

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
 Data File : BF091576.D
 Acq On : 14 Dec 2016 3:20
 Operator : UM/SJ
 Sample : H5957-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CH-1767-A-COMP

Quant Time: Dec 14 04:17:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

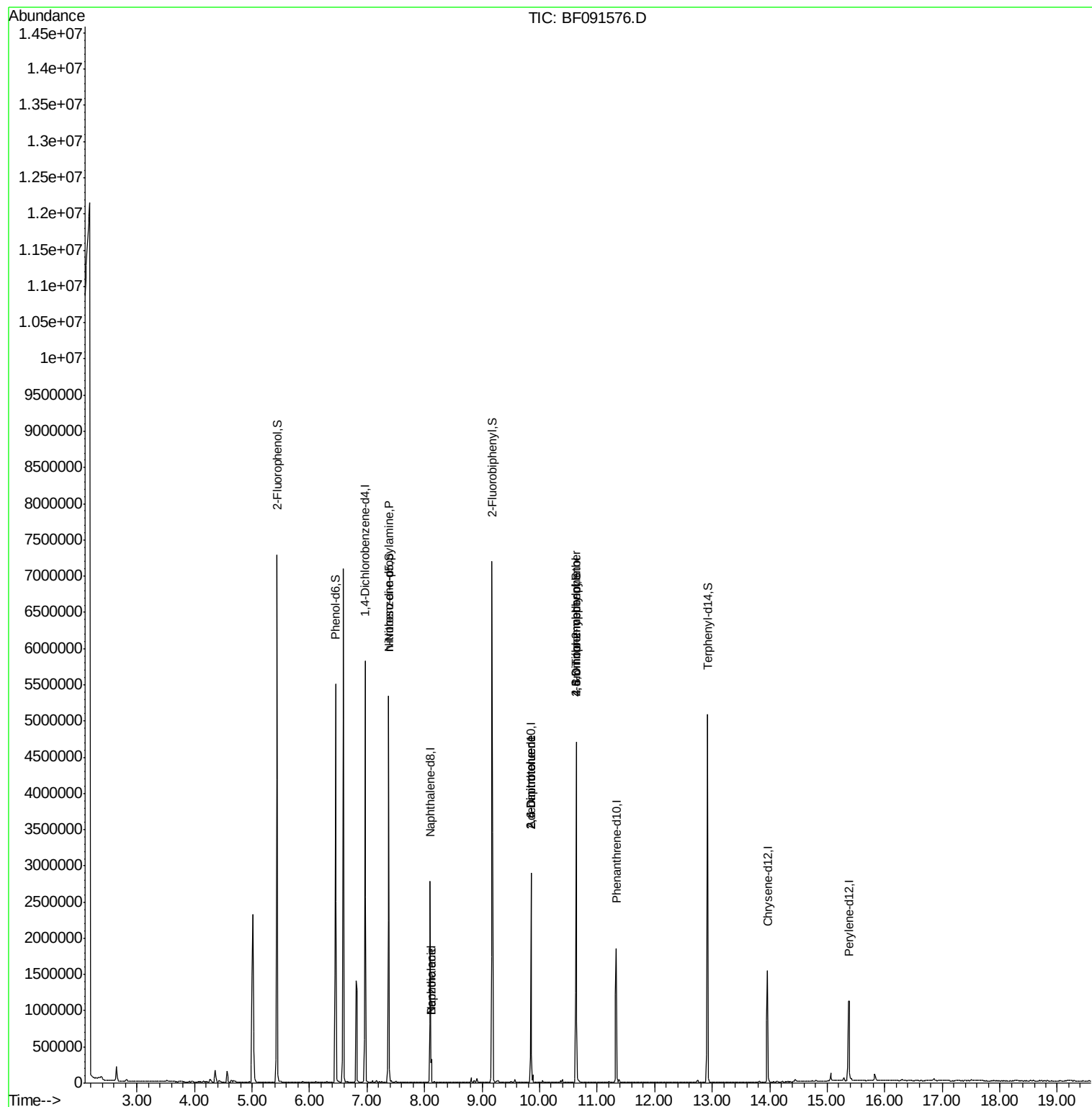
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	1018811	20.00	ng	0.15
21) Naphthalene-d8	8.10	136	1271594	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	585097	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	861783	20.00	ng	0.00
75) Chrysene-d12	13.96	240	640266	20.00	ng	0.00
86) Perylene-d12	15.38	264	646613	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	2266768	37.48	ng	0.02
7) Phenol-d6	6.45	99	2395344	31.77	ng	0.00
23) Nitrobenzene-d5	7.38	82	1907385	83.72	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	562669	115.78	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2911742	85.99	ng	-0.01
78) Terphenyl-d14	12.92	244	2327743	82.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	266223	5.65	ng	# 64
31) Naphthalene	8.12	128	175532	2.97	ng	96
32) Benzoic acid	8.12	122	536	4.93	ng	# 1
50) 2,6-Dinitrotoluene	9.85	165	76533	9.41	ng	# 17
56) 2,4-Dinitrotoluene	9.85	165	76535	7.51	ng	# 34
57) Fluorene	10.40	166	12126	Below Cal		99
64) 4,6-Dinitro-2-methylphenol	10.64	198	1300	3.18	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	35446	4.01	ng	# 1

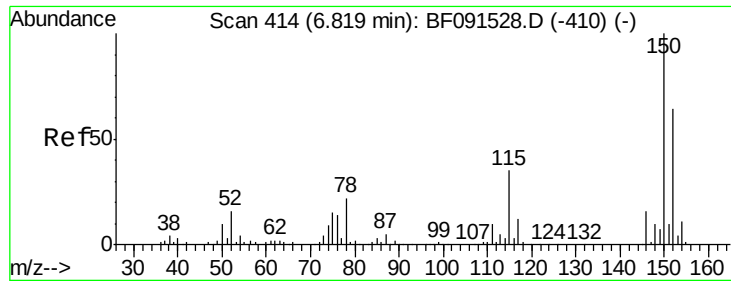
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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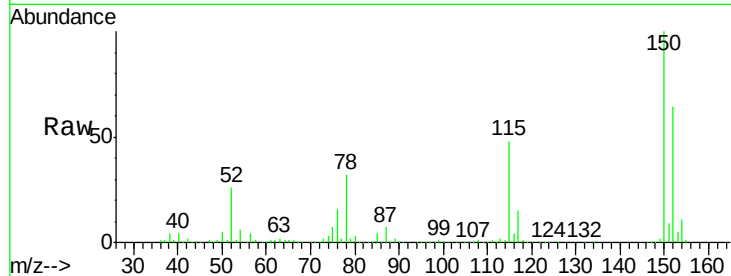




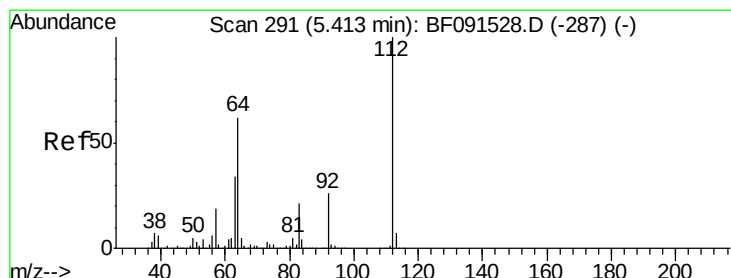
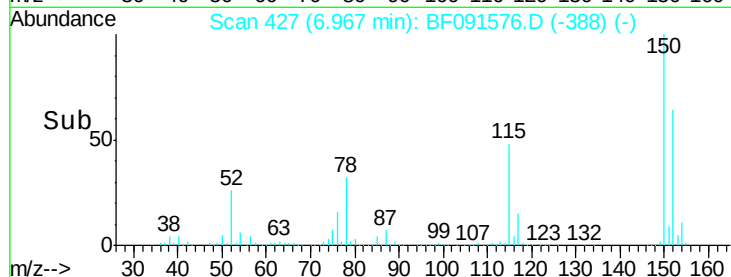
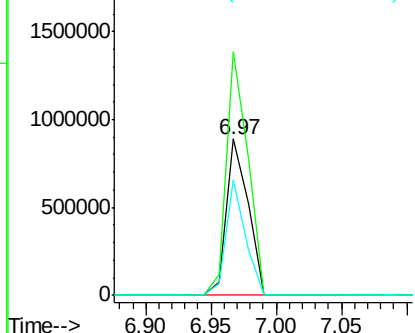
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.15 min
 Lab File: BF091576.D
 Acq: 14 Dec 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 CH-1767-A-COMP

Tgt Ion:152 Resp: 1018811
 Ion Ratio Lower Upper
 152 100
 150 155.5 122.5 183.7
 115 73.9 51.8 77.8

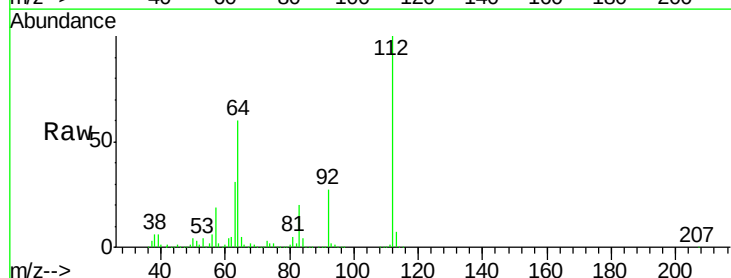


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

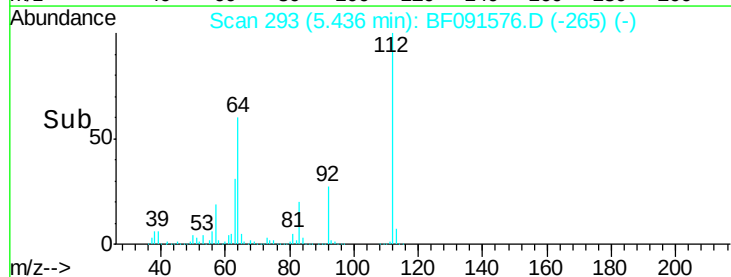
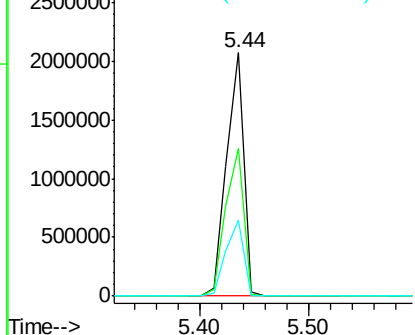


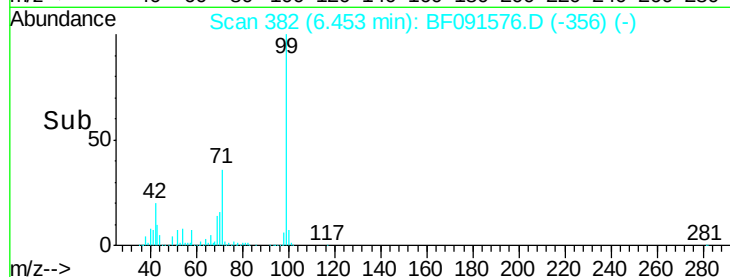
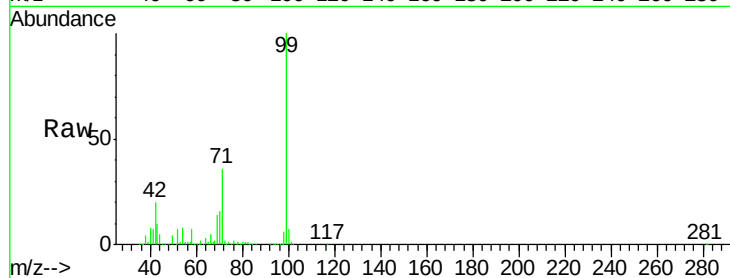
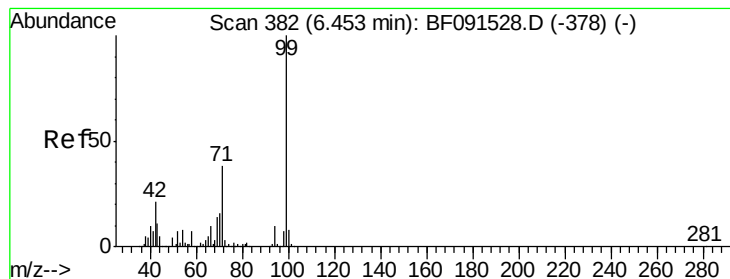
#5
 2-Fluorophenol
 Concen: 37.48 ng
 RT: 5.44 min Scan# 293
 Delta R.T. 0.02 min
 Lab File: BF091576.D
 Acq: 14 Dec 2016 3:20

Tgt Ion:112 Resp: 2266768
 Ion Ratio Lower Upper
 112 100
 64 60.4 61.5 92.3#
 63 31.3 33.3 49.9#



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: 31.77 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091576.D

Acq: 14 Dec 2016 3:20

Instrument :

BNA_F

ClientSampleId :

CH-1767-A-COMP

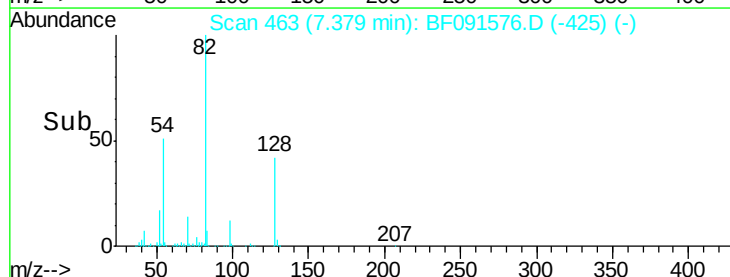
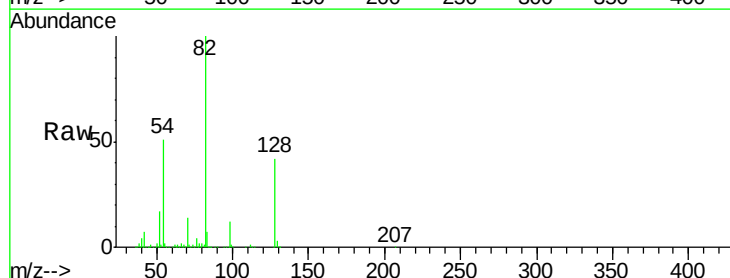
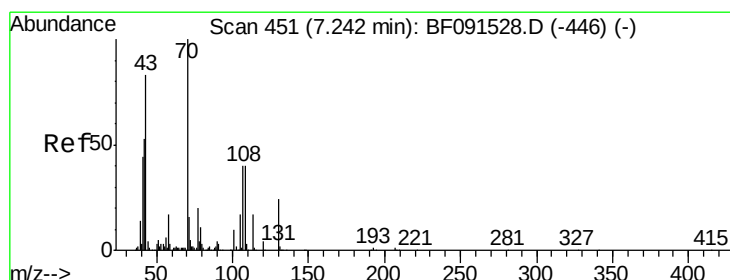
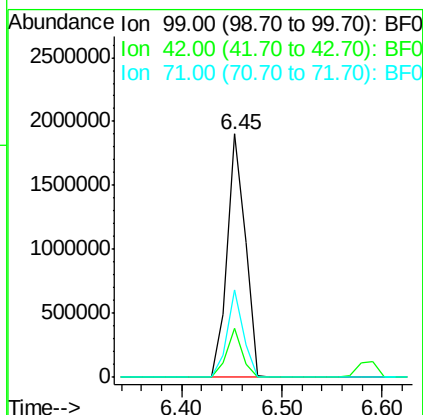
Tgt Ion: 99 Resp: 2395344

Ion Ratio Lower Upper

99 100

42 20.3 20.6 31.0#

71 35.8 29.9 44.9



#19

n-Nitroso-di-n-propylamine

Concen: 5.65 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.14 min

Lab File: BF091576.D

Acq: 14 Dec 2016 3:20

Tgt Ion: 70 Resp: 266223

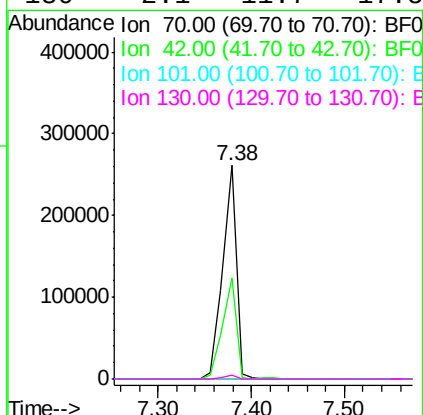
Ion Ratio Lower Upper

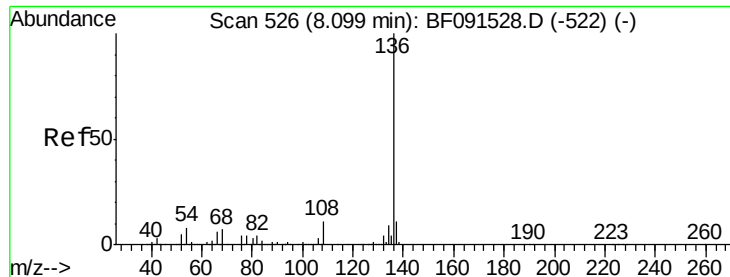
70 100

42 47.4 64.8 97.2#

101 0.0 6.2 9.4#

130 2.1 11.7 17.5#

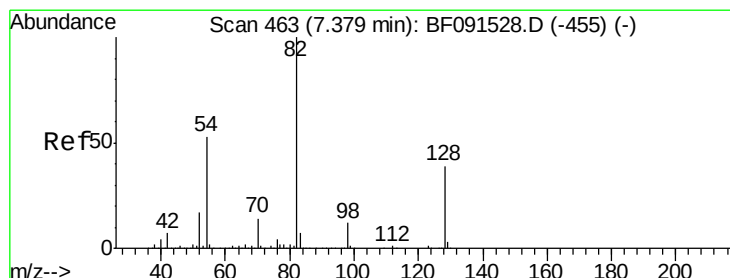
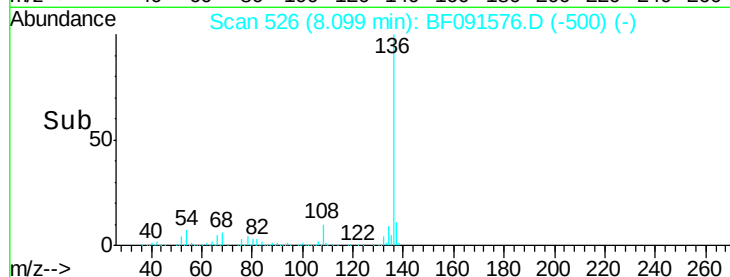
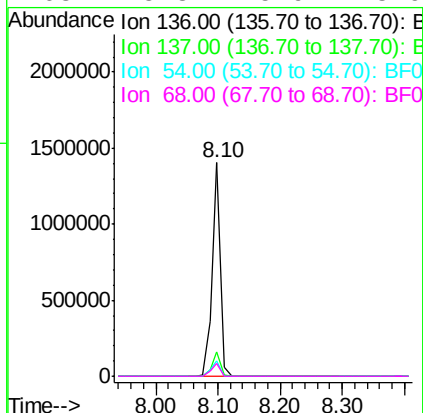
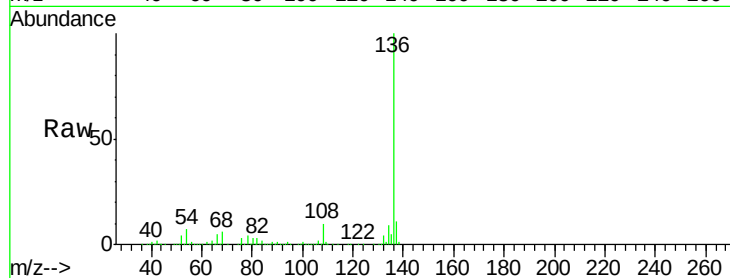




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091576.D
Acq: 14 Dec 2016 3:20

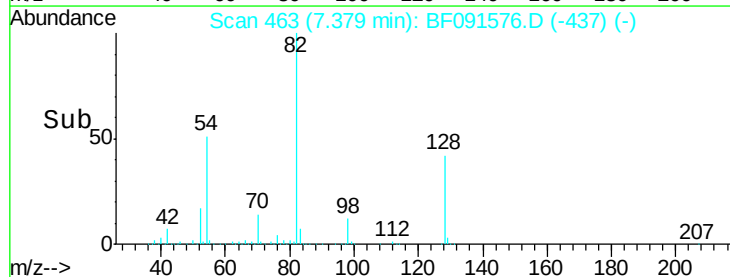
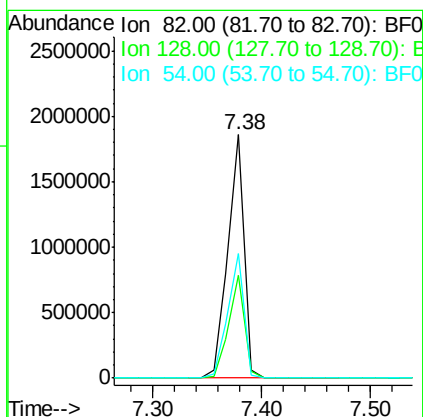
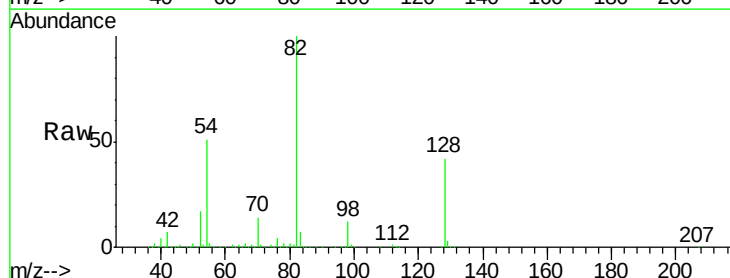
Instrument :
BNA_F
ClientSampleId :
CH-1767-A-COMP

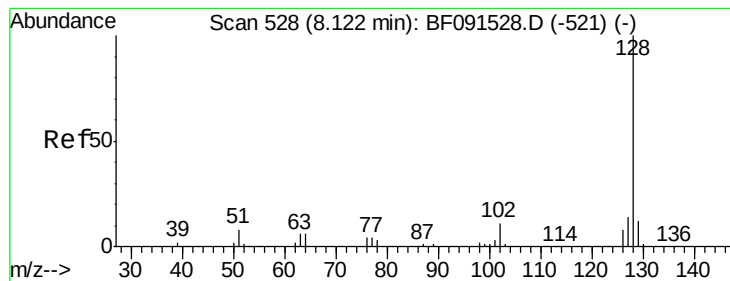
Tgt Ion:	136	Resp:	1271594
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.3	9.1	13.7#
68	5.8	5.9	8.9#



#23
Nitrobenzene-d5
Concen: 83.72 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF091576.D
Acq: 14 Dec 2016 3:20

Tgt Ion:	82	Resp:	1907385
Ion	Ratio	Lower	Upper
82	100		
128	42.3	31.8	47.6
54	51.2	49.1	73.7





#31

Naphthalene

Concen: 2.97 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF091576.D

Acq: 14 Dec 2016 3:20

Instrument :

BNA_F

ClientSampleId :

CH-1767-A-COMP

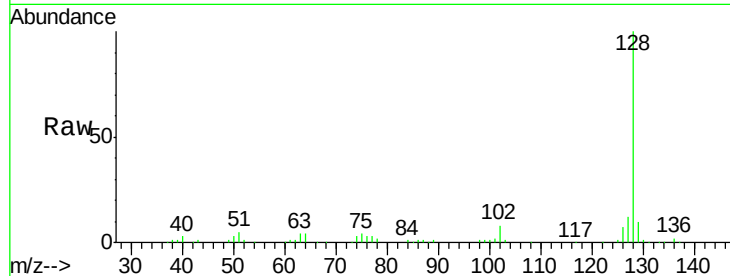
Tgt Ion:128 Resp: 175532

Ion Ratio Lower Upper

128 100

129 10.0 9.1 13.7

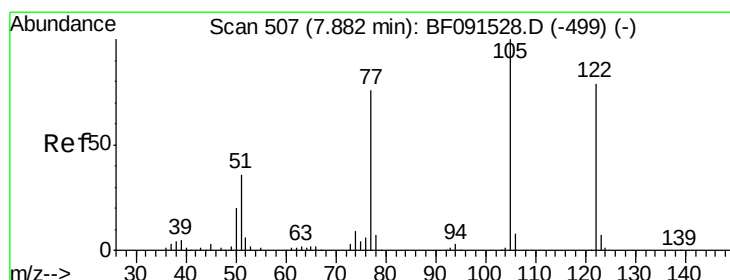
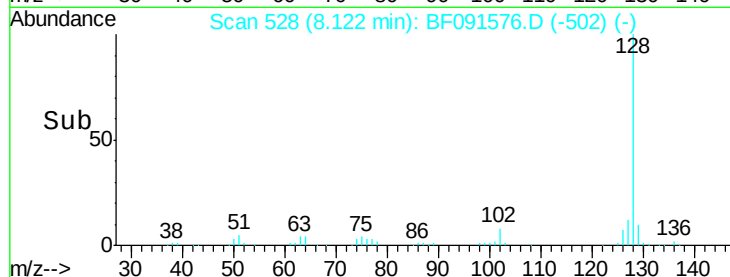
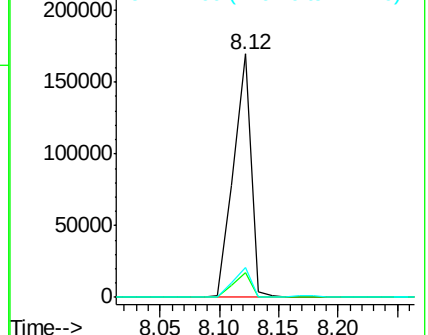
127 12.1 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 4.93 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.24 min

Lab File: BF091576.D

Acq: 14 Dec 2016 3:20

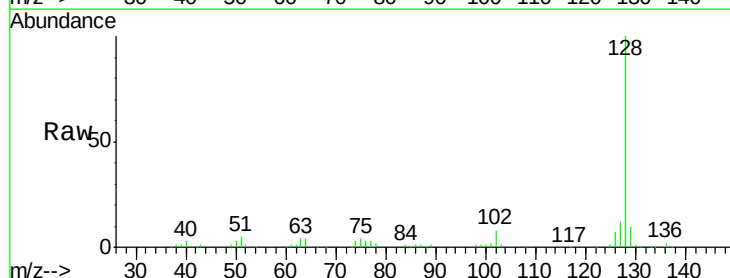
Tgt Ion:122 Resp: 536

Ion Ratio Lower Upper

122 100

105 0.0 113.0 153.0#

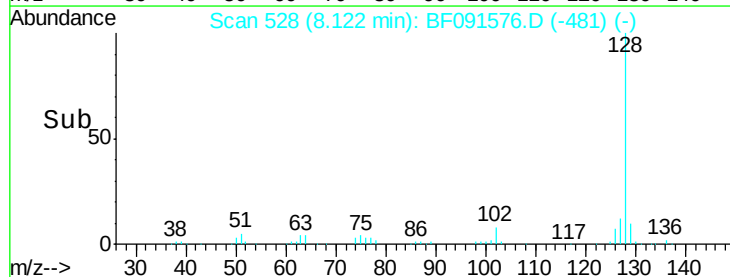
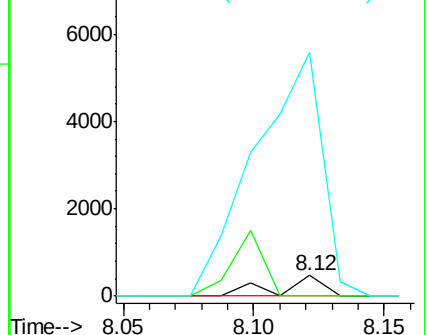
77 1176.4 82.0 122.0#

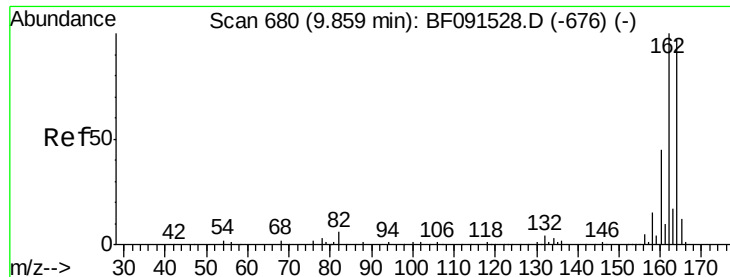


Abundance Ion 122.00 (121.70 to 122.70): E

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: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF091576.D

Acq: 14 Dec 2016 3:20

Instrument :

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ClientSampleId :

CH-1767-A-COMP

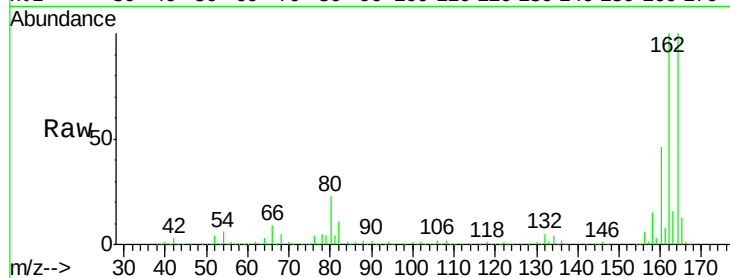
Tgt Ion:164 Resp: 585097

Ion Ratio Lower Upper

164 100

162 100.0 82.6 124.0

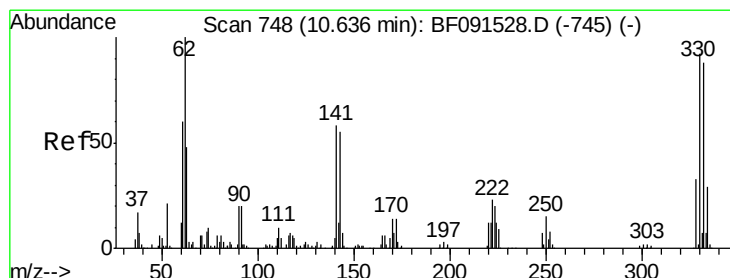
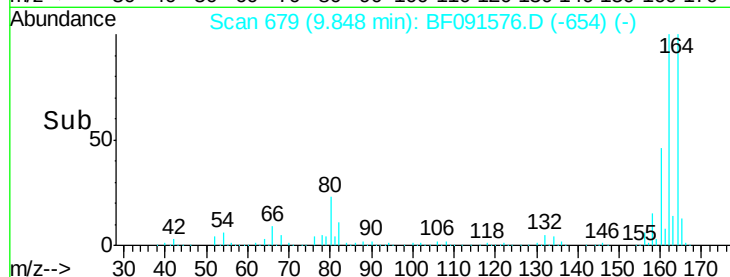
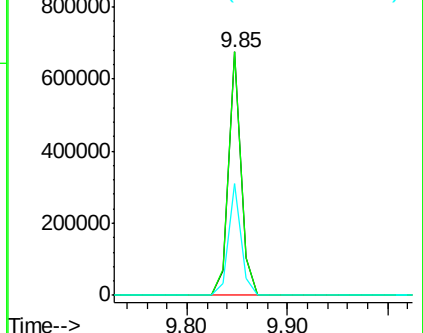
160 45.9 36.7 55.1



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: 115.78 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF091576.D

Acq: 14 Dec 2016 3:20

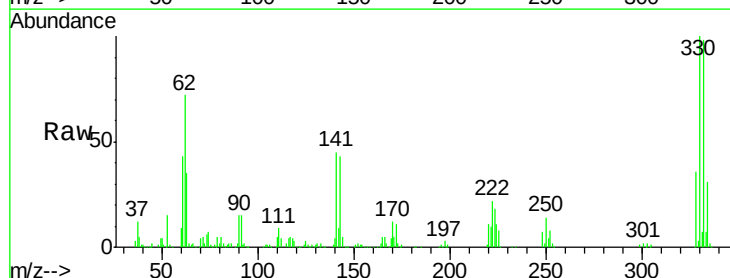
Tgt Ion:330 Resp: 562669

Ion Ratio Lower Upper

330 100

332 97.9 76.2 114.4

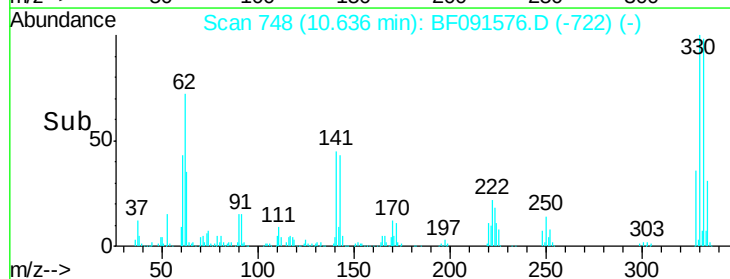
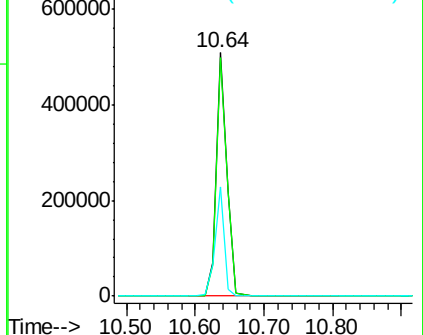
141 38.7 33.6 50.4

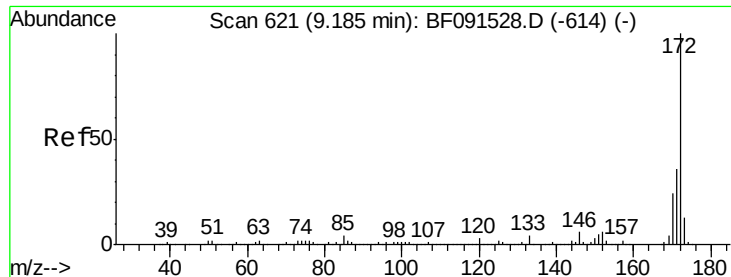


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

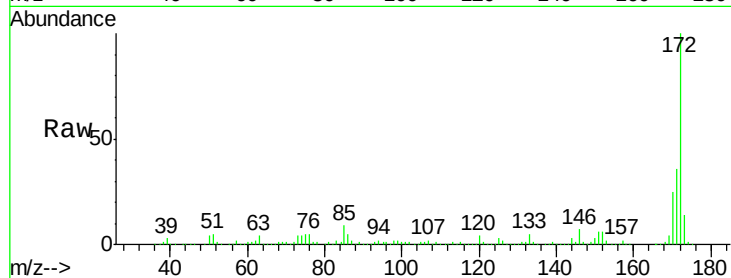




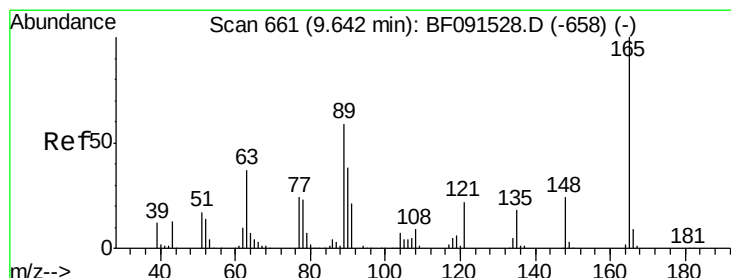
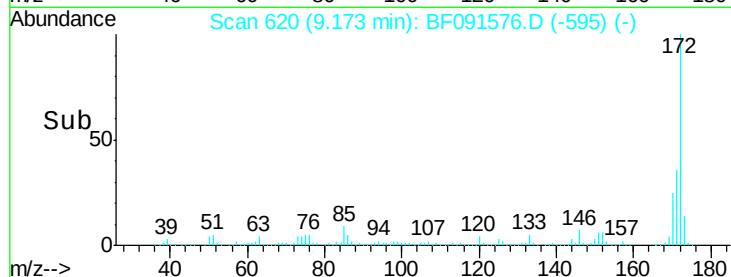
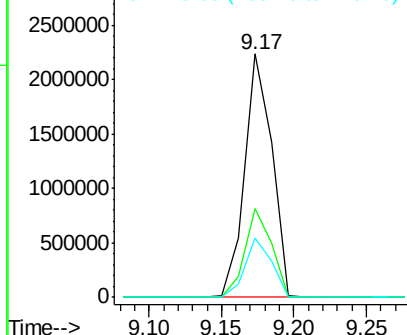
#44
 2-Fluorobiphenyl
 Concen: 85.99 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091576.D
 Acq: 14 Dec 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 CH-1767-A-COMP

Tgt Ion:172 Resp: 2911742
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.6 19.7 29.5

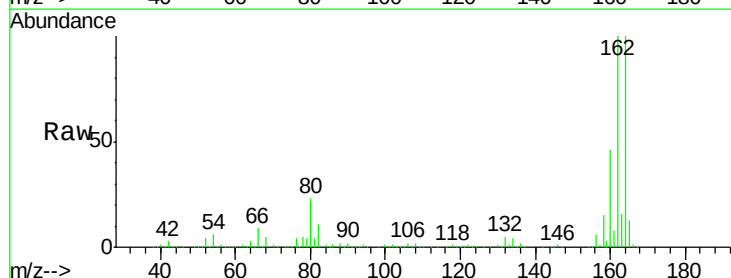


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

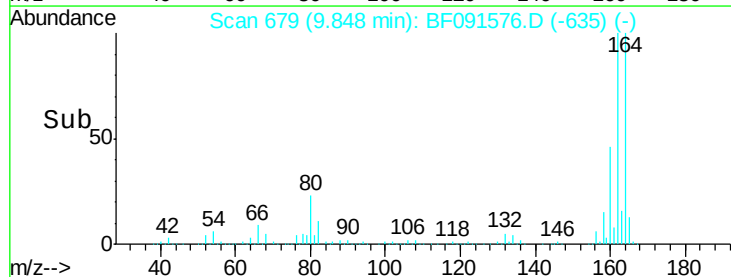
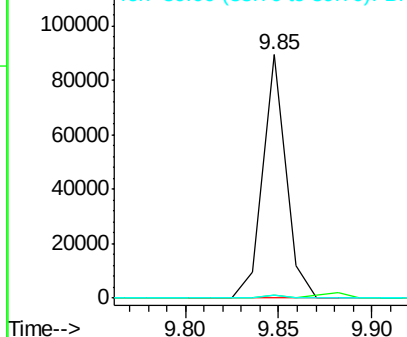


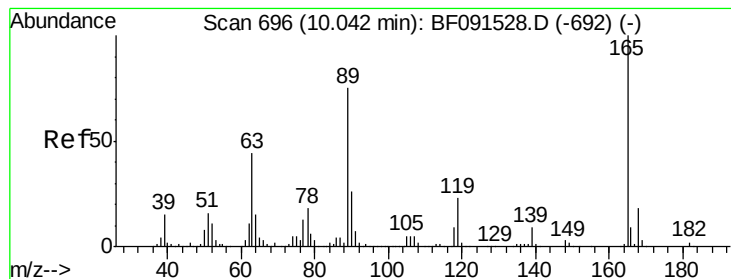
#50
 2,6-Dinitrotoluene
 Concen: 9.41 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.21 min
 Lab File: BF091576.D
 Acq: 14 Dec 2016 3:20

Tgt Ion:165 Resp: 76533
 Ion Ratio Lower Upper
 165 100
 63 1.1 59.4 89.0#
 89 1.1 50.8 76.2#



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: 7.51 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.19 min

Lab File: BF091576.D

Acq: 14 Dec 2016 3:20

Instrument :

BNA_F

ClientSampleId :

CH-1767-A-COMP

Tgt Ion:165 Resp: 76535

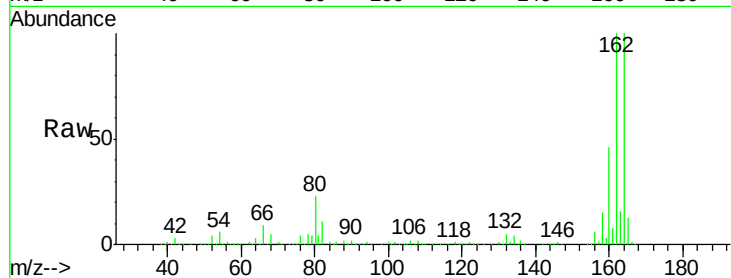
Ion Ratio Lower Upper

165 100

63 1.1 29.0 43.4#

89 1.1 43.1 64.7#

182 0.0 1.9 2.9#

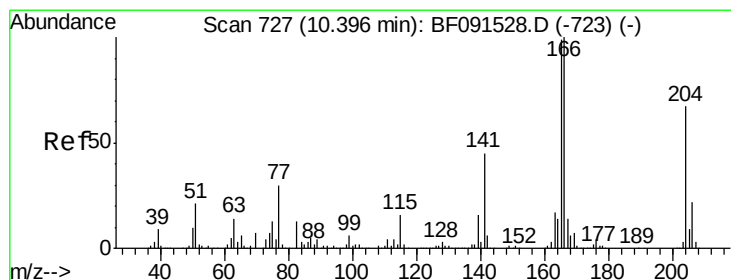
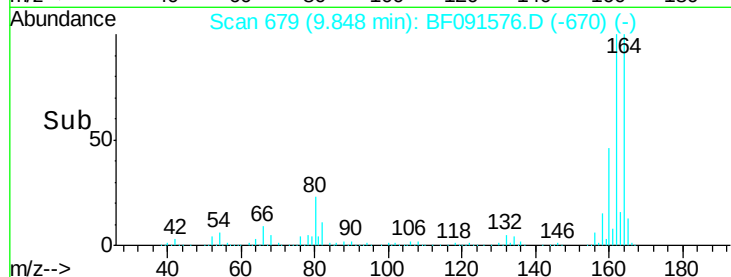
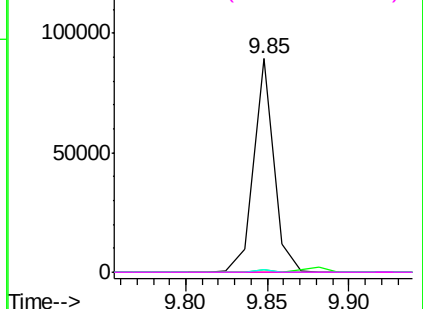


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: Below Cal

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091576.D

Acq: 14 Dec 2016 3:20

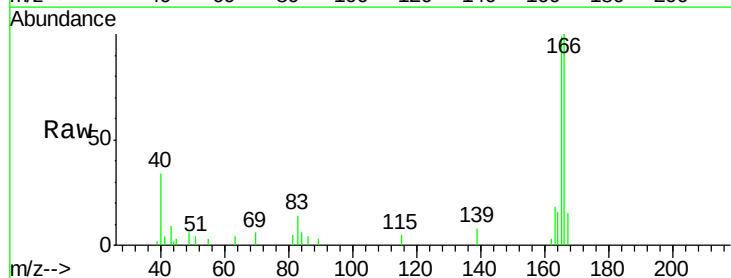
Tgt Ion:166 Resp: 12126

Ion Ratio Lower Upper

166 100

165 98.9 80.0 120.0

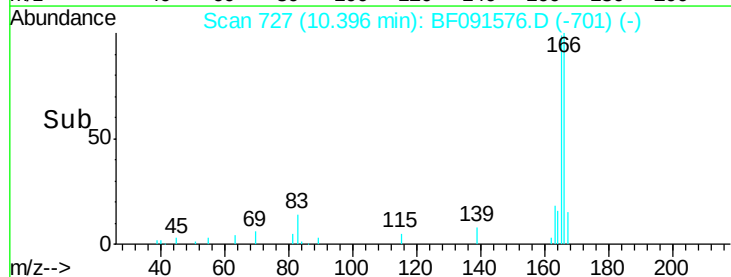
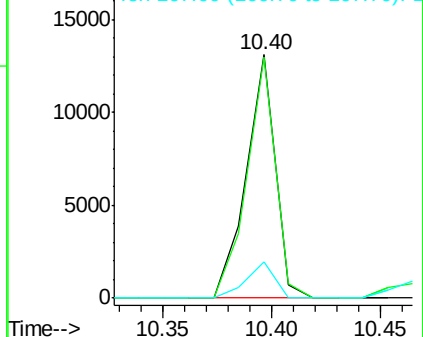
167 14.6 10.8 16.2

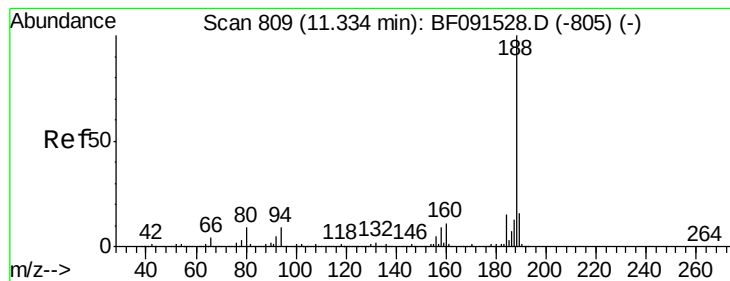


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF091576.D

Acq: 14 Dec 2016 3:20

Instrument :

BNA_F

ClientSampleId :

CH-1767-A-COMP

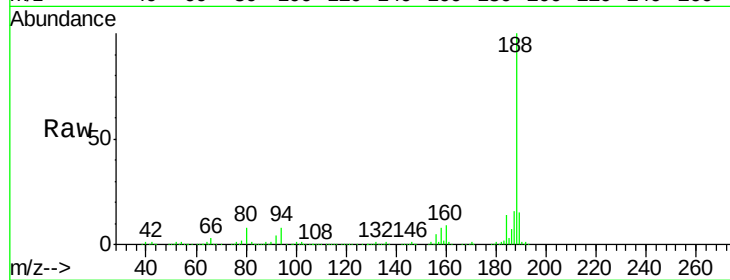
Tgt Ion:188 Resp: 861783

Ion Ratio Lower Upper

188 100

94 7.6 9.2 13.8#

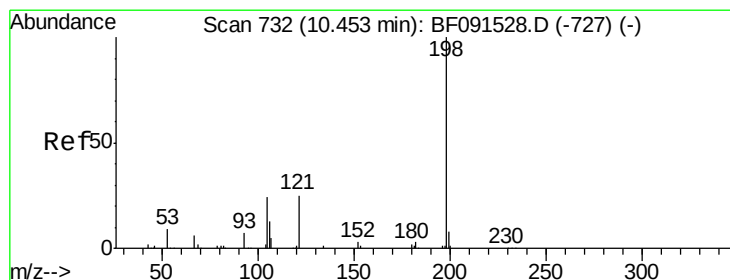
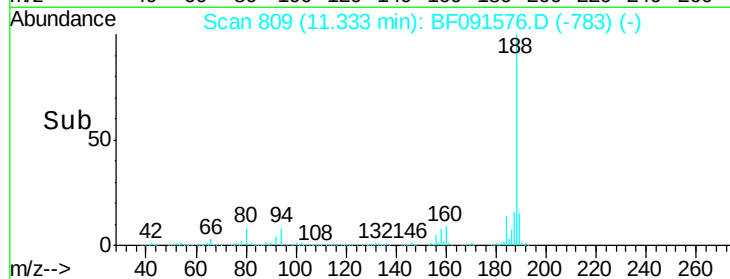
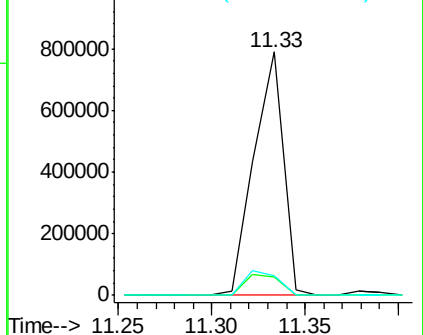
80 7.8 10.5 15.7#



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: 3.18 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.18 min

Lab File: BF091576.D

Acq: 14 Dec 2016 3:20

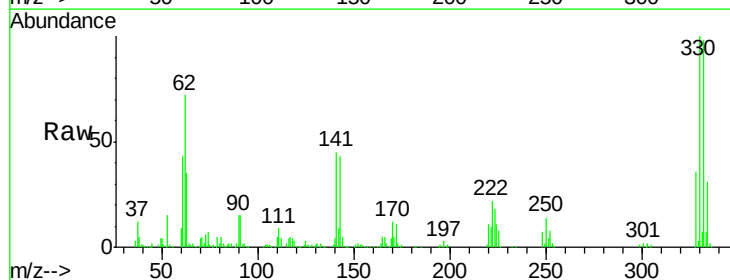
Tgt Ion:198 Resp: 1300

Ion Ratio Lower Upper

198 100

51 238.9 77.1 117.1#

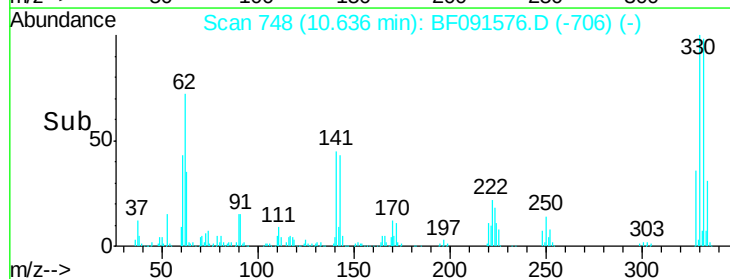
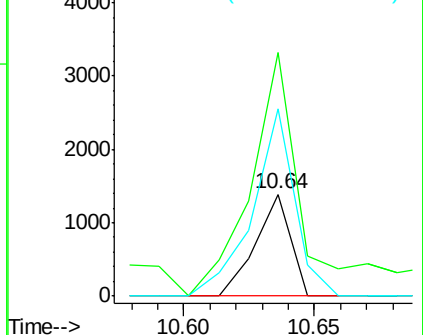
105 183.5 44.8 84.8#

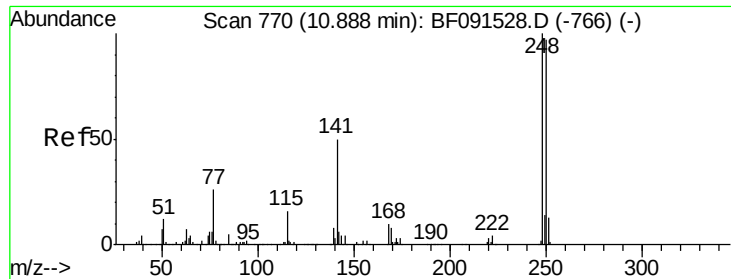


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

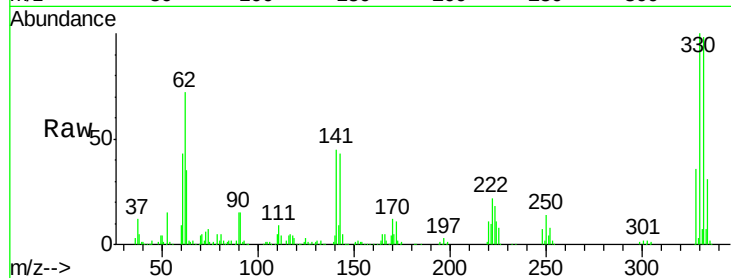




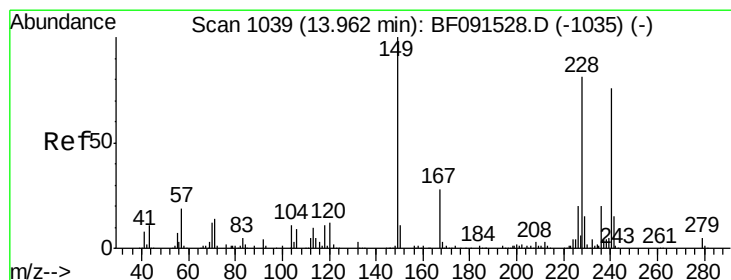
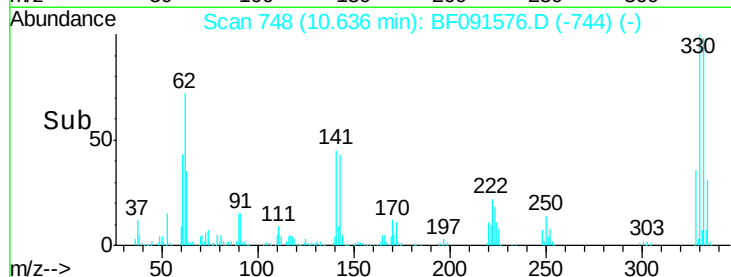
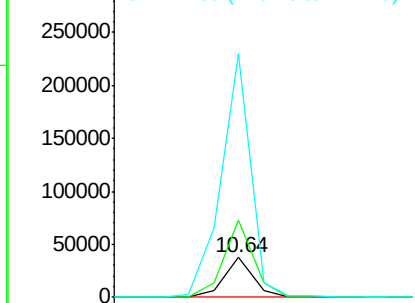
#66
4-Bromophenyl-phenylether
Concen: 4.01 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.25 min
Lab File: BF091576.D
Acq: 14 Dec 2016 3:20

Instrument :
BNA_F
ClientSampleId :
CH-1767-A-COMP

Tgt Ion:248 Resp: 35446
Ion Ratio Lower Upper
248 100
250 194.0 78.2 117.4#
141 613.2 71.9 107.9#

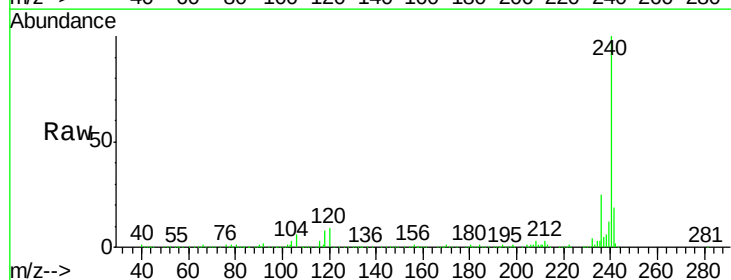


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF091576.D
Acq: 14 Dec 2016 3:20

Tgt Ion:240 Resp: 640266
Ion Ratio Lower Upper
240 100
120 8.9 12.1 18.1#
236 25.3 21.0 31.6



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

