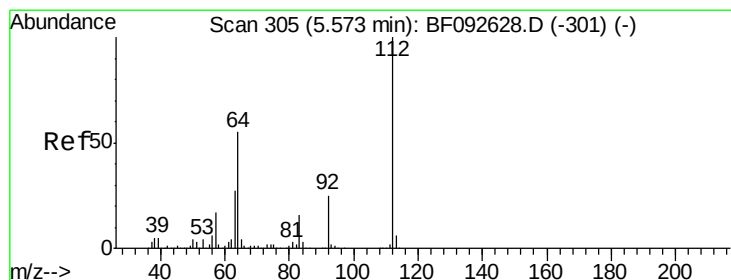
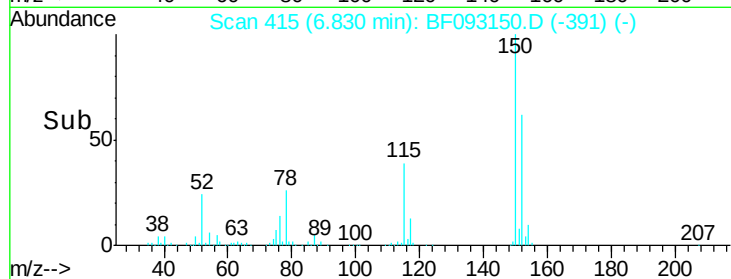
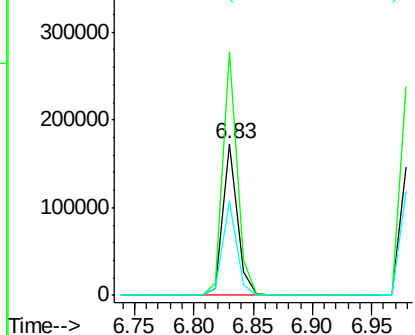
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF093150.D
Acq: 24 Feb 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB97152BL

Tgt Ion:152 Resp: 144753
Ion Ratio Lower Upper
152 100
150 160.1 124.9 187.3
115 61.7 46.0 69.0



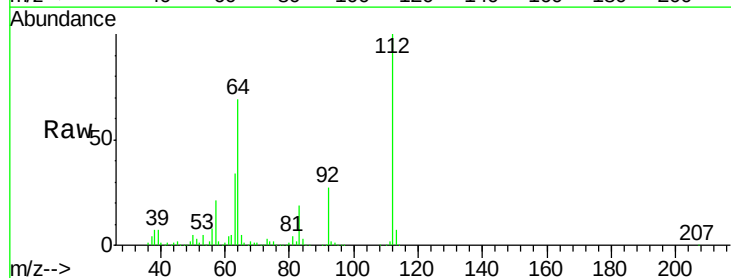
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



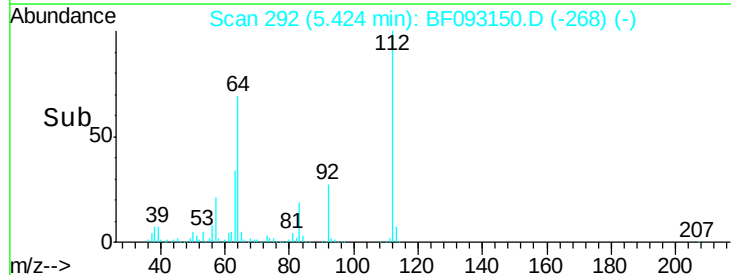
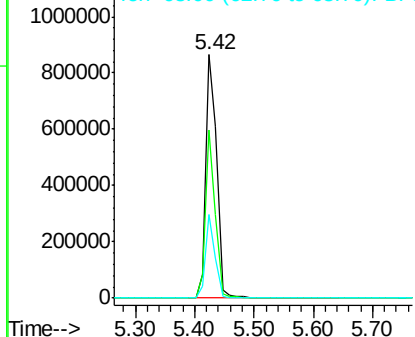
#5

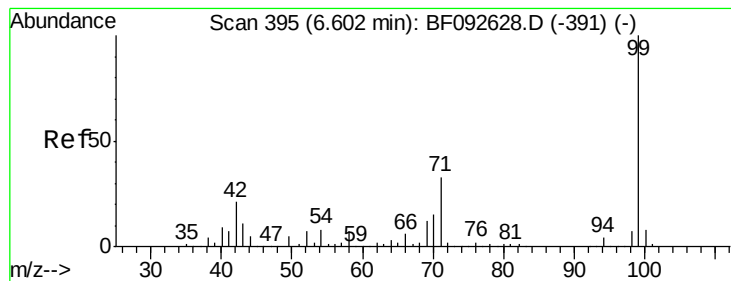
2-Fluorophenol
Concen: 131.88 ng
RT: 5.42 min Scan# 292
Delta R.T. -0.02 min
Lab File: BF093150.D
Acq: 24 Feb 2017 17:47

Tgt Ion:112 Resp: 1112752
Ion Ratio Lower Upper
112 100
64 69.0 46.1 69.1
63 34.4 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: 136.88 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093150.D

Acq: 24 Feb 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97152BL

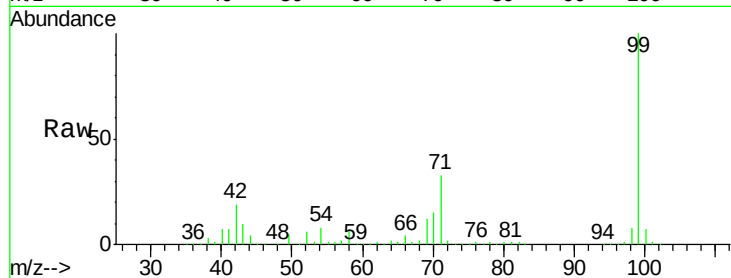
Tgt Ion: 99 Resp: 1486003

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

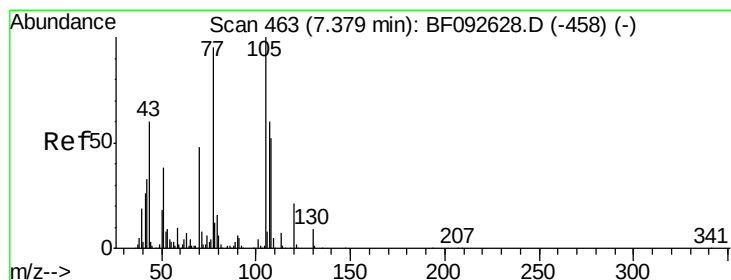
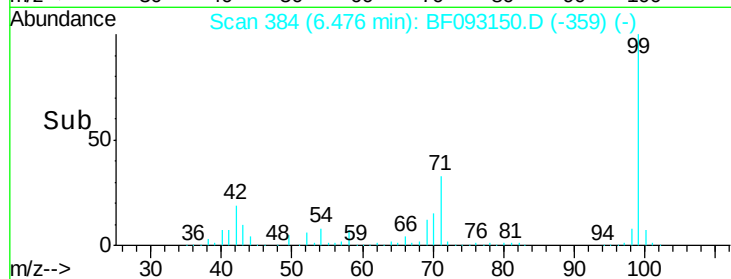
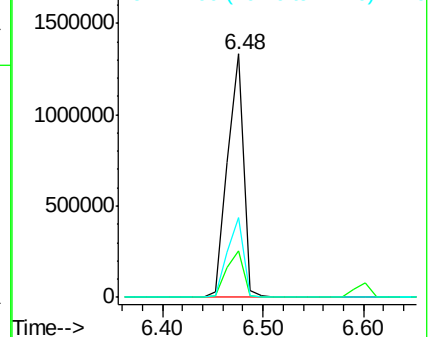
71 32.5 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.02 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.13 min

Lab File: BF093150.D

Acq: 24 Feb 2017 17:47

Tgt Ion: 70 Resp: 110709

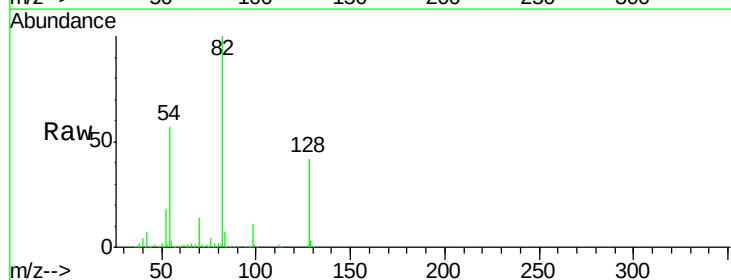
Ion Ratio Lower Upper

70 100

42 53.0 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

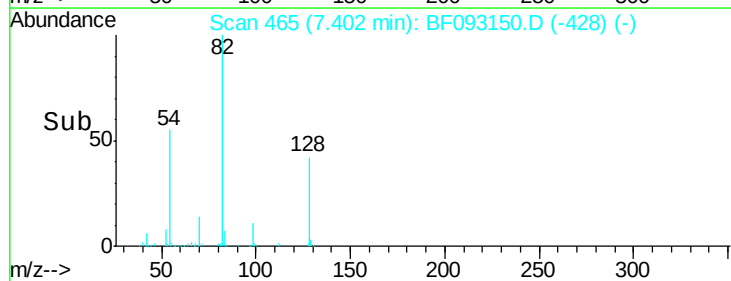
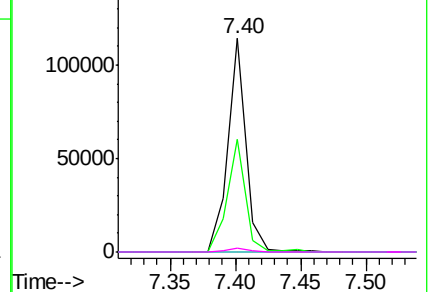


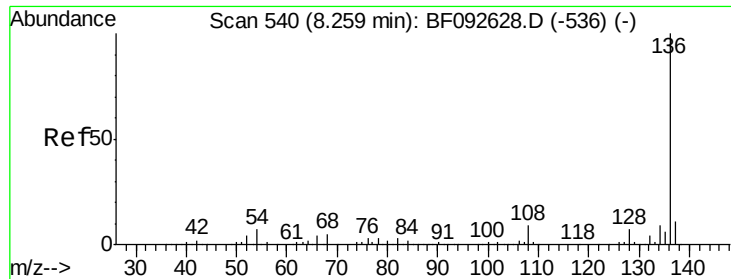
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

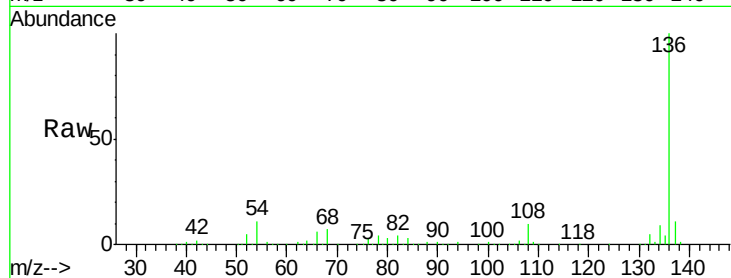




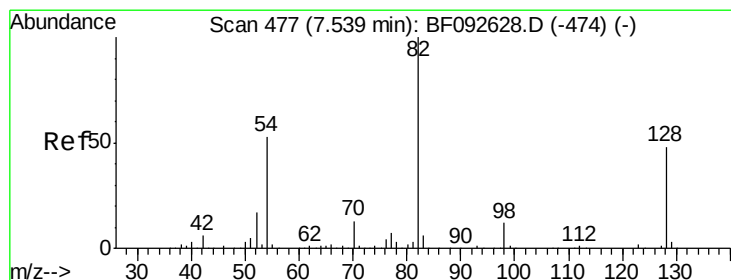
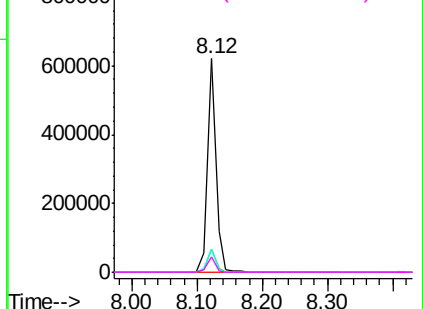
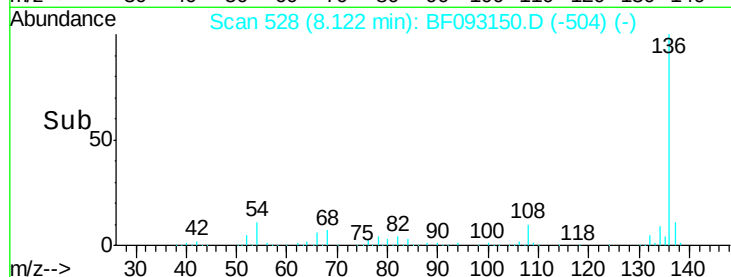
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093150.D
Acq: 24 Feb 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB97152BL

Tgt Ion:	136	Resp:	560855
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.7	4.5	6.7#
68	7.2	3.6	5.4#

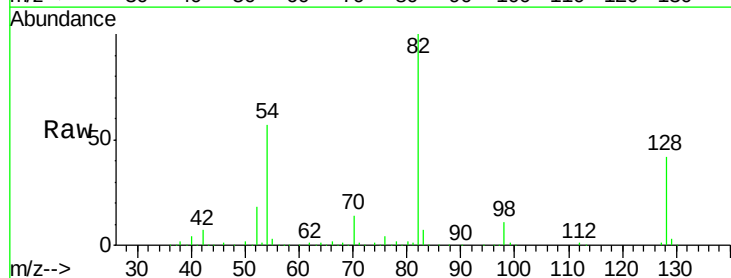


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

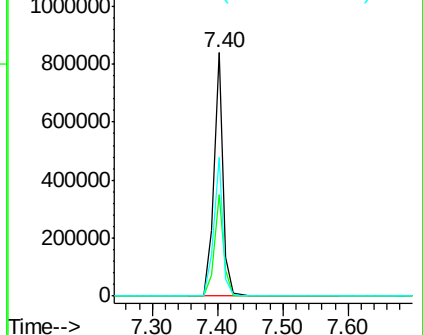
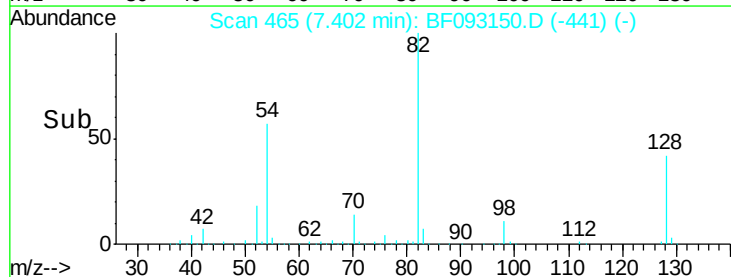


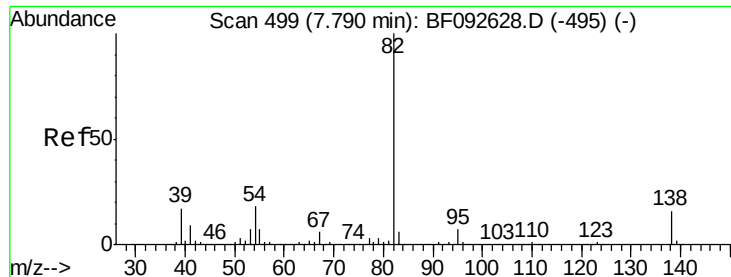
#23
Nitrobenzene-d5
Concen: 83.56 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093150.D
Acq: 24 Feb 2017 17:47

Tgt Ion:	82	Resp:	841591
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	57.0	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





#25

Isophorone

Concen: 36.61 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.29 min

Lab File: BF093150.D

Acq: 24 Feb 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97152BL

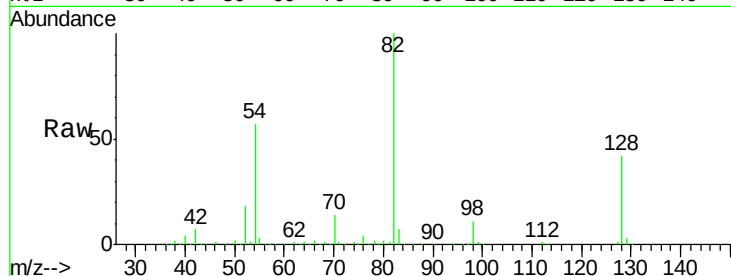
Tgt Ion: 82 Resp: 687153

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

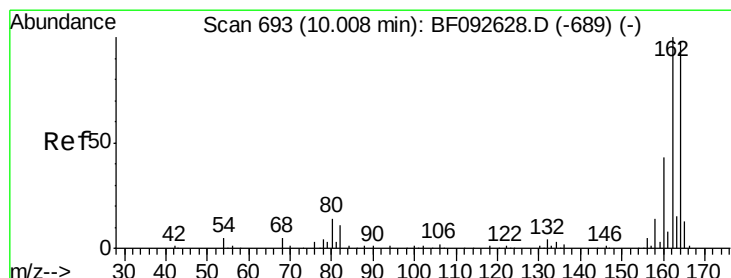
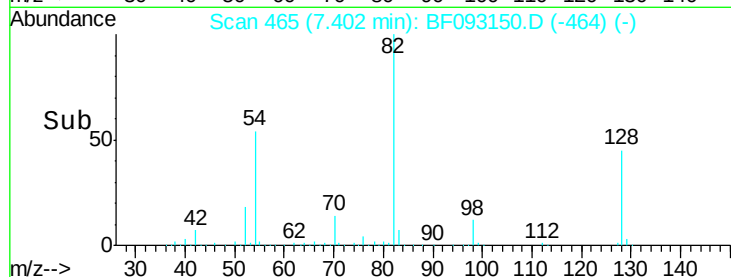
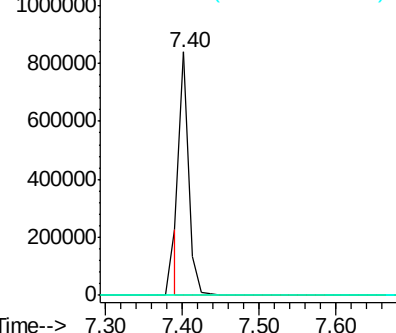
138 0.0 14.6 22.0#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF093150.D

Acq: 24 Feb 2017 17:47

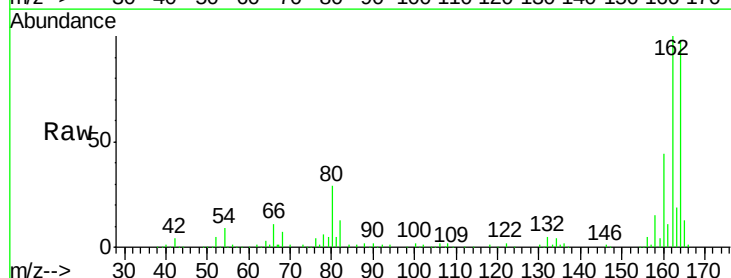
Tgt Ion: 164 Resp: 273202

Ion Ratio Lower Upper

164 100

162 102.3 80.2 120.2

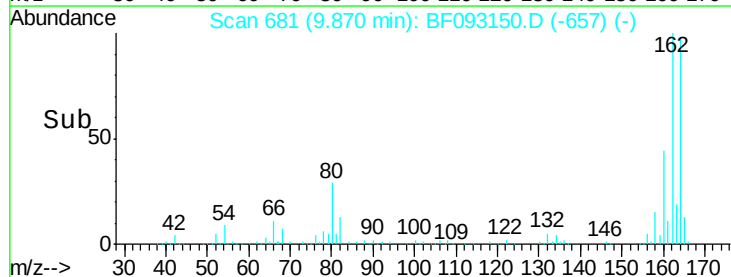
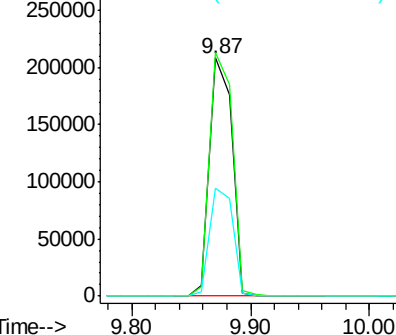
160 45.3 36.9 55.3

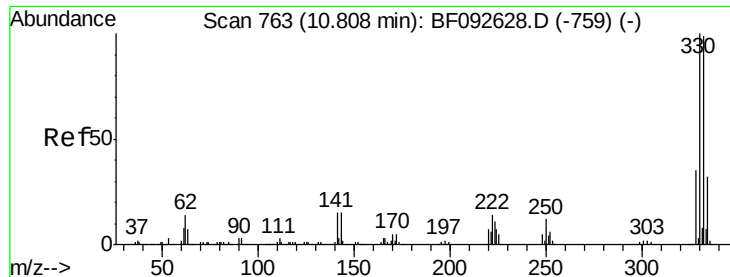


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

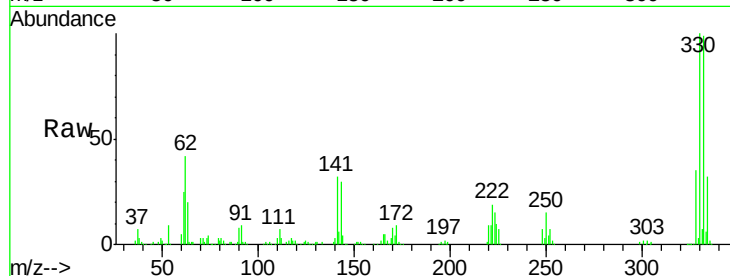




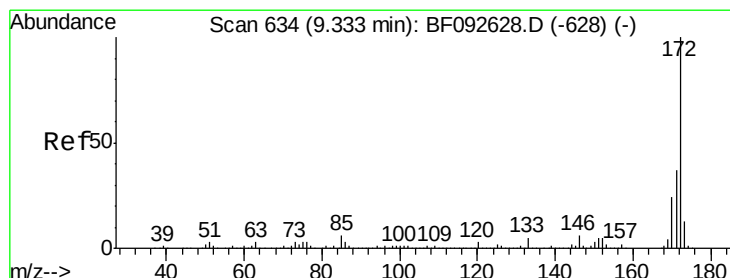
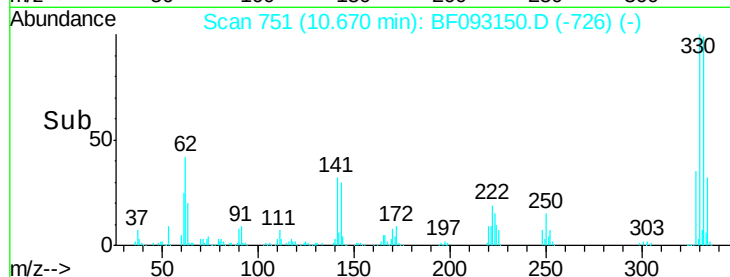
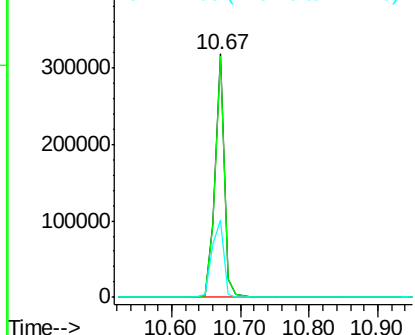
#41
 2,4,6-Tribromophenol
 Concen: 156.36 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093150.D
 Acq: 24 Feb 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97152BL

Tgt Ion:330 Resp: 308956
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.4 116.2
 141 40.0 34.1 51.1

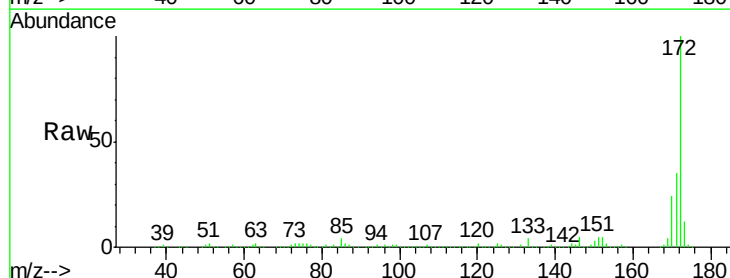


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

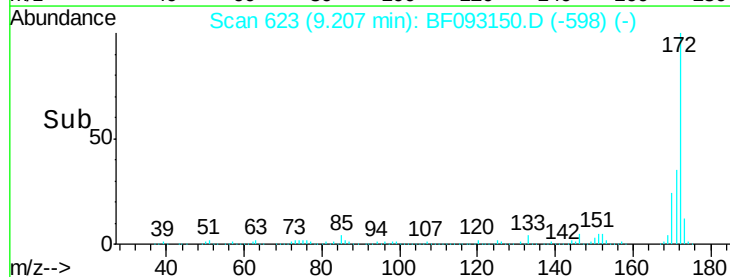
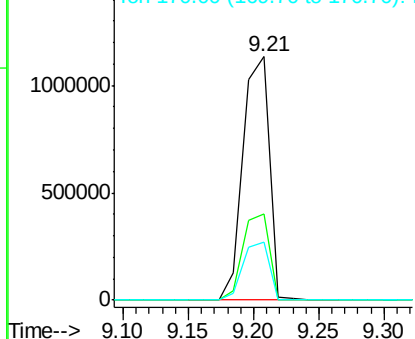


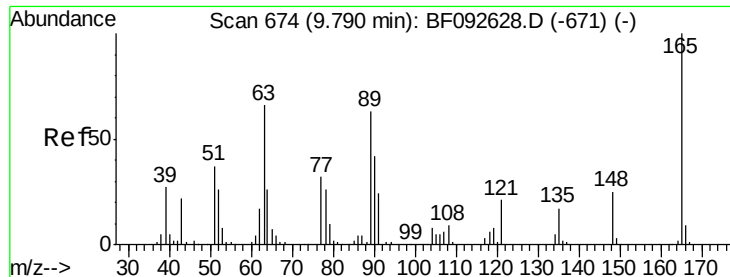
#44
 2-Fluorobiphenyl
 Concen: 105.35 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093150.D
 Acq: 24 Feb 2017 17:47

Tgt Ion:172 Resp: 1588720
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 23.7 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

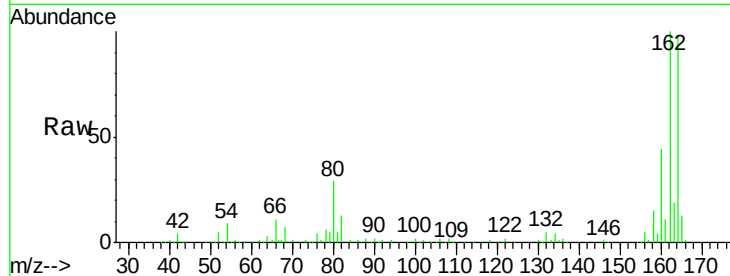




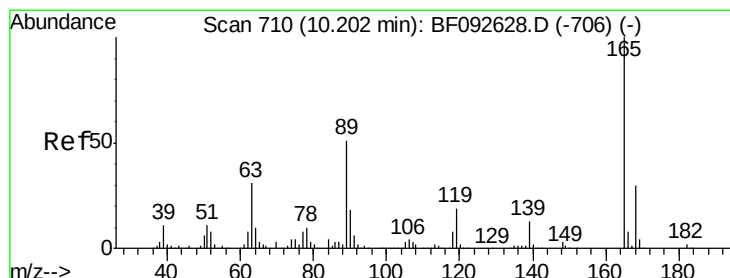
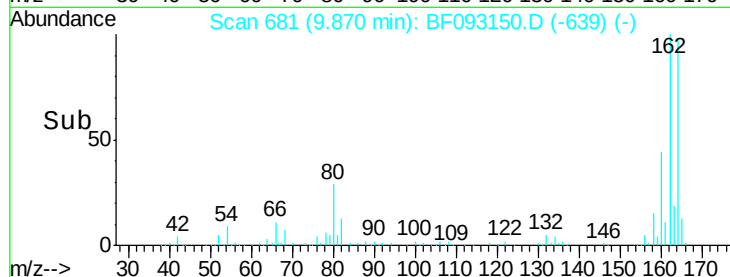
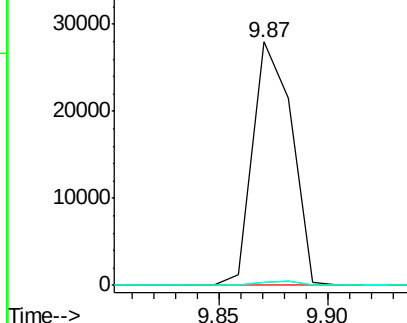
#50
 2,6-Dinitrotoluene
 Concen: 8.82 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.18 min
 Lab File: BF093150.D
 Acq: 24 Feb 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97152BL

Tgt Ion:165 Resp: 35060
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.2 54.4#
 89 1.2 40.2 60.4#

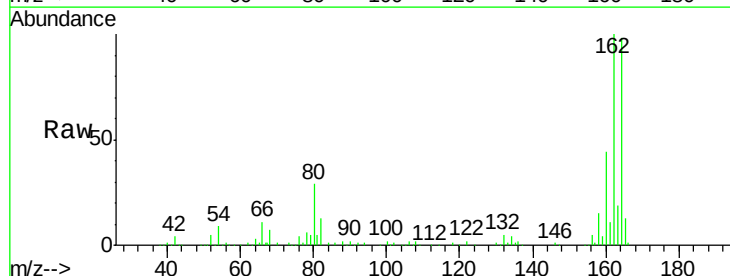


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

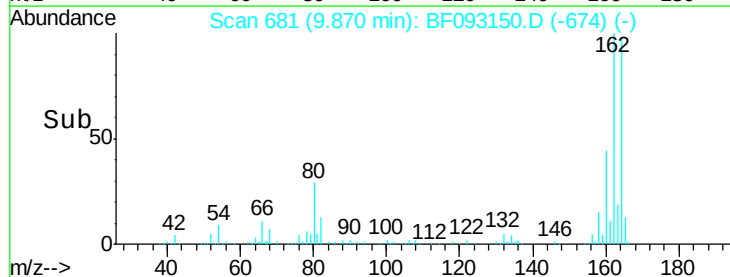
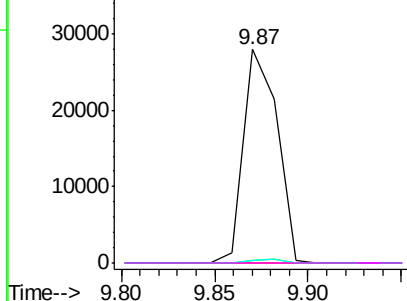


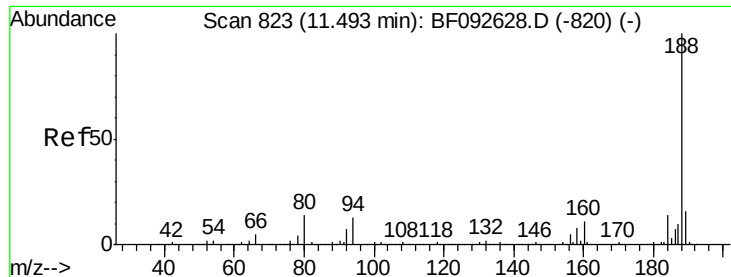
#56
 2,4-Dinitrotoluene
 Concen: 6.63 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.22 min
 Lab File: BF093150.D
 Acq: 24 Feb 2017 17:47

Tgt Ion:165 Resp: 35063
 Ion Ratio Lower Upper
 165 100
 63 1.4 40.2 60.4#
 89 1.2 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

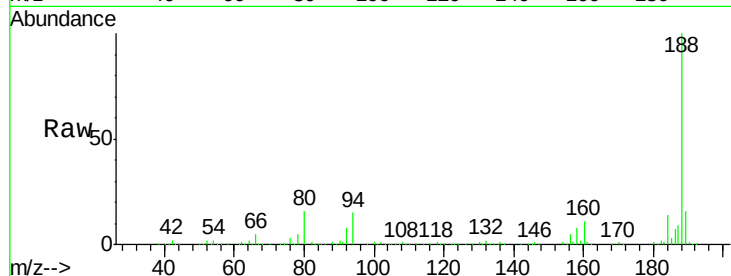




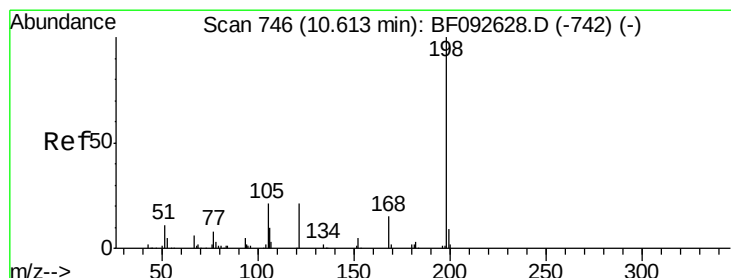
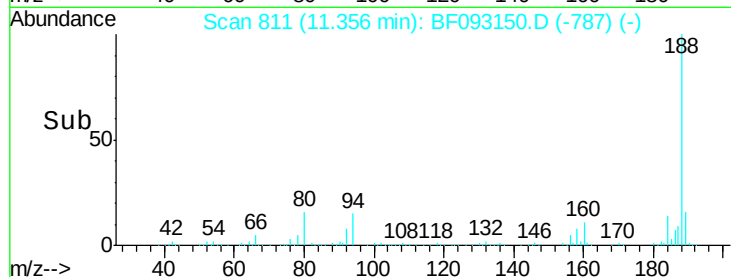
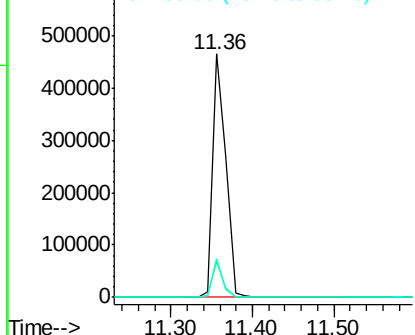
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093150.D
Acq: 24 Feb 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB97152BL

Tgt Ion:188 Resp: 523625
Ion Ratio Lower Upper
188 100
94 14.7 10.0 15.0
80 16.0 11.2 16.8

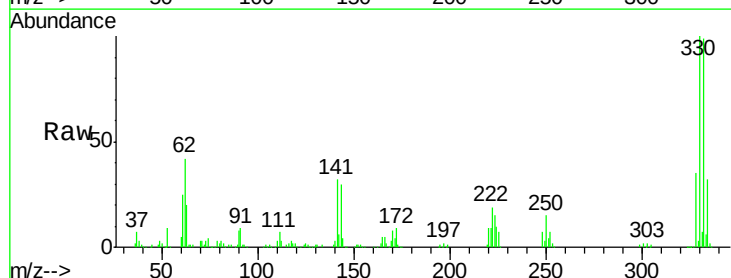


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

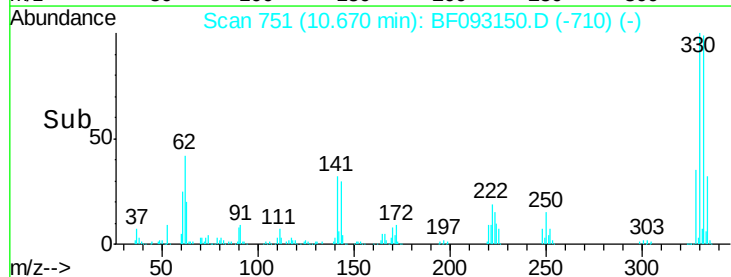
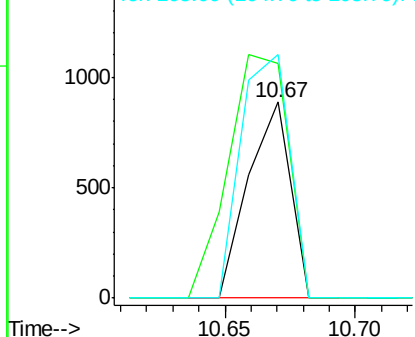


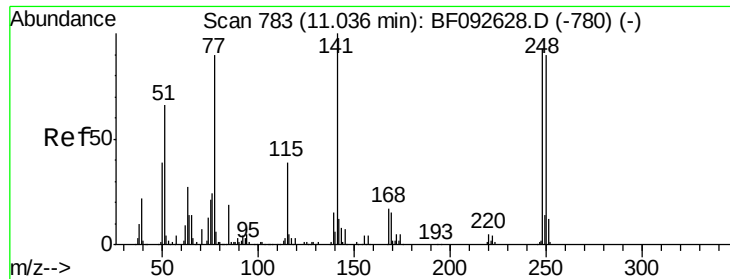
#64
4,6-Dinitro-2-methylphenol
Concen: 2.96 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.17 min
Lab File: BF093150.D
Acq: 24 Feb 2017 17:47

Tgt Ion:198 Resp: 990
Ion Ratio Lower Upper
198 100
51 120.2 6.7 46.7#
105 124.4 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

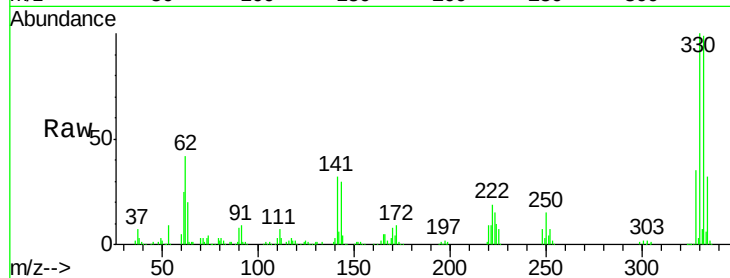




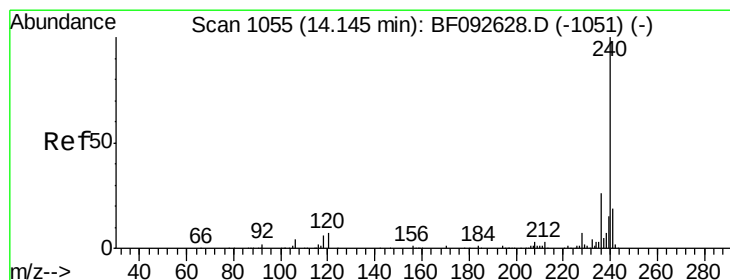
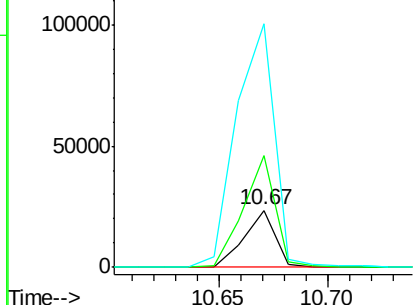
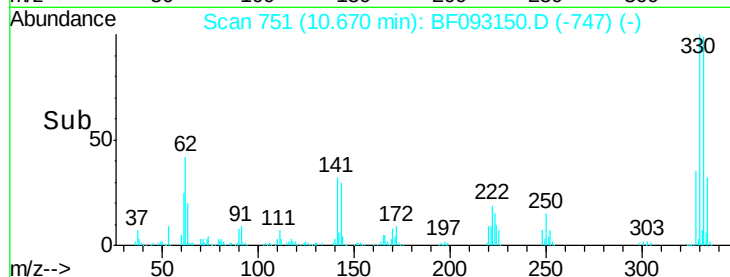
#66
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF093150.D
Acq: 24 Feb 2017 17:47

Instrument :
BNA_F
ClientSampled :
PB97152BL

Tgt Ion:248 Resp: 23491
Ion Ratio Lower Upper
248 100
250 196.2 76.9 115.3#
141 426.5 68.2 102.4#

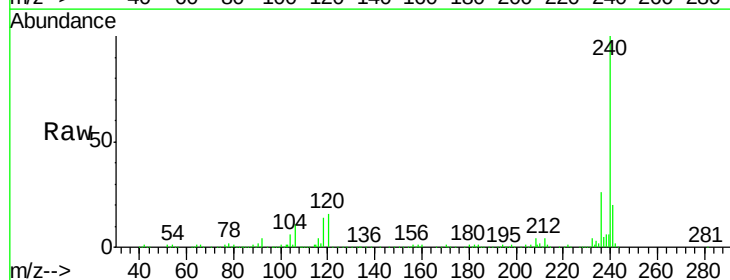


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

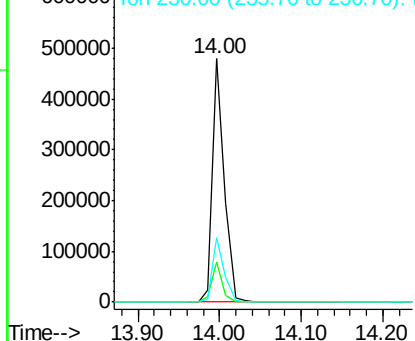
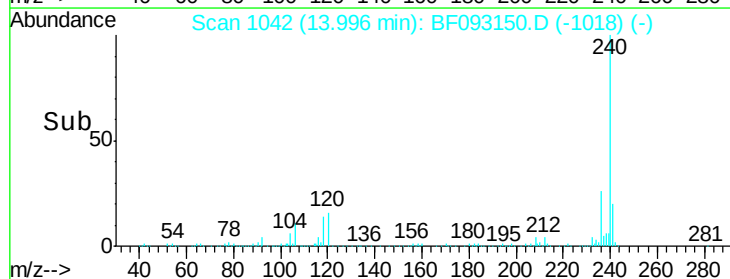


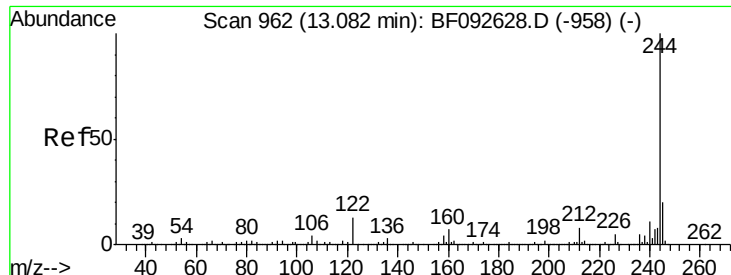
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093150.D
Acq: 24 Feb 2017 17:47

Tgt Ion:240 Resp: 490064
Ion Ratio Lower Upper
240 100
120 16.4 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: 75.96 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093150.D

Acq: 24 Feb 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97152BL

Tgt Ion:244 Resp: 1584273

Ion Ratio Lower Upper

244 100

212 6.9

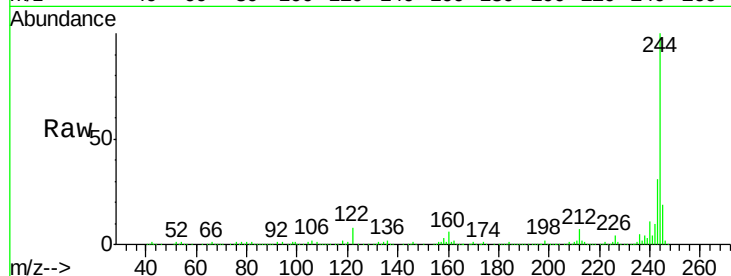
6.2

9.2

122 7.8

11.4

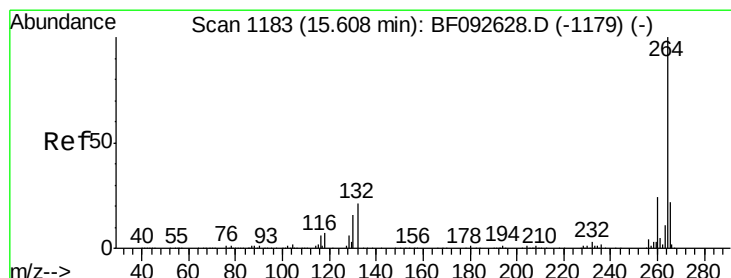
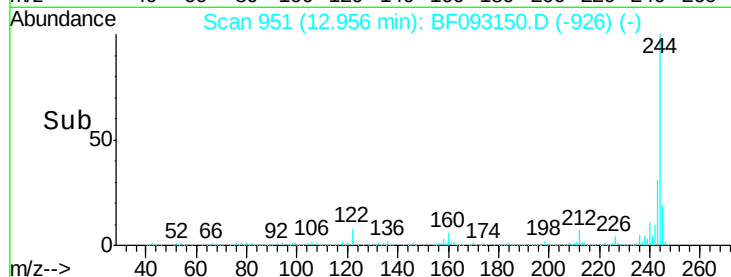
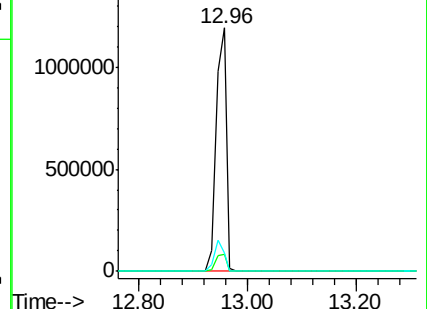
17.2#



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: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093150.D

Acq: 24 Feb 2017 17:47

Tgt Ion:264 Resp: 394766

Ion Ratio Lower Upper

264 100

260 24.1

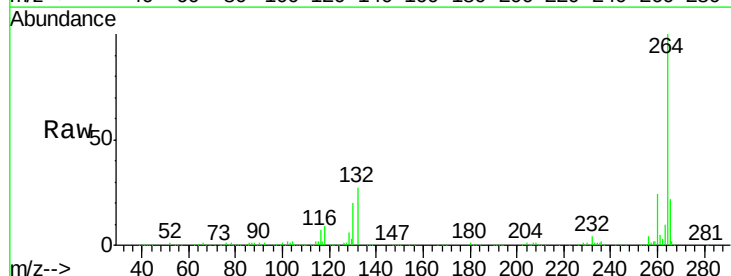
19.2

28.8

265 21.7

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

