

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092553.D
 Acq On : 27 Jan 2017 4:15
 Operator : SJ/MA
 Sample : I1452-06
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-21

Quant Time: Jan 27 04:53:55 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

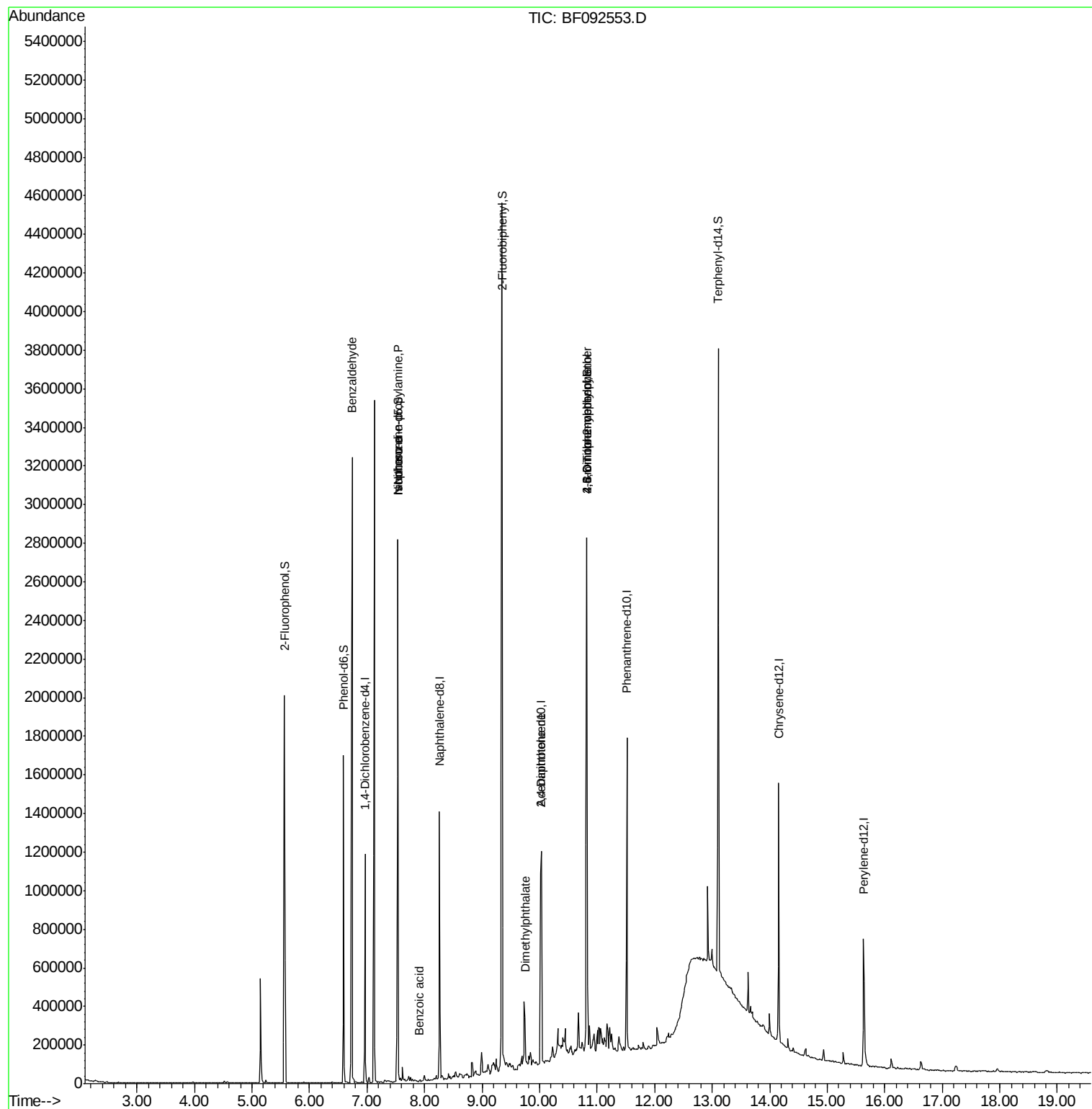
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	160620	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	632975	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	362795	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	603874	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	471516	20.00	ng	-0.01
86) Perylene-d12	15.63	264	336459	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	550222	53.30	ng	0.01
7) Phenol-d6	6.59	99	494503	37.60	ng	0.00
23) Nitrobenzene-d5	7.54	82	1075349	92.80	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	313964	126.99	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1585125	80.79	ng	-0.01
78) Terphenyl-d14	13.11	244	1385287	78.23	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.74	77	22767	2.44	ng	# 79
19) n-Nitroso-di-n-propylamine	7.54	70	144269	16.11	ng	# 82
25) Isophorone	7.54	82	1020784	44.70	ng	# 65
32) Benzoic acid	7.92	122	326	4.73	ng	# 1
49) Dimethylphthalate	9.74	163	187647	8.13	ng	98
56) 2,4-Dinitrotoluene	10.03	165	48740	7.79	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.82	198	830	5.18	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	24384	4.00	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092553.D
Acq On : 27 Jan 2017 4:15
Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-21

Quant Time: Jan 27 04:53:55 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

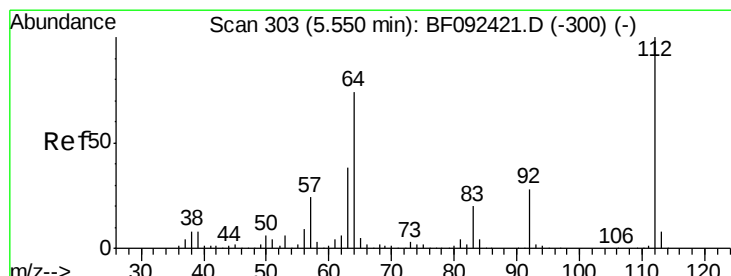
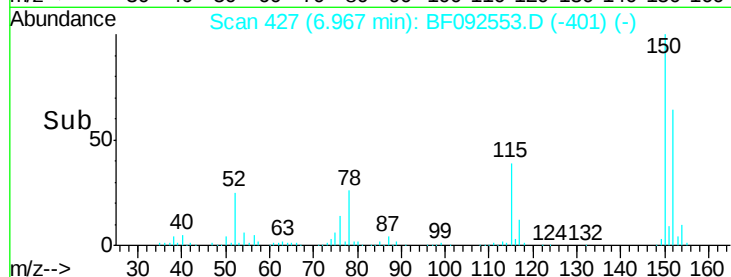
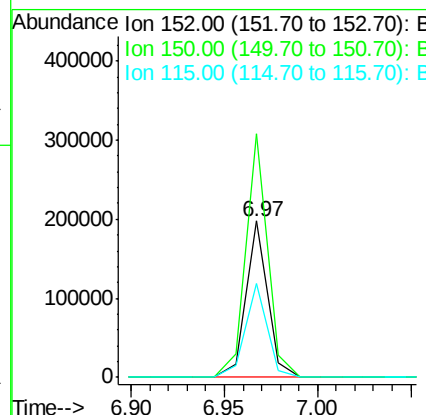
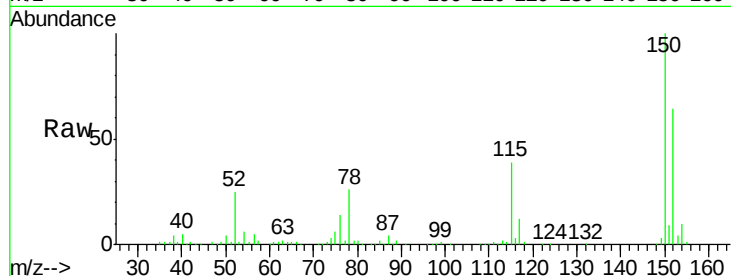




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF092553.D
 Acq: 27 Jan 2017 4:15

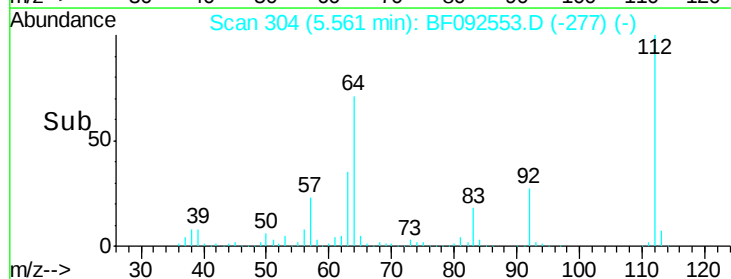
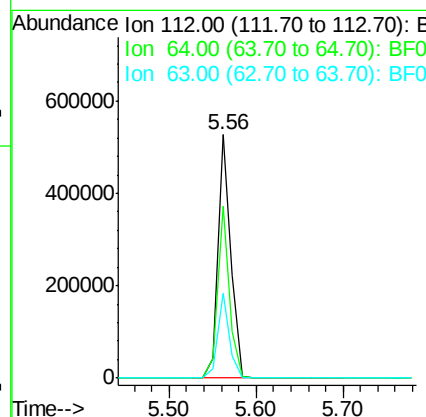
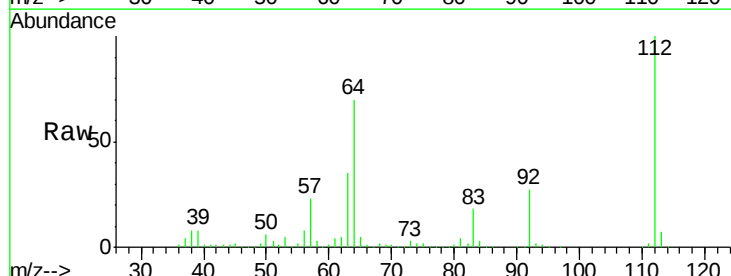
Instrument :
 BNA_F
 ClientSampleId :
 W-21

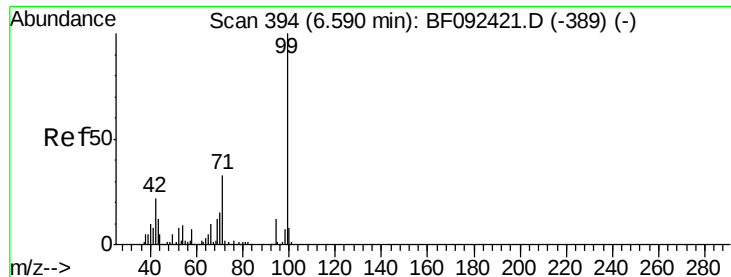
Tgt Ion:152 Resp: 160620
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.9 187.3
 115 60.1 46.0 69.0



#5
 2-Fluorophenol
 Concen: 53.30 ng
 RT: 5.56 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: BF092553.D
 Acq: 27 Jan 2017 4:15

Tgt Ion:112 Resp: 550222
 Ion Ratio Lower Upper
 112 100
 64 70.5 46.1 69.1#
 63 34.7 23.8 35.6





#7

Phenol-d6

Concen: 37.60 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092553.D

Acq: 27 Jan 2017 4:15

Instrument :

BNA_F

ClientSampleId :

W-21

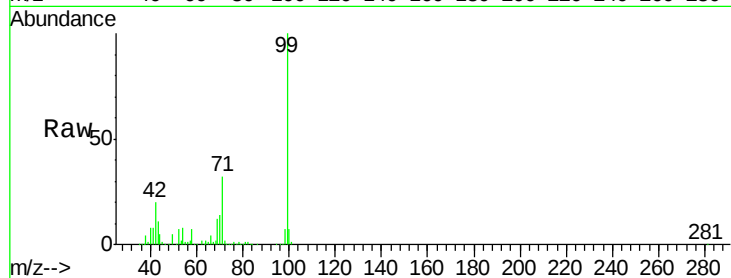
Tgt Ion: 99 Resp: 494503

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

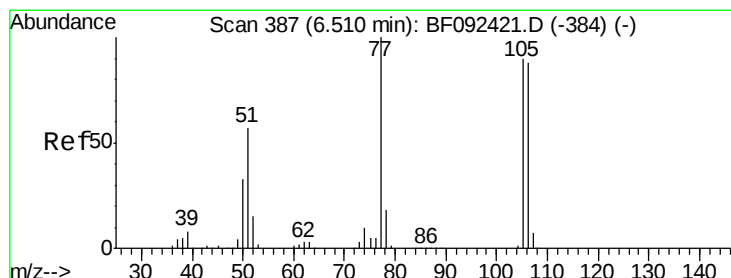
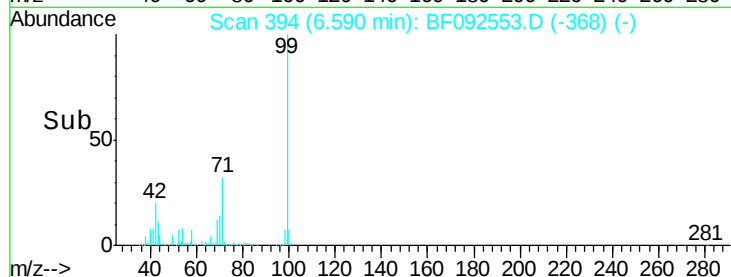
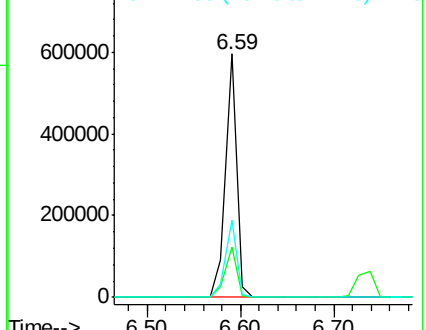
71 31.6 27.5 41.3



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: 2.44 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.23 min

Lab File: BF092553.D

Acq: 27 Jan 2017 4:15

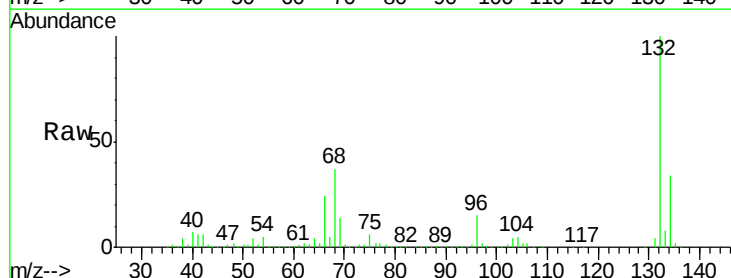
Tgt Ion: 77 Resp: 22767

Ion Ratio Lower Upper

77 100

105 83.4 83.9 123.9#

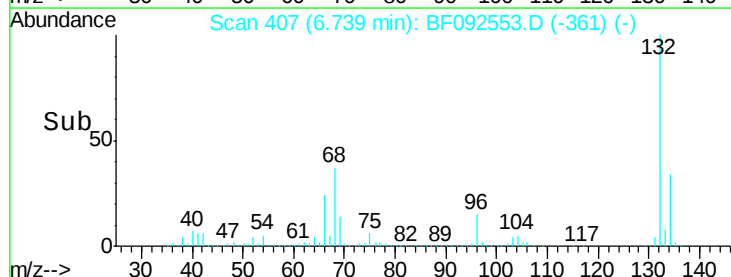
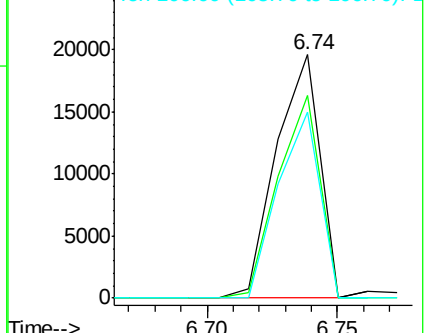
106 76.6 77.6 117.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

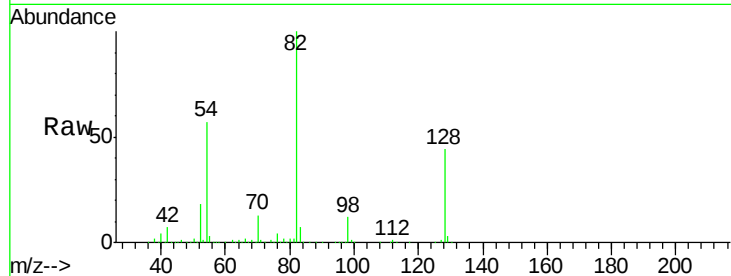




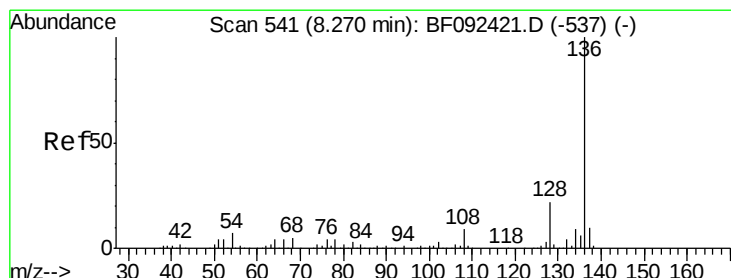
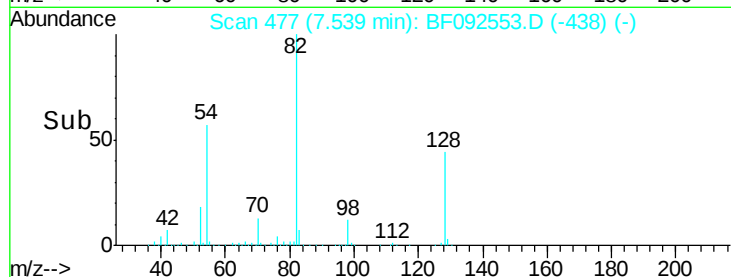
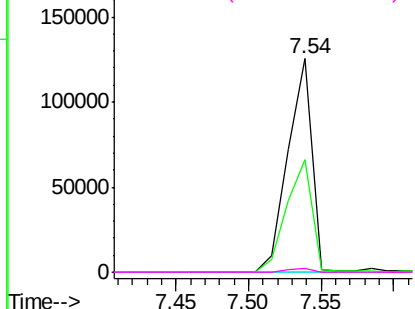
#19
n-Nitroso-di-n-propylamine
Concen: 16.11 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092553.D
Acq: 27 Jan 2017 4:15

Instrument :
BNA_F
ClientSampleId :
W-21

Tgt Ion: 70 Resp: 144269
Ion Ratio Lower Upper
70 100
42 52.5 49.4 74.0
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

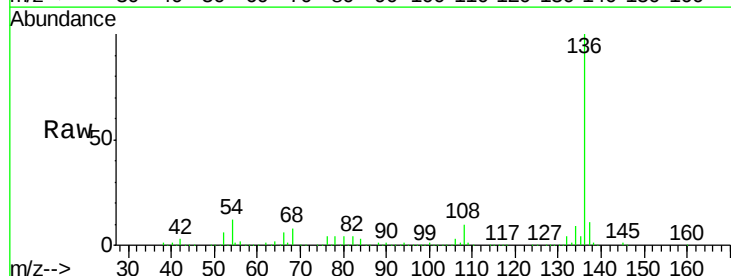


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

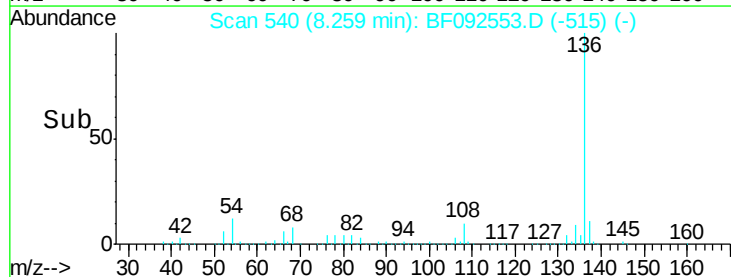
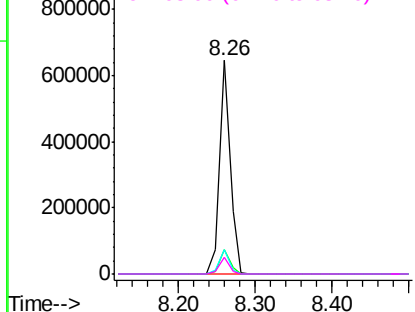


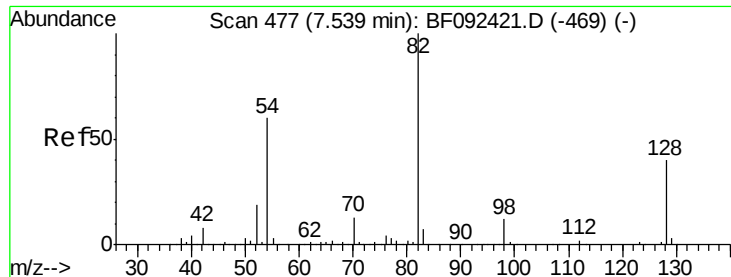
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092553.D
Acq: 27 Jan 2017 4:15

Tgt Ion: 136 Resp: 632975
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 11.7 4.5 6.7#
68 7.9 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

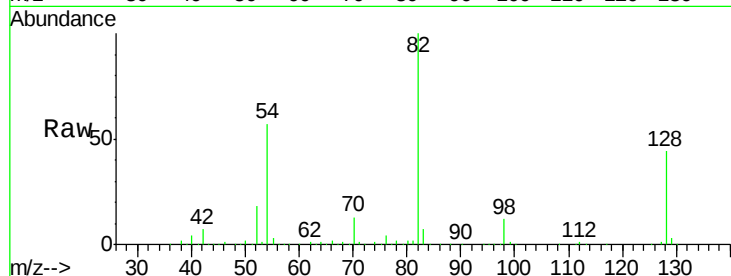




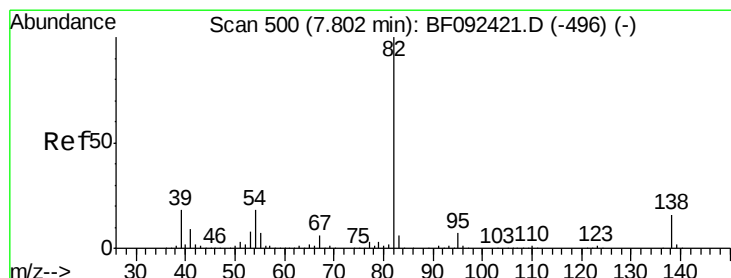
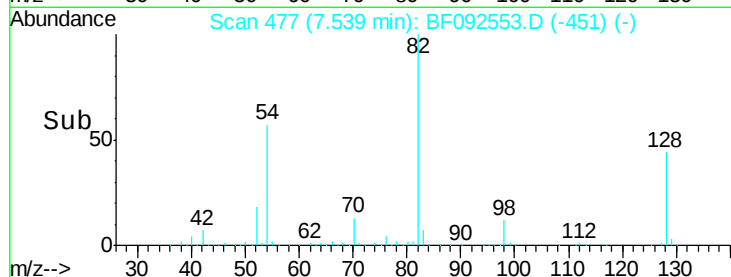
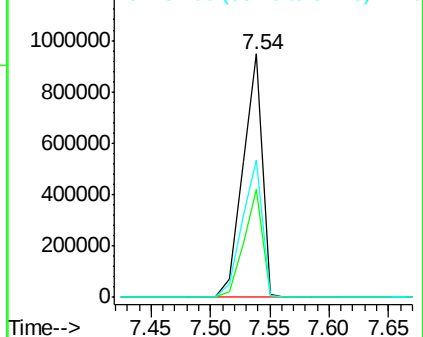
#23
 Nitrobenzene-d5
 Concen: 92.80 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092553.D
 Acq: 27 Jan 2017 4:15

Instrument :
 BNA_F
 ClientSampleID :
 W-21

Tgt Ion: 82 Resp: 1075349
 Ion Ratio Lower Upper
 82 100
 128 44.2 34.6 52.0
 54 56.6 39.5 59.3

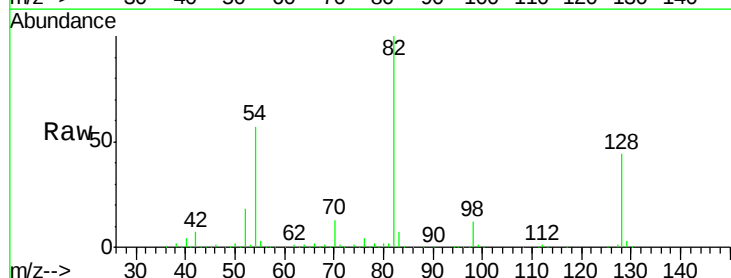


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

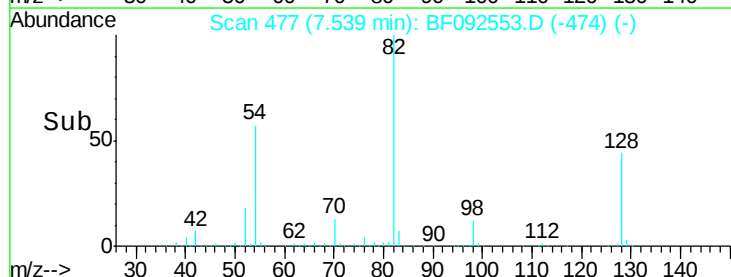
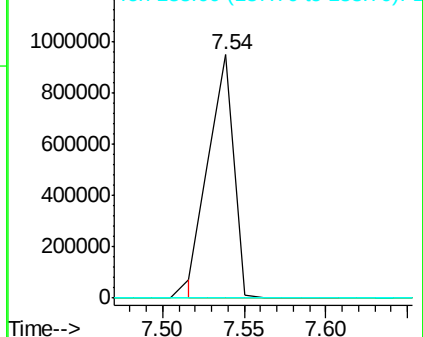


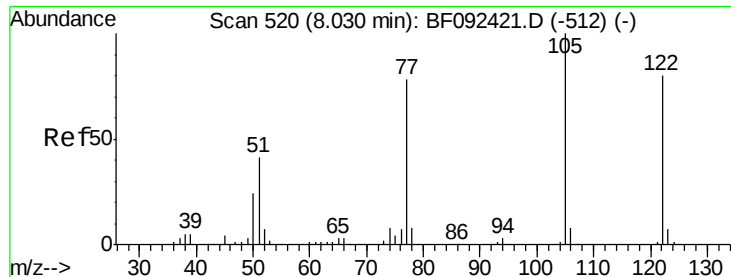
#25
 Isophorone
 Concen: 44.70 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.26 min
 Lab File: BF092553.D
 Acq: 27 Jan 2017 4:15

Tgt Ion: 82 Resp: 1020784
 Ion Ratio Lower Upper
 82 100
 95 0.1 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: 4.73 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.11 min

Lab File: BF092553.D

Acq: 27 Jan 2017 4:15

Instrument :

BNA_F

ClientSampled :

W-21

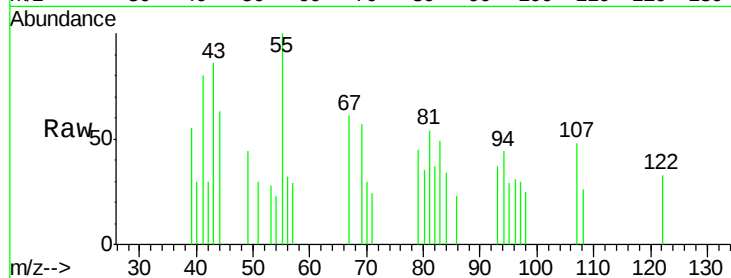
Tgt Ion:122 Resp: 326

Ion Ratio Lower Upper

122 100

105 0.0 107.2 147.2#

77 0.0 74.5 114.5#



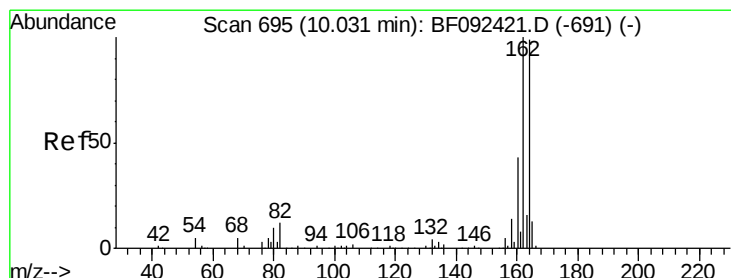
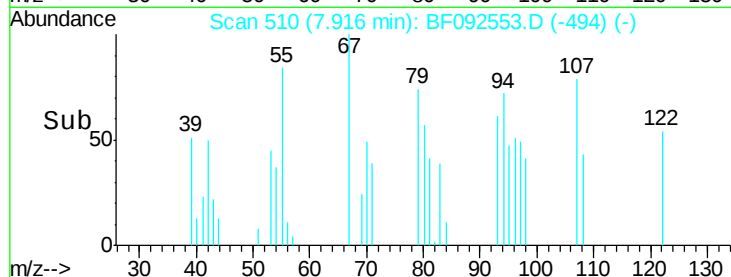
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

Time-->

7.88 7.90 7.92 7.94



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092553.D

Acq: 27 Jan 2017 4:15

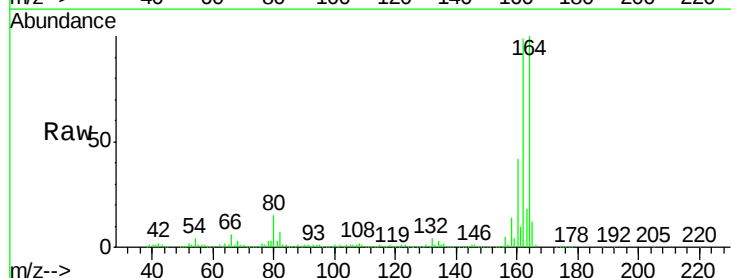
Tgt Ion:164 Resp: 362795

Ion Ratio Lower Upper

164 100

162 98.7 80.2 120.2

160 42.4 36.9 55.3



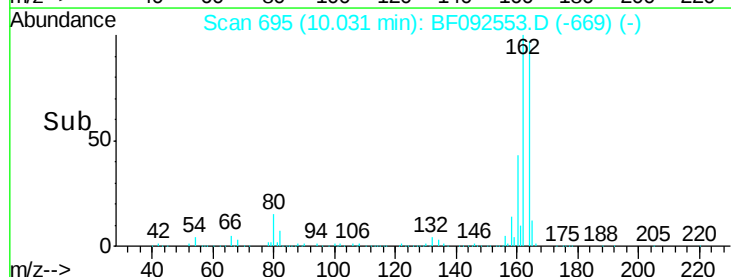
Abundance Ion 164.00 (163.70 to 164.70): E

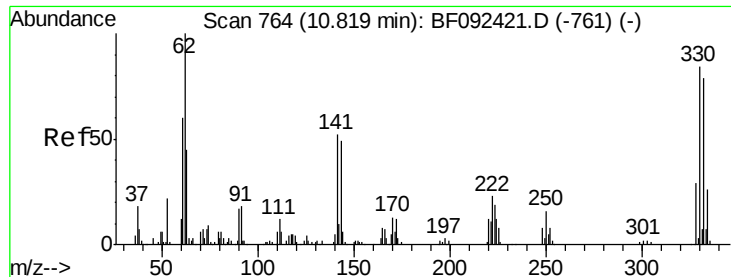
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->

9.90 10.00 10.10 10.20

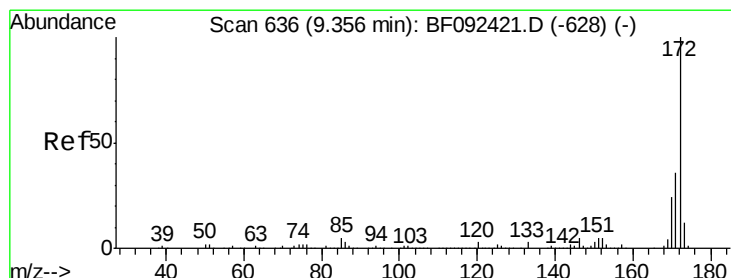
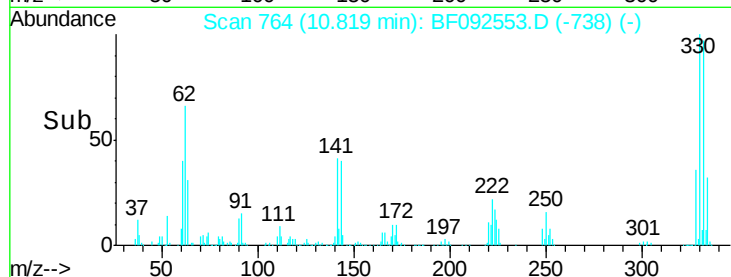
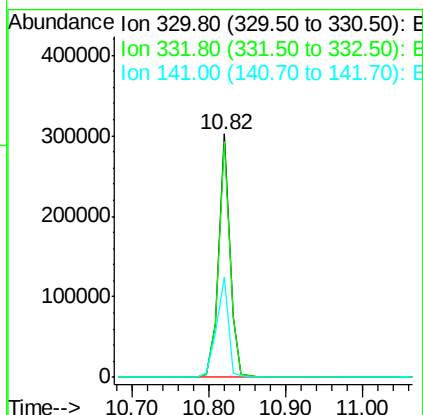
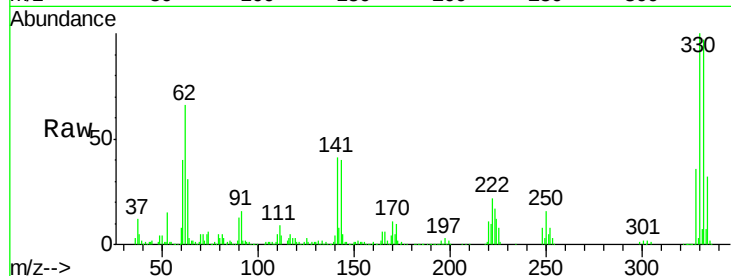




#41
 2,4,6-Tribromophenol
 Concen: 126.99 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092553.D
 Acq: 27 Jan 2017 4:15

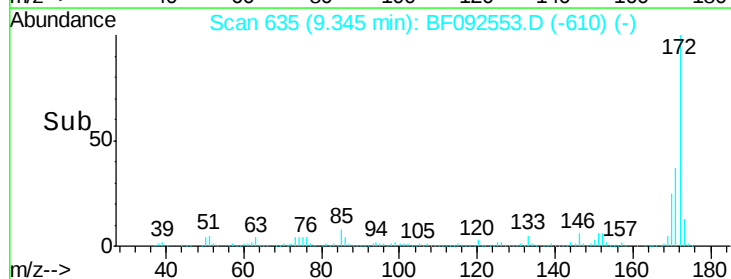
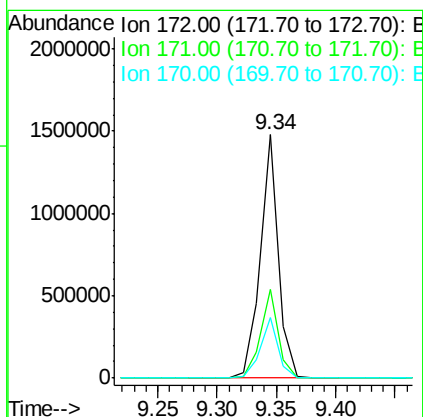
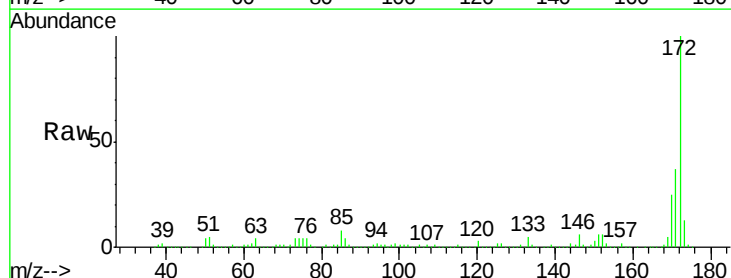
Instrument :
 BNA_F
 ClientSampleId :
 W-21

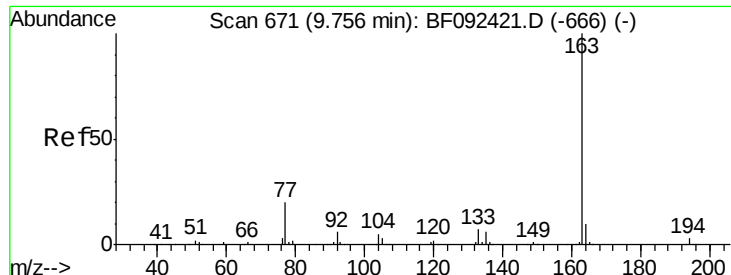
Tgt Ion:330 Resp: 313964
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 41.5 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 80.79 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092553.D
 Acq: 27 Jan 2017 4:15

Tgt Ion:172 Resp: 1585125
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.6 20.2 30.4





#49

Dimethylphthalate

Concen: 8.13 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF092553.D

Acq: 27 Jan 2017 4:15

Instrument :

BNA_F

ClientSampleId :

W-21

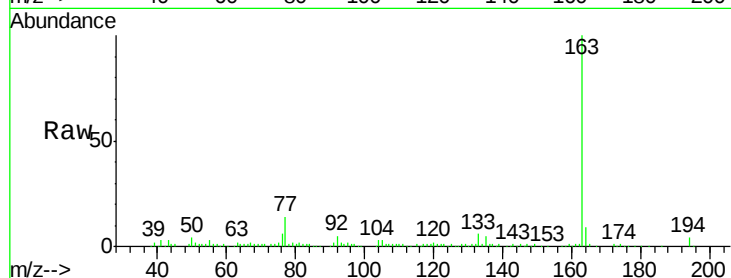
Tgt Ion:163 Resp: 187647

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

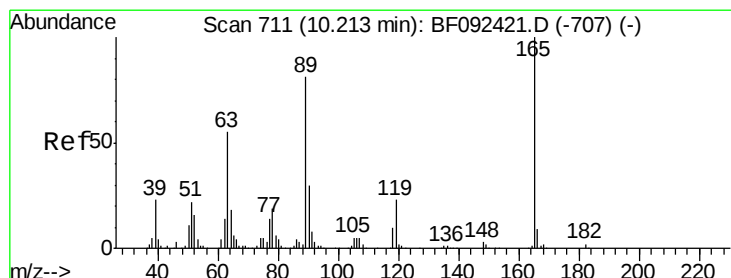
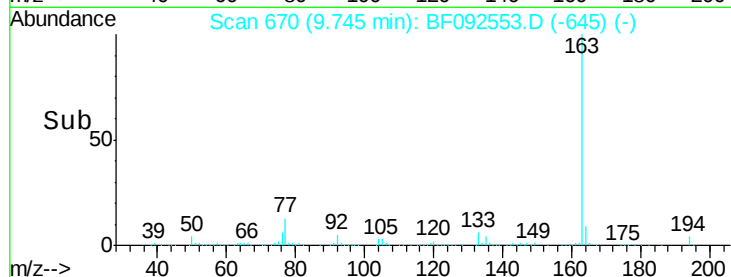
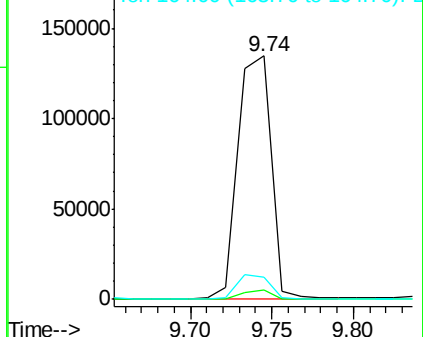
164 9.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 7.79 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.18 min

Lab File: BF092553.D

Acq: 27 Jan 2017 4:15

Tgt Ion:165 Resp: 48740

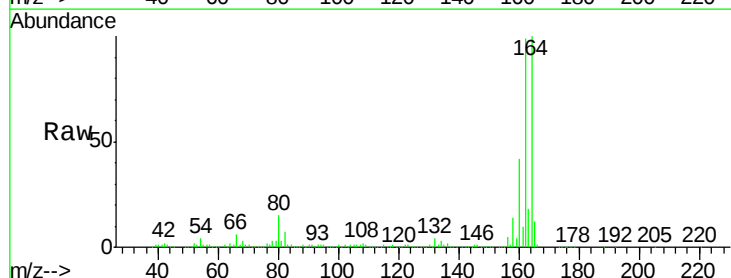
Ion Ratio Lower Upper

165 100

63 2.2 40.2 60.4#

89 1.8 62.5 93.7#

182 0.0 1.8 2.8#

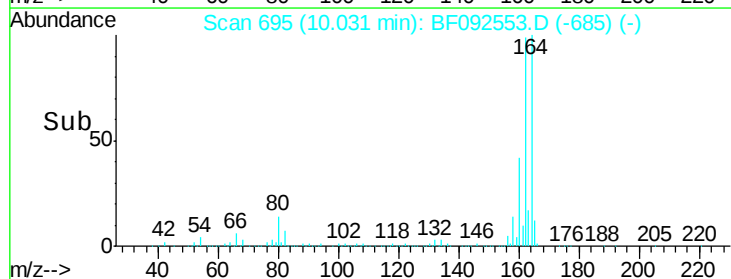
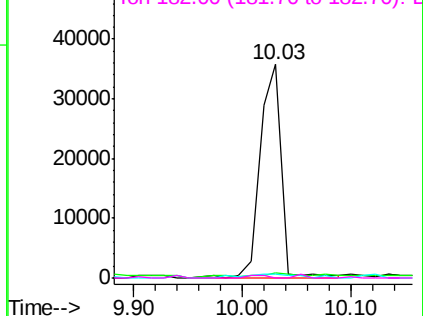


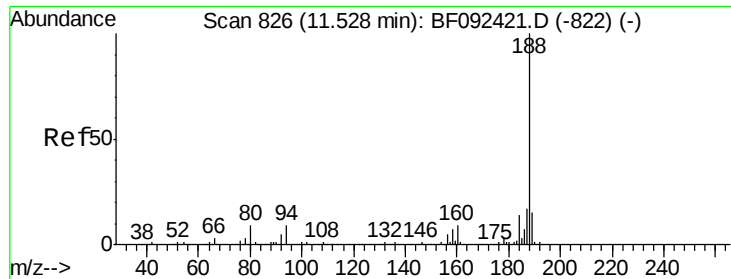
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092553.D

Acq: 27 Jan 2017 4:15

Instrument :

BNA_F

ClientSampleId :

W-21

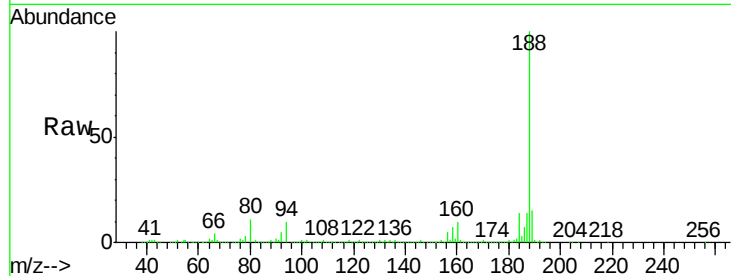
Tgt Ion:188 Resp: 603874

Ion Ratio Lower Upper

188 100

94 10.3 10.0 15.0

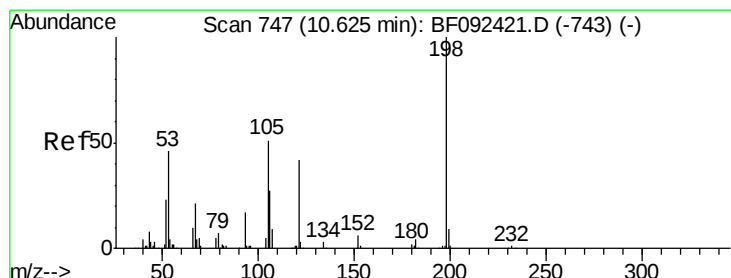
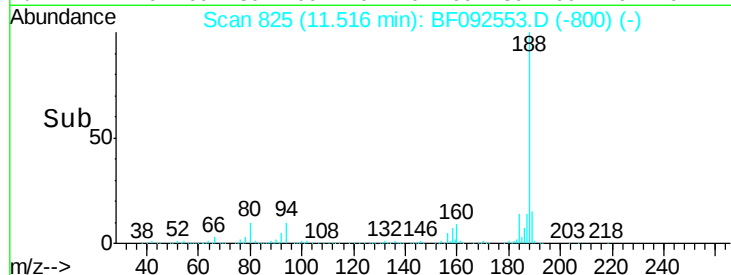
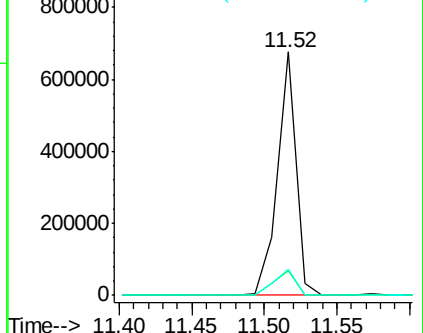
80 10.5 11.2 16.8#



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: 5.18 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.20 min

Lab File: BF092553.D

Acq: 27 Jan 2017 4:15

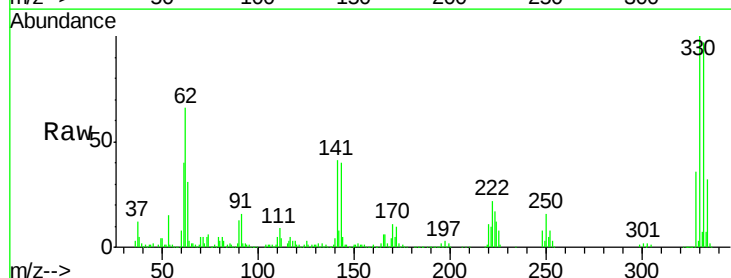
Tgt Ion:198 Resp: 830

Ion Ratio Lower Upper

198 100

51 293.8 6.7 46.7#

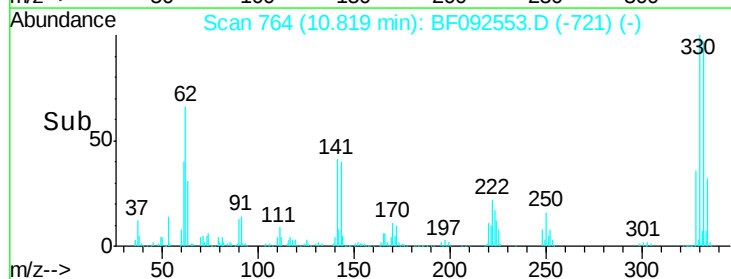
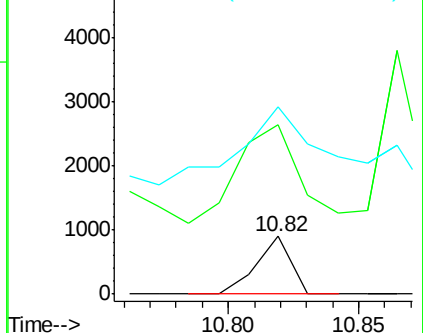
105 325.9 16.6 56.6#

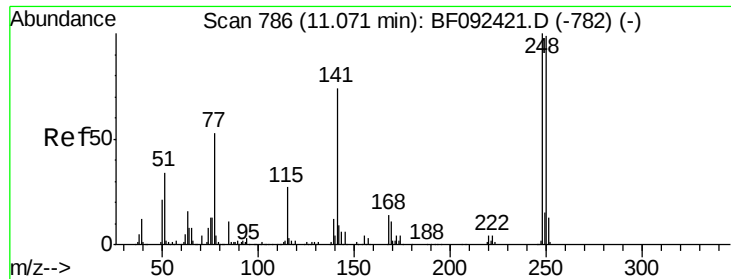


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

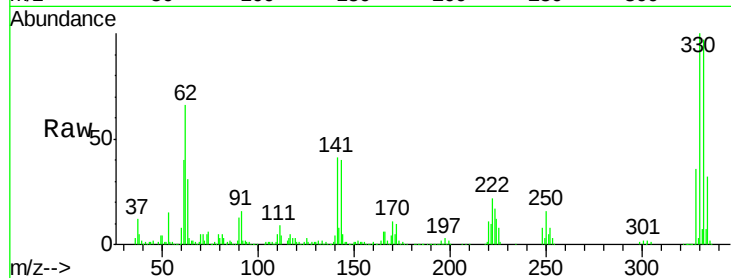




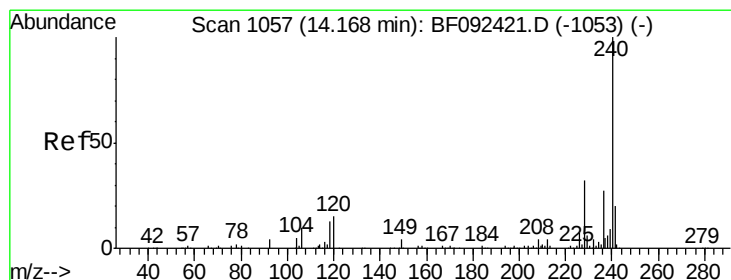
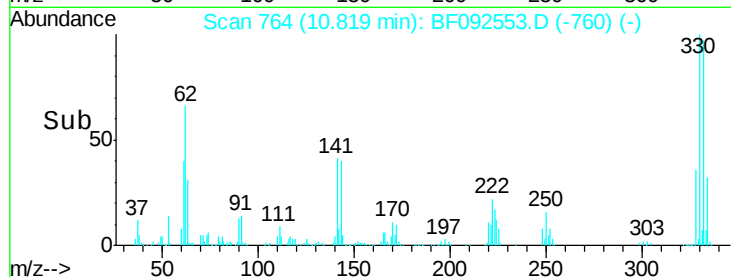
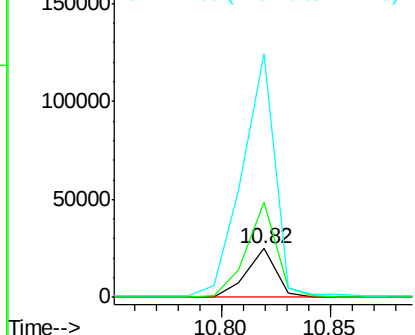
#66
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.25 min
Lab File: BF092553.D
Acq: 27 Jan 2017 4:15

Instrument :
BNA_F
ClientSampleId :
W-21

Tgt Ion:248 Resp: 24384
Ion Ratio Lower Upper
248 100
250 194.6 76.9 115.3#
141 499.0 68.2 102.4#

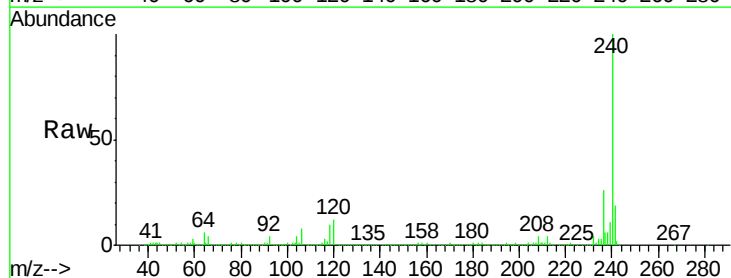


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

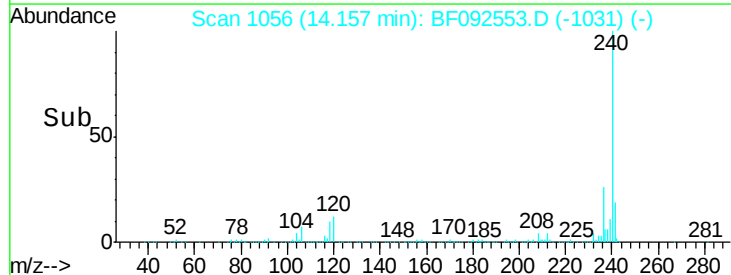
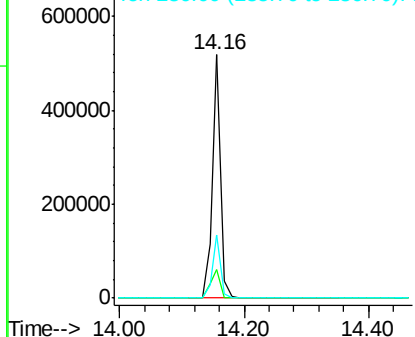


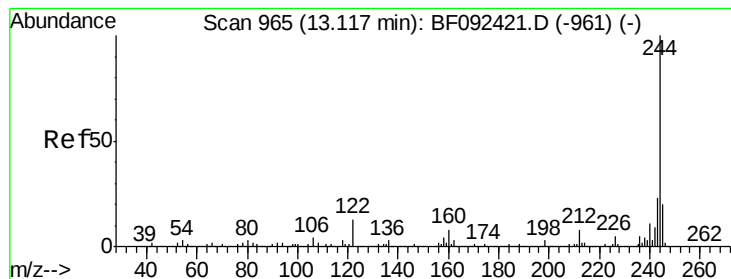
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092553.D
Acq: 27 Jan 2017 4:15

Tgt Ion:240 Resp: 471516
Ion Ratio Lower Upper
240 100
120 11.6 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: 78.23 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092553.D

Acq: 27 Jan 2017 4:15

Instrument :

BNA_F

ClientSampleId :

W-21

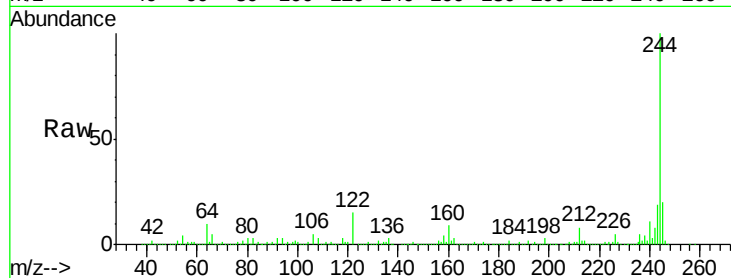
Tgt Ion:244 Resp: 1385287

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

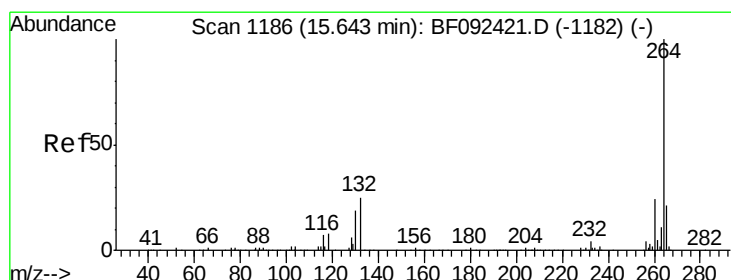
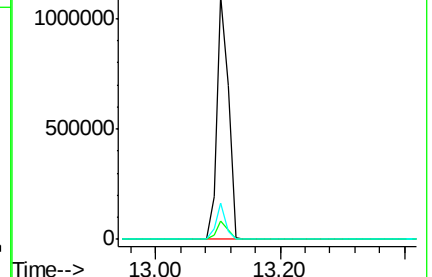
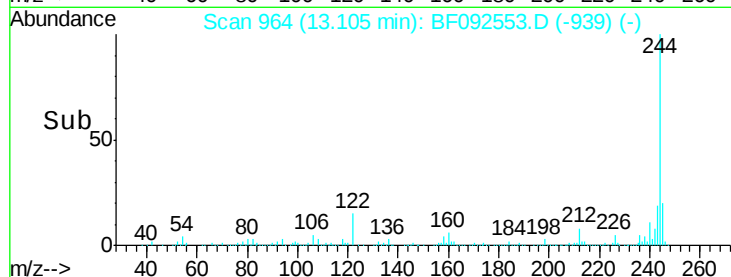
122 15.0 11.4 17.2



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

Perylene-d12

Concen: 20.00 ng

RT: 15.63 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF092553.D

Acq: 27 Jan 2017 4:15

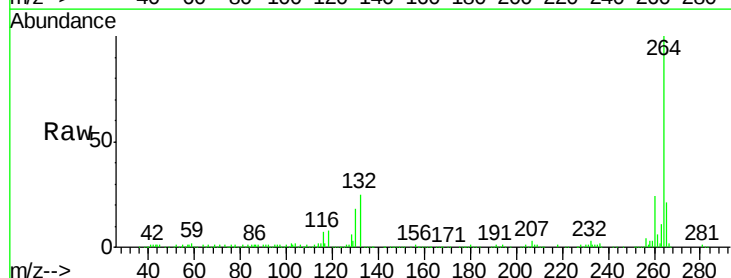
Tgt Ion:264 Resp: 336459

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.4 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

