

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
 Data File : BF090950.D
 Acq On : 1 Nov 2016 14:59
 Operator : UM/SJ
 Sample : H5445-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-4-5

Quant Time: Nov 01 23:52:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

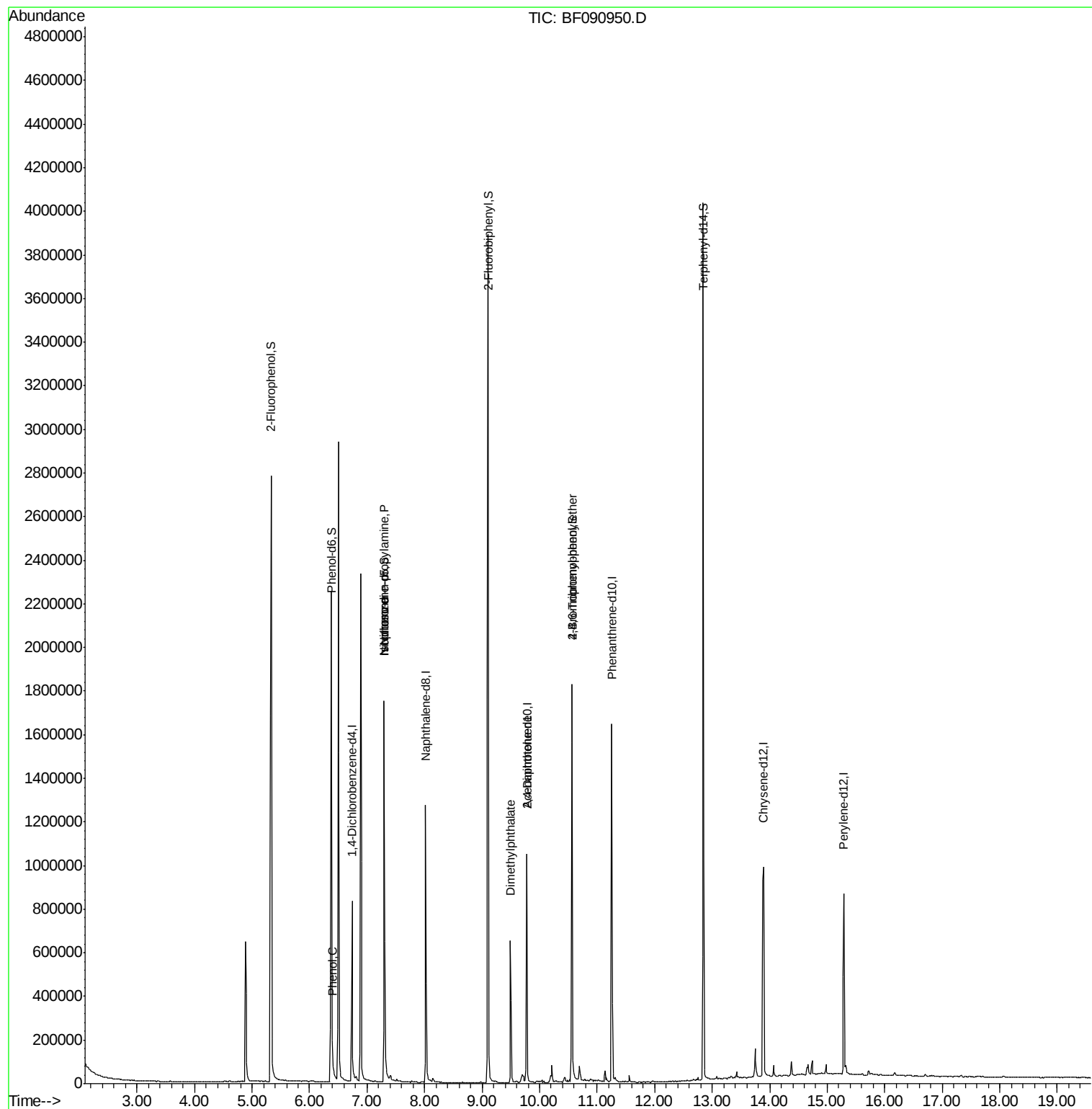
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	151719	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	641091	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	340982	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	573471	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	475503	20.00	ng	-0.01
86) Perylene-d12	15.29	264	355916	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	966843	111.42	ng	0.00
7) Phenol-d6	6.38	99	1255006	107.20	ng	-0.01
23) Nitrobenzene-d5	7.30	82	745194	76.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	333409	95.15	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1375033	70.81	ng	-0.01
78) Terphenyl-d14	12.84	244	1278263	67.73	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	31629	2.45	ng	# 66
19) n-Nitroso-di-n-propylamine	7.30	70	101141	14.94	ng	# 56
25) Isophorone	7.30	82	661295	33.27	ng	# 58
49) Dimethylphthalate	9.49	163	321792	14.13	ng	# 97
56) 2,4-Dinitrotoluene	9.78	165	43400	6.94	ng	# 33
66) 4-Bromophenyl-phenylether	10.57	248	21156	3.37	ng	# 1

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

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QLast Update : Tue Nov 01 11:53:50 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090950.D

Acq: 1 Nov 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SB-5-4-5

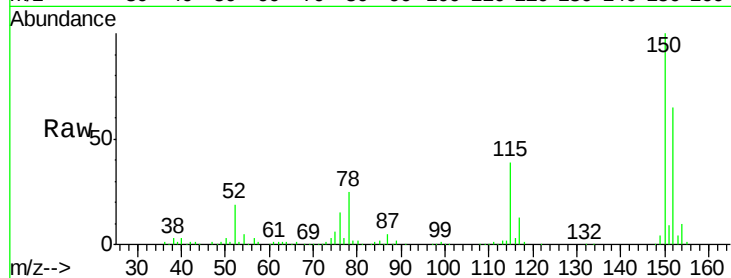
Tgt Ion:152 Resp: 151719

Ion Ratio Lower Upper

152 100

150 154.5 124.7 187.1

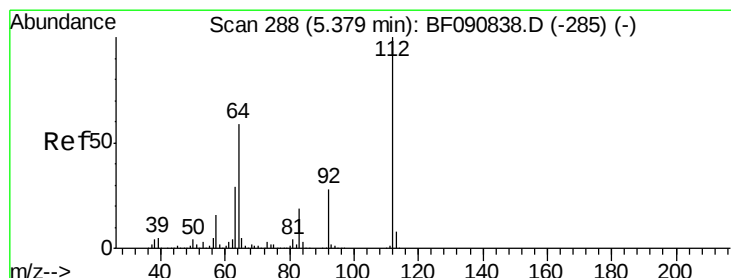
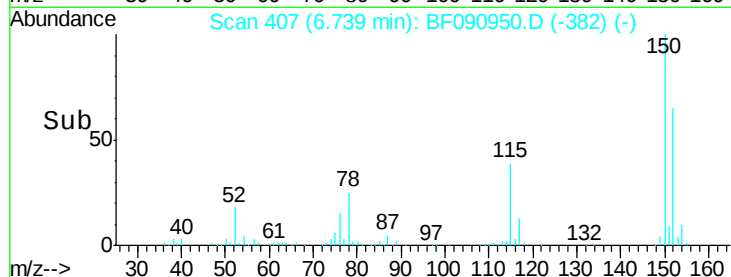
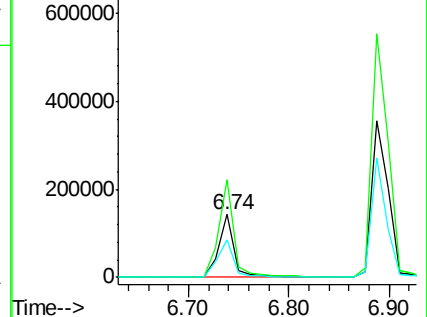
115 59.7 39.0 58.4#



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: 111.42 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.00 min

Lab File: BF090950.D

Acq: 1 Nov 2016 14:59

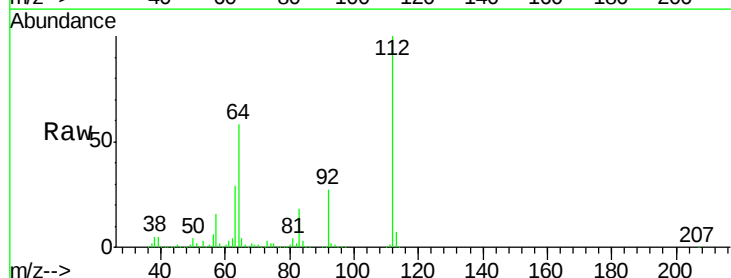
Tgt Ion:112 Resp: 966843

Ion Ratio Lower Upper

112 100

64 58.4 39.7 59.5

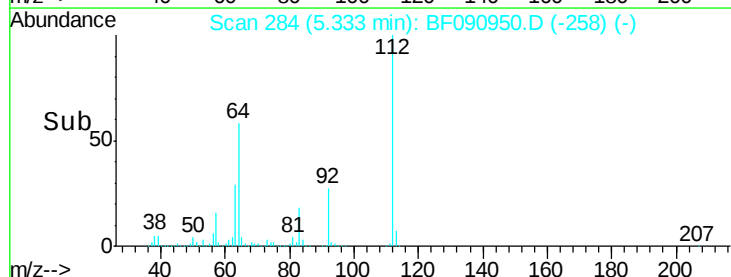
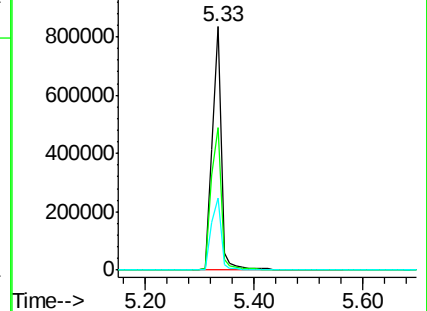
63 29.4 17.4 26.0#

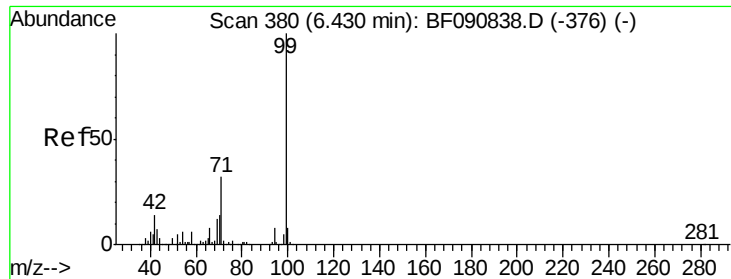


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.20 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF090950.D

Acq: 1 Nov 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SB-5-4-5

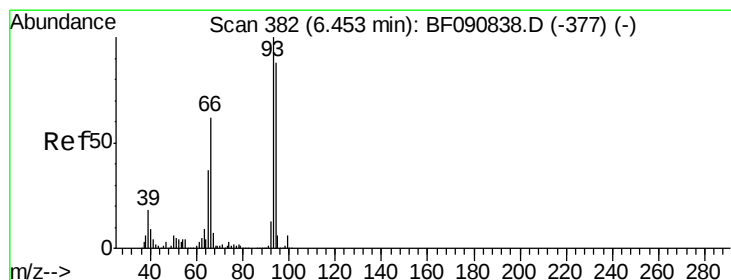
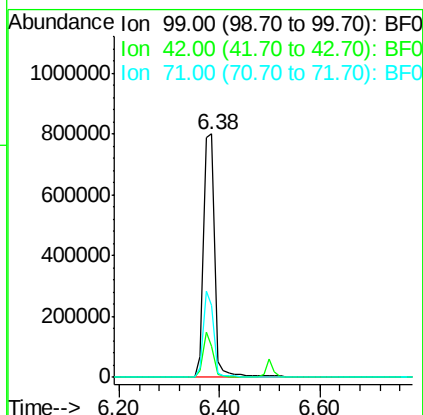
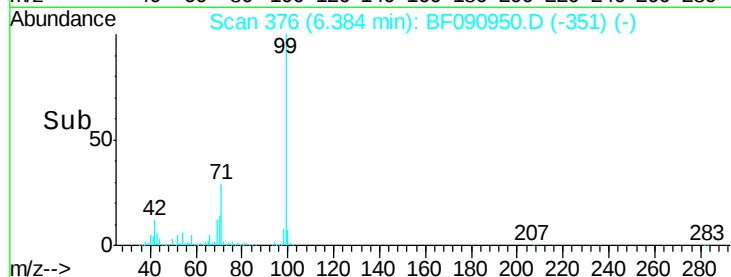
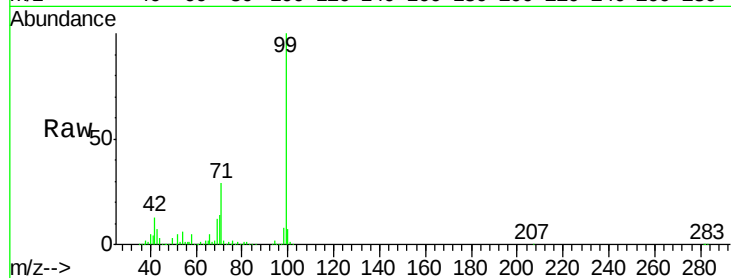
Tgt Ion: 99 Resp: 1255006

Ion Ratio Lower Upper

99 100

42 12.5 13.7 20.5#

71 29.5 14.2 21.2#



#10

Phenol

Concen: 2.45 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF090950.D

Acq: 1 Nov 2016 14:59

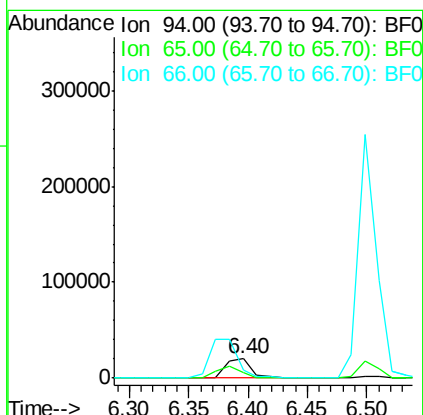
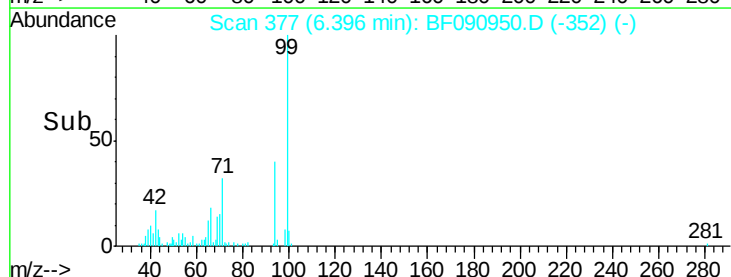
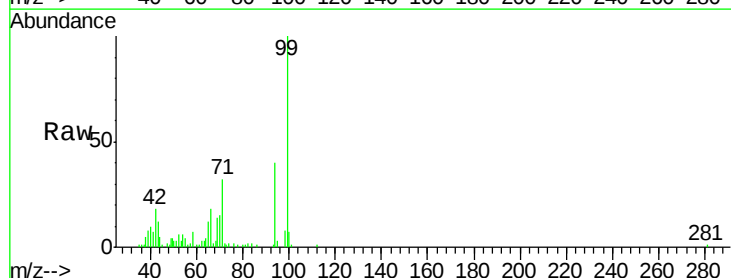
Tgt Ion: 94 Resp: 31629

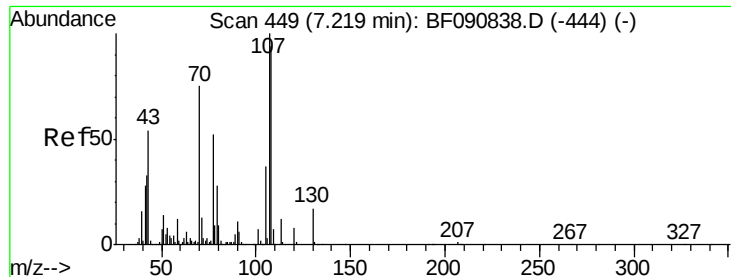
Ion Ratio Lower Upper

94 100

65 29.0 0.7 40.7

66 44.5 0.8 40.8#

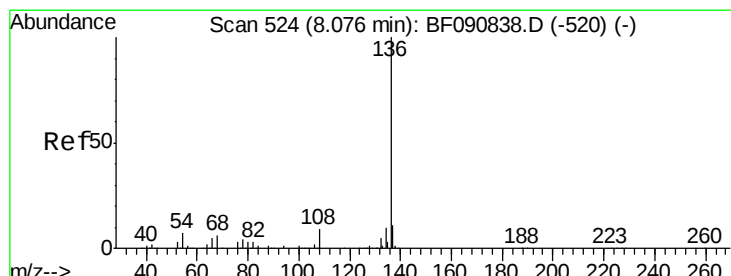
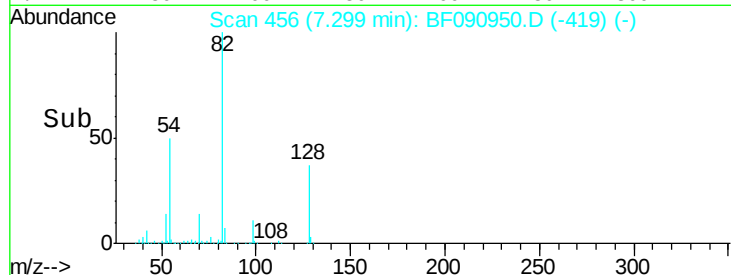
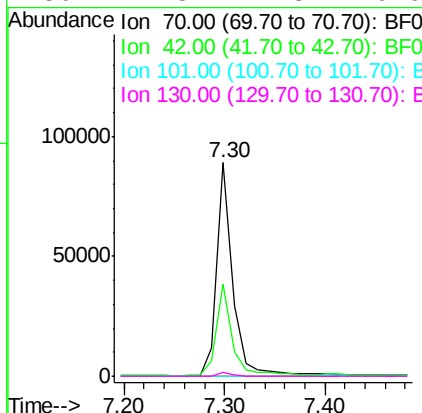
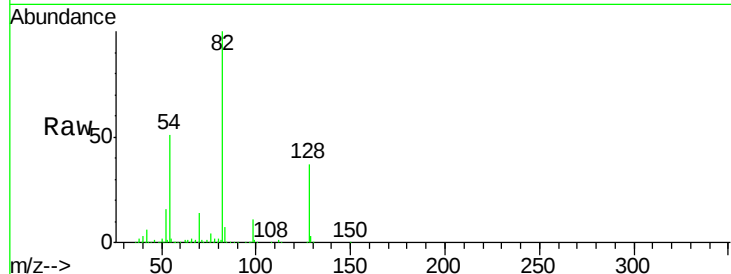




#19
n-Nitroso-di-n-propylamine
Concen: 14.94 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.13 min
Lab File: BF090950.D
Acq: 1 Nov 2016 14:59

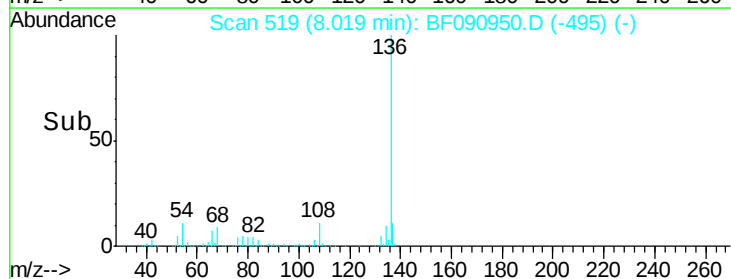
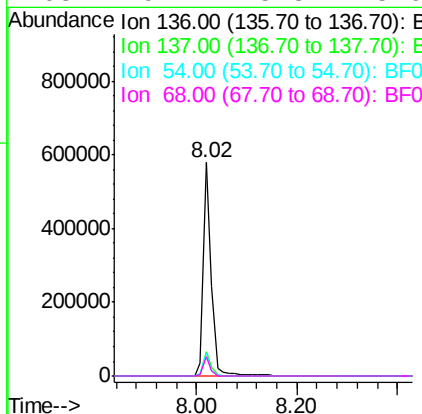
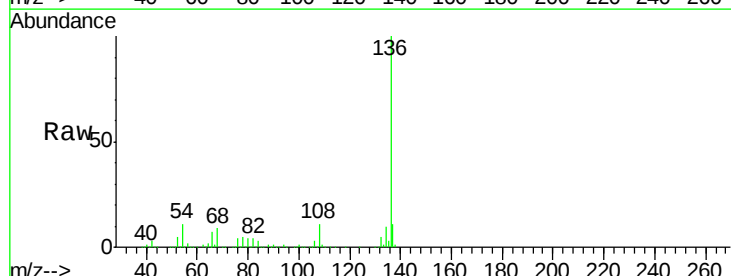
Instrument :
BNA_F
ClientSampleId :
SB-5-4-5

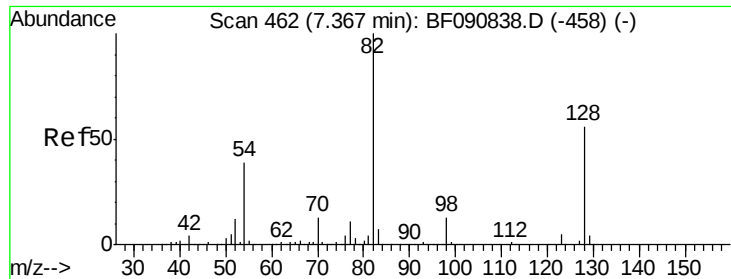
Tgt Ion: 70 Resp: 101141
Ion Ratio Lower Upper
70 100
42 43.3 63.8 95.6#
101 0.0 9.2 13.8#
130 1.8 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090950.D
Acq: 1 Nov 2016 14:59

Tgt Ion: 136 Resp: 641091
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 11.0 8.2 12.2
68 9.2 5.8 8.6#

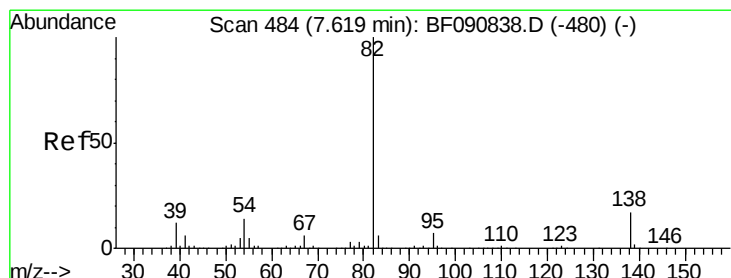
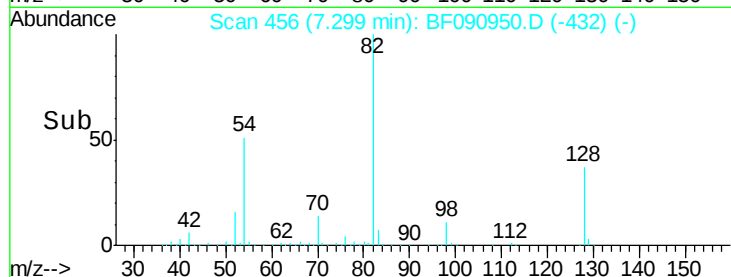
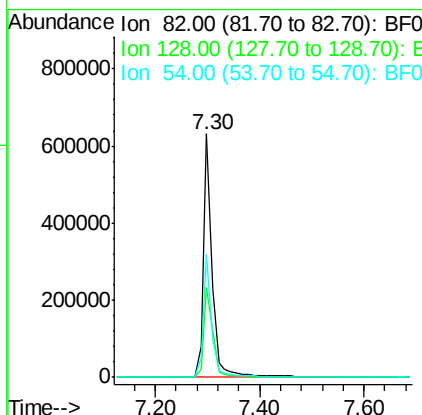
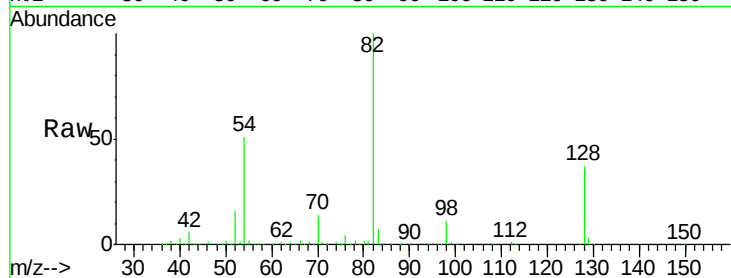




#23
 Nitrobenzene-d5
 Concen: 76.09 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF090950.D
 Acq: 1 Nov 2016 14:59

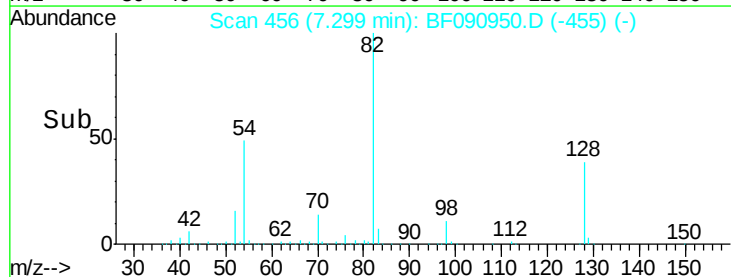
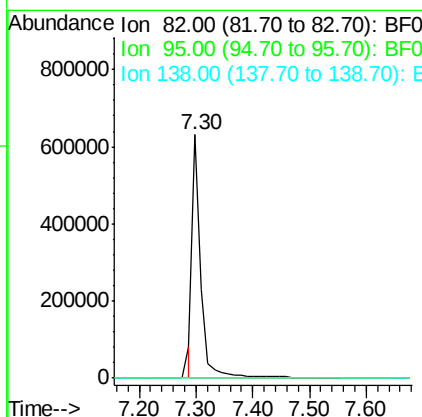
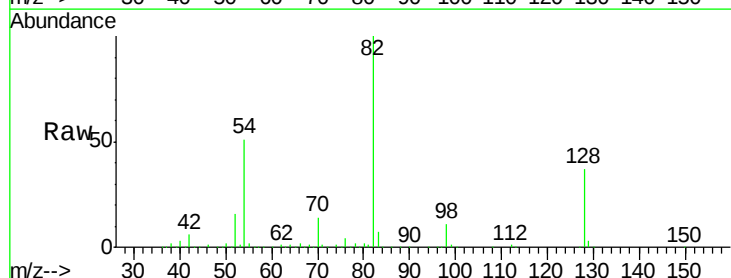
Instrument :
 BNA_F
 ClientSampleId :
 SB-5-4-5

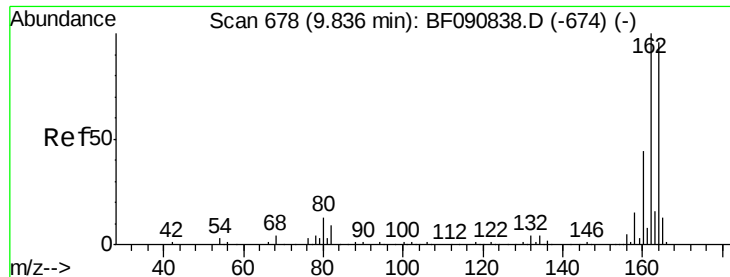
Tgt Ion: 82 Resp: 745194
 Ion Ratio Lower Upper
 82 100
 128 36.8 51.0 76.6#
 54 50.8 47.5 71.3



#25
 Isophorone
 Concen: 33.27 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.29 min
 Lab File: BF090950.D
 Acq: 1 Nov 2016 14:59

Tgt Ion: 82 Resp: 661295
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF090950.D

Acq: 1 Nov 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SB-5-4-5

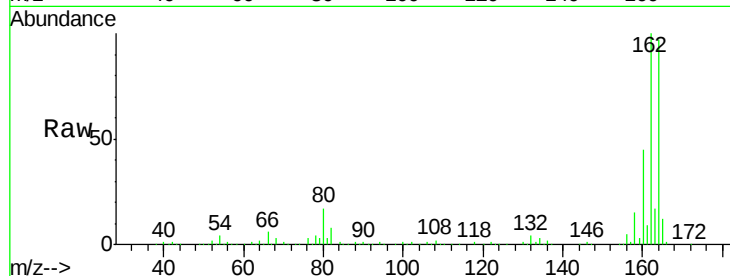
Tgt Ion:164 Resp: 340982

Ion Ratio Lower Upper

164 100

162 103.5 75.2 112.8

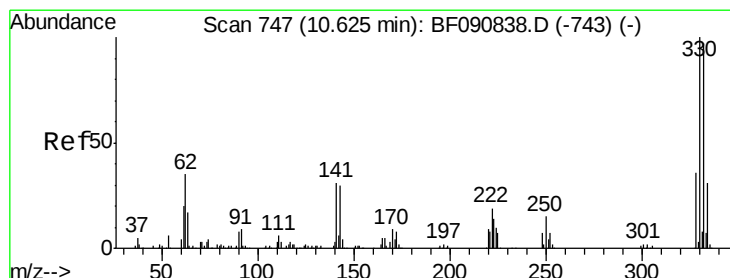
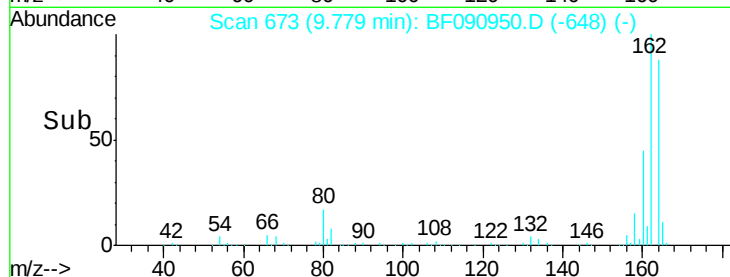
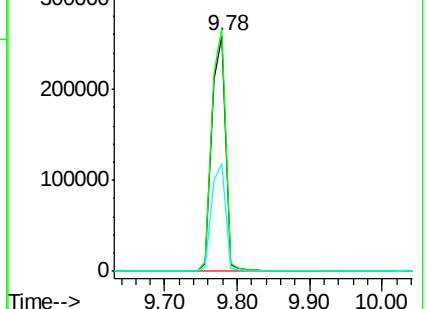
160 46.1 31.5 47.3



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: 95.15 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF090950.D

Acq: 1 Nov 2016 14:59

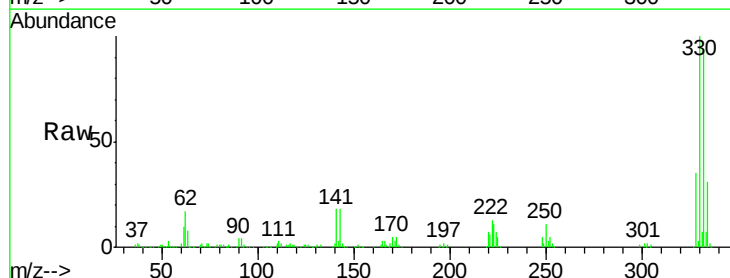
Tgt Ion:330 Resp: 333409

Ion Ratio Lower Upper

330 100

332 94.5 76.6 114.8

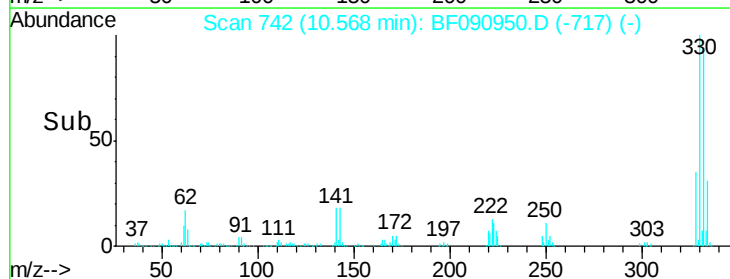
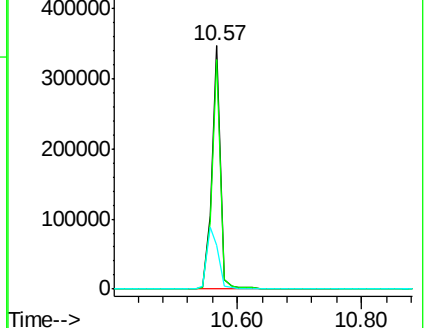
141 34.3 29.7 44.5

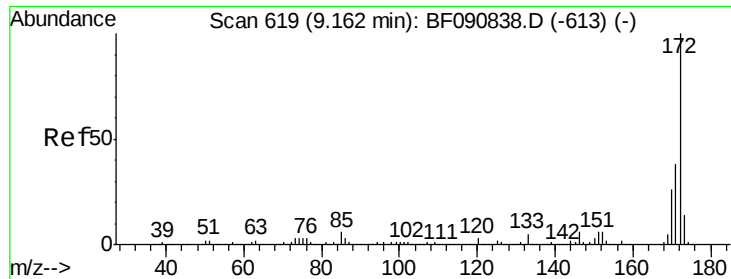


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

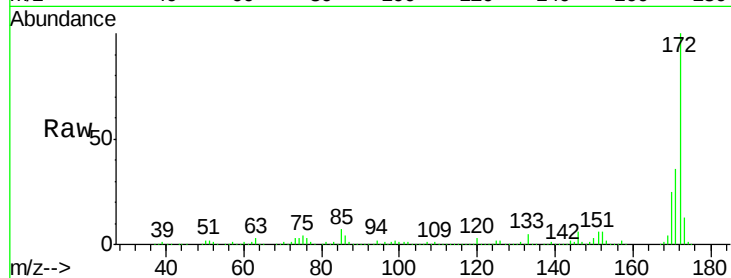




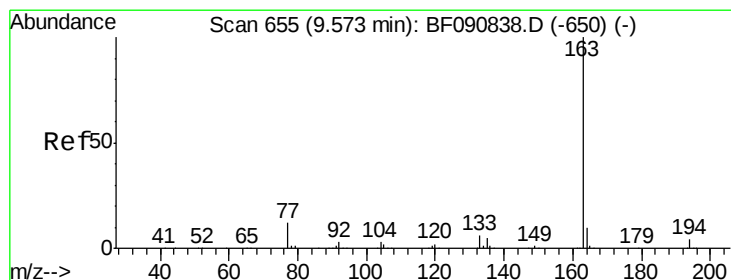
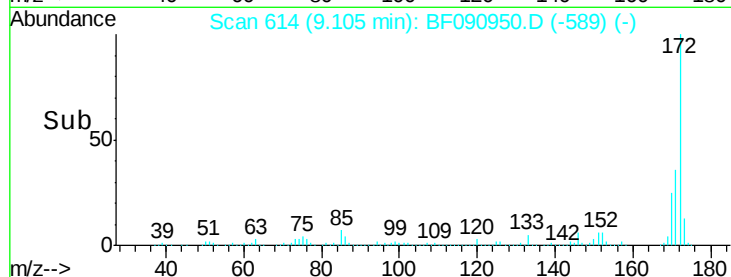
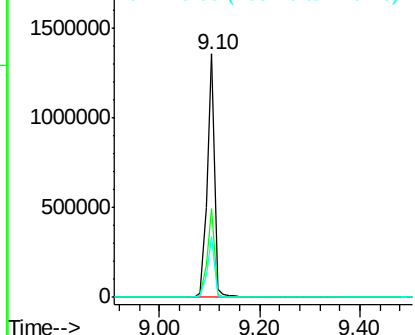
#44
 2-Fluorobiphenyl
 Concen: 70.81 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF090950.D
 Acq: 1 Nov 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-4-5

Tgt Ion:172 Resp: 1375033
 Ion Ratio Lower Upper
 172 100
 171 36.3 26.1 39.1
 170 24.8 17.4 26.2

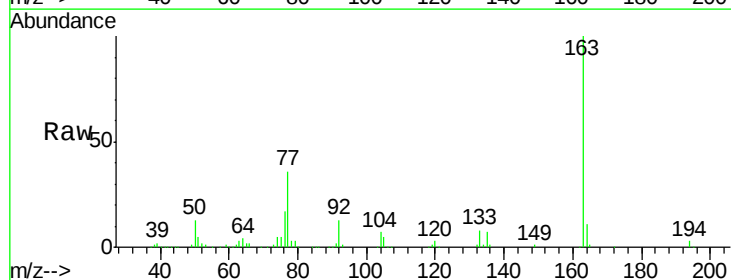


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

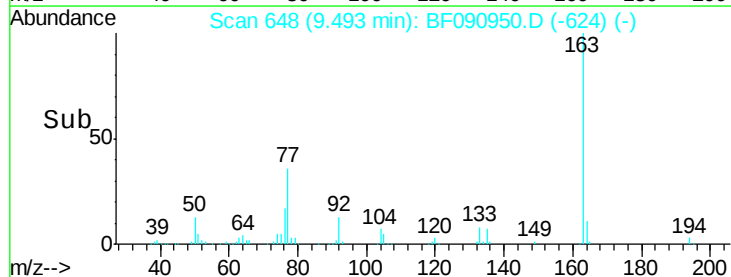
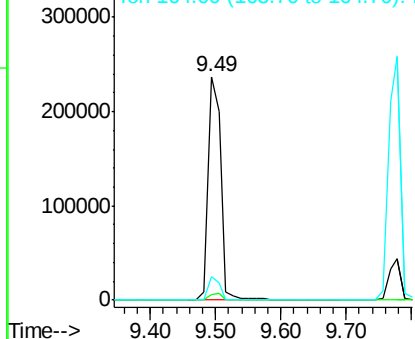


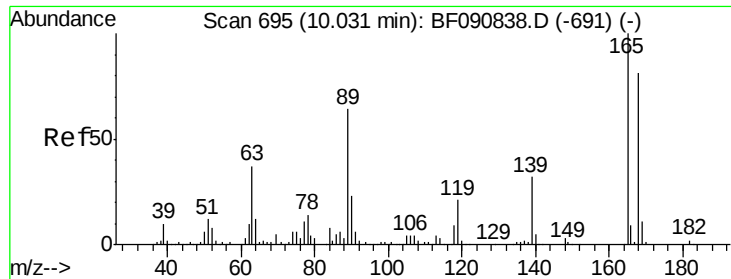
#49
 Dimethylphthalate
 Concen: 14.13 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.02 min
 Lab File: BF090950.D
 Acq: 1 Nov 2016 14:59

Tgt Ion:163 Resp: 321792
 Ion Ratio Lower Upper
 163 100
 194 2.6 4.4 6.6#
 164 10.7 8.3 12.5



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

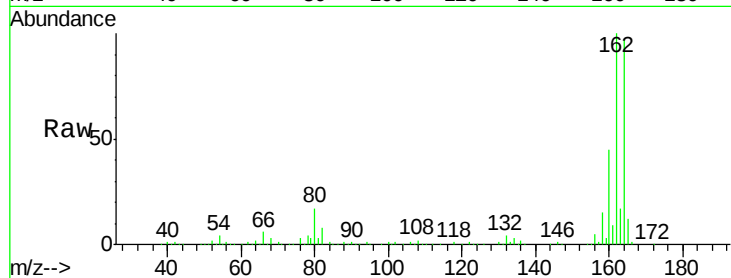




#56
2,4-Dinitrotoluene
Concen: 6.94 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.21 min
Lab File: BF090950.D
Acq: 1 Nov 2016 14:59

Instrument :
BNA_F
ClientSampleId :
SB-5-4-5

Tgt Ion:	165	Resp:	43400
Ion Ratio	Lower	Upper	
165	100		
63	1.1	29.8	44.6#
89	1.0	44.5	66.7#
182	0.0	3.0	4.4#

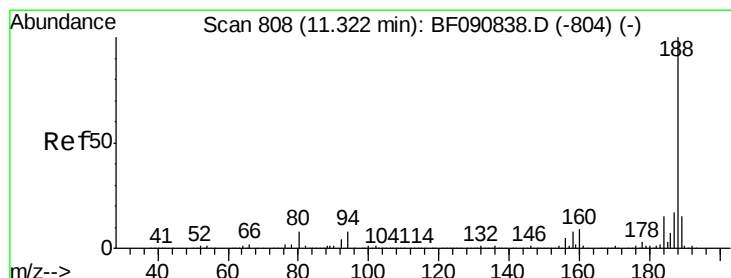
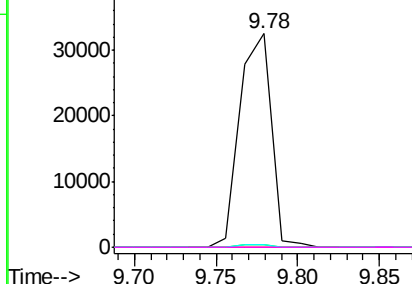
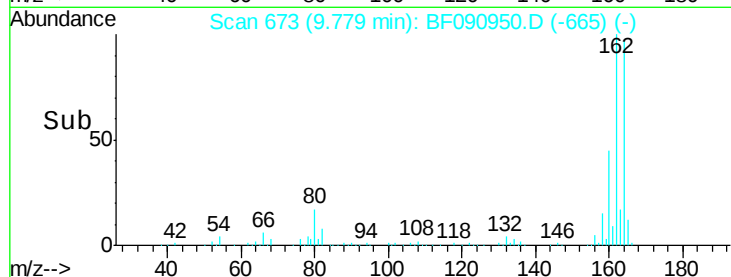


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

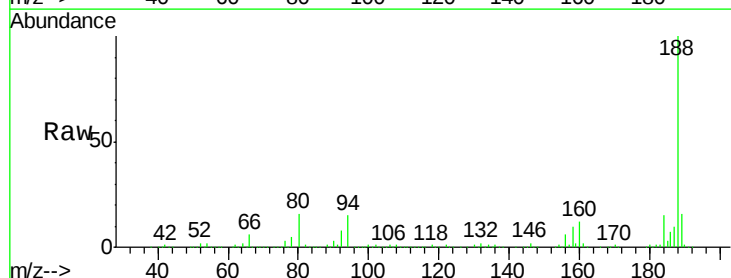
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF090950.D
Acq: 1 Nov 2016 14:59

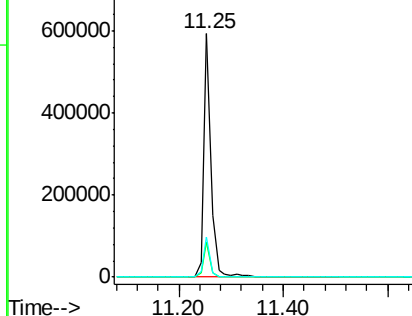
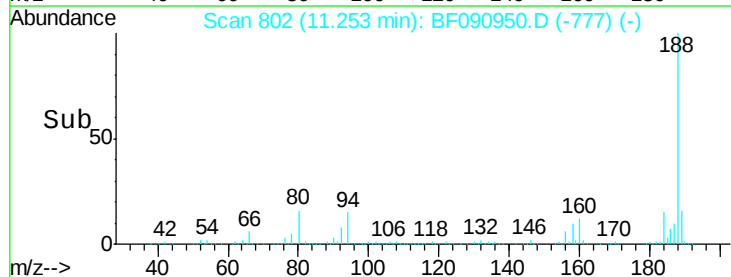
Tgt Ion:	188	Resp:	573471
Ion Ratio	Lower	Upper	
188	100		
94	14.6	11.1	16.7
80	16.5	11.0	16.4#

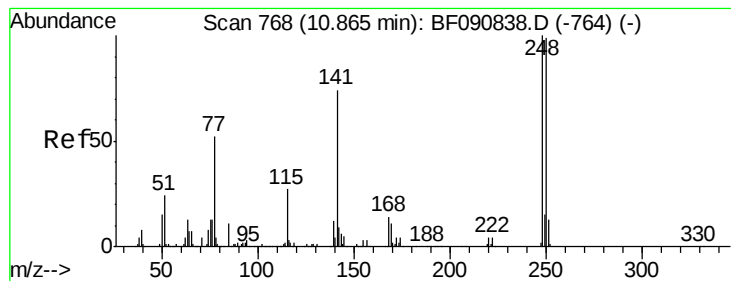


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.37 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.25 min

Lab File: BF090950.D

Acq: 1 Nov 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SB-5-4-5

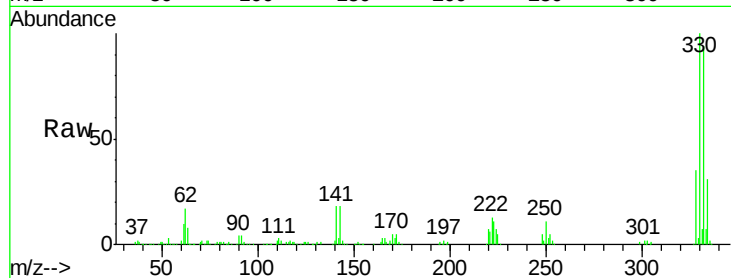
Tgt Ion:248 Resp: 21156

Ion Ratio Lower Upper

248 100

250 207.4 78.5 117.7#

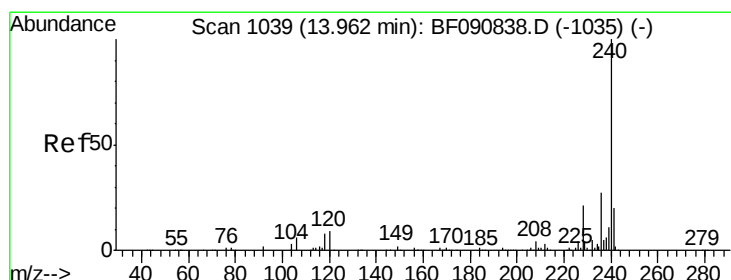
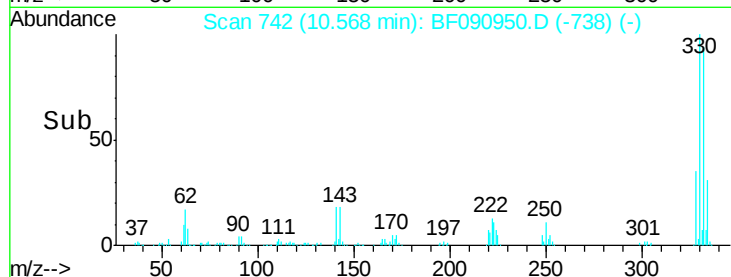
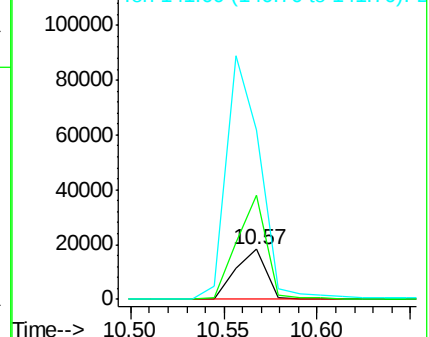
141 339.4 59.0 88.6#



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: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF090950.D

Acq: 1 Nov 2016 14:59

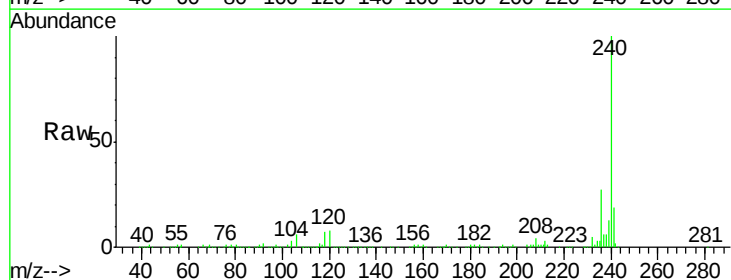
Tgt Ion:240 Resp: 475503

Ion Ratio Lower Upper

240 100

120 8.4 16.2 24.2#

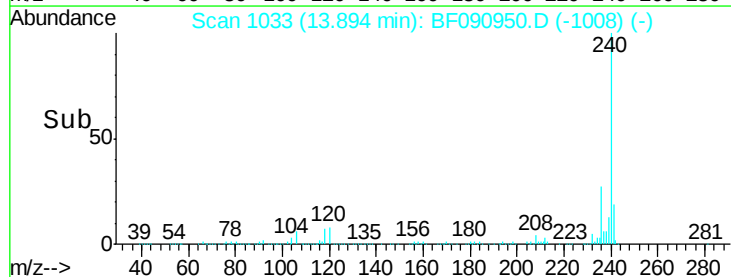
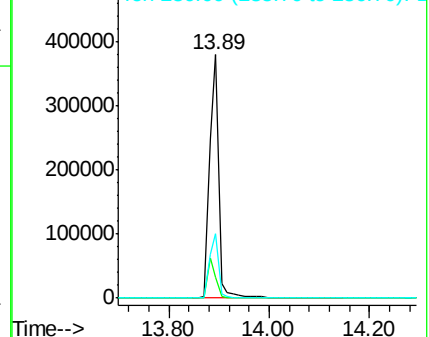
236 26.6 18.4 27.6

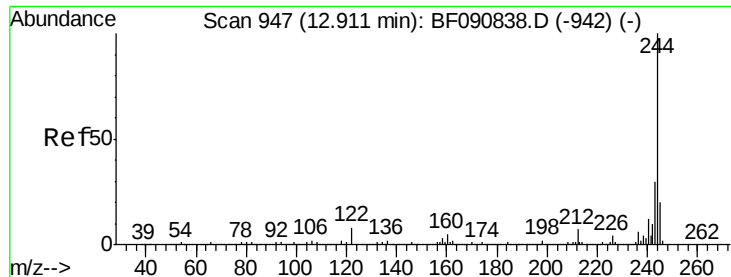


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.73 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF090950.D

Acq: 1 Nov 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SB-5-4-5

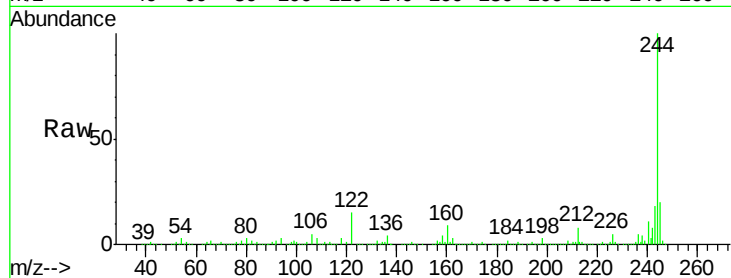
Tgt Ion:244 Resp: 1278263

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

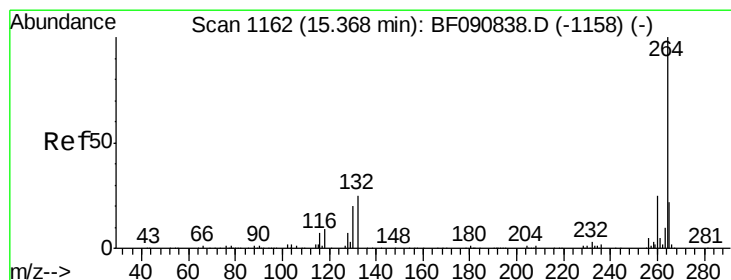
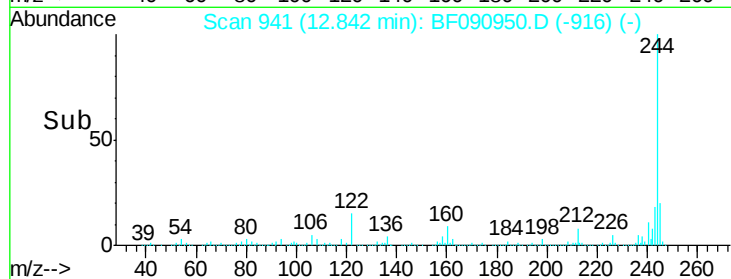
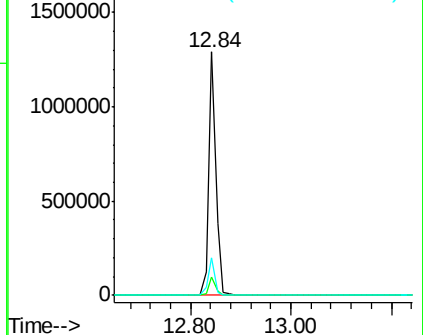
122 15.3 17.4 26.2#



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: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF090950.D

Acq: 1 Nov 2016 14:59

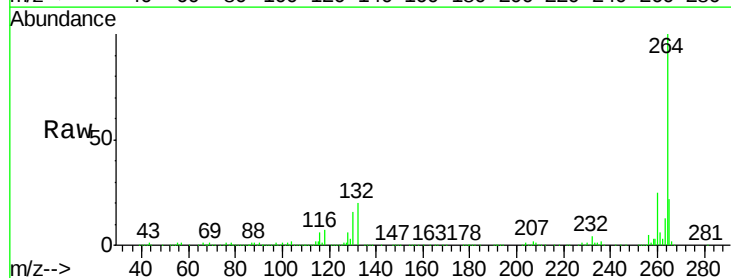
Tgt Ion:264 Resp: 355916

Ion Ratio Lower Upper

264 100

260 24.7 16.7 25.1

265 21.9 17.2 25.8



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

