

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122716\
 Data File : BF091979.D
 Acq On : 27 Dec 2016 20:36
 Operator : UM/SJ
 Sample : H6244-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-122216

Quant Time: Dec 28 00:01:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

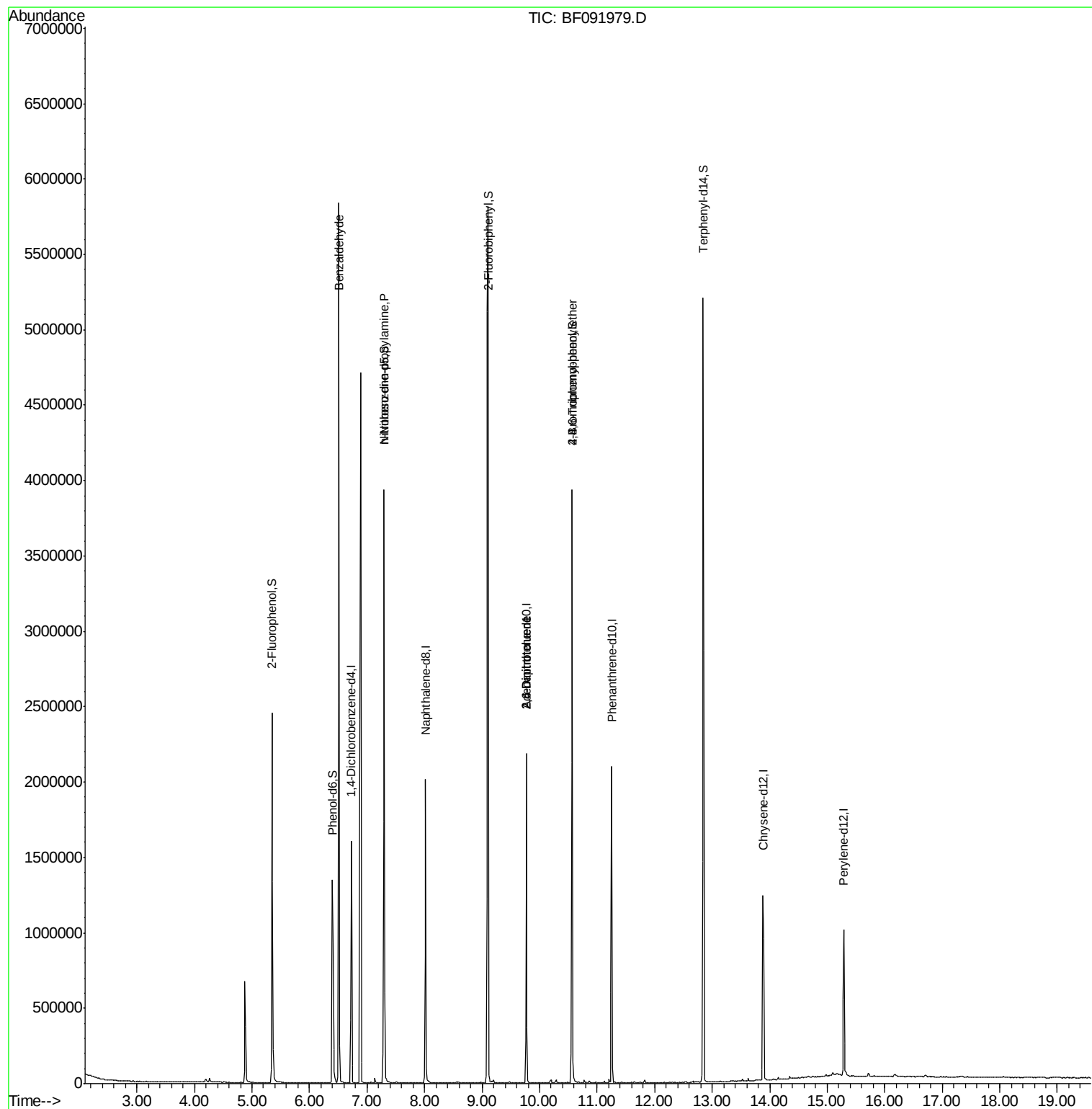
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	242929	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	1059159	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	462222	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	775842	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	581810	20.00	ng	-0.02
86) Perylene-d12	15.29	264	457296	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	859766	59.09	ng	0.00
7) Phenol-d6	6.40	99	674342	37.96	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1574343	82.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	513571	134.26	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2856541	134.07	ng	-0.01
78) Terphenyl-d14	12.84	244	2213935	92.29	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.51	77	41128	2.87	ng	# 71
19) n-Nitroso-di-n-propylamine	7.30	70	209971	17.77	ng	# 78
50) 2,6-Dinitrotoluene	9.77	165	59576	9.21	ng	# 31
56) 2,4-Dinitrotoluene	9.77	165	59578	7.34	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	35092	4.35	ng	# 1
71) Anthracene	11.28	178	691	Below Cal		# 59
73) Di-n-butylphthalate	11.83	149	9634	Below Cal		99
74) Fluoranthene	12.47	202	307	Below Cal		61

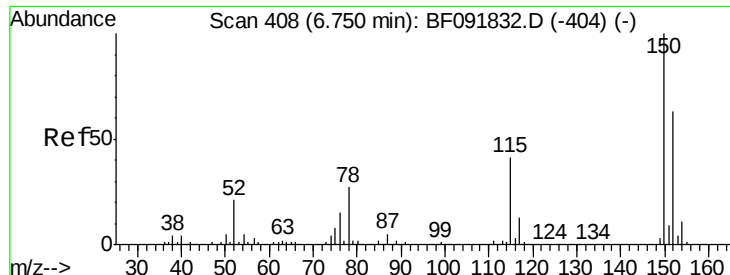
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091979.D

Acq: 27 Dec 2016 20:36

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-122216

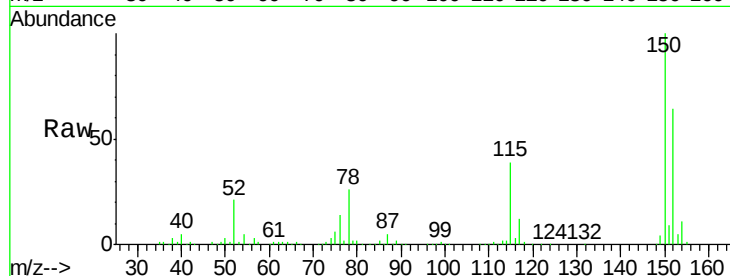
Tgt Ion:152 Resp: 242929

Ion Ratio Lower Upper

152 100

150 155.2 124.9 187.3

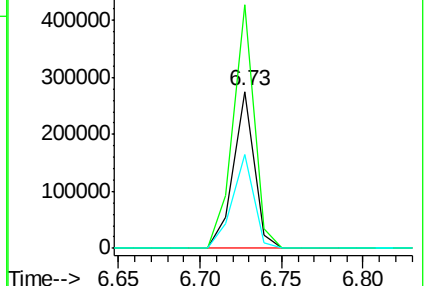
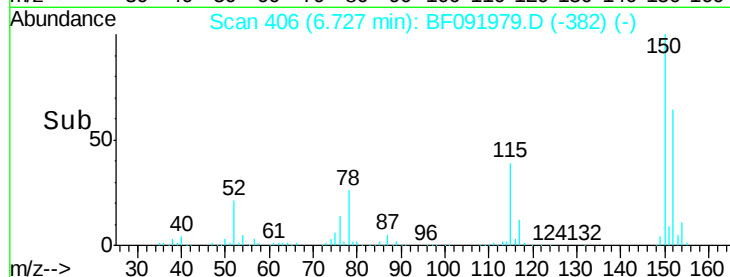
115 60.0 46.0 69.0



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: 59.09 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091979.D

Acq: 27 Dec 2016 20:36

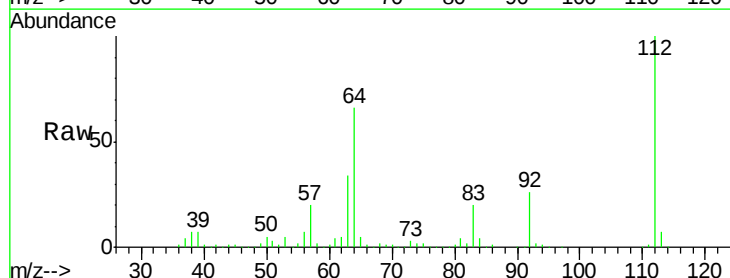
Tgt Ion:112 Resp: 859766

Ion Ratio Lower Upper

112 100

64 66.3 46.1 69.1

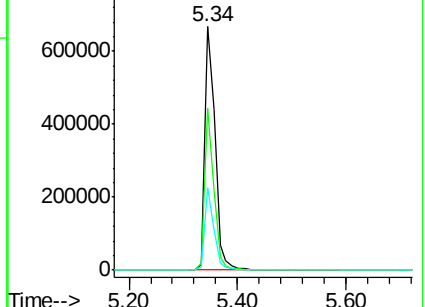
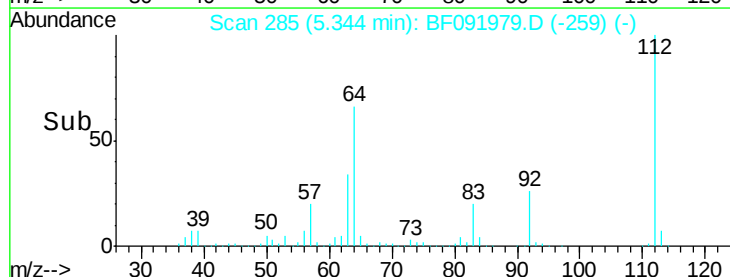
63 34.0 23.8 35.6



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: 37.96 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091979.D

Acq: 27 Dec 2016 20:36

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-122216

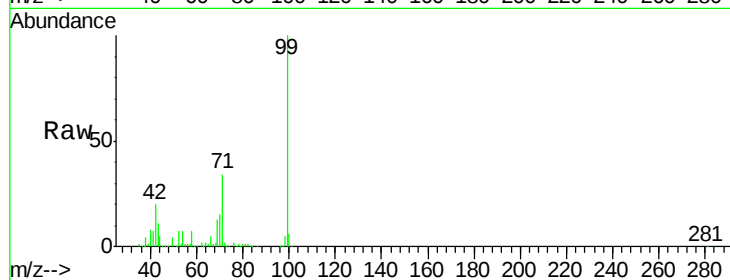
Tgt Ion: 99 Resp: 674342

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

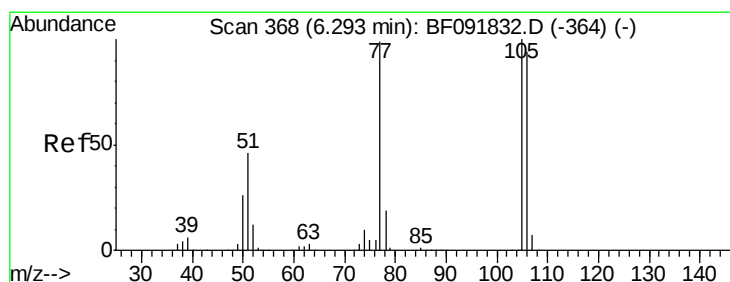
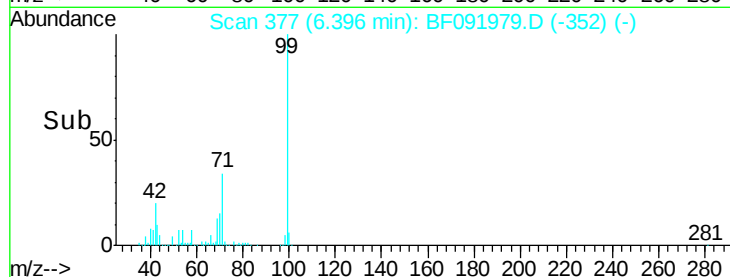
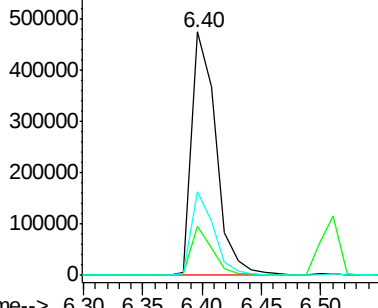
71 34.3 27.5 41.3



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: 2.87 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.22 min

Lab File: BF091979.D

Acq: 27 Dec 2016 20:36

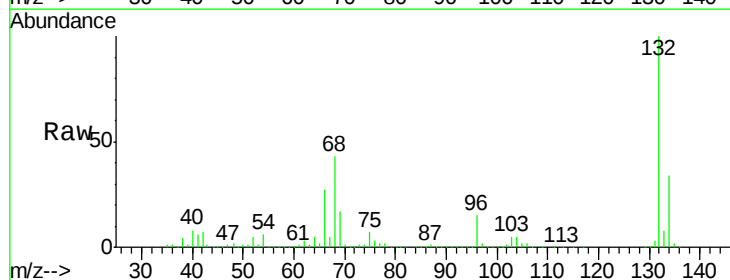
Tgt Ion: 77 Resp: 41128

Ion Ratio Lower Upper

77 100

105 78.6 83.9 123.9#

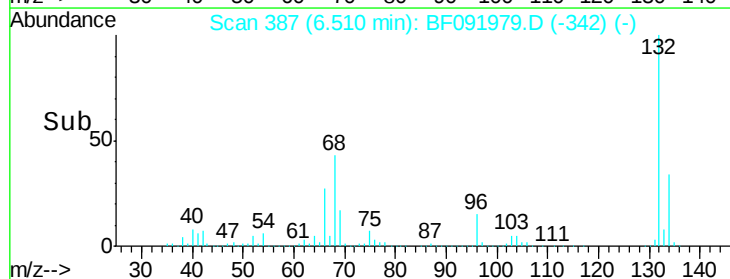
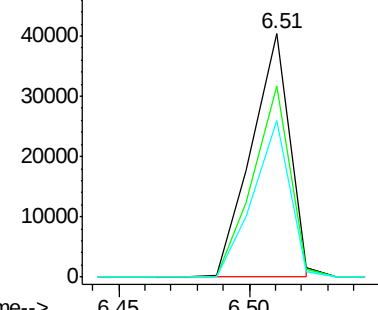
106 64.5 77.6 117.6#

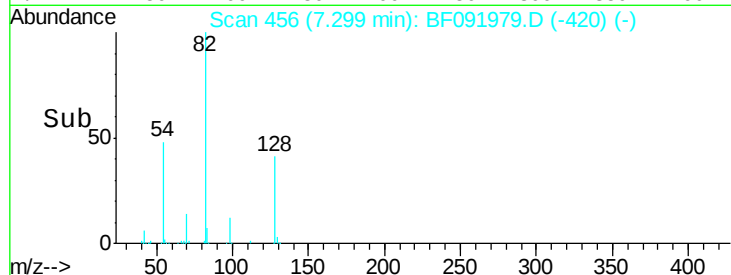
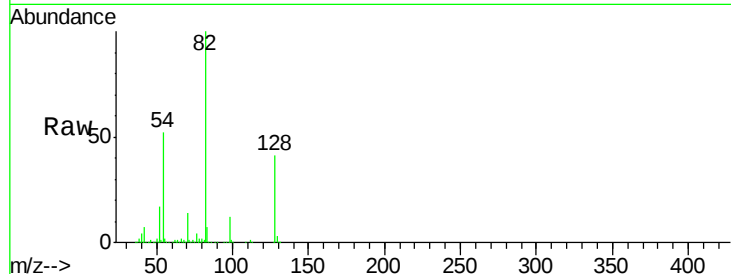


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

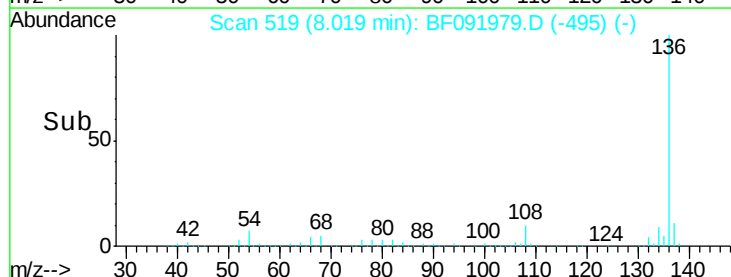
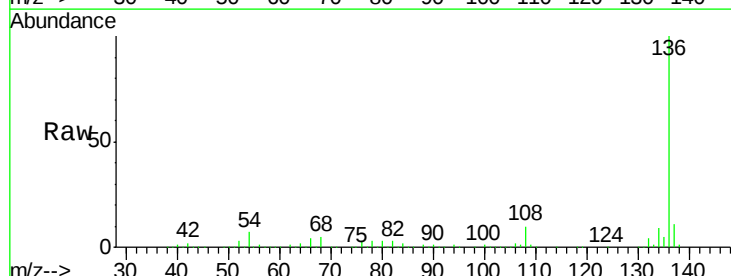
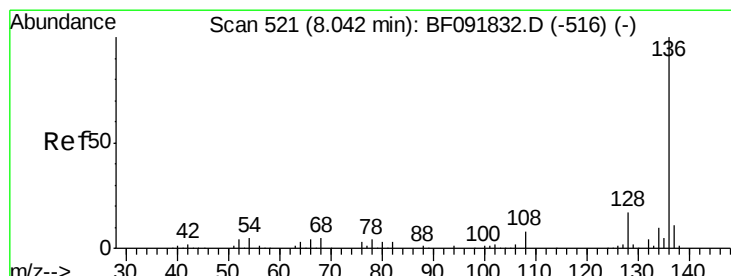
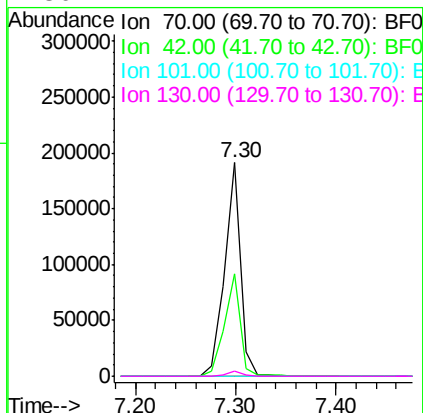




#19
n-Nitroso-di-n-propylamine
Concen: 17.77 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.11 min
Lab File: BF091979.D
Acq: 27 Dec 2016 20:36

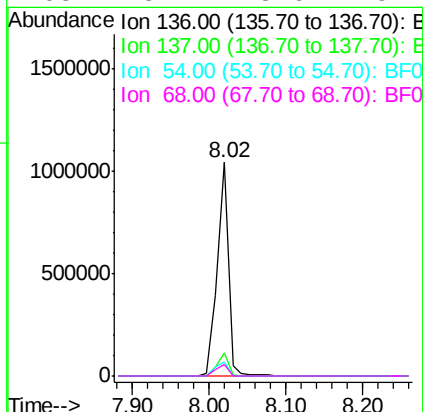
Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-122216

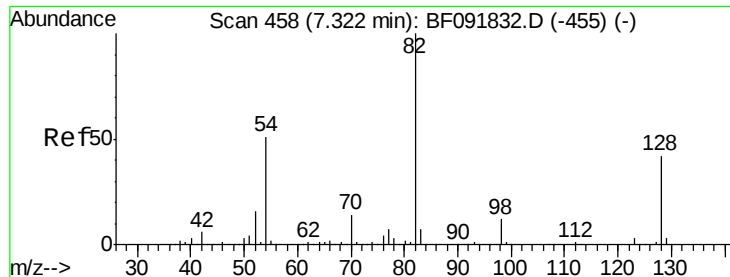
Tgt Ion:	70	Resp:	209971
Ion	Ratio	Lower	Upper
70	100		
42	48.2	49.4	74.0#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091979.D
Acq: 27 Dec 2016 20:36

Tgt Ion:	136	Resp:	1059159
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	6.5	4.5	6.7
68	5.1	3.6	5.4

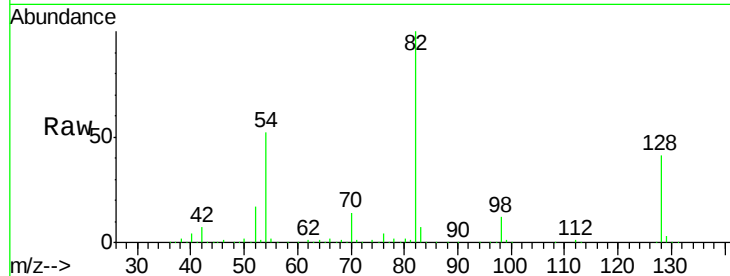




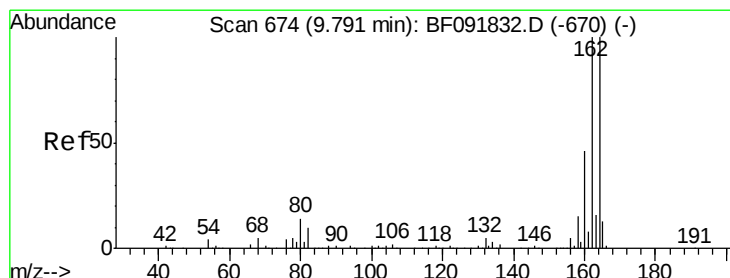
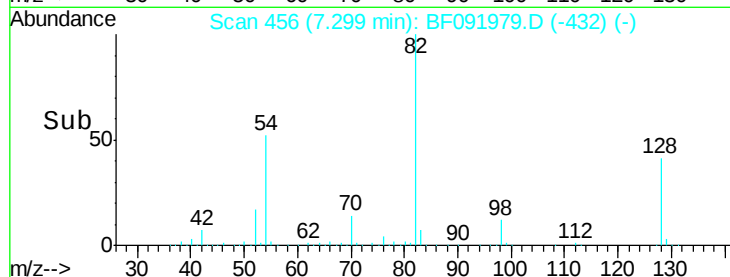
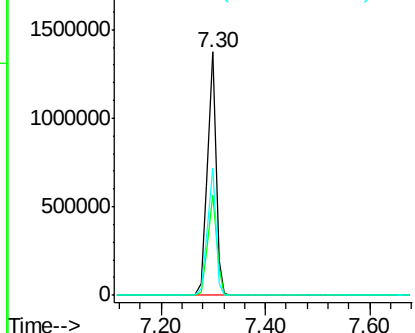
#23
 Nitrobenzene-d5
 Concen: 82.65 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF091979.D
 Acq: 27 Dec 2016 20:36

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-122216

Tgt Ion: 82 Resp: 1574343
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.6 52.0
 54 52.1 39.5 59.3

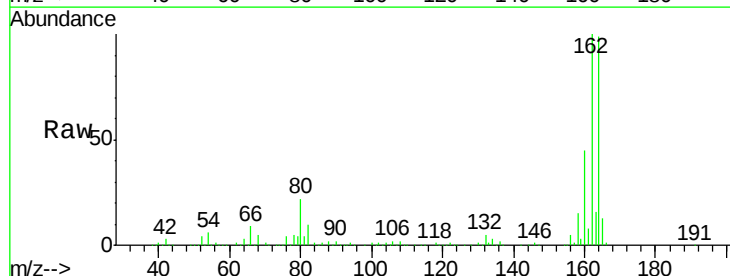


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

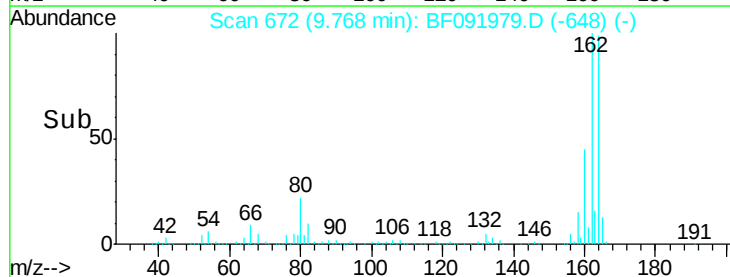
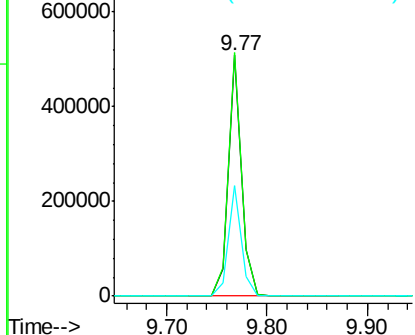


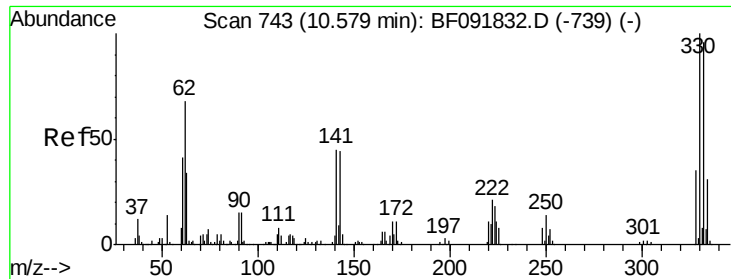
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.02 min
 Lab File: BF091979.D
 Acq: 27 Dec 2016 20:36

Tgt Ion: 164 Resp: 462222
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.2 120.2
 160 45.9 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

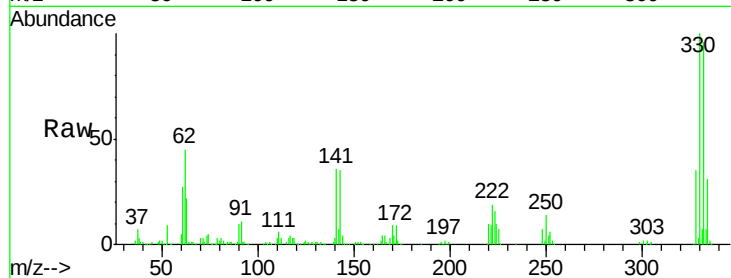




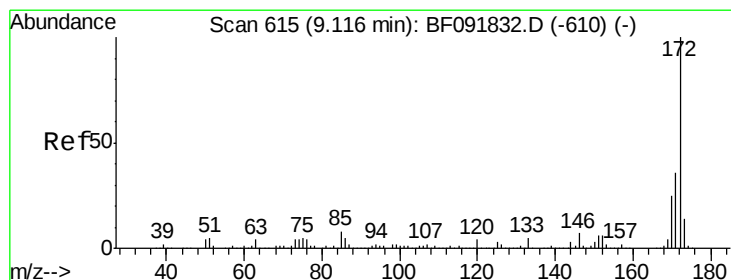
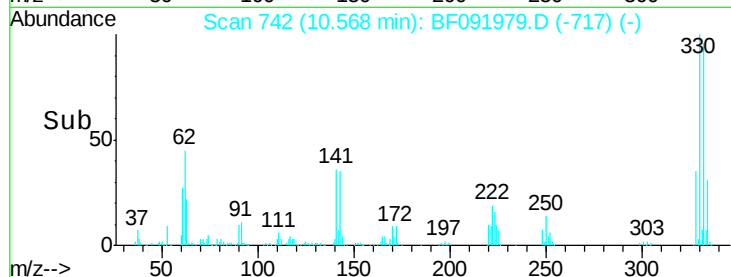
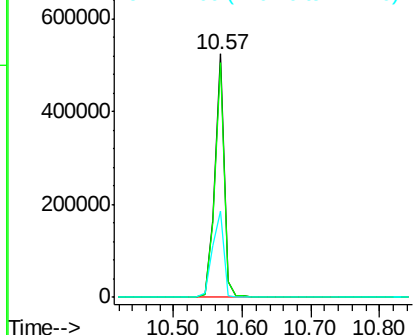
#41
 2,4,6-Tribromophenol
 Concen: 134.26 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091979.D
 Acq: 27 Dec 2016 20:36

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-122216

Tgt Ion:330 Resp: 513571
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 42.1 34.1 51.1

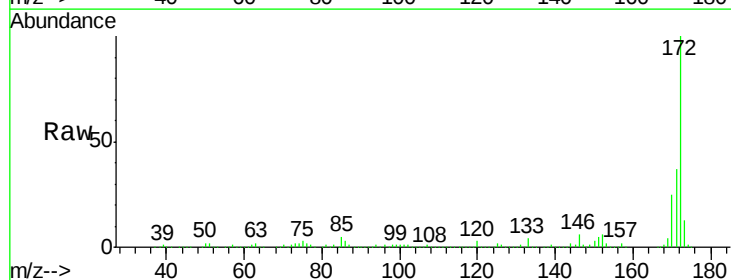


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

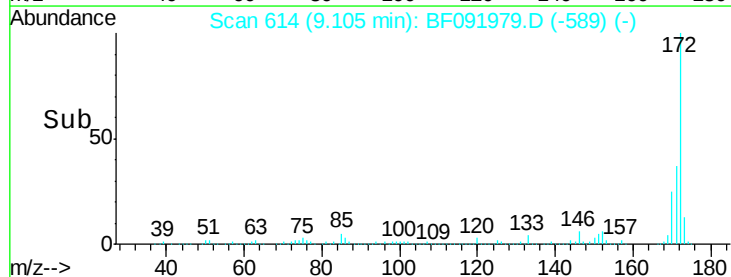
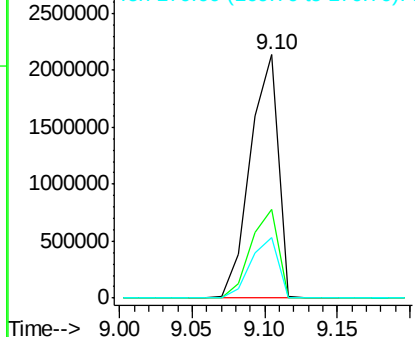


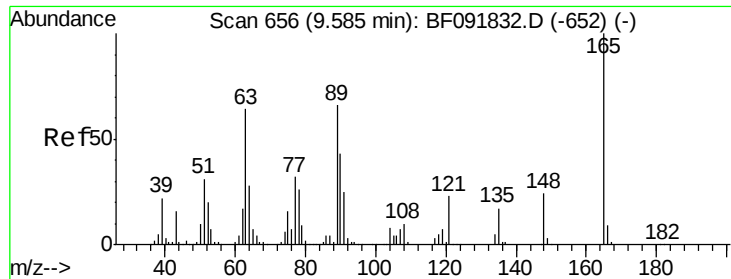
#44
 2-Fluorobiphenyl
 Concen: 134.07 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091979.D
 Acq: 27 Dec 2016 20:36

Tgt Ion:172 Resp: 2856541
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.7 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

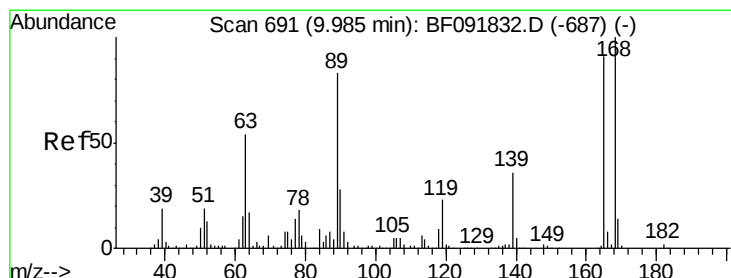
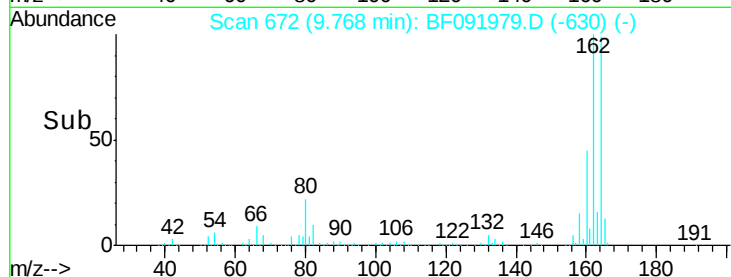
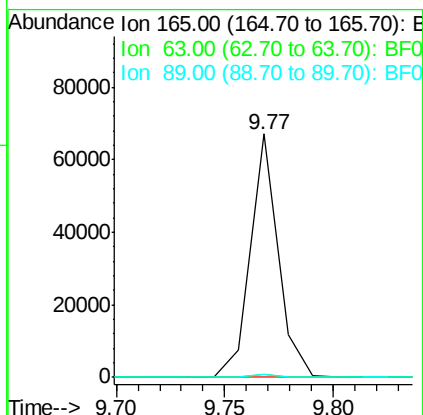
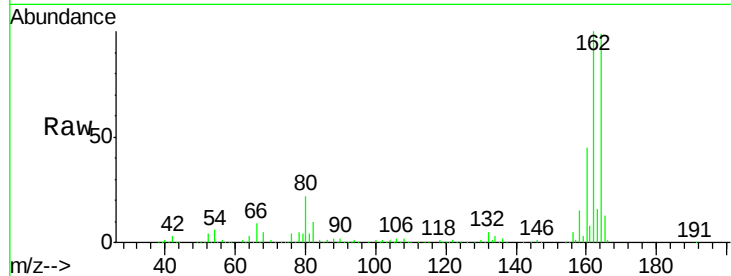




#50
 2,6-Dinitrotoluene
 Concen: 9.21 ng
 RT: 9.77 min Scan# 672
 Delta R.T. 0.18 min
 Lab File: BF091979.D
 Acq: 27 Dec 2016 20:36

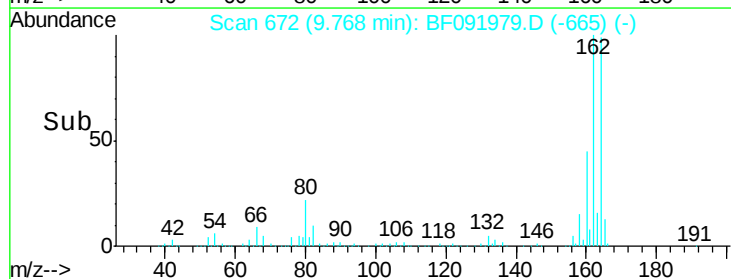
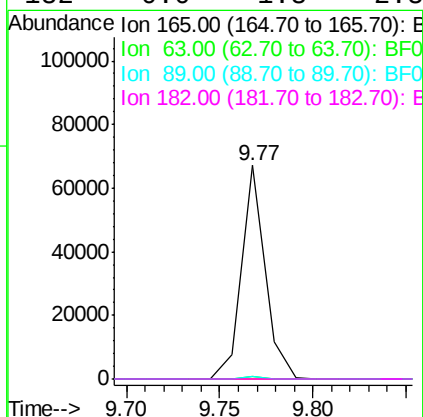
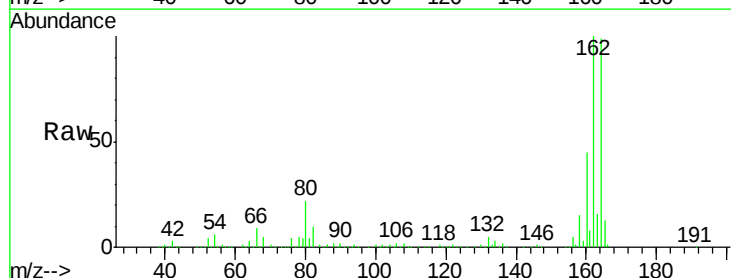
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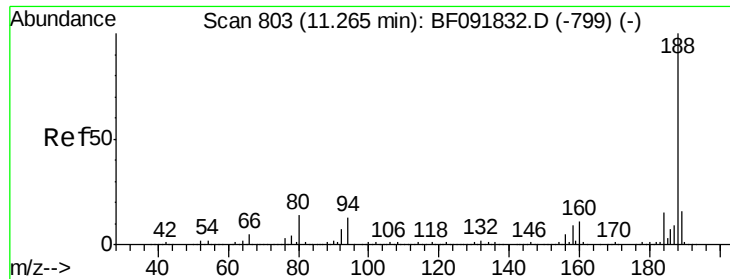
Tgt Ion:165 Resp: 59576
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.2 54.4#
 89 1.2 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 7.34 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.22 min
 Lab File: BF091979.D
 Acq: 27 Dec 2016 20:36

Tgt Ion:165 Resp: 59578
 Ion Ratio Lower Upper
 165 100
 63 1.0 40.2 60.4#
 89 1.2 62.5 93.7#
 182 0.0 1.8 2.8#

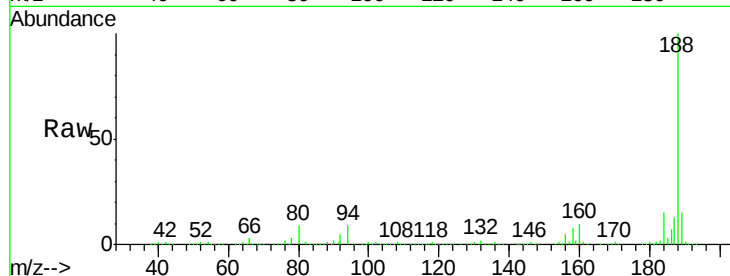




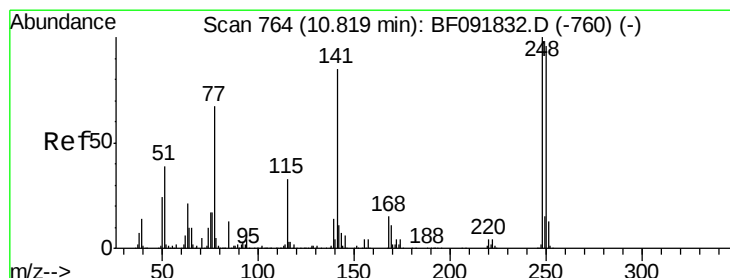
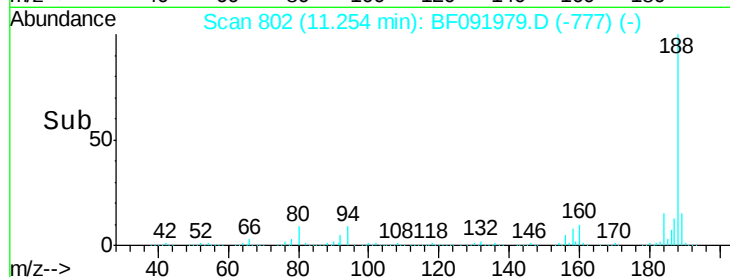
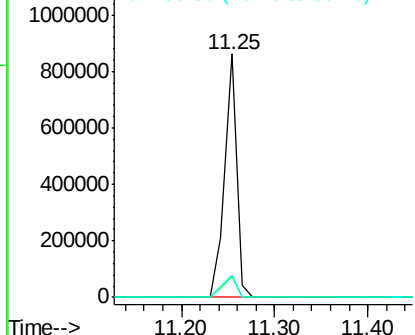
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF091979.D
 Acq: 27 Dec 2016 20:36

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-122216

Tgt Ion:188 Resp: 775842
 Ion Ratio Lower Upper
 188 100
 94 8.7 10.0 15.0#
 80 9.2 11.2 16.8#

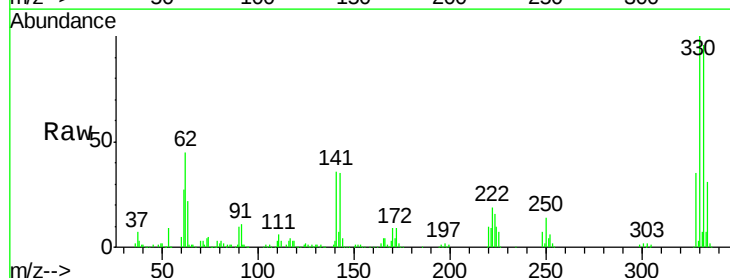


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

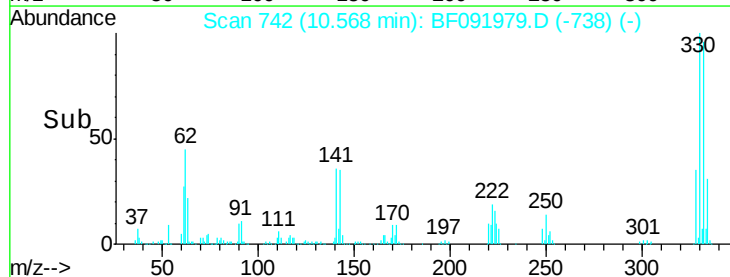
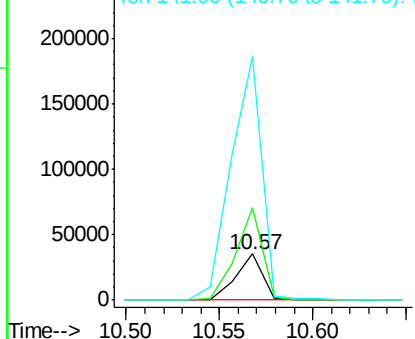


#66
 4-Bromophenyl-phenylether
 Concen: 4.35 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.25 min
 Lab File: BF091979.D
 Acq: 27 Dec 2016 20:36

Tgt Ion:248 Resp: 35092
 Ion Ratio Lower Upper
 248 100
 250 201.3 76.9 115.3#
 141 526.0 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





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.83 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091979.D

Acq: 27 Dec 2016 20:36

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-122216

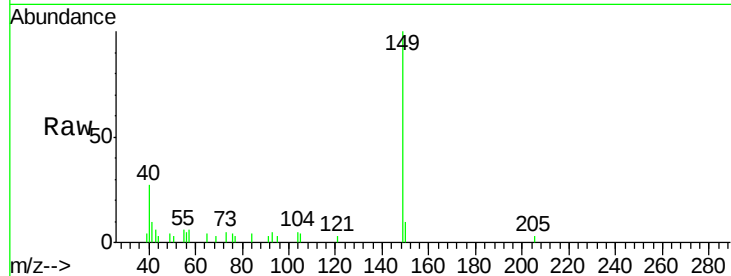
Tgt Ion:149 Resp: 9634

Ion Ratio Lower Upper

149 100

150 10.5 8.1 12.1

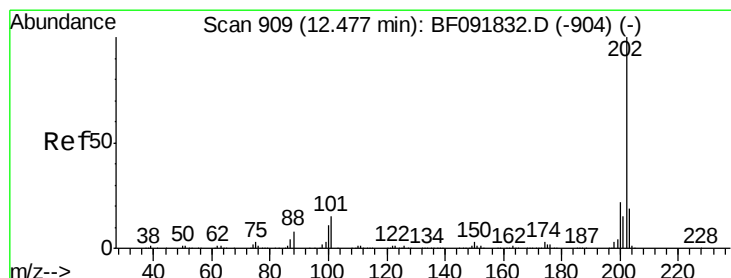
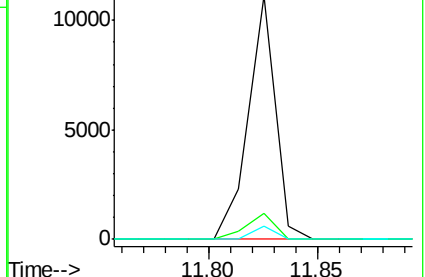
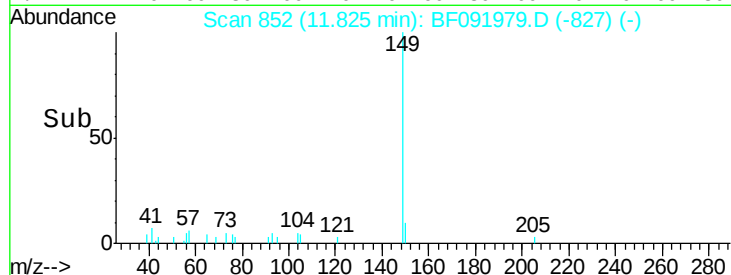
104 5.4 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.47 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091979.D

Acq: 27 Dec 2016 20:36

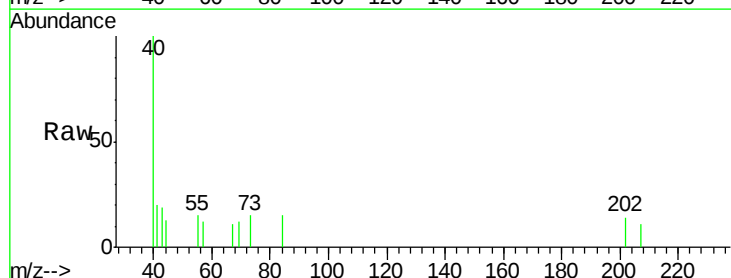
Tgt Ion:202 Resp: 307

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

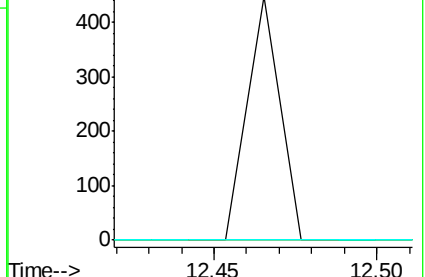
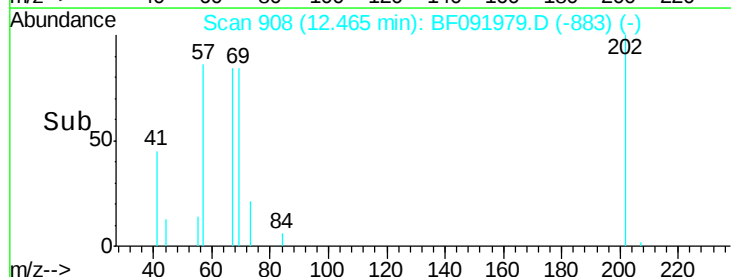
203 0.0 0.0 38.7

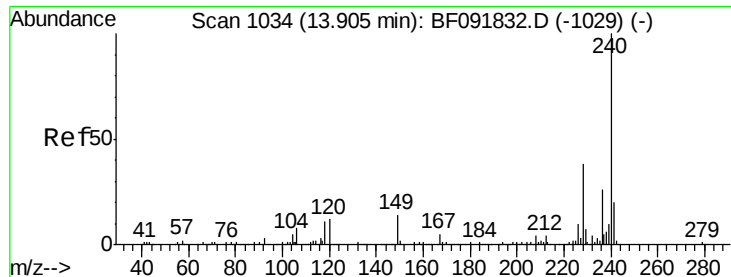


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF091979.D

Acq: 27 Dec 2016 20:36

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-122216

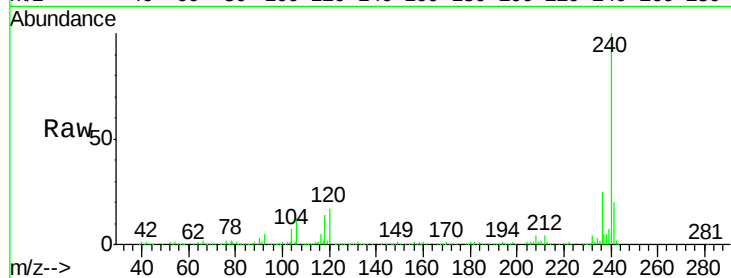
Tgt Ion:240 Resp: 581810

Ion Ratio Lower Upper

240 100

120 16.8 12.9 19.3

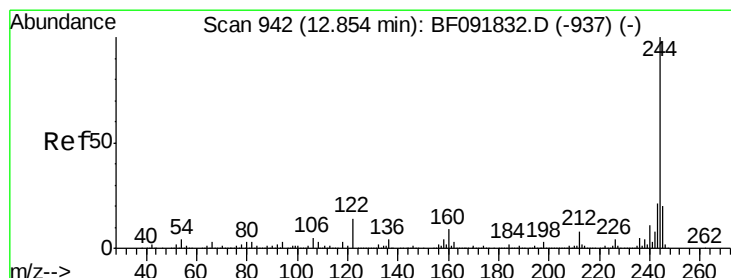
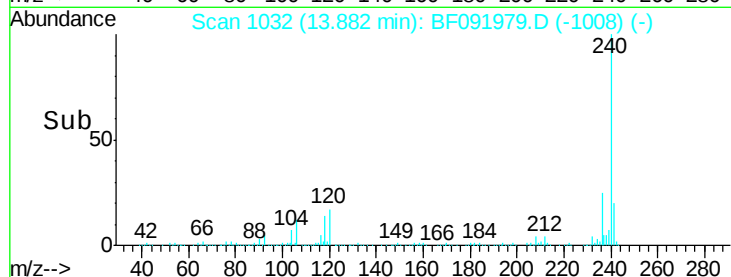
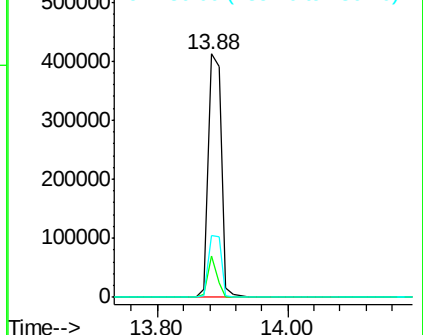
236 25.4 20.9 31.3



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: 92.29 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091979.D

Acq: 27 Dec 2016 20:36

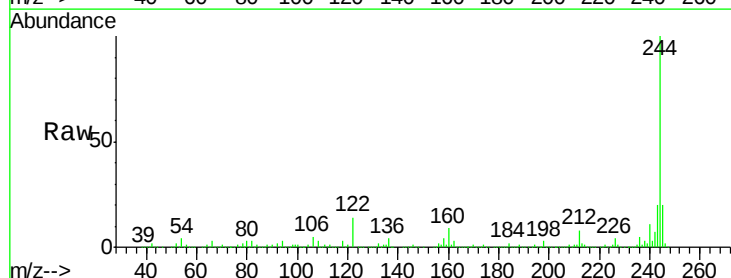
Tgt Ion:244 Resp: 2213935

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

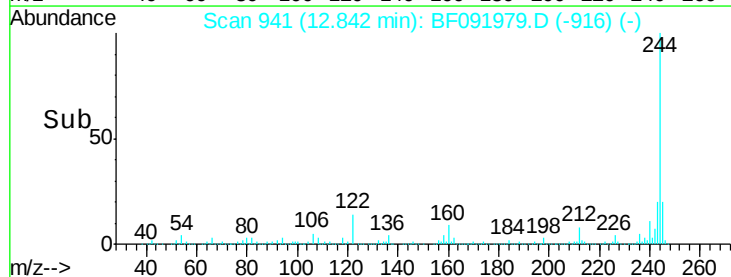
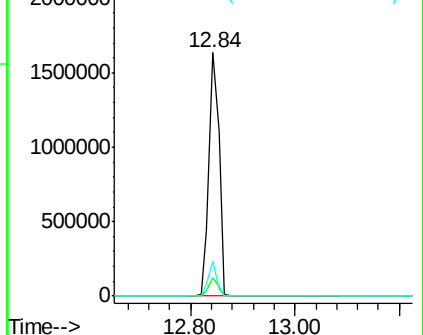
122 14.3 11.4 17.2

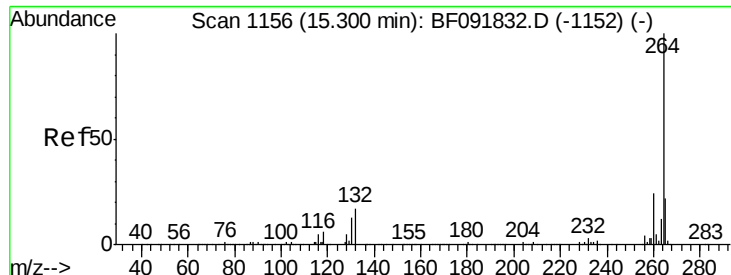


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

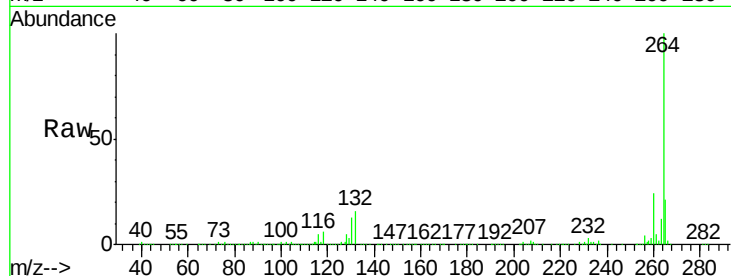




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091979.D
Acq: 27 Dec 2016 20:36

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-122216

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.8	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

