

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092533.D
 Acq On : 26 Jan 2017 19:09
 Operator : SJ/MA
 Sample : PB96282BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96282BL

Quant Time: Jan 27 00:11:02 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

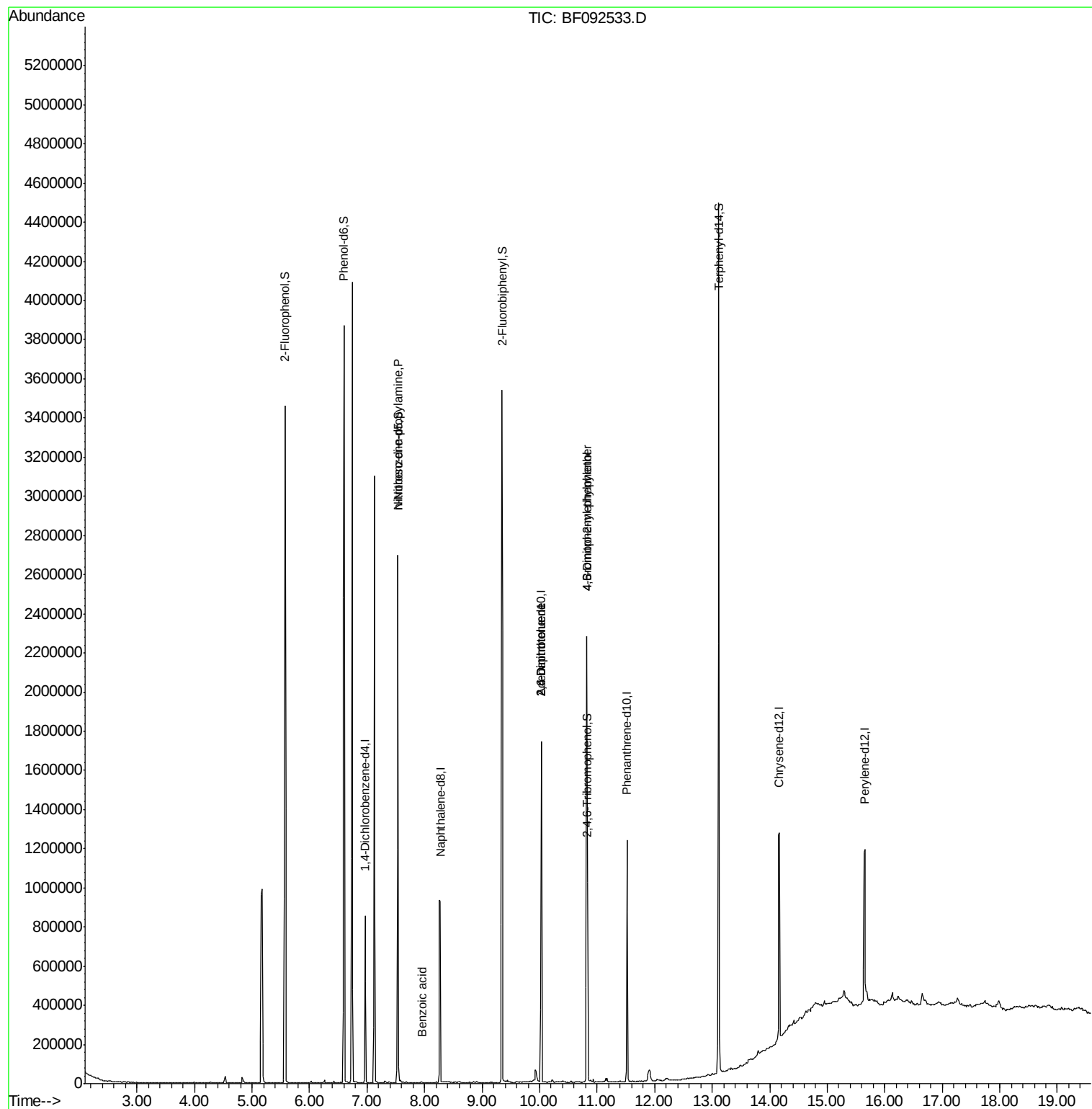
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	154325	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	647055	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	364820	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	597346	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	568143	20.00	ng	0.00
86) Perylene-d12	15.65	264	479804	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1129253	113.85	ng	0.02
7) Phenol-d6	6.60	99	1623841	128.52	ng	0.01
23) Nitrobenzene-d5	7.54	82	935450	78.97	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	326403	131.29	ng	0.01
44) 2-Fluorobiphenyl	9.34	172	1596923	80.94	ng	-0.01
78) Terphenyl-d14	13.12	244	1547924	72.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	126003	14.64	ng	# 82
32) Benzoic acid	7.95	122	1456	4.86	ng	# 89
50) 2,6-Dinitrotoluene	10.03	165	46373	9.78	ng	# 31
56) 2,4-Dinitrotoluene	10.03	165	46375	7.37	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.82	198	573	5.11	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	22933	3.80	ng	# 1

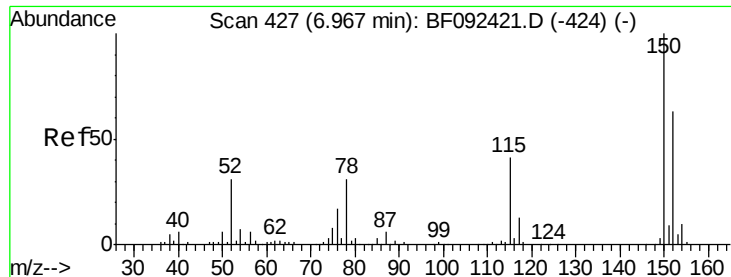
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092533.D

Acq: 26 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96282BL

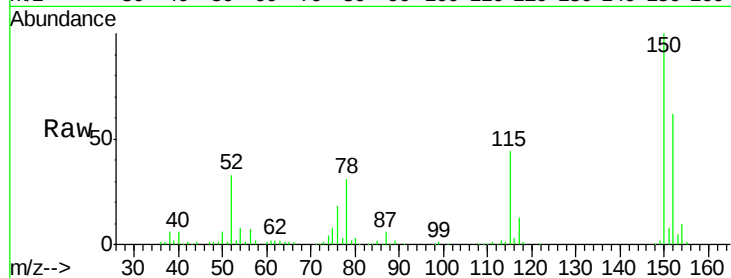
Tgt Ion:152 Resp: 154325

Ion Ratio Lower Upper

152 100

150 162.5 124.9 187.3

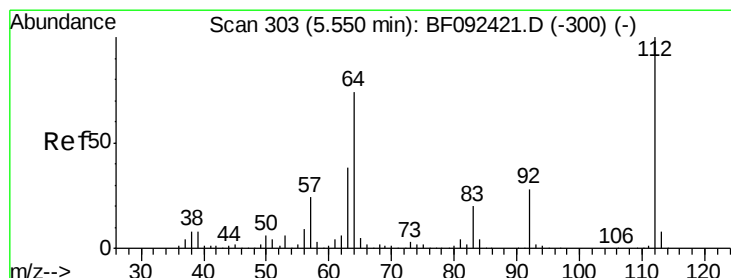
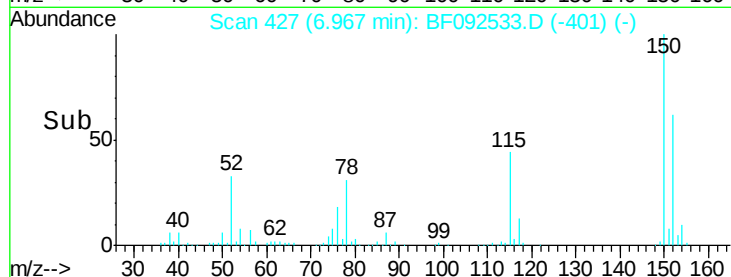
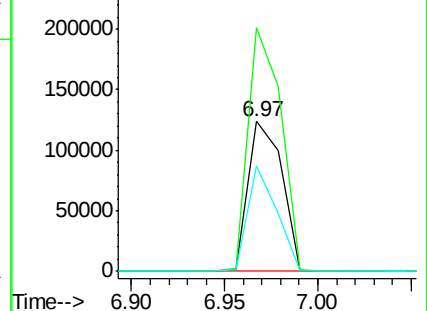
115 70.8 46.0 69.0#



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: 113.85 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092533.D

Acq: 26 Jan 2017 19:09

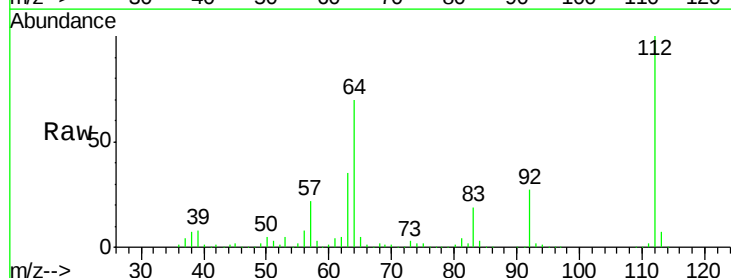
Tgt Ion:112 Resp: 1129253

Ion Ratio Lower Upper

112 100

64 70.0 46.1 69.1#

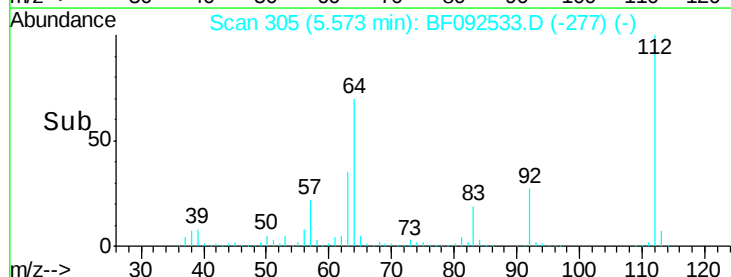
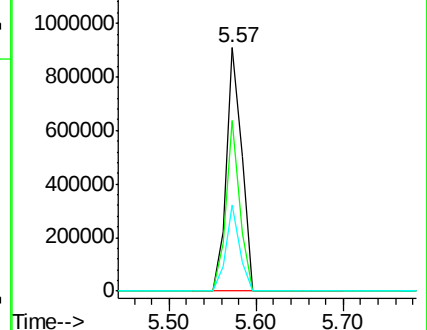
63 35.3 23.8 35.6

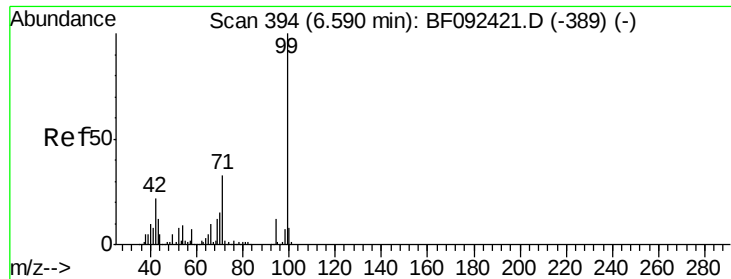


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.52 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092533.D

Acq: 26 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96282BL

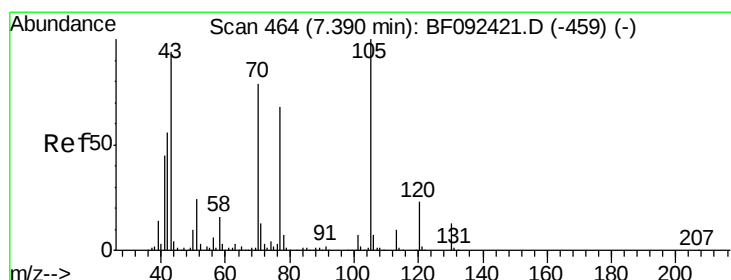
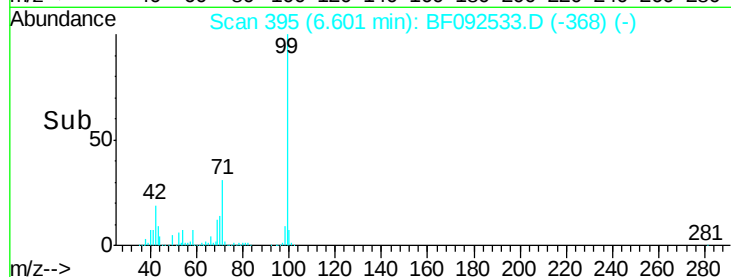
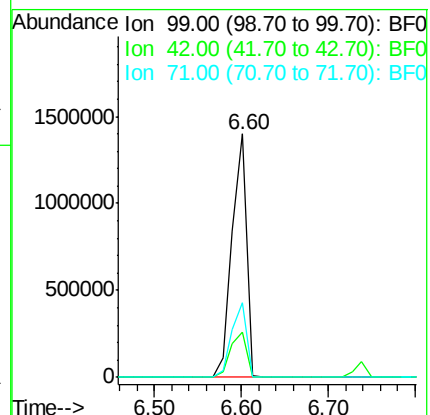
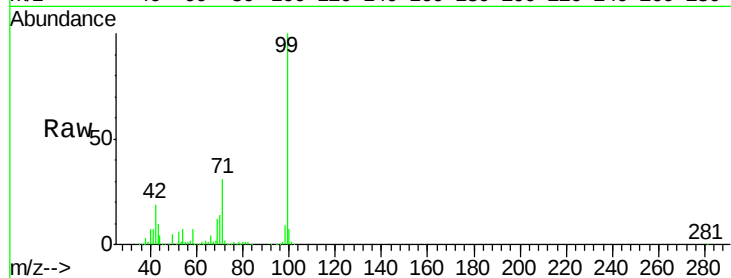
Tgt Ion: 99 Resp: 1623841

Ion Ratio Lower Upper

99 100

42 18.5 15.6 23.4

71 30.7 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.64 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF092533.D

Acq: 26 Jan 2017 19:09

Tgt Ion: 70 Resp: 126003

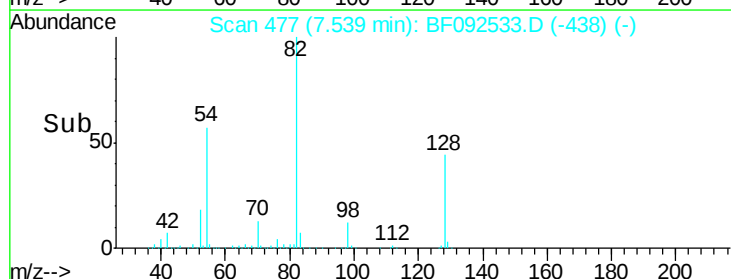
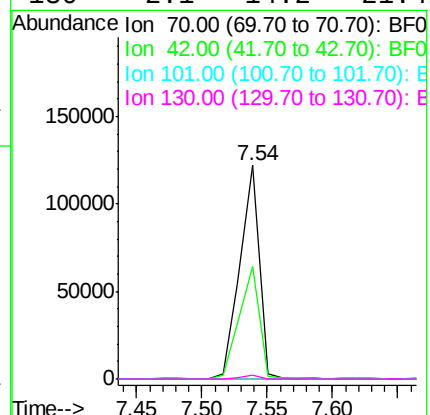
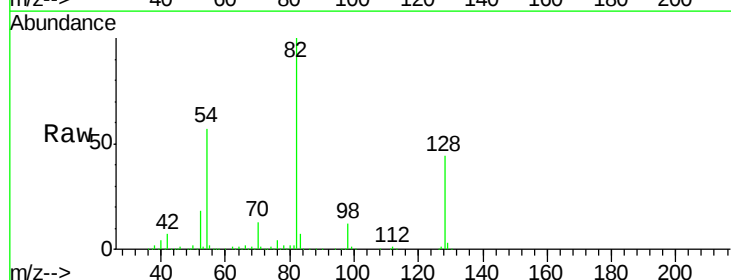
Ion Ratio Lower Upper

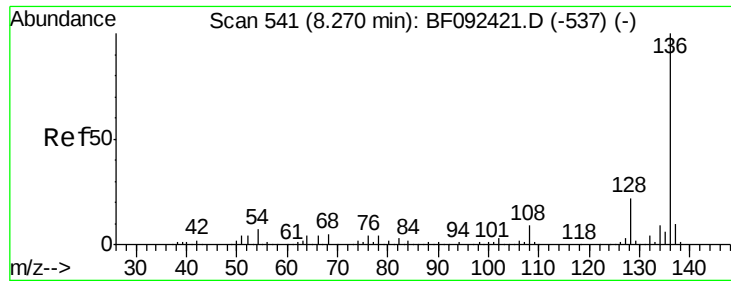
70 100

42 52.6 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

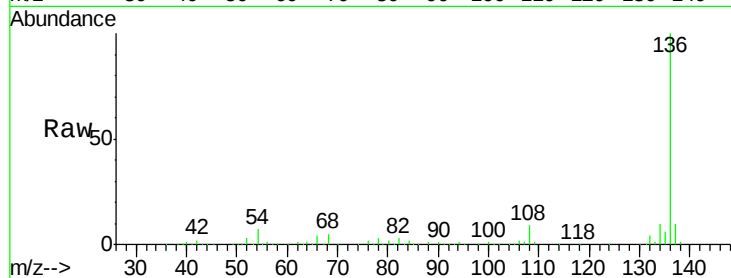




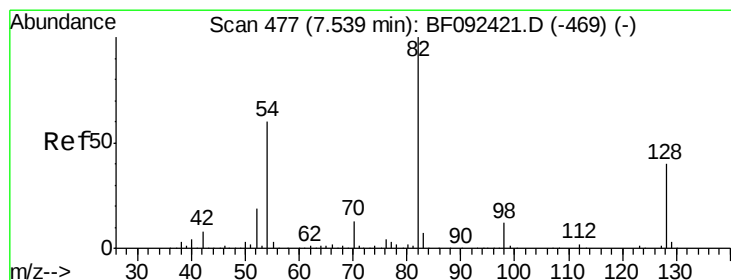
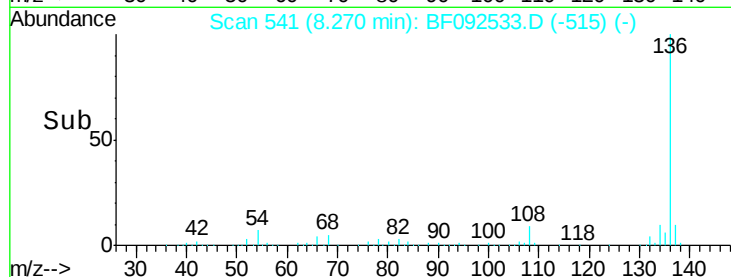
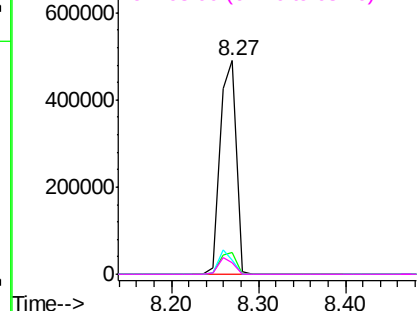
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092533.D
Acq: 26 Jan 2017 19:09

Instrument :
BNA_F
ClientSampleId :
PB96282BL

Tgt Ion:	136	Resp:	647055
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	6.9	4.5	6.7#
68	5.3	3.6	5.4

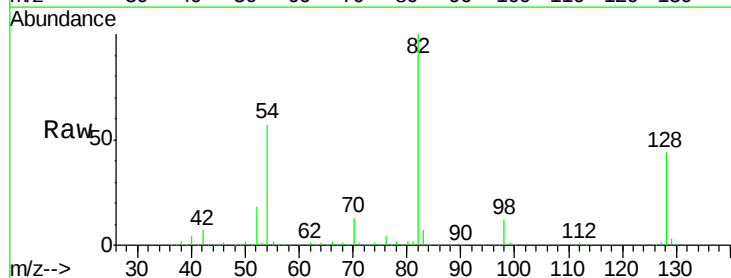


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

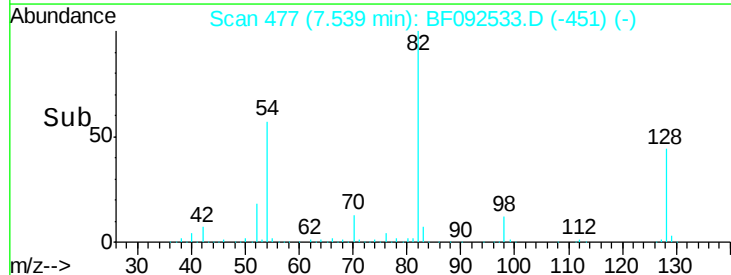
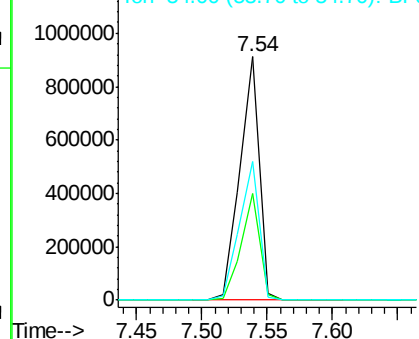


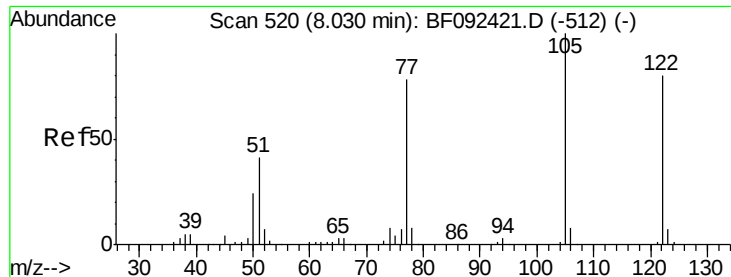
#23
Nitrobenzene-d5
Concen: 78.97 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092533.D
Acq: 26 Jan 2017 19:09

Tgt Ion:	82	Resp:	935450
Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	52.0
54	56.9	39.5	59.3



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





#32

Benzoic acid

Concen: 4.86 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.08 min

Lab File: BF092533.D

Acq: 26 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96282BL

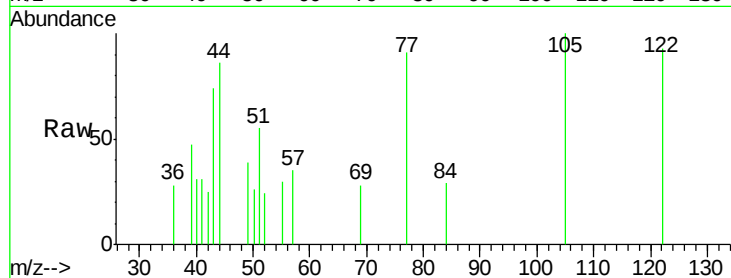
Tgt Ion:122 Resp: 1456

Ion Ratio Lower Upper

122 100

105 107.2 107.2 147.2#

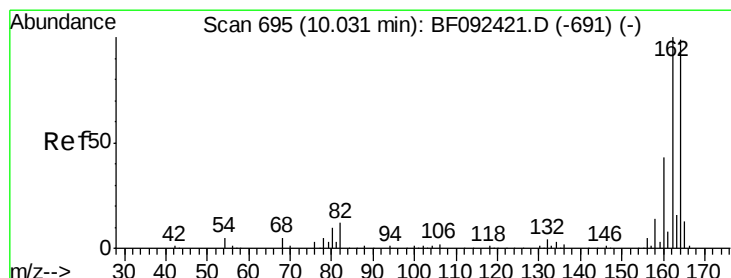
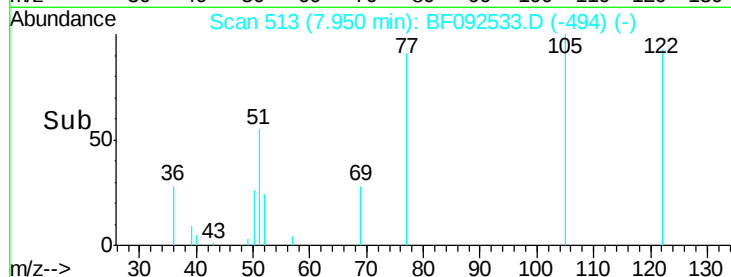
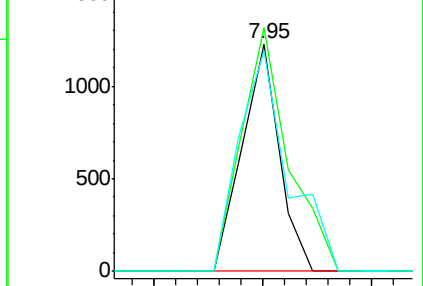
77 97.3 74.5 114.5



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: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092533.D

Acq: 26 Jan 2017 19:09

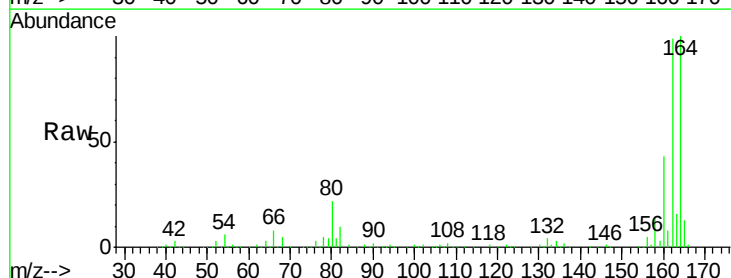
Tgt Ion:164 Resp: 364820

Ion Ratio Lower Upper

164 100

162 99.4 80.2 120.2

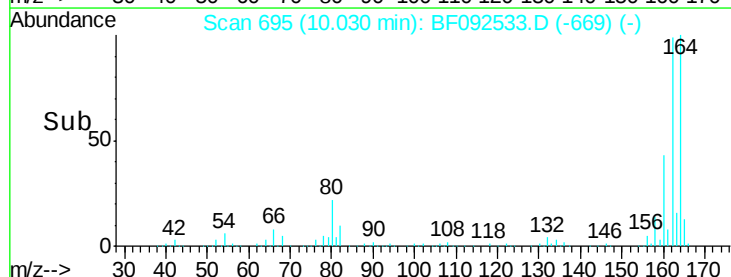
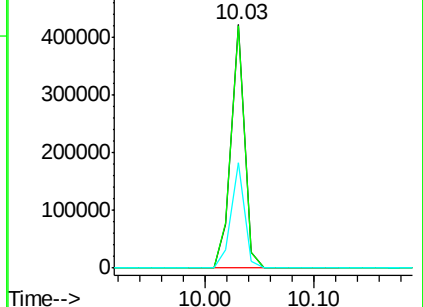
160 43.2 36.9 55.3

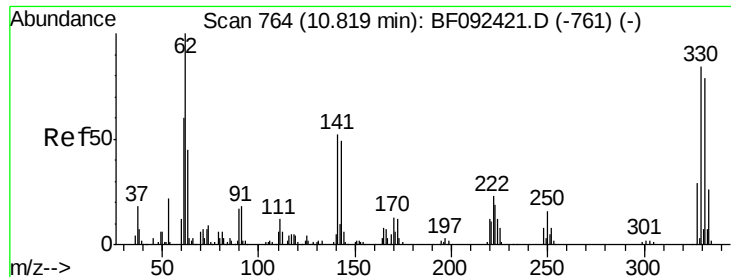


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

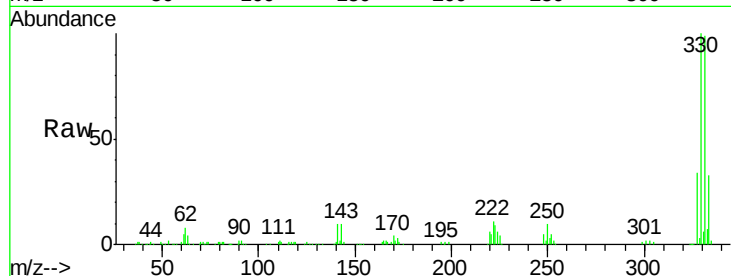




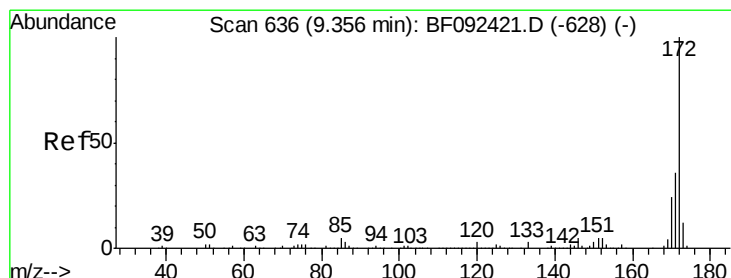
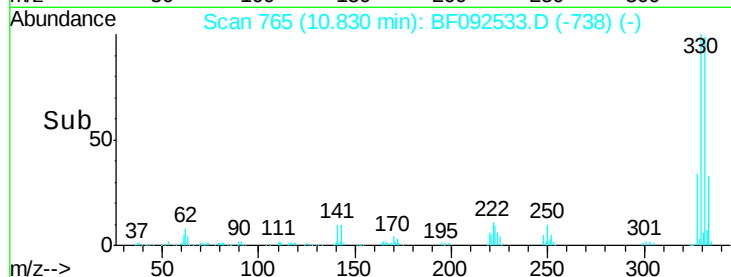
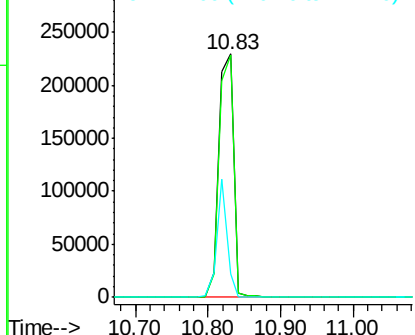
#41
 2,4,6-Tribromophenol
 Concen: 131.29 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092533.D
 Acq: 26 Jan 2017 19:09

Instrument :
 BNA_F
 ClientSampleId :
 PB96282BL

Tgt Ion:330 Resp: 326403
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 34.0 34.1 51.1#

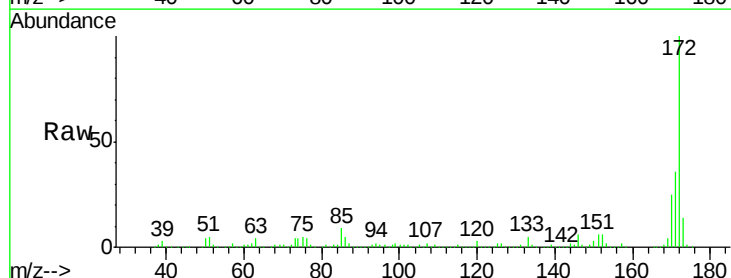


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

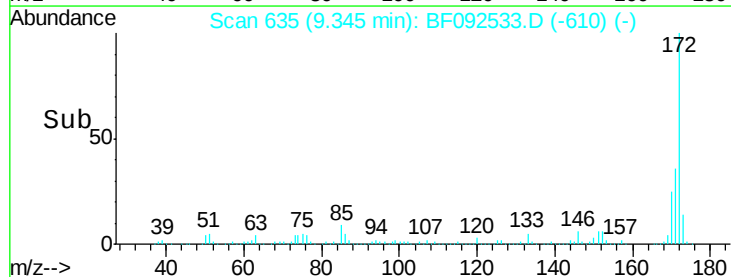
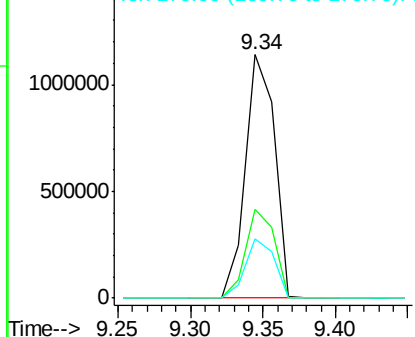


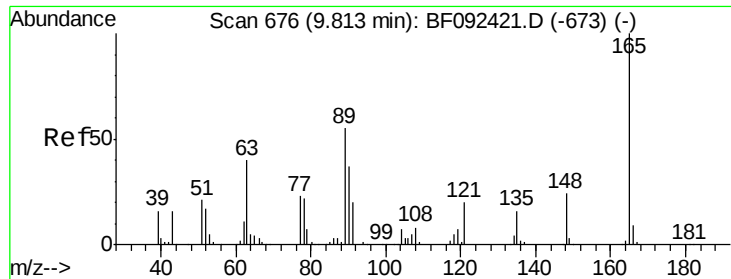
#44
 2-Fluorobiphenyl
 Concen: 80.94 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092533.D
 Acq: 26 Jan 2017 19:09

Tgt Ion:172 Resp: 1596923
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.5 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

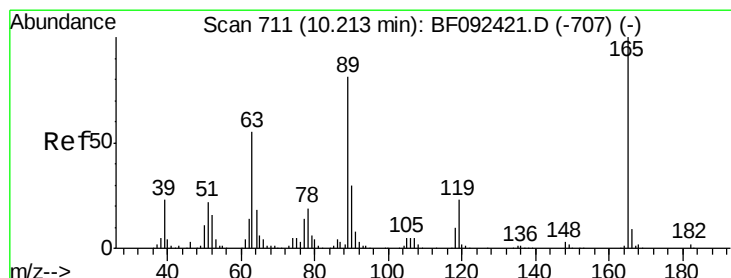
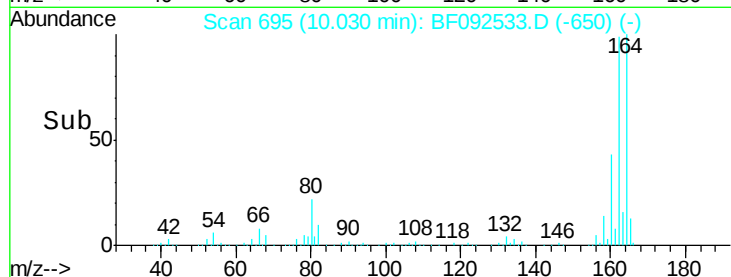
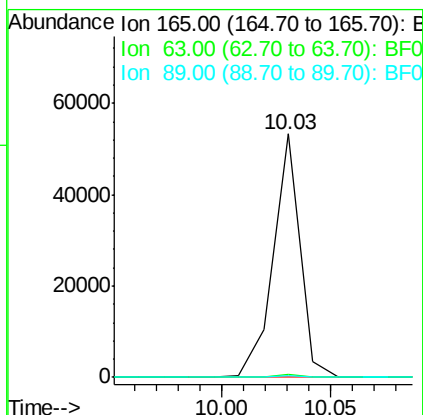
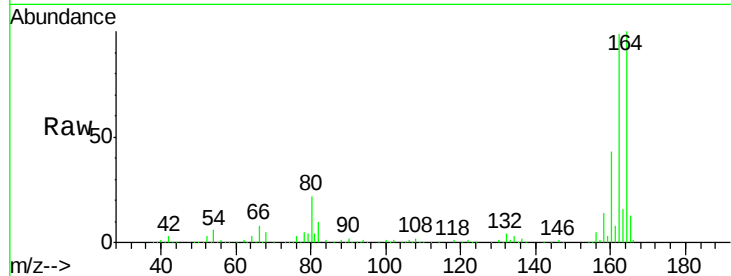




#50
 2,6-Dinitrotoluene
 Concen: 9.78 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.22 min
 Lab File: BF092533.D
 Acq: 26 Jan 2017 19:09

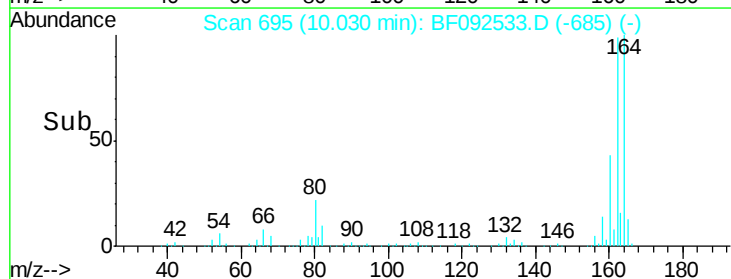
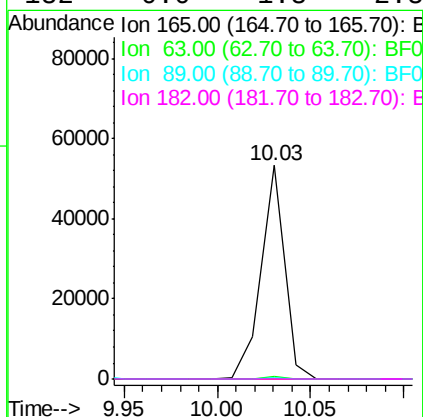
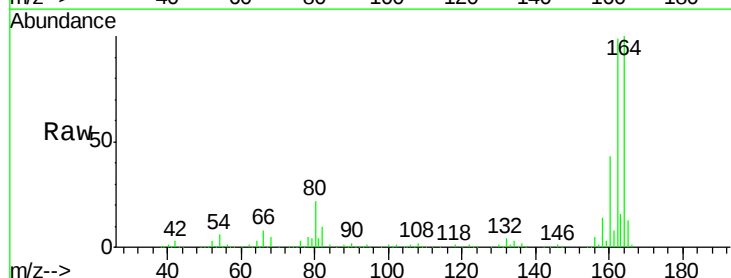
Instrument :
 BNA_F
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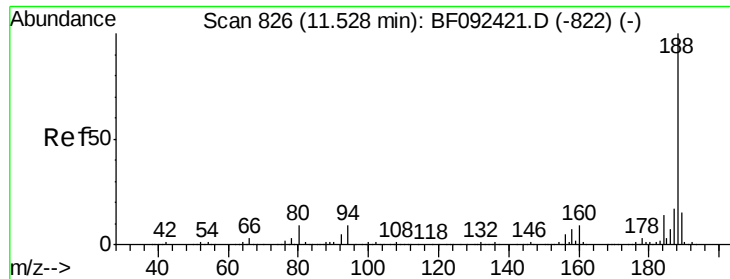
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.2	54.4#
89	0.9	40.2	60.4#



#56
 2,4-Dinitrotoluene
 Concen: 7.37 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.18 min
 Lab File: BF092533.D
 Acq: 26 Jan 2017 19:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#

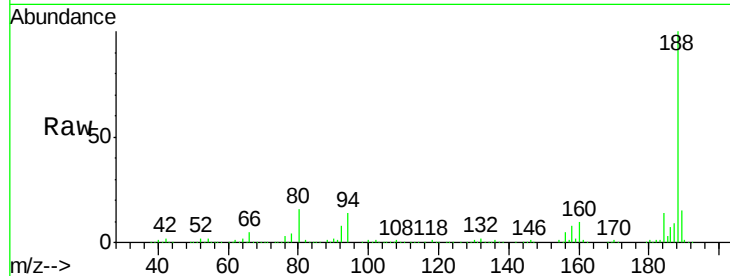




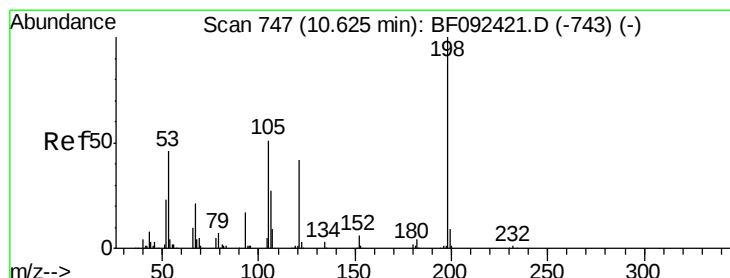
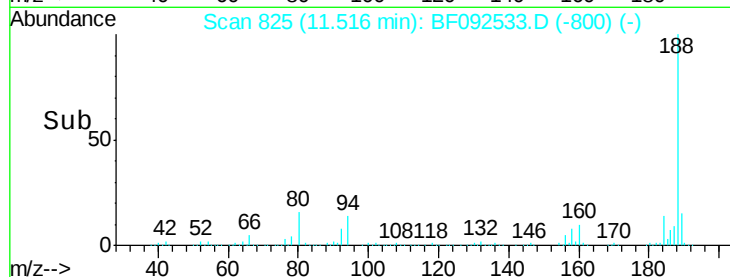
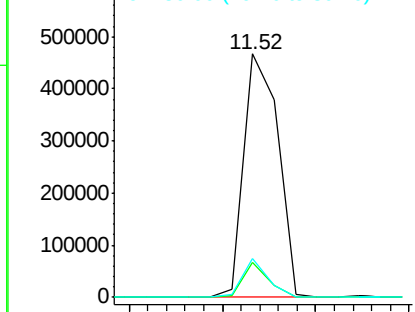
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092533.D
 Acq: 26 Jan 2017 19:09

Instrument :
 BNA_F
 ClientSampleId :
 PB96282BL

Tgt Ion:188 Resp: 597346
 Ion Ratio Lower Upper
 188 100
 94 14.4 10.0 15.0
 80 15.8 11.2 16.8

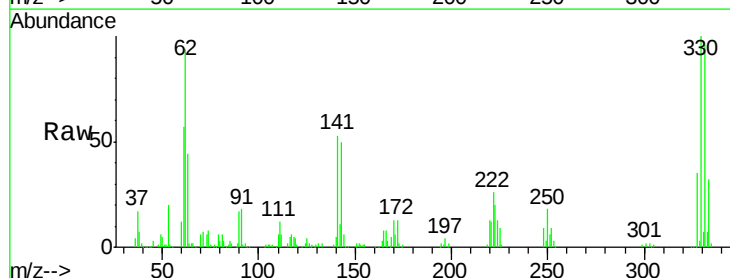


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

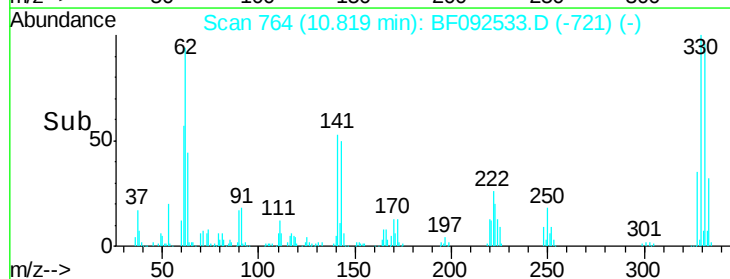
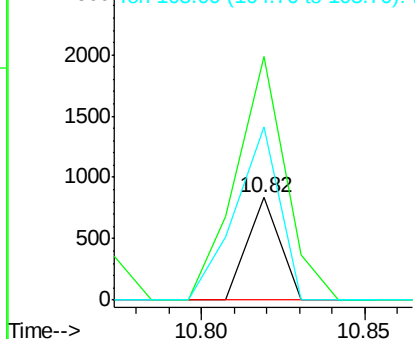


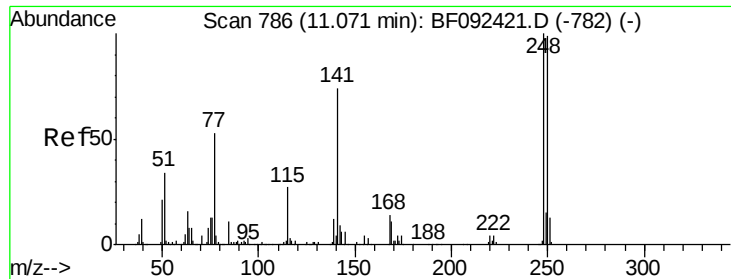
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.11 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.20 min
 Lab File: BF092533.D
 Acq: 26 Jan 2017 19:09

Tgt Ion:198 Resp: 573
 Ion Ratio Lower Upper
 198 100
 51 237.7 6.7 46.7#
 105 169.3 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: 3.80 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.25 min

Lab File: BF092533.D

Acq: 26 Jan 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB96282BL

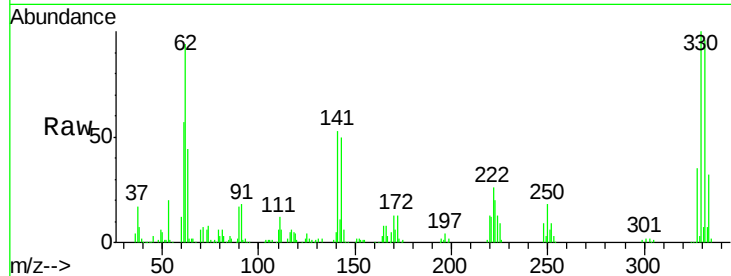
Tgt Ion:248 Resp: 22933

Ion Ratio Lower Upper

248 100

250 205.3 76.9 115.3#

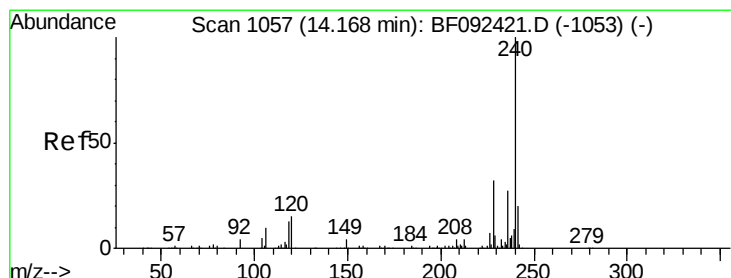
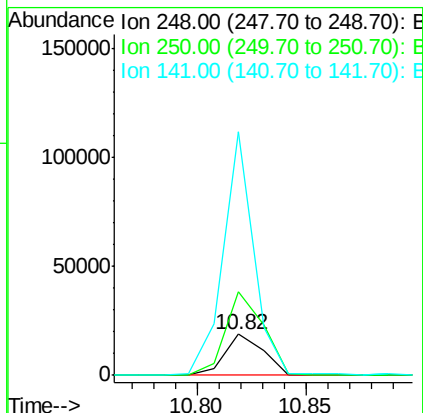
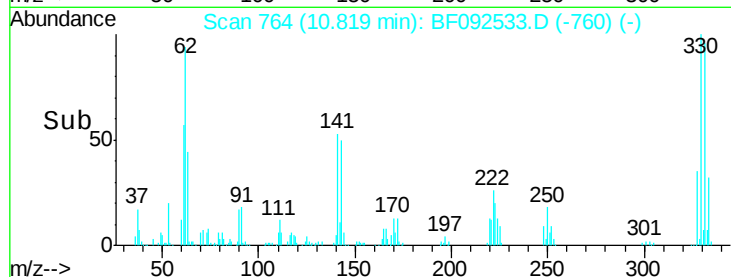
141 597.6 68.2 102.4#



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: 14.17 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF092533.D

Acq: 26 Jan 2017 19:09

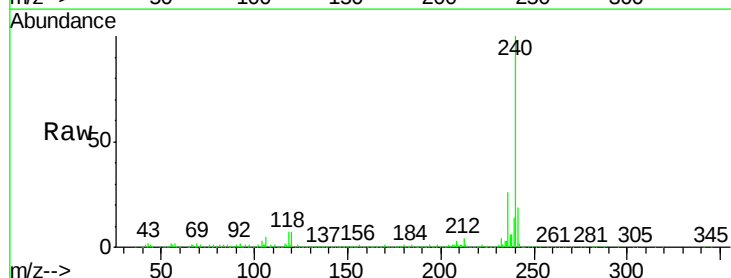
Tgt Ion:240 Resp: 568143

Ion Ratio Lower Upper

240 100

120 7.5 12.9 19.3#

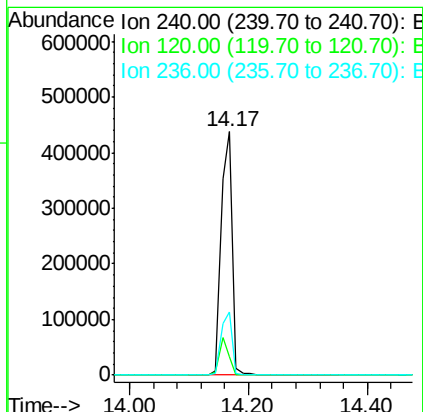
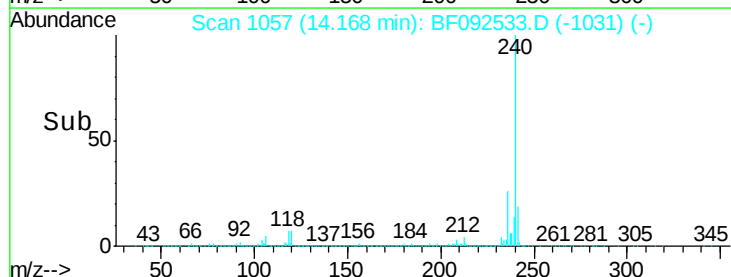
236 26.2 20.9 31.3

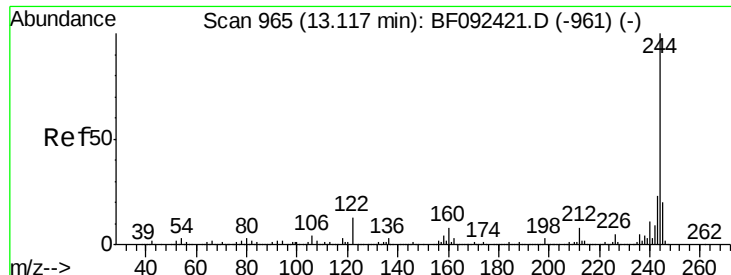


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

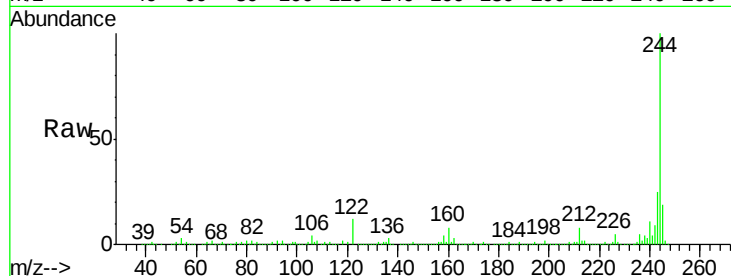




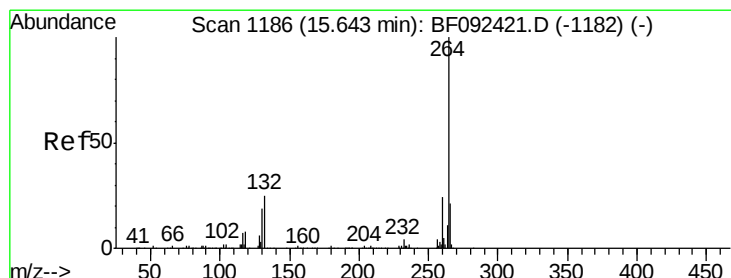
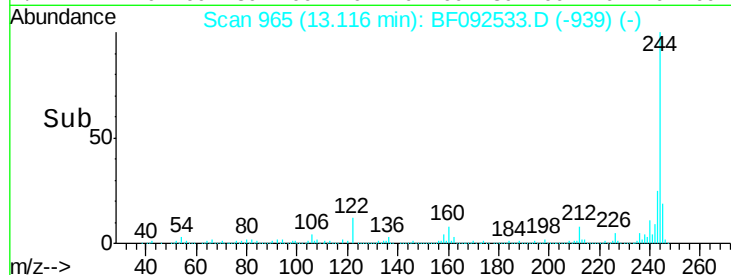
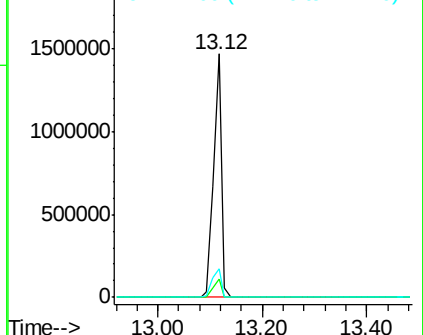
#78
 Terphenyl-d14
 Concen: 72.55 ng
 RT: 13.12 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF092533.D
 Acq: 26 Jan 2017 19:09

Instrument :
 BNA_F
 ClientSampleId :
 PB96282BL

Tgt Ion:244 Resp: 1547924
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 11.7 11.4 17.2

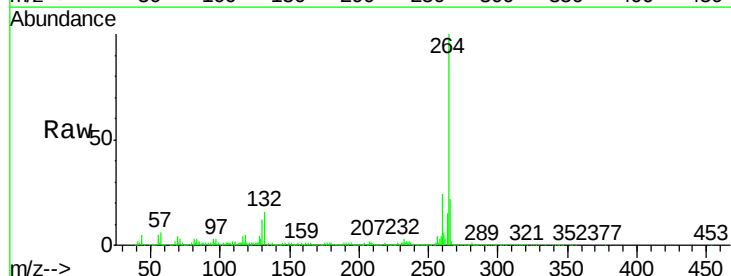


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.65 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF092533.D
 Acq: 26 Jan 2017 19:09

Tgt Ion:264 Resp: 479804
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.4 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

