

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
 Data File : BF092642.D
 Acq On : 30 Jan 2017 19:16
 Operator : SJ/MA
 Sample : PB96532BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96532BL

Quant Time: Jan 31 01:01:48 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

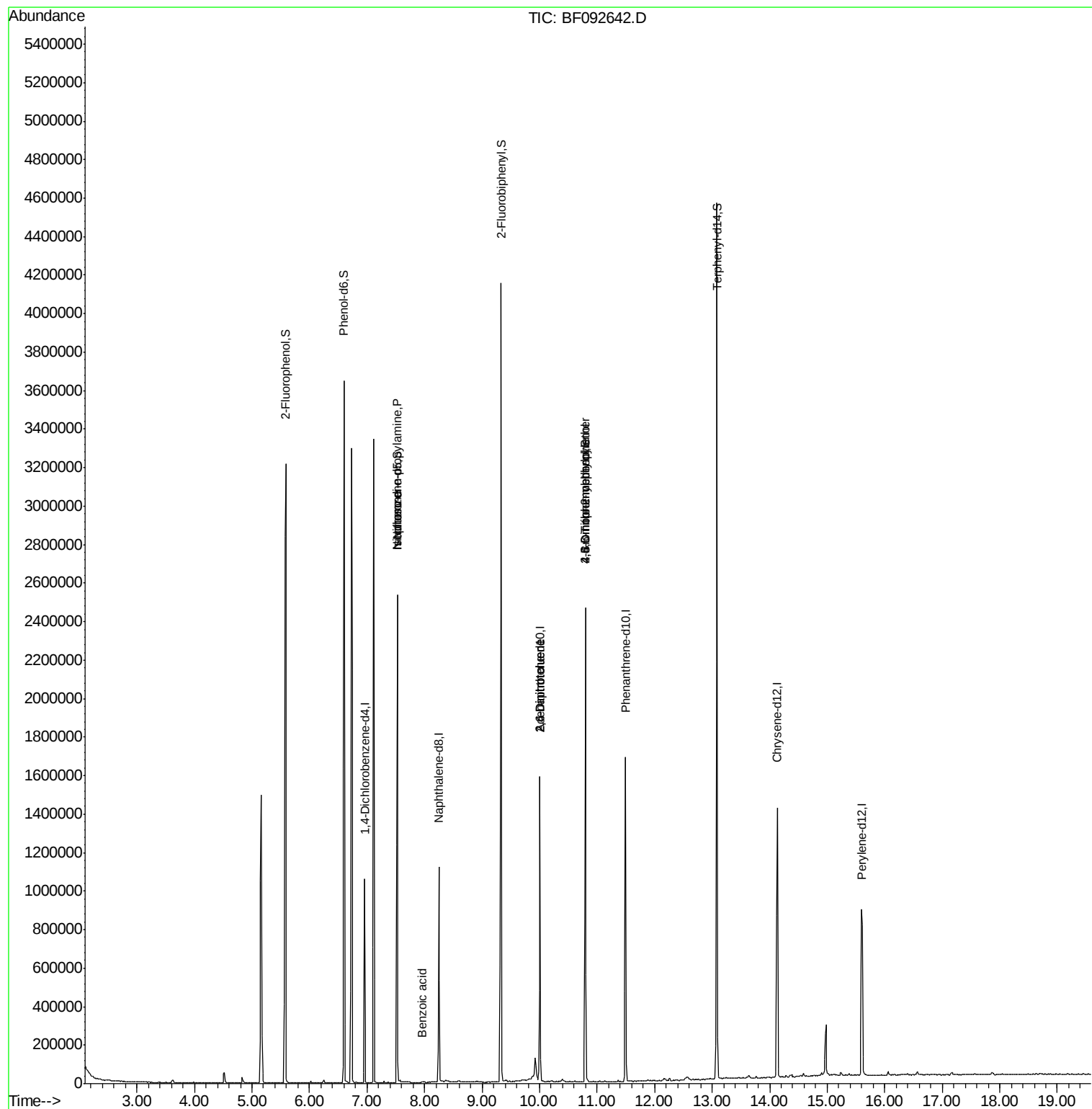
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	156985	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	612037	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	362176	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	629333	20.00	ng	0.00
75) Chrysene-d12	14.13	240	590776	20.00	ng	-0.01
86) Perylene-d12	15.61	264	475641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1266020	138.36	ng	0.01
7) Phenol-d6	6.60	99	1356330	115.20	ng	0.00
23) Nitrobenzene-d5	7.53	82	922993	83.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	322062	122.95	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1716103	85.84	ng	0.00
78) Terphenyl-d14	13.08	244	1581300	62.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	123798	16.52	ng	# 81
25) Isophorone	7.53	82	898399	43.87	ng	# 65
32) Benzoic acid	7.95	122	710	7.28	ng	97
50) 2,6-Dinitrotoluene	10.01	165	47229	8.96	ng	# 30
56) 2,4-Dinitrotoluene	10.01	165	47233	6.73	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.80	198	590	2.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	23573	3.59	ng	# 1

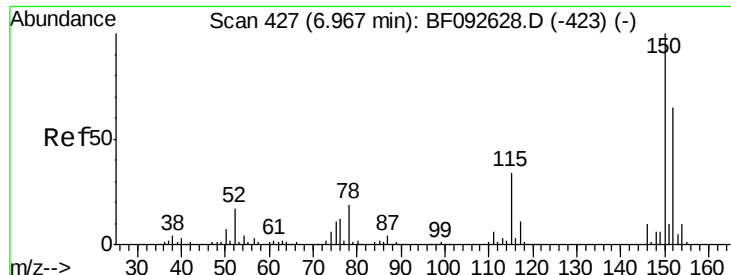
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
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Sample : PB96532BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96532BL

Quant Time: Jan 31 01:01:48 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092642.D

Acq: 30 Jan 2017 19:16

Instrument :

BNA_F

ClientSampleId :

PB96532BL

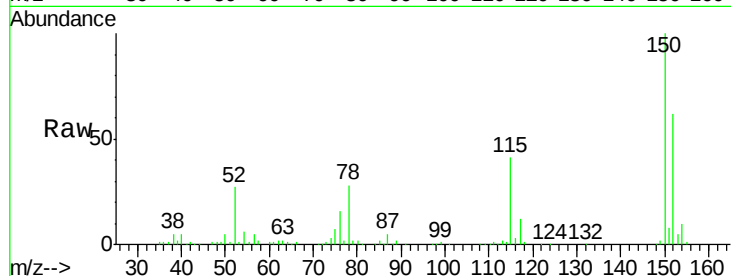
Tgt Ion:152 Resp: 156985

Ion Ratio Lower Upper

152 100

150 160.9 124.9 187.3

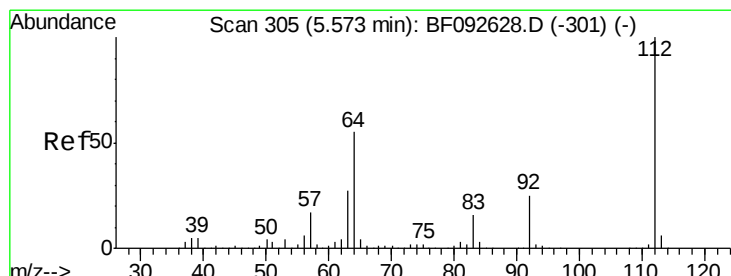
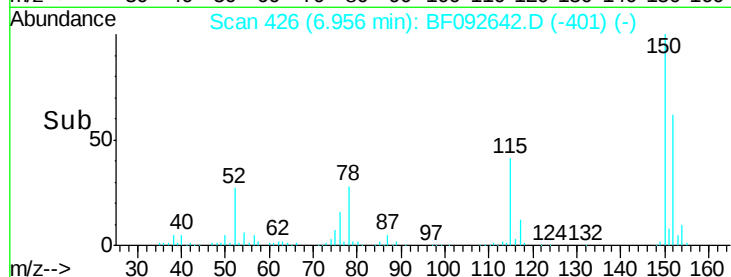
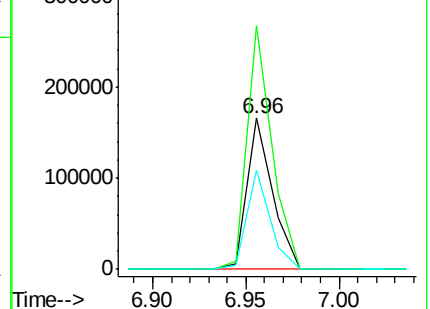
115 65.6 46.0 69.0



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: 138.36 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.01 min

Lab File: BF092642.D

Acq: 30 Jan 2017 19:16

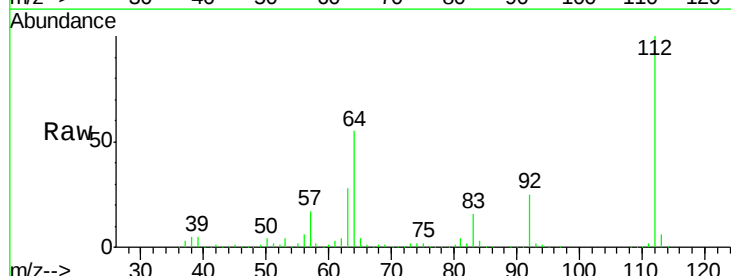
Tgt Ion:112 Resp: 1266020

Ion Ratio Lower Upper

112 100

64 54.9 46.1 69.1

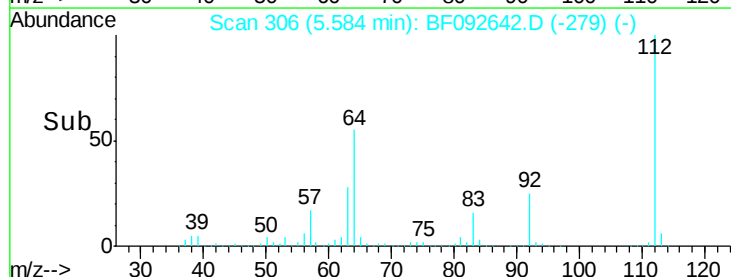
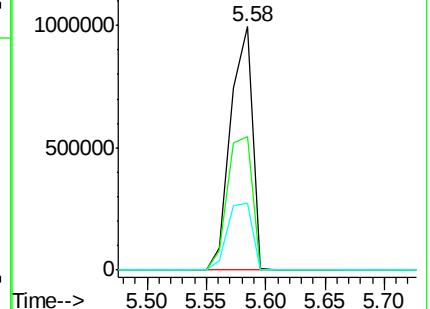
63 27.6 23.8 35.6

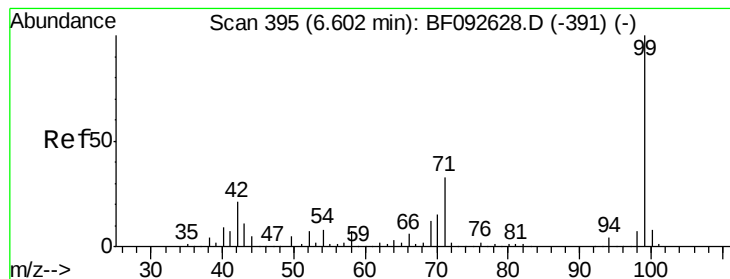


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.20 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092642.D

Acq: 30 Jan 2017 19:16

Instrument :

BNA_F

ClientSampleId :

PB96532BL

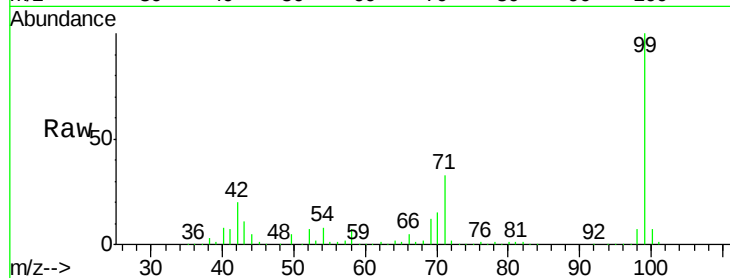
Tgt Ion: 99 Resp: 1356330

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

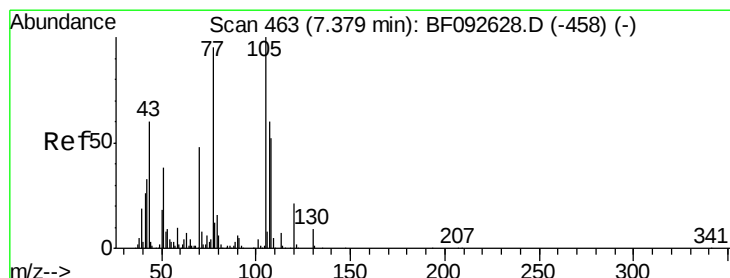
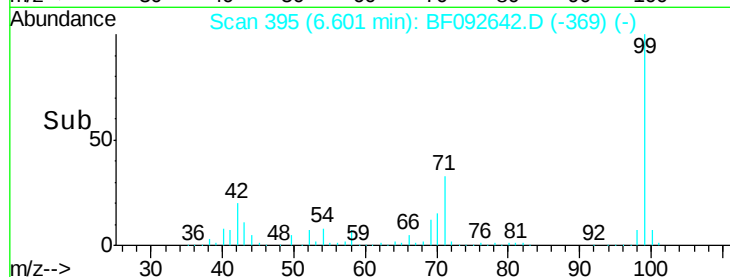
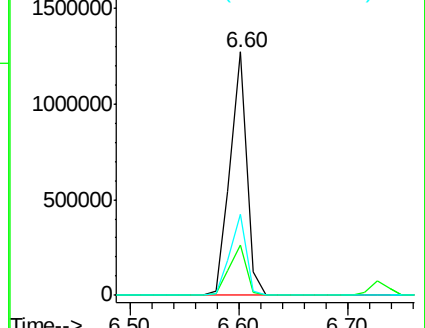
71 33.4 27.5 41.3



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: 16.52 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.15 min

Lab File: BF092642.D

Acq: 30 Jan 2017 19:16

Tgt Ion: 70 Resp: 123798

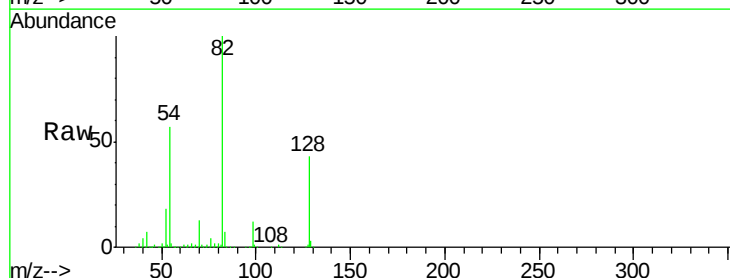
Ion Ratio Lower Upper

70 100

42 51.9 49.4 74.0

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

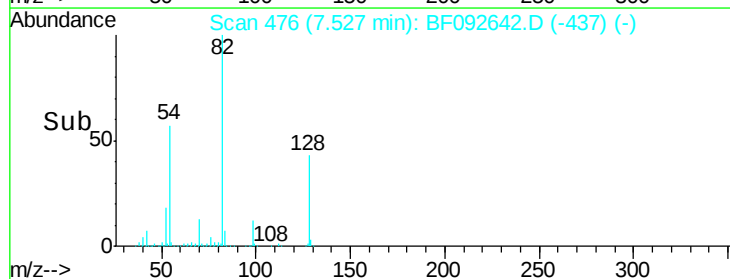
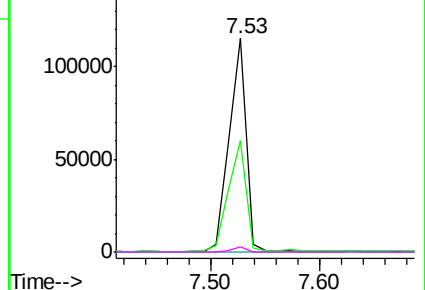


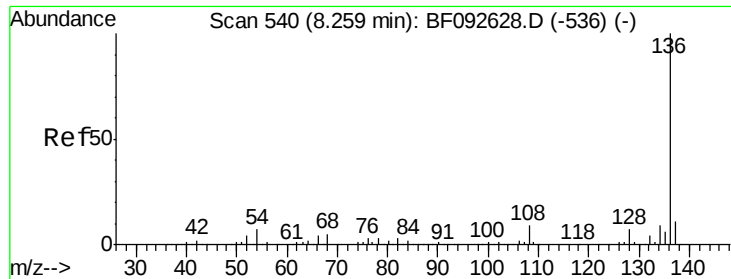
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

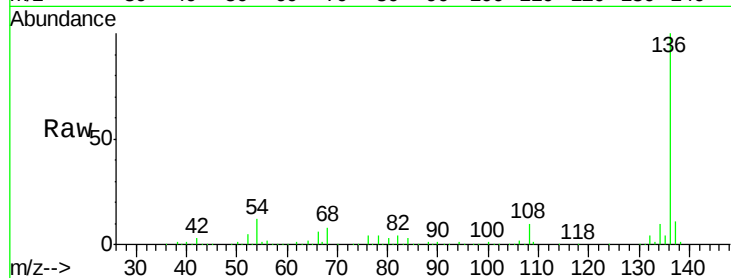




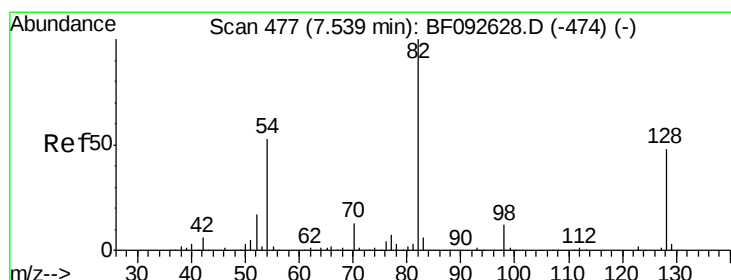
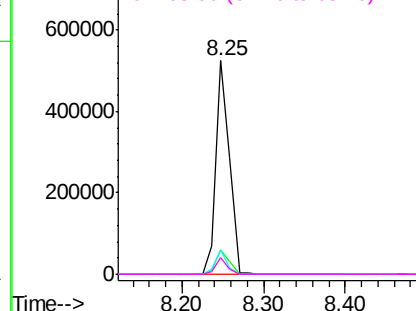
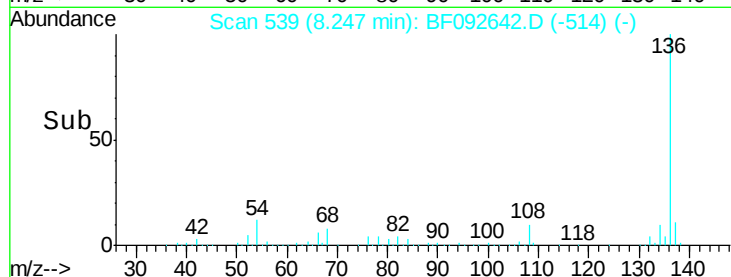
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092642.D
Acq: 30 Jan 2017 19:16

Instrument :
BNA_F
ClientSampleId :
PB96532BL

Tgt Ion:	136	Resp:	612037
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	11.7	4.5	6.7#
68	7.5	3.6	5.4#

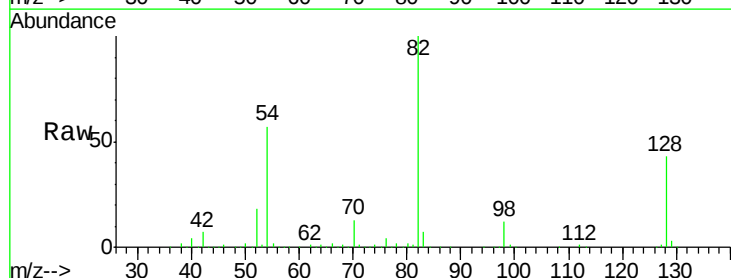


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

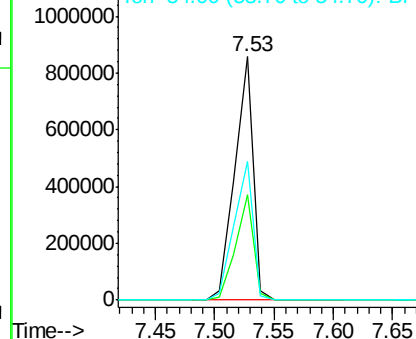
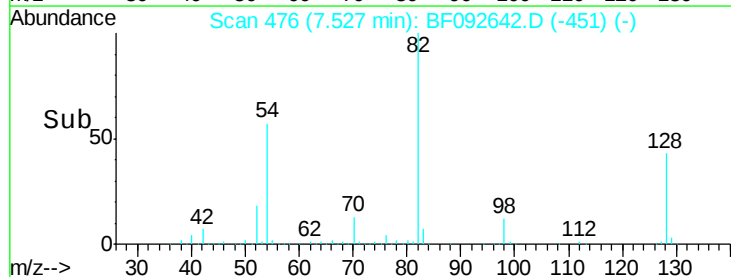


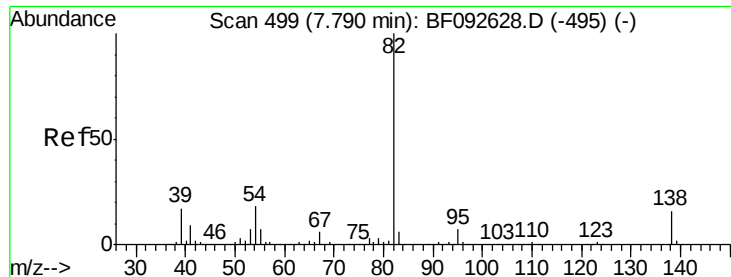
#23
Nitrobenzene-d5
Concen: 83.98 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092642.D
Acq: 30 Jan 2017 19:16

Tgt Ion:	82	Resp:	922993
Ion	Ratio	Lower	Upper
82	100		
128	43.4	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: 43.87 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.26 min

Lab File: BF092642.D

Acq: 30 Jan 2017 19:16

Instrument :

BNA_F

ClientSampleId :

PB96532BL

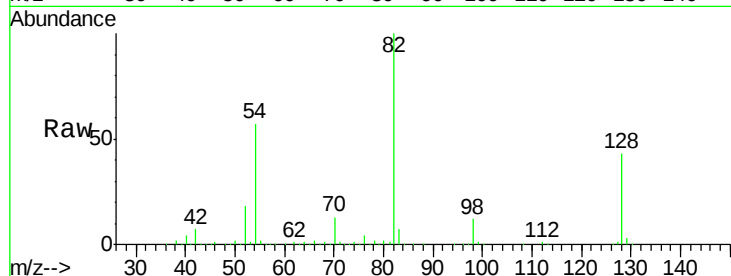
Tgt Ion: 82 Resp: 898399

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

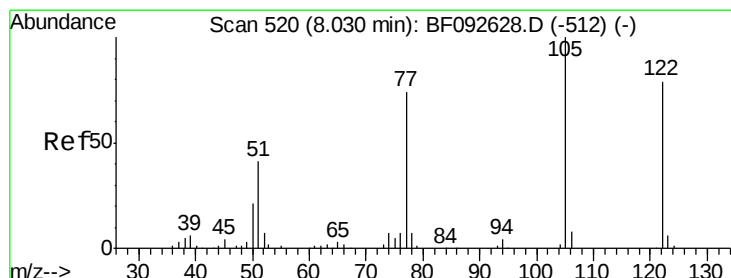
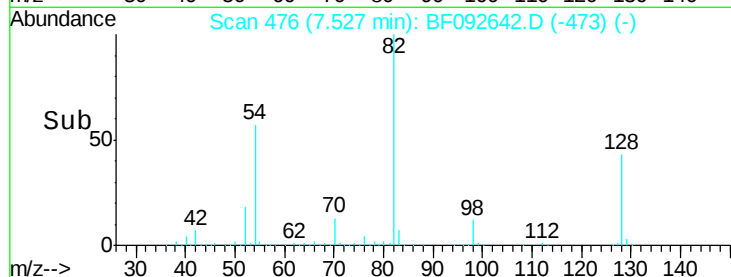
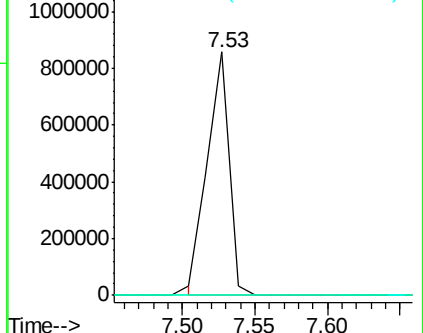
138 0.0 14.6 22.0#



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



#32

Benzoic acid

Concen: 7.28 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.08 min

Lab File: BF092642.D

Acq: 30 Jan 2017 19:16

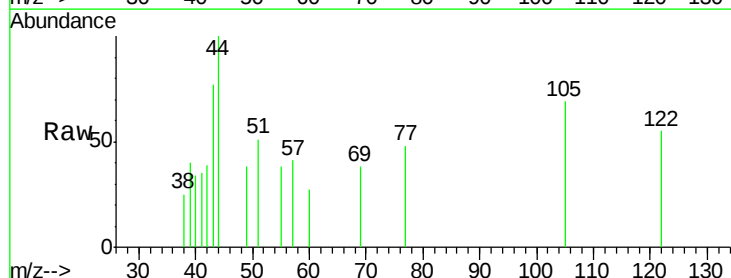
Tgt Ion: 122 Resp: 710

Ion Ratio Lower Upper

122 100

105 126.5 107.2 147.2

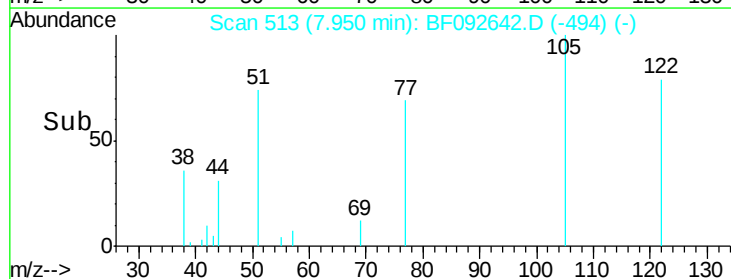
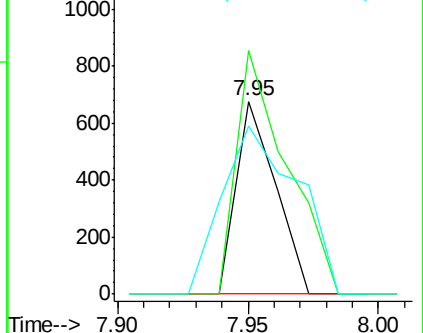
77 87.4 74.5 114.5

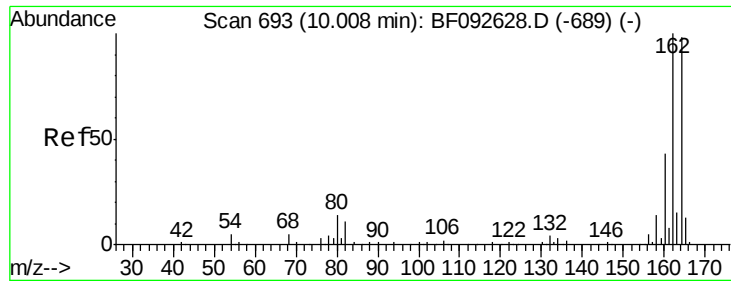


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF092642.D

Acq: 30 Jan 2017 19:16

Instrument :

BNA_F

ClientSampleId :

PB96532BL

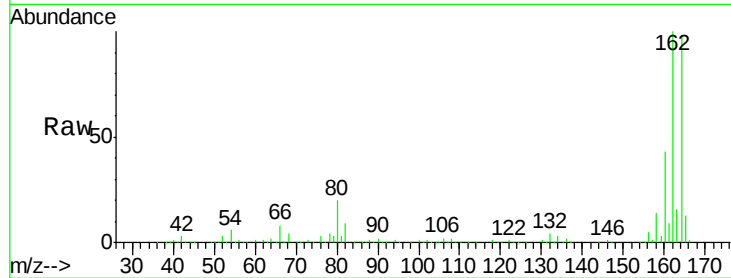
Tgt Ion:164 Resp: 362176

Ion Ratio Lower Upper

164 100

162 102.3 80.2 120.2

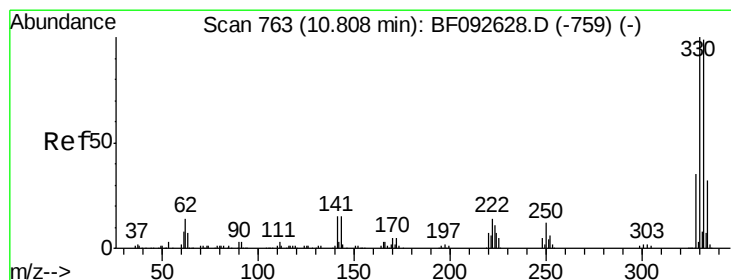
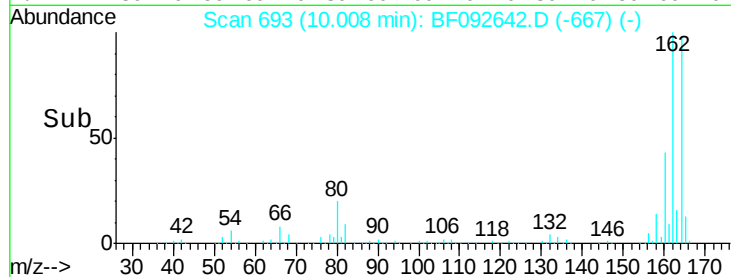
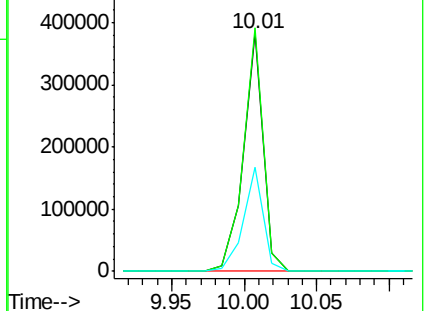
160 43.7 36.9 55.3



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: 122.95 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF092642.D

Acq: 30 Jan 2017 19:16

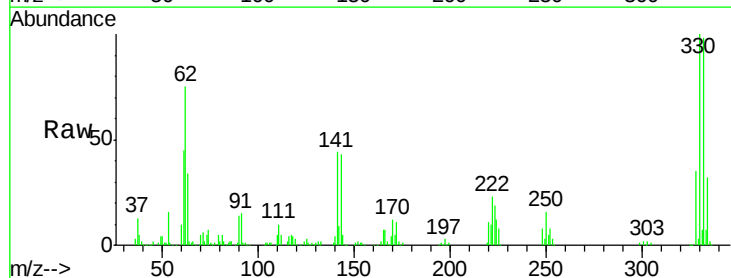
Tgt Ion:330 Resp: 322062

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

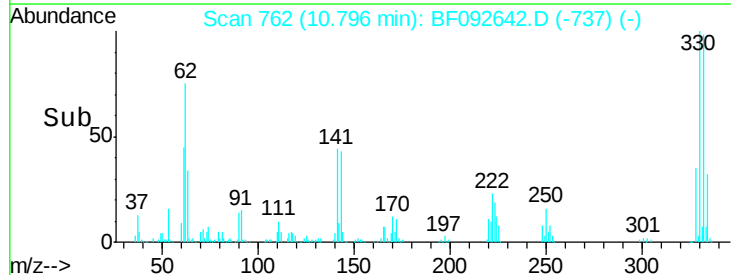
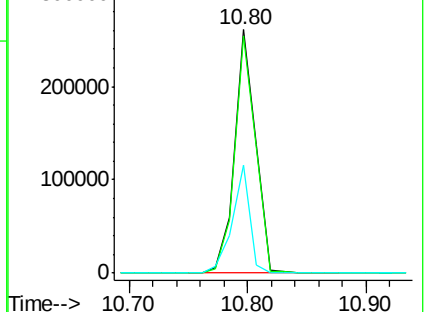
141 36.9 34.1 51.1

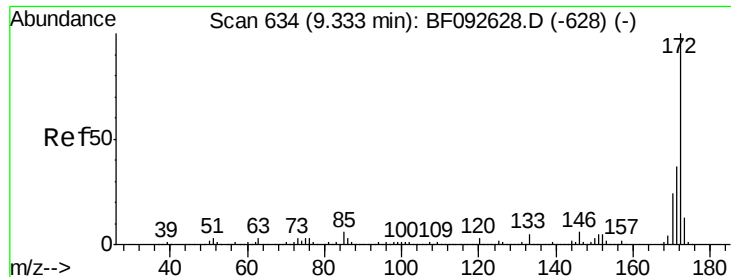


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

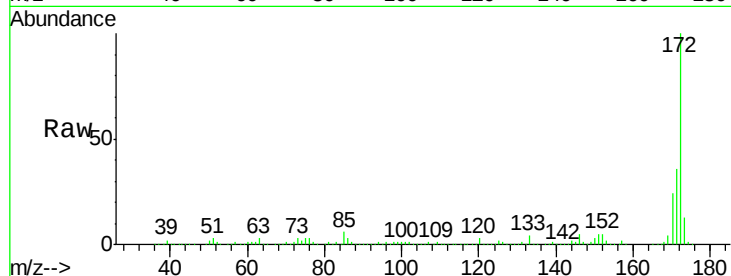




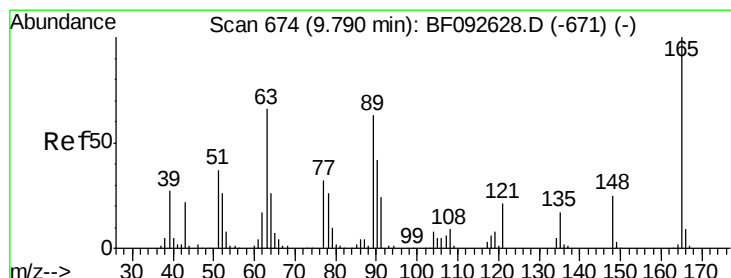
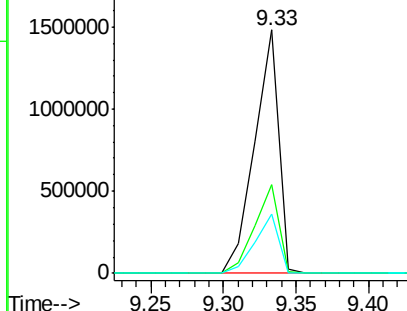
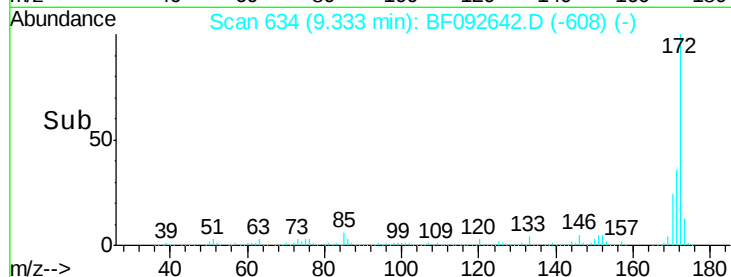
#44
 2-Fluorobiphenyl
 Concen: 85.84 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092642.D
 Acq: 30 Jan 2017 19:16

Instrument :
 BNA_F
 ClientSampleId :
 PB96532BL

Tgt Ion:172 Resp: 1716103
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.3 20.2 30.4

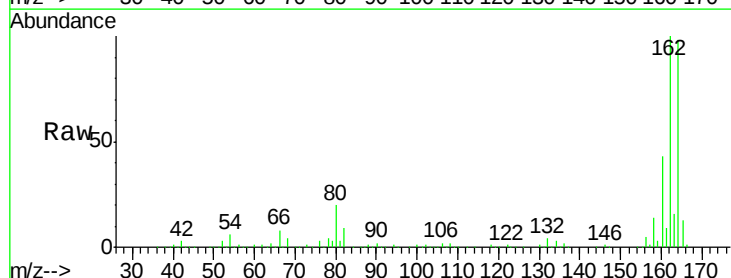


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

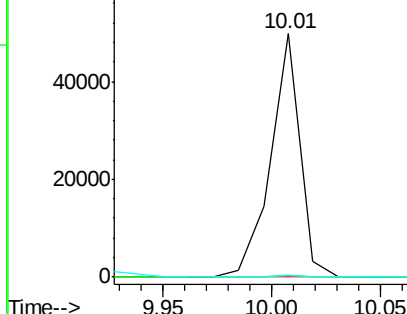
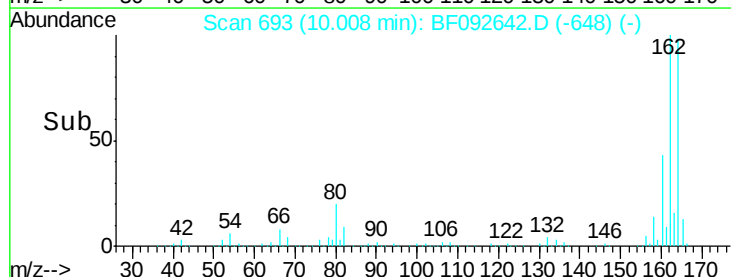


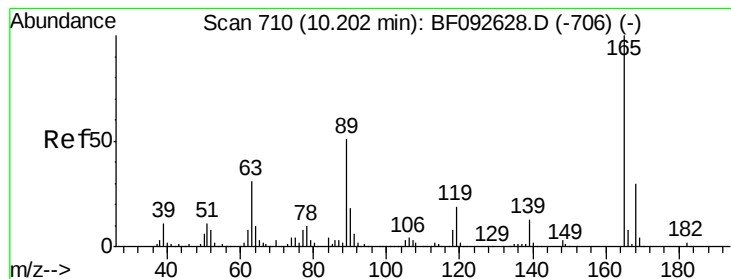
#50
 2,6-Dinitrotoluene
 Concen: 8.96 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.22 min
 Lab File: BF092642.D
 Acq: 30 Jan 2017 19:16

Tgt Ion:165 Resp: 47229
 Ion Ratio Lower Upper
 165 100
 63 0.9 36.2 54.4#
 89 1.0 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: 6.73 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.19 min

Lab File: BF092642.D

Acq: 30 Jan 2017 19:16

Instrument :

BNA_F

ClientSampleId :

PB96532BL

Tgt Ion:165 Resp: 47233

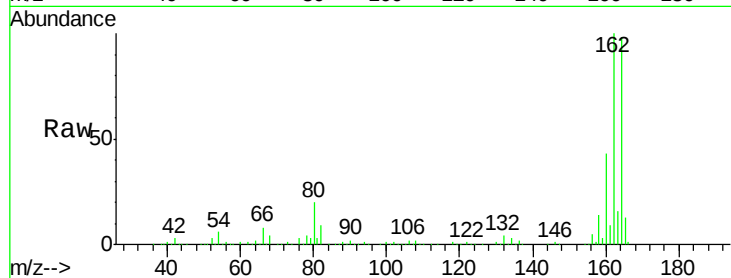
Ion Ratio Lower Upper

165 100

63 0.9 40.2 60.4#

89 1.0 62.5 93.7#

182 0.0 1.8 2.8#

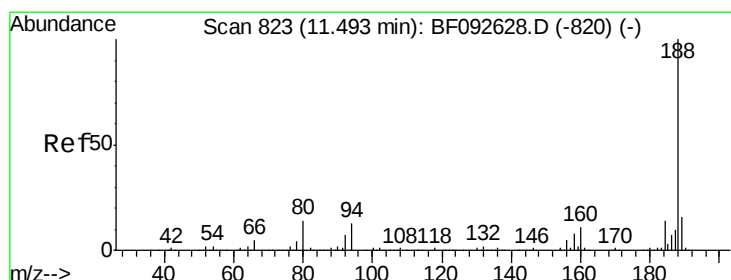
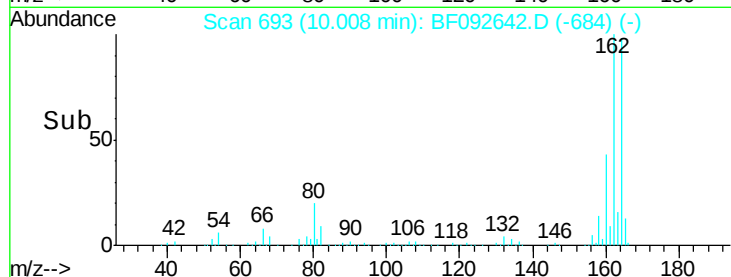
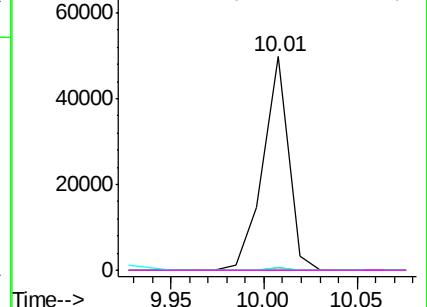


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.49 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF092642.D

Acq: 30 Jan 2017 19:16

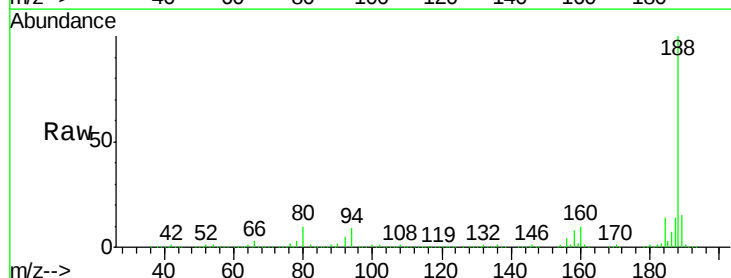
Tgt Ion:188 Resp: 629333

Ion Ratio Lower Upper

188 100

94 9.5 10.0 15.0#

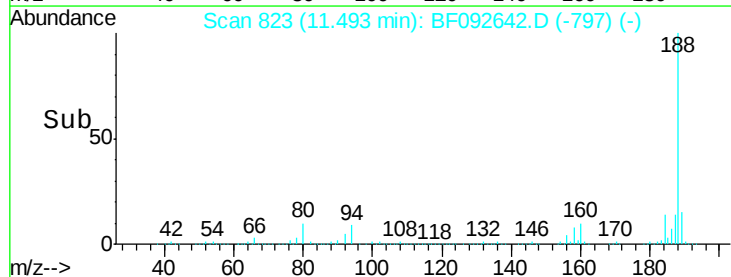
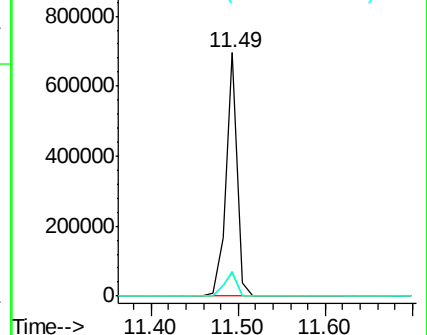
80 9.9 11.2 16.8#

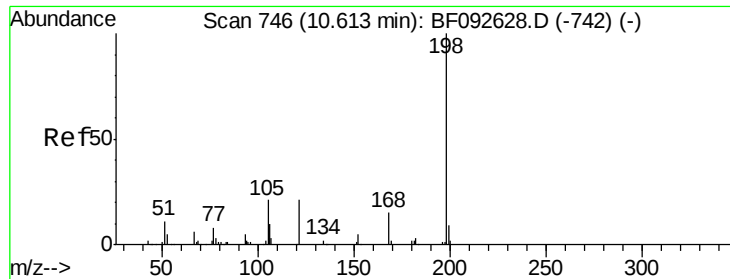


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

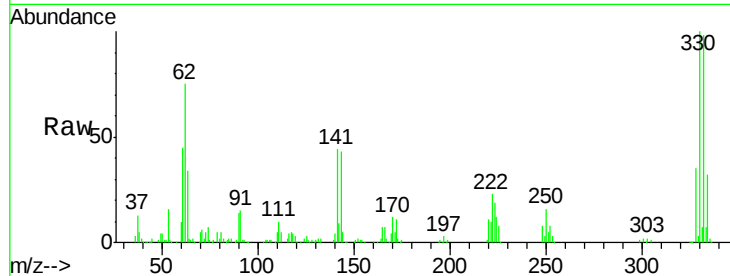




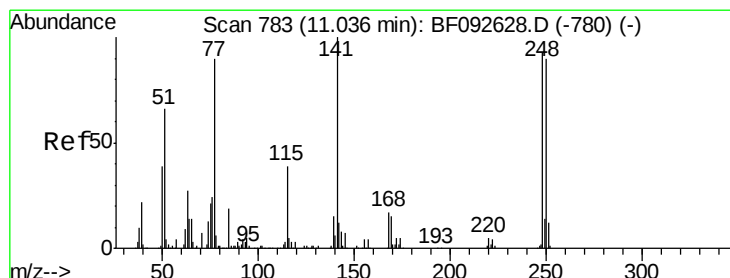
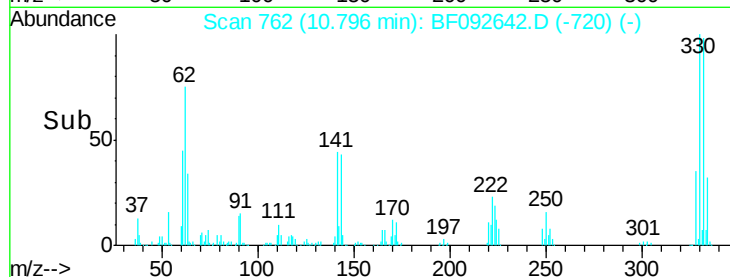
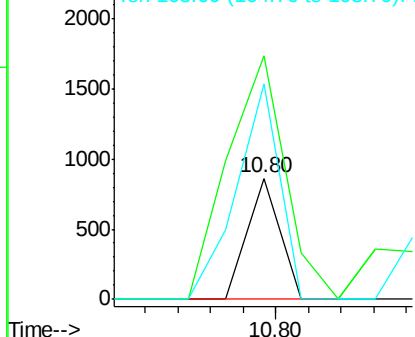
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.81 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.18 min
 Lab File: BF092642.D
 Acq: 30 Jan 2017 19:16

Instrument :
 BNA_F
 ClientSampleId :
 PB96532BL

Tgt Ion:198 Resp: 590
 Ion Ratio Lower Upper
 198 100
 51 201.6 6.7 46.7#
 105 178.6 16.6 56.6#

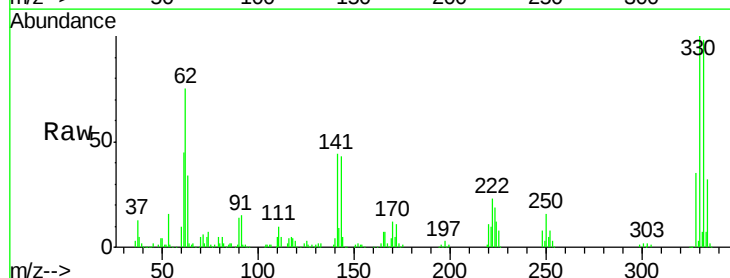


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

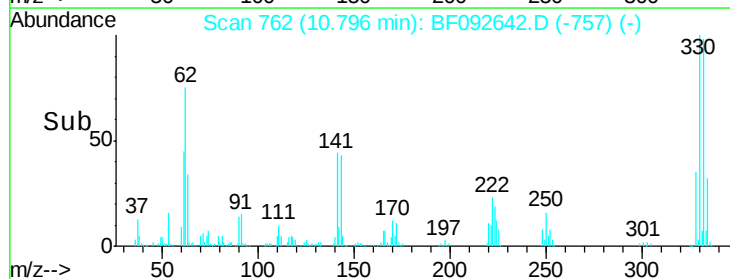
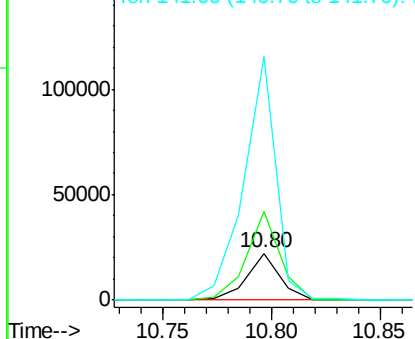


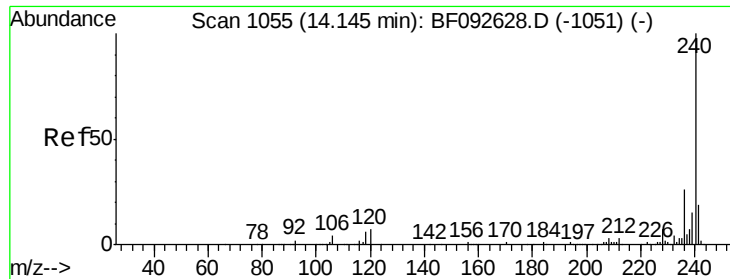
#66
 4-Bromophenyl-phenylether
 Concen: 3.59 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.24 min
 Lab File: BF092642.D
 Acq: 30 Jan 2017 19:16

Tgt Ion:248 Resp: 23573
 Ion Ratio Lower Upper
 248 100
 250 189.8 76.9 115.3#
 141 520.6 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: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092642.D

Acq: 30 Jan 2017 19:16

Instrument :

BNA_F

ClientSampleId :

PB96532BL

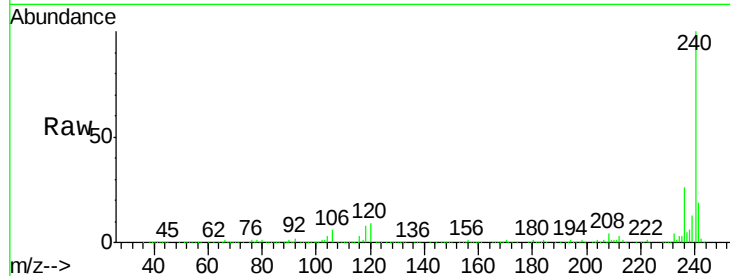
Tgt Ion:240 Resp: 590776

Ion Ratio Lower Upper

240 100

120 9.1 12.9 19.3#

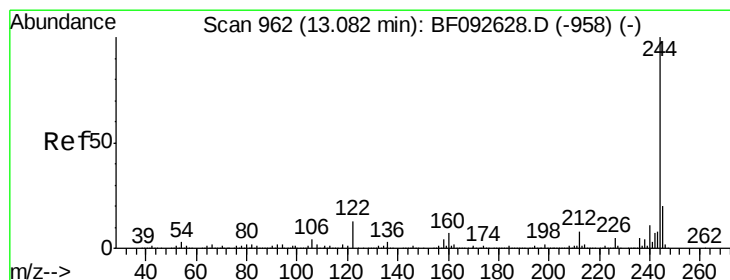
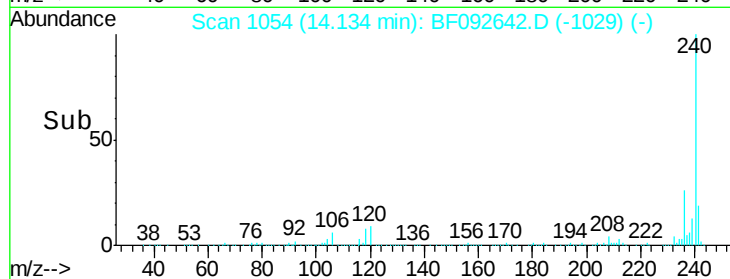
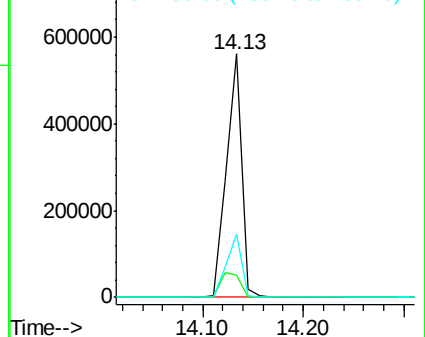
236 26.0 20.9 31.3



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: 62.89 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092642.D

Acq: 30 Jan 2017 19:16

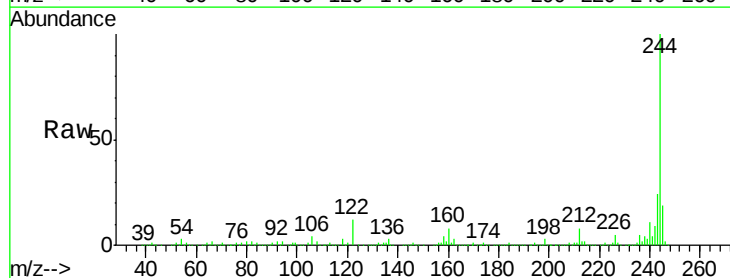
Tgt Ion:244 Resp: 1581300

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

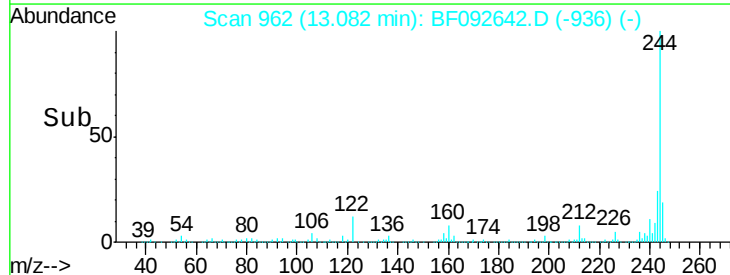
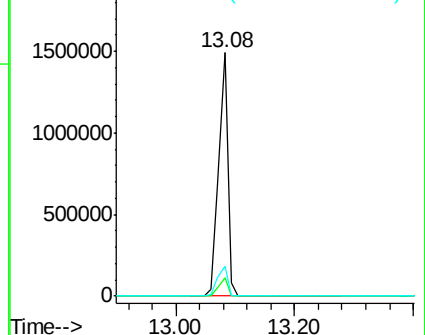
122 12.4 11.4 17.2

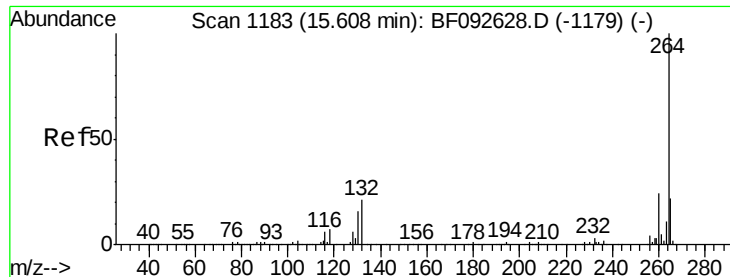


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

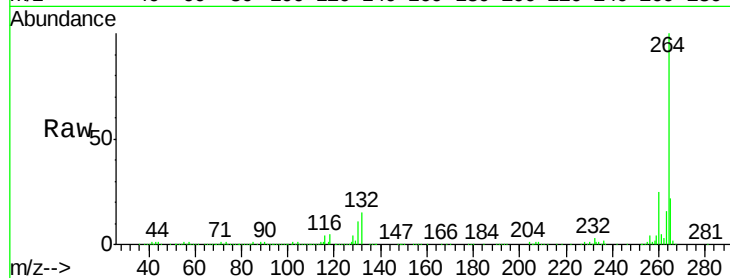




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF092642.D
Acq: 30 Jan 2017 19:16

Instrument :
BNA_F
ClientSampleId :
PB96532BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	21.6	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

