

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021417\
 Data File : BF092941.D
 Acq On : 14 Feb 2017 13:59
 Operator : SJ/MA
 Sample : PB96923BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 14:33:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

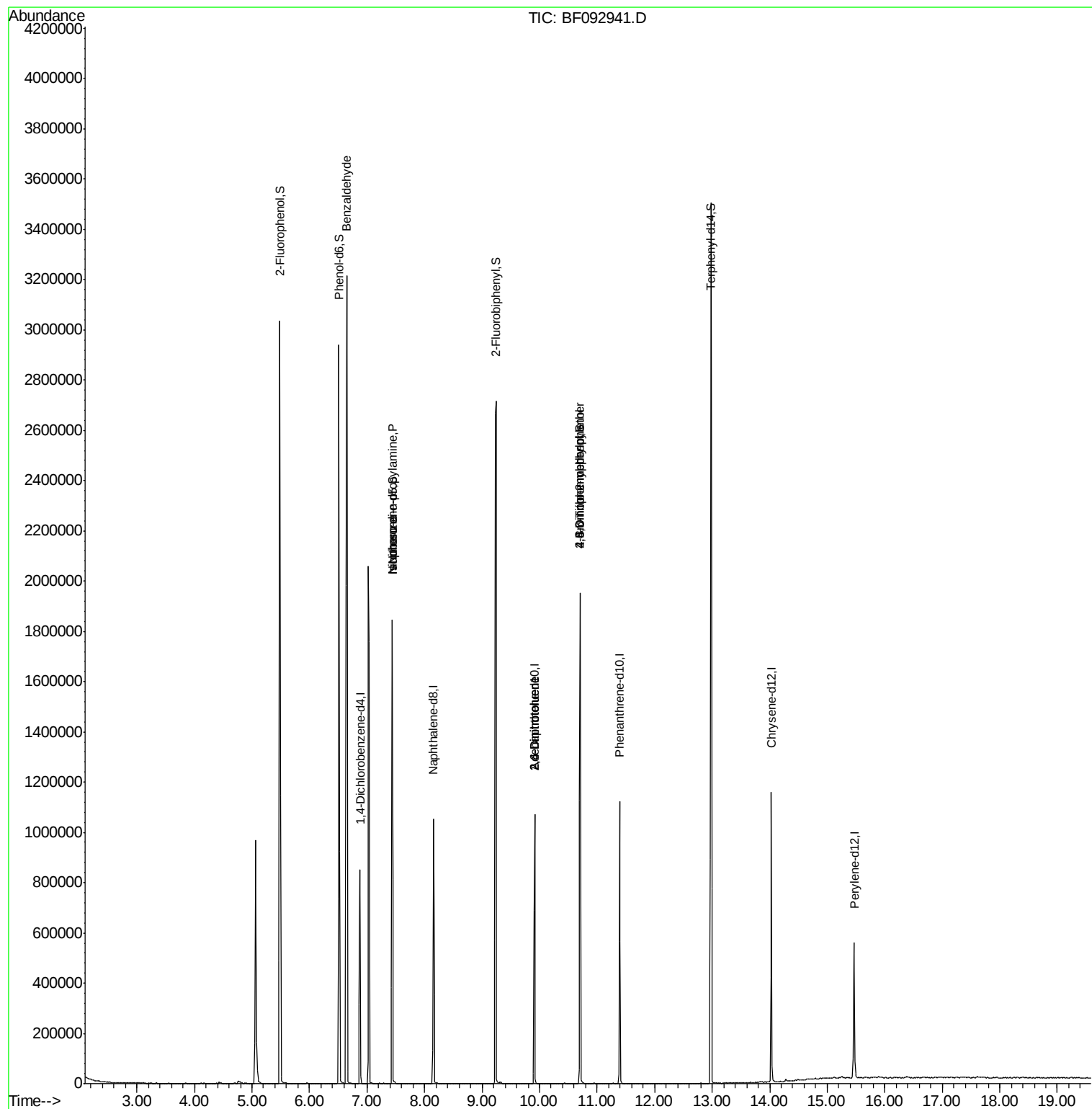
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	140333	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	530036	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	302801	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	476465	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	419324	20.00	ng	-0.02
86) Perylene-d12	15.47	264	294592	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	925848	113.19	ng	0.00
7) Phenol-d6	6.51	99	1148725	109.15	ng	-0.02
23) Nitrobenzene-d5	7.44	82	720048	75.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	260485	118.94	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1444954	86.45	ng	0.00
78) Terphenyl-d14	12.98	244	1173108	65.73	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.65	77	22731	3.01	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.44	70	92497	13.81	ng	# 82
25) Isophorone	7.44	82	631734	35.62	ng	# 65
50) 2,6-Dinitrotoluene	9.92	165	39123	8.88	ng	# 29
56) 2,4-Dinitrotoluene	9.92	165	39116	6.67	ng	# 18
64) 4,6-Dinitro-2-methylphenol	10.70	198	635	2.88	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	20198	4.06	ng	# 1

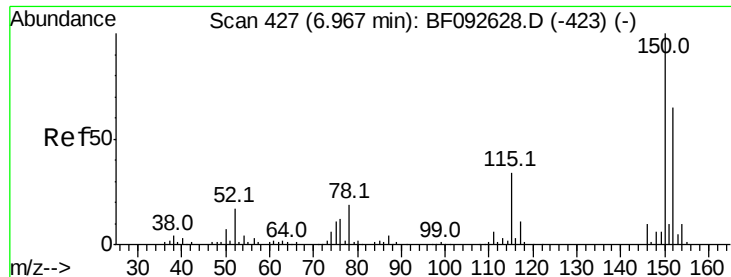
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021417\
Data File : BF092941.D
Acq On : 14 Feb 2017 13:59
Operator : SJ/MA
Sample : PB96923BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 14 14:33:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration



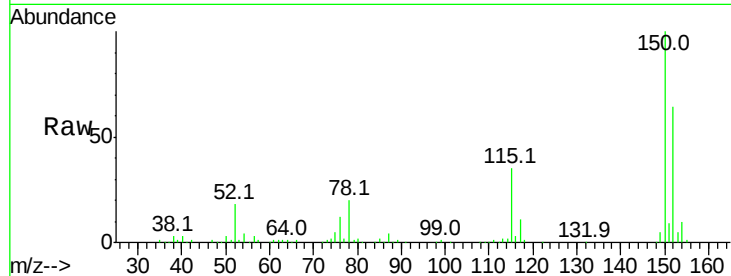


#1

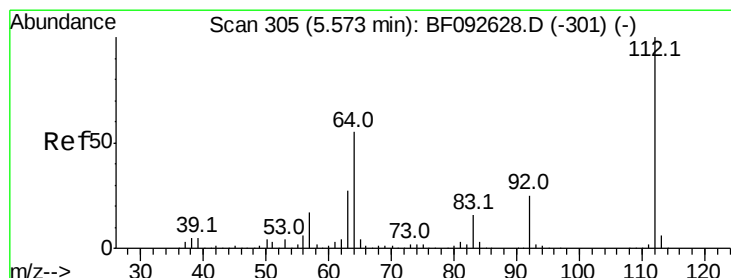
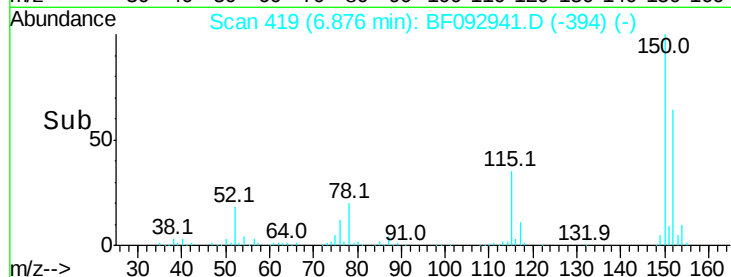
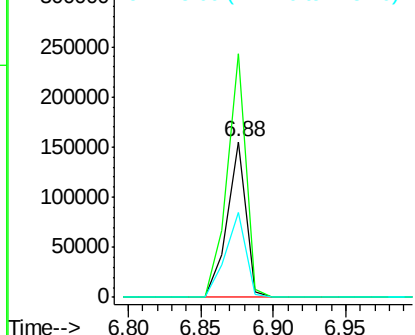
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092941.D
Acq: 14 Feb 2017 13:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 140333
Ion Ratio Lower Upper
152 100
150 156.6 124.9 187.3
115 54.5 46.0 69.0



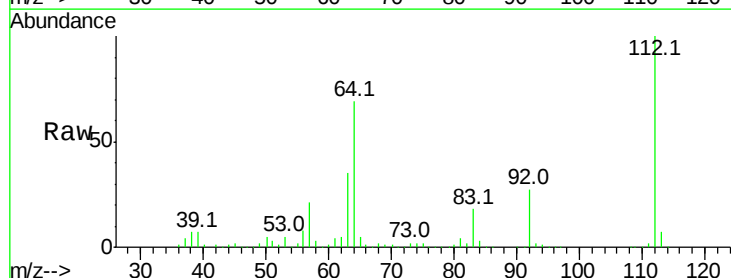
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



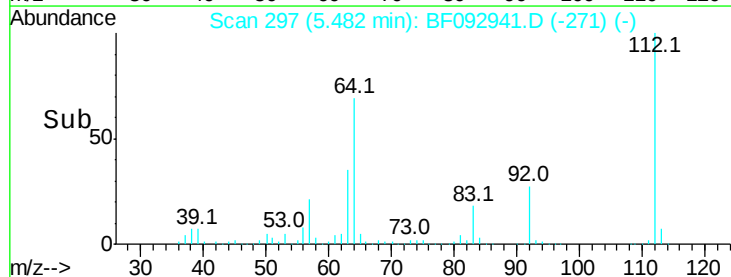
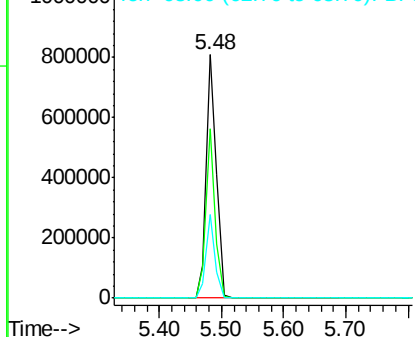
#5

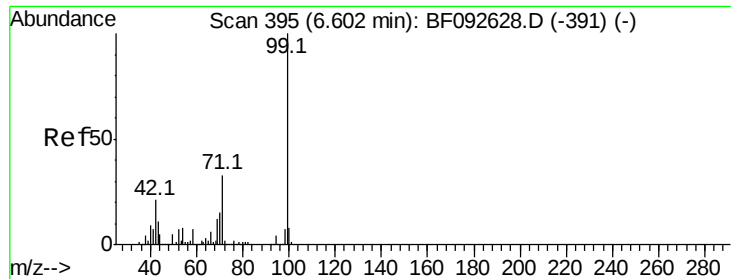
2-Fluorophenol
Concen: 113.19 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF092941.D
Acq: 14 Feb 2017 13:59

Tgt Ion:112 Resp: 925848
Ion Ratio Lower Upper
112 100
64 69.4 46.1 69.1#
63 34.6 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: 109.15 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092941.D

Acq: 14 Feb 2017 13:59

Instrument :

BNA_F

ClientSampled :

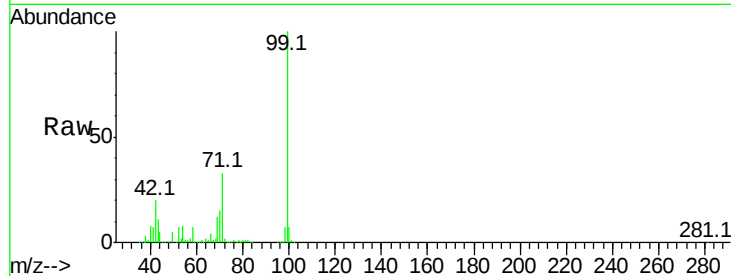
Tot Ion: 99 Resp: 1148725

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

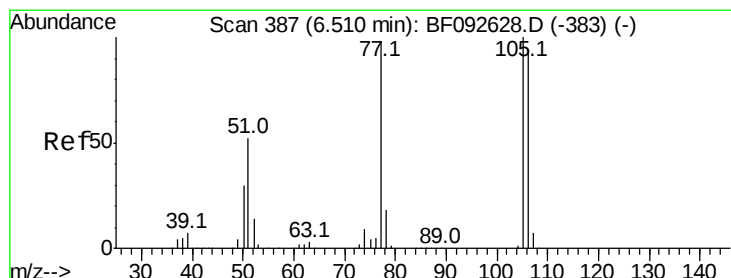
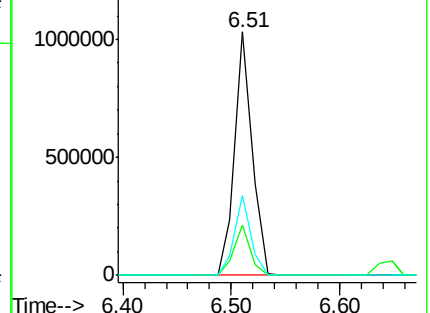
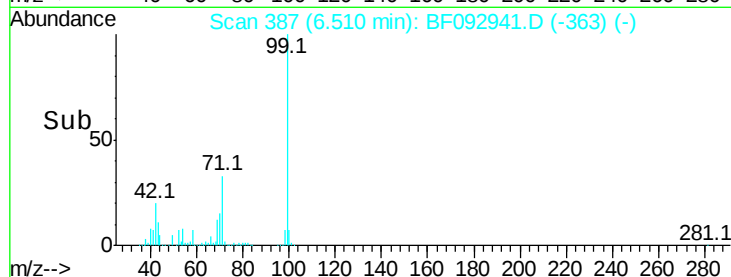
71 32.8 27.5 41.3



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



#9

Benzaldehyde

Concen: 3.01 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.22 min

Lab File: BF092941.D

Acq: 14 Feb 2017 13:59

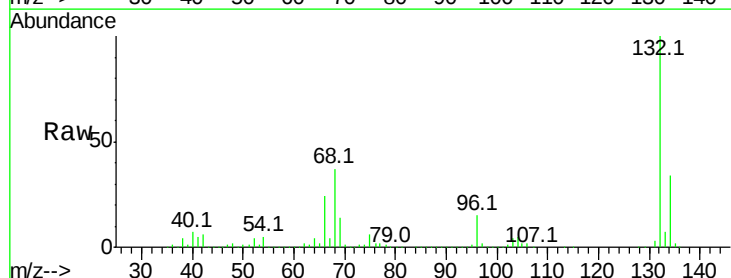
Tgt Ion: 77 Resp: 22731

Ion Ratio Lower Upper

77 100

105 86.8 83.9 123.9

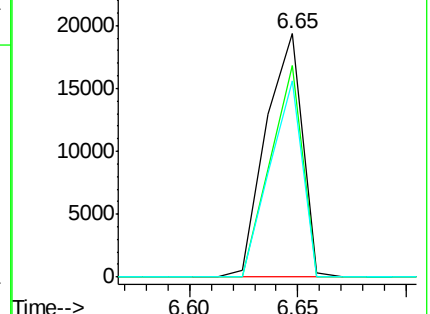
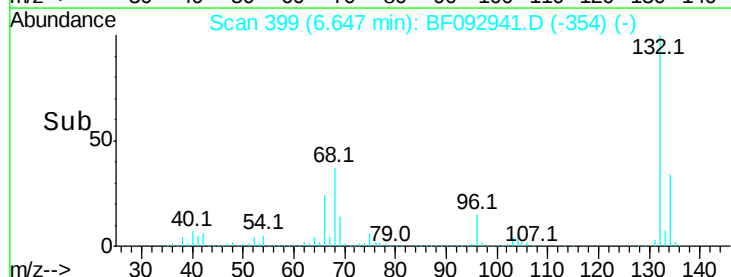
106 80.5 77.6 117.6

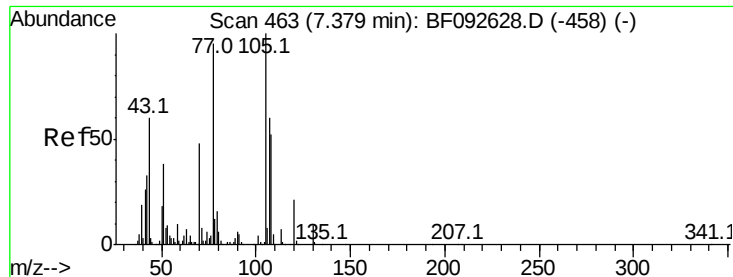


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

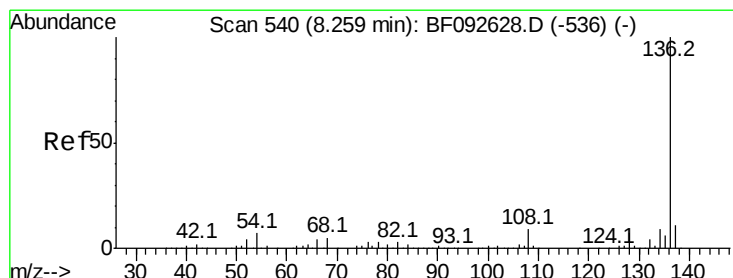
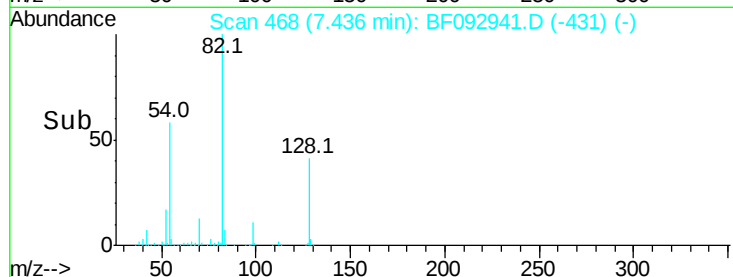
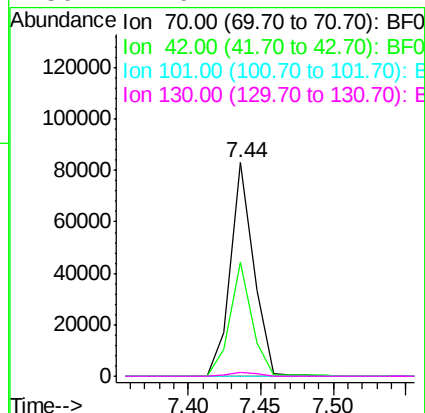
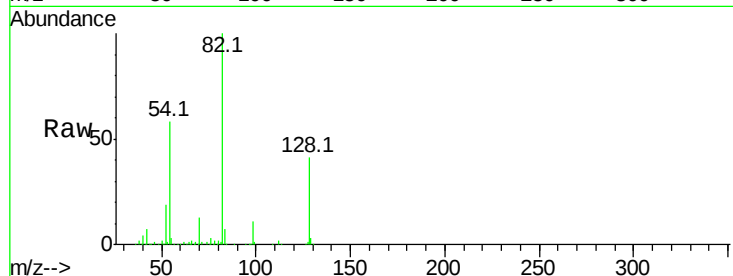




#19
n-Nitroso-di-n-propylamine
Concen: 13.81 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.13 min
Lab File: BF092941.D
Acq: 14 Feb 2017 13:59

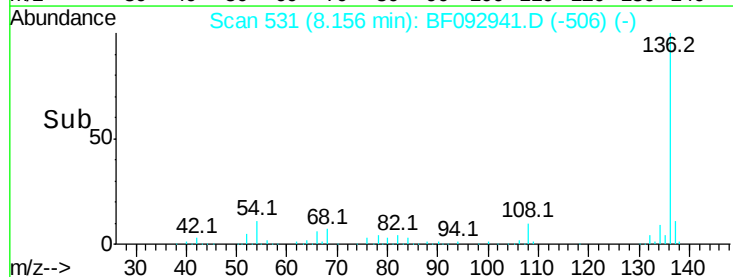
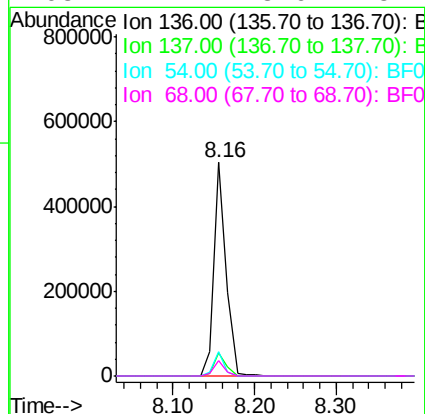
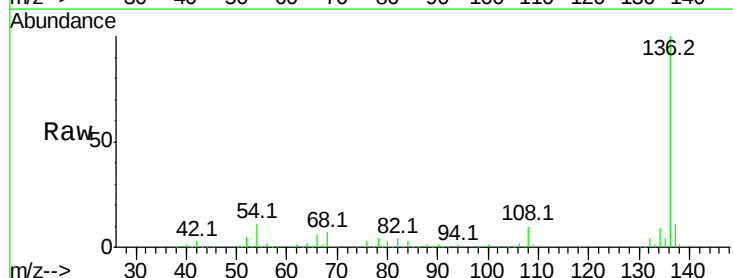
Instrument :
BNA_F
ClientSampleId :

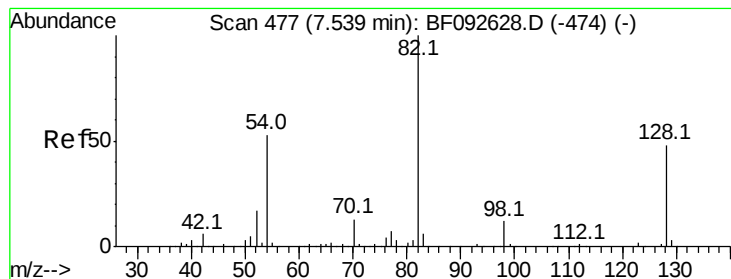
Tot Ion: 70 Resp: 92497
Ion Ratio Lower Upper
70 100
42 53.3 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092941.D
Acq: 14 Feb 2017 13:59

Tgt Ion: 136 Resp: 530036
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 11.4 4.5 6.7#
68 7.4 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 75.65 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF092941.D

Acq: 14 Feb 2017 13:59

Instrument :

BNA_F

ClientSampled :

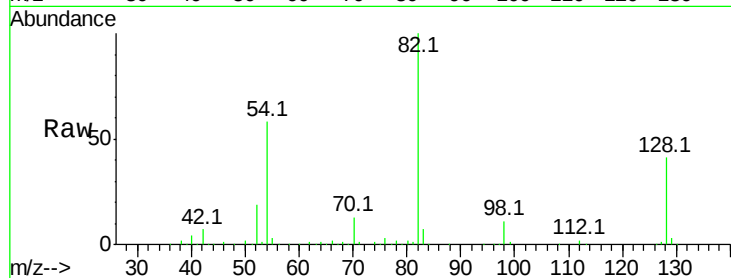
Tot Ion: 82 Resp: 720048

Ion Ratio Lower Upper

82 100

128 40.6 34.6 52.0

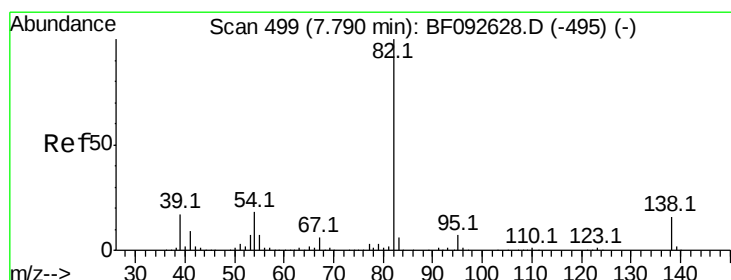
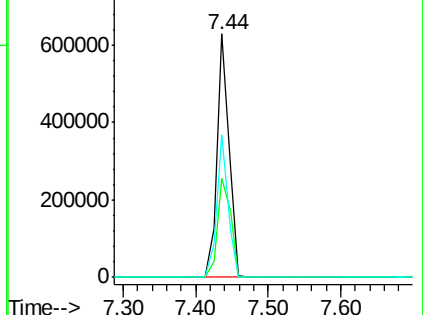
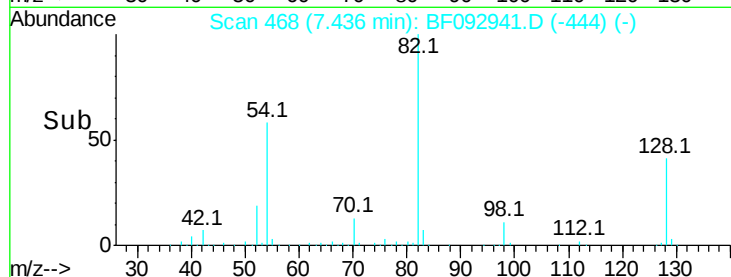
54 58.4 39.5 59.3



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: 35.62 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF092941.D

Acq: 14 Feb 2017 13:59

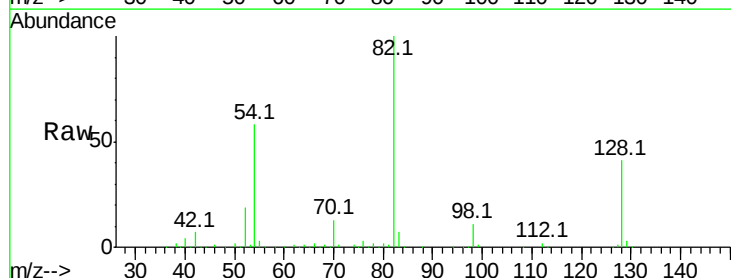
Tgt Ion: 82 Resp: 631734

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

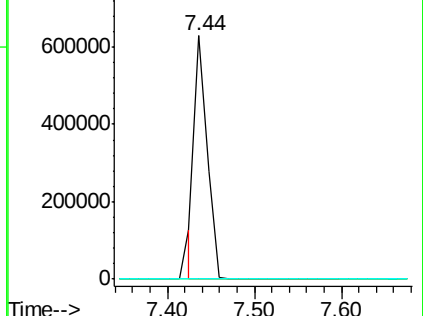
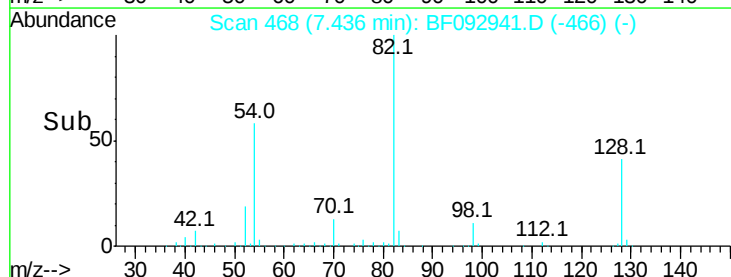
138 0.0 14.6 22.0#

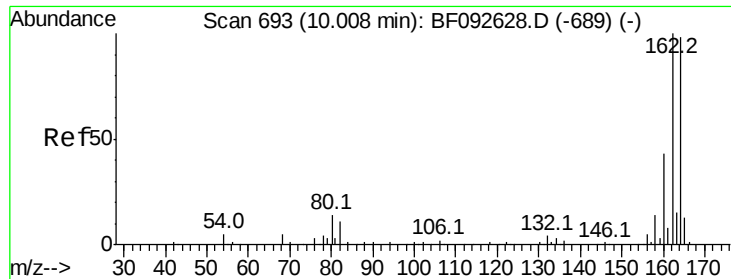


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

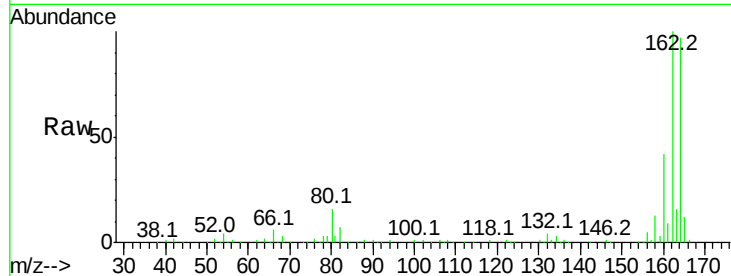




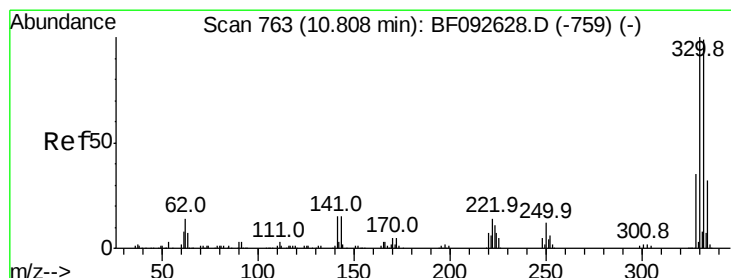
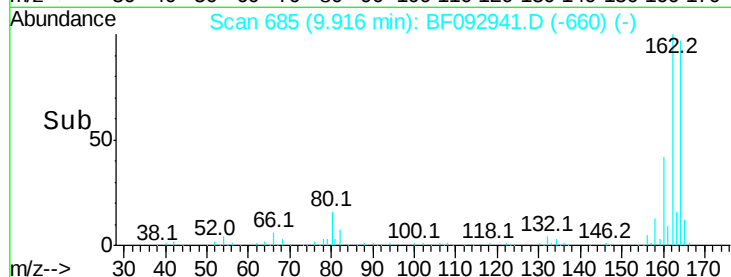
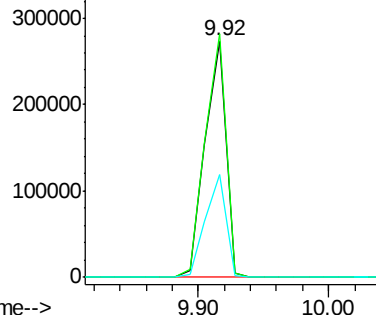
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092941.D
Acq: 14 Feb 2017 13:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 302801
Ion Ratio Lower Upper
164 100
162 103.0 80.2 120.2
160 43.2 36.9 55.3

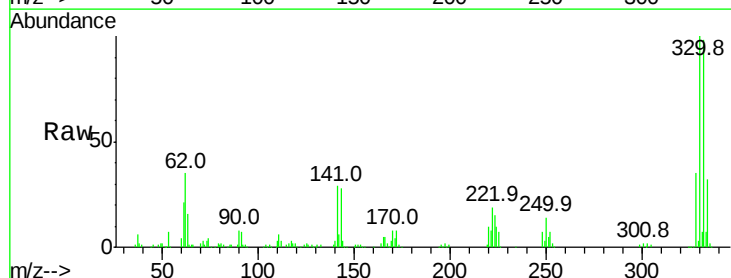


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

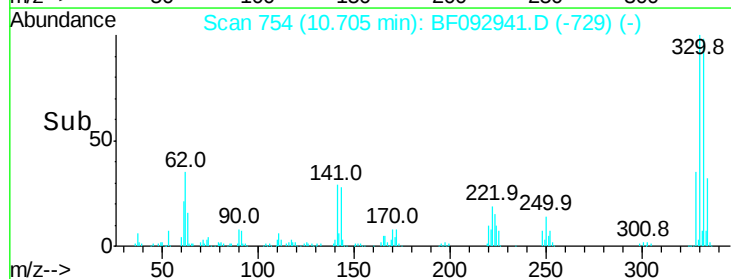
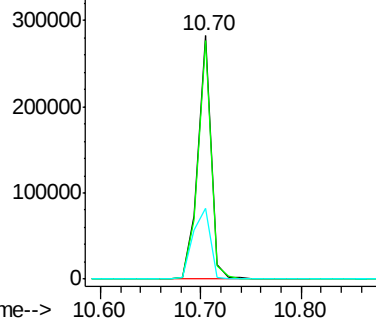


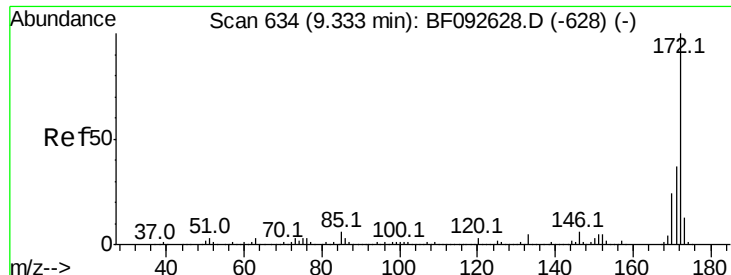
#41
2,4,6-Tribromophenol
Concen: 118.94 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF092941.D
Acq: 14 Feb 2017 13:59

Tgt Ion:330 Resp: 260485
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.2
141 38.0 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



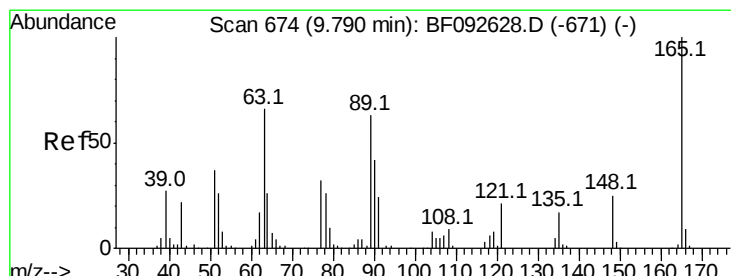
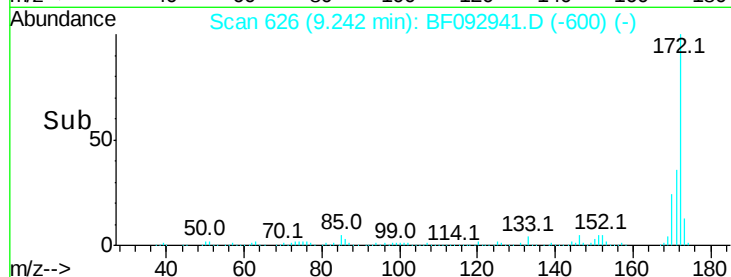
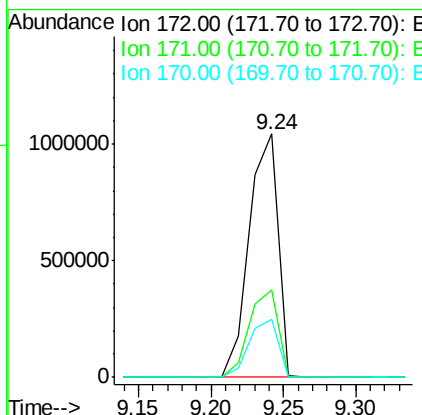
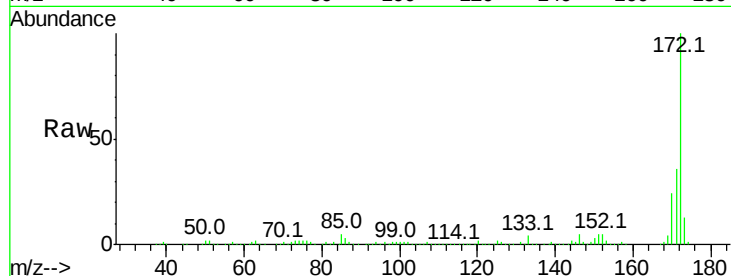


#44
 2-Fluorobiphenyl
 Concen: 86.45 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092941.D
 Acq: 14 Feb 2017 13:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1444954

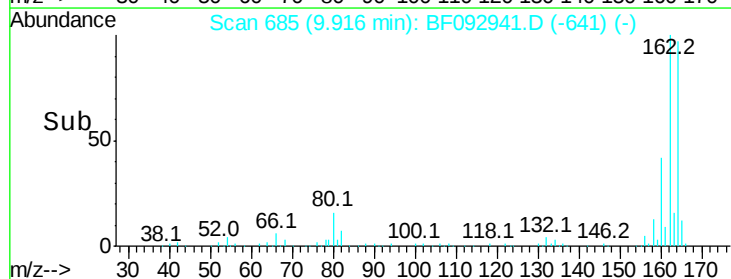
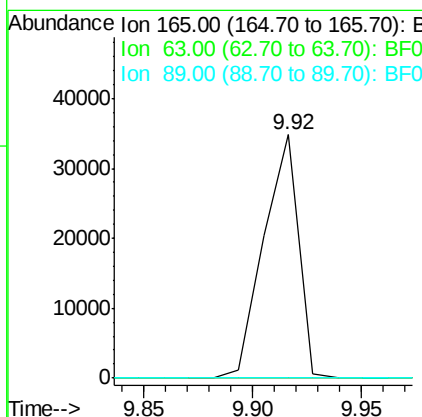
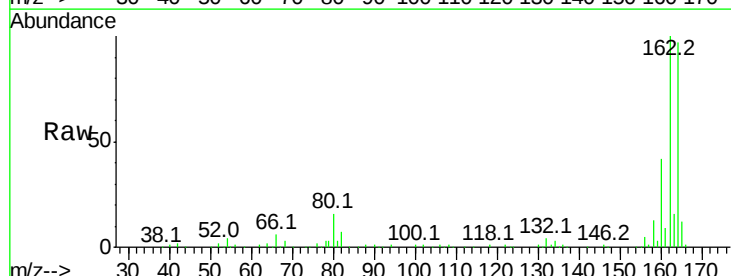
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.1	20.2	30.4

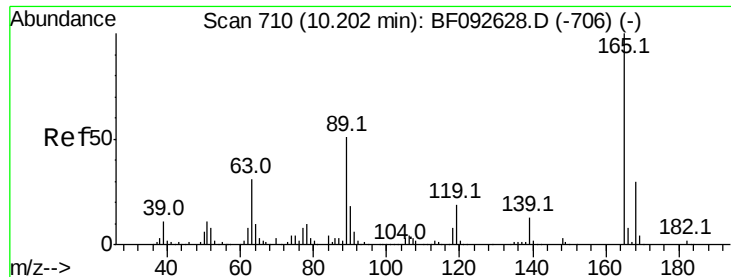


#50
 2,6-Dinitrotoluene
 Concen: 8.88 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.21 min
 Lab File: BF092941.D
 Acq: 14 Feb 2017 13:59

Tgt Ion:165 Resp: 39123

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	0.0	40.2	60.4#





#56

2,4-Dinitrotoluene

Concen: 6.67 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.21 min

Lab File: BF092941.D

Acq: 14 Feb 2017 13:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 39116

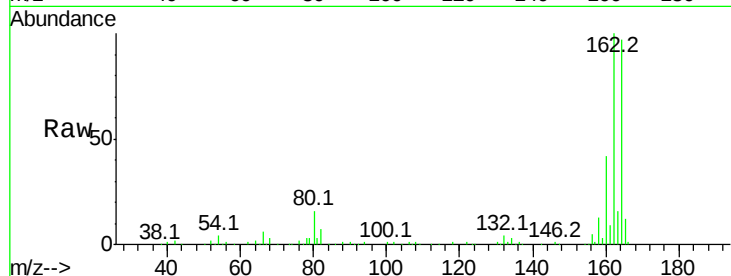
Ion Ratio Lower Upper

165 100

63 0.0 40.2 60.4#

89 0.0 62.5 93.7#

182 0.0 1.8 2.8#

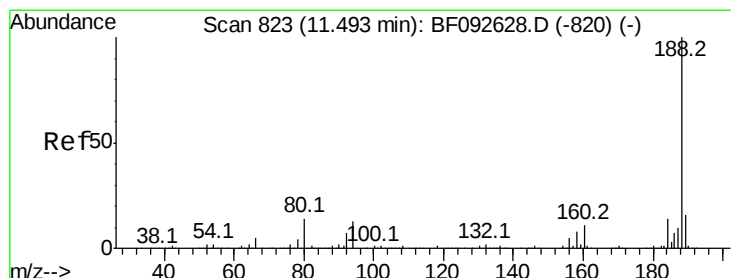
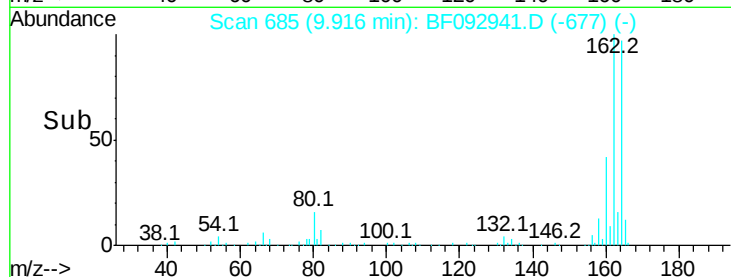
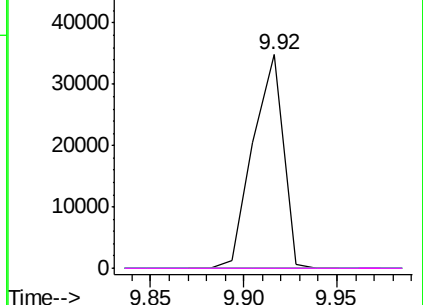


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF092941.D

Acq: 14 Feb 2017 13:59

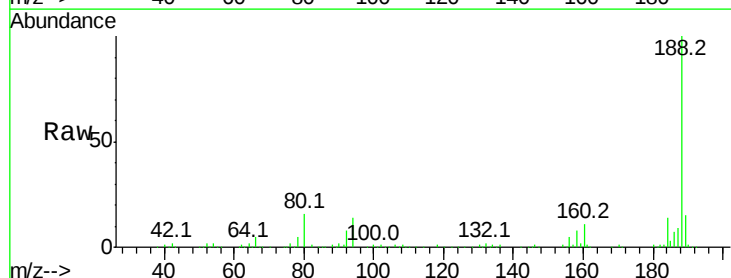
Tgt Ion:188 Resp: 476465

Ion Ratio Lower Upper

188 100

94 14.4 10.0 15.0

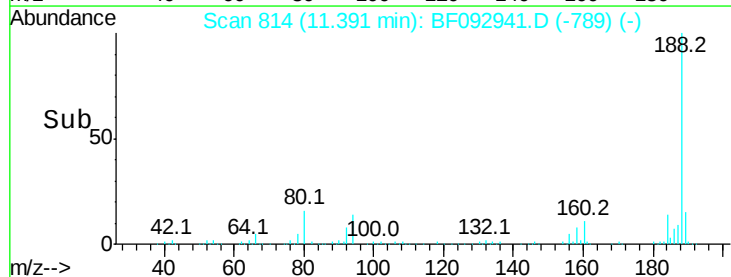
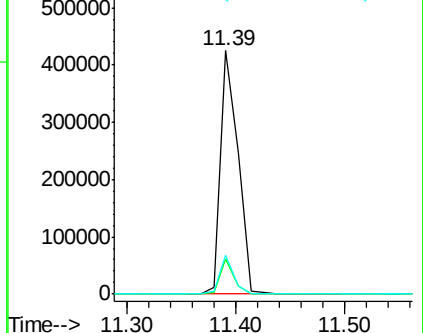
80 15.8 11.2 16.8

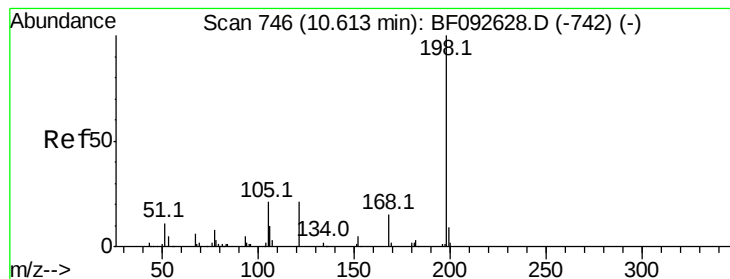


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.88 ng

RT: 10.70 min Scan# 754

Delta R.T. 0.17 min

Lab File: BF092941.D

Acq: 14 Feb 2017 13:59

Instrument :

BNA_F

ClientSampled :

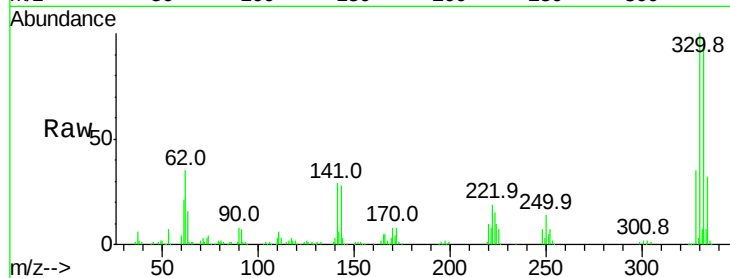
Tot Ion:198 Resp: 635

Ion Ratio Lower Upper

198 100

51 147.4 6.7 46.7#

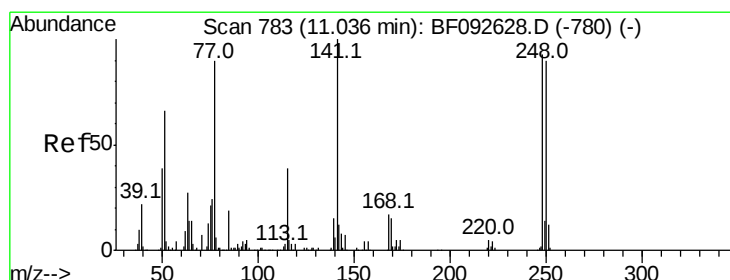
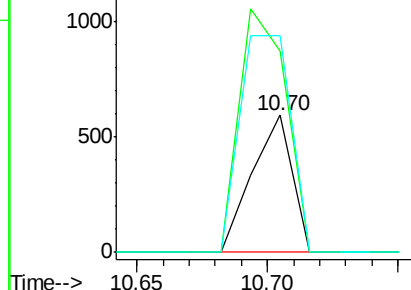
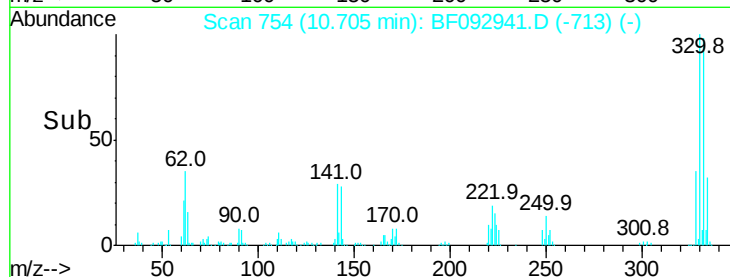
105 158.3 16.6 56.6#



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: 4.06 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.25 min

Lab File: BF092941.D

Acq: 14 Feb 2017 13:59

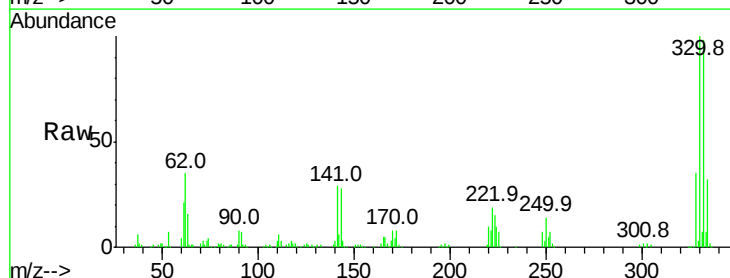
Tgt Ion:248 Resp: 20198

Ion Ratio Lower Upper

248 100

250 192.7 76.9 115.3#

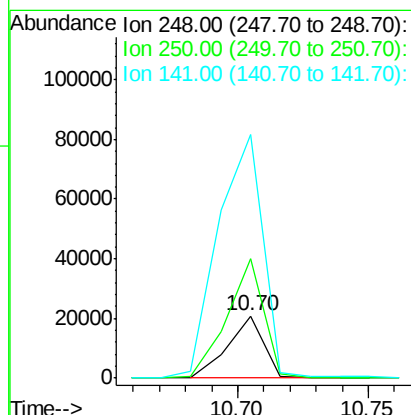
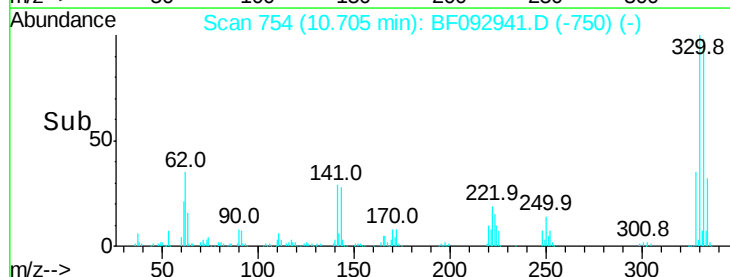
141 393.0 68.2 102.4#

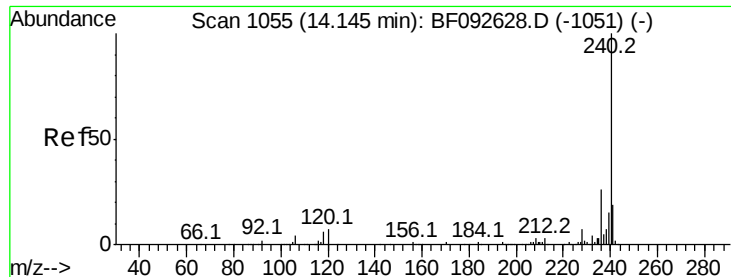


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092941.D

Acq: 14 Feb 2017 13:59

Instrument :

BNA_F

ClientSampleId :

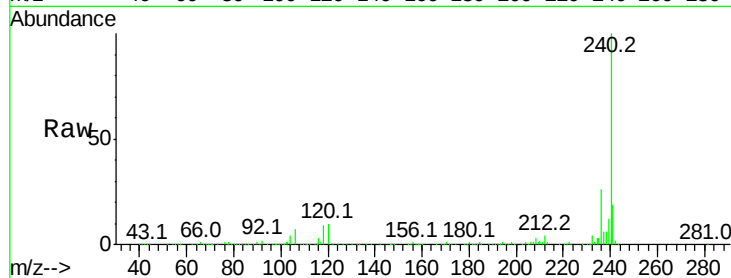
Tot Ion:240 Resp: 419324

Ion Ratio Lower Upper

240 100

120 10.3 12.9 19.3#

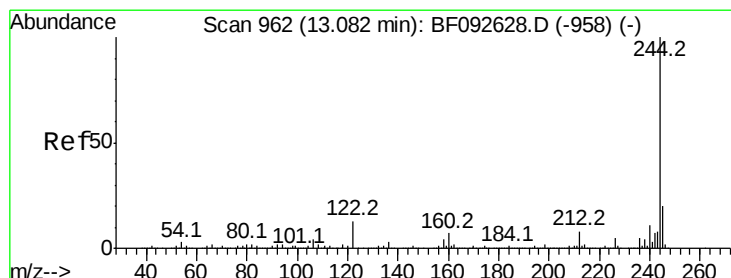
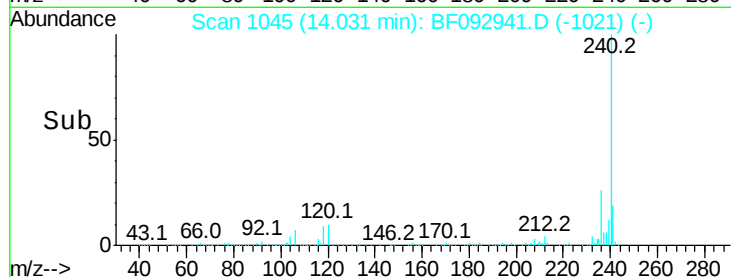
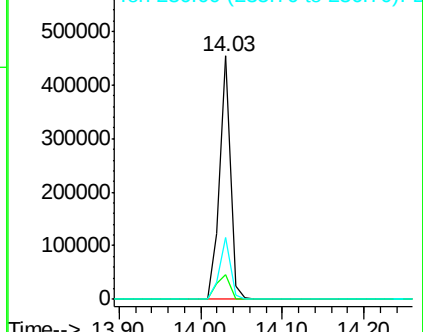
236 25.7 20.9 31.3



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: 65.73 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092941.D

Acq: 14 Feb 2017 13:59

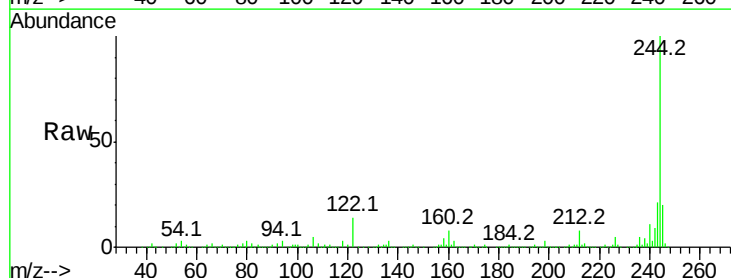
Tgt Ion:244 Resp: 1173108

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

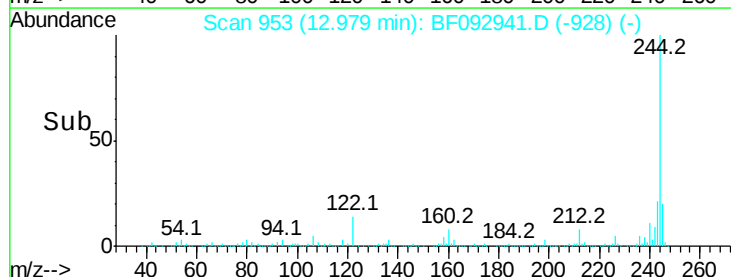
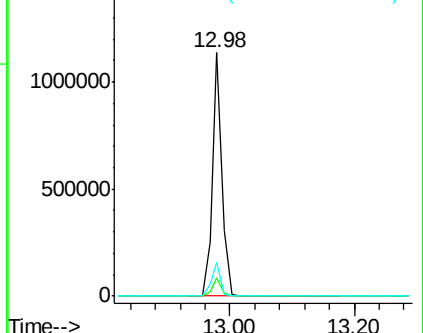
122 14.0 11.4 17.2

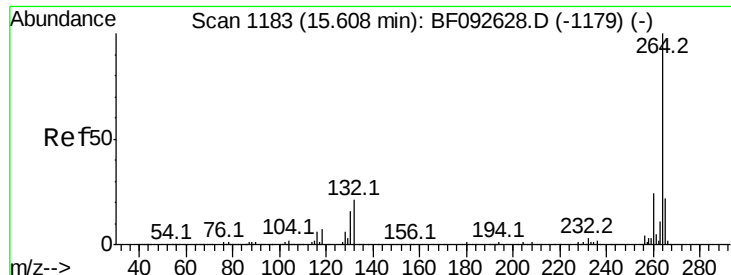


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

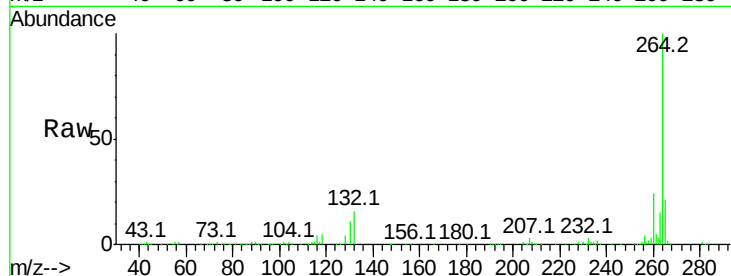




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF092941.D
Acq: 14 Feb 2017 13:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.0	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

