

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091487.D
 Acq On : 7 Dec 2016 23:30
 Operator : UM/SJ
 Sample : H5907-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B6-B7-B6A-B7A

Quant Time: Dec 08 00:28:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

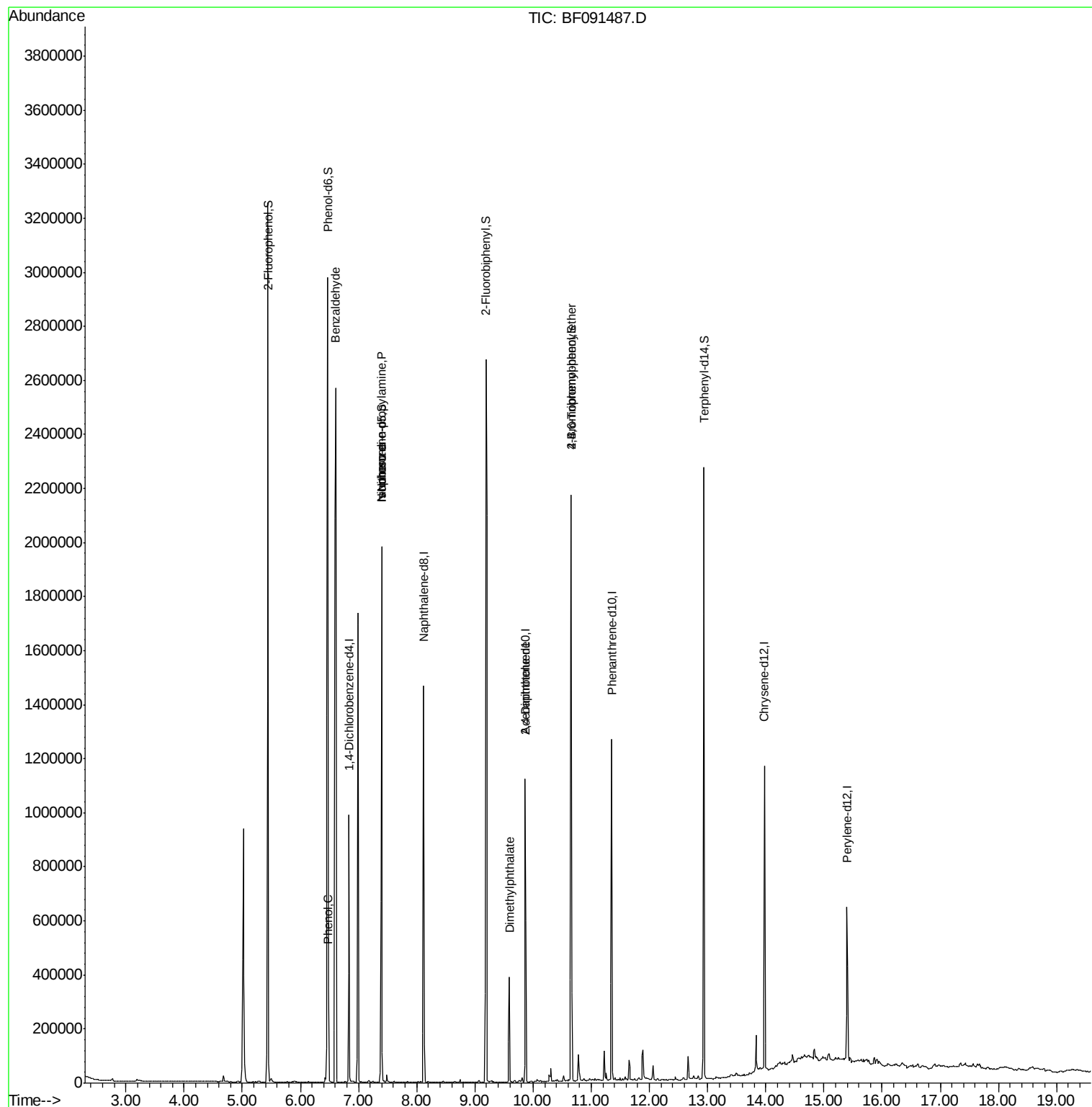
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	156383	20.00	ng	-0.04
21) Naphthalene-d8	8.12	136	586331	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	306704	20.00	ng	-0.05
63) Phenanthrene-d10	11.35	188	480090	20.00	ng	-0.05
75) Chrysene-d12	13.98	240	388275	20.00	ng	-0.06
86) Perylene-d12	15.40	264	299588	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	817161	85.36	ng	-0.03
7) Phenol-d6	6.47	99	981627	83.30	ng	-0.03
23) Nitrobenzene-d5	7.40	82	620325	59.29	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	241368	83.13	ng	-0.05
44) 2-Fluorobiphenyl	9.19	172	1254271	74.05	ng	-0.05
78) Terphenyl-d14	12.94	244	1004549	56.23	ng	-0.05
Target Compounds						Qvalue
9) Benzaldehyde	6.61	77	21575	2.85	ng	96
10) Phenol	6.48	94	62312	4.49	ng	90
19) n-Nitroso-di-n-propylamine	7.40	70	85858	11.56	ng	# 72
25) Isophorone	7.40	82	466169	25.15	ng	# 67
49) Dimethylphthalate	9.59	163	176548	9.51	ng	99
56) 2,4-Dinitrotoluene	9.86	165	39736	7.38	ng	# 34
66) 4-Bromophenyl-phenylether	10.65	248	15887	3.08	ng	# 1

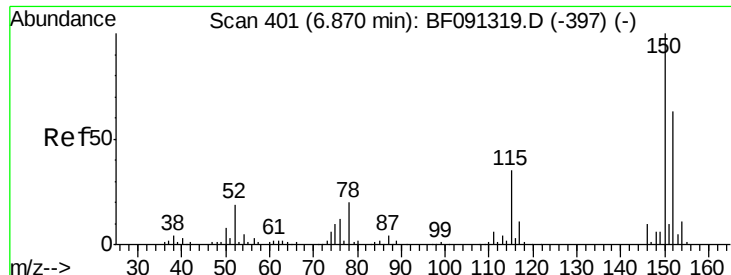
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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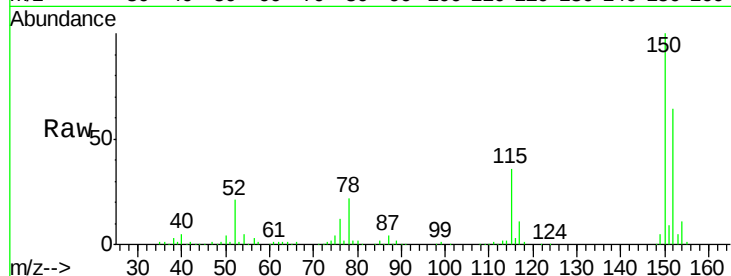




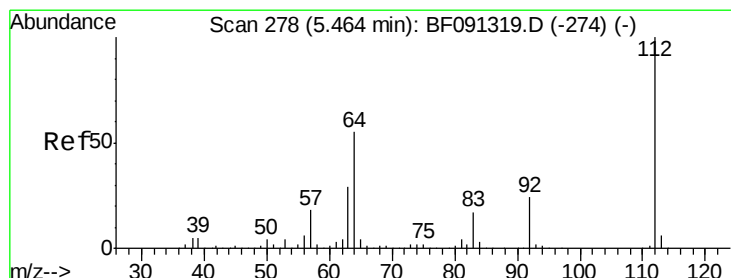
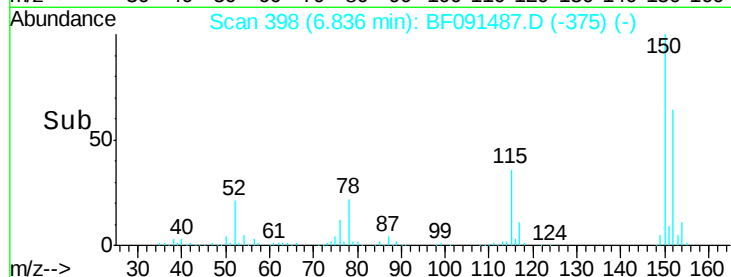
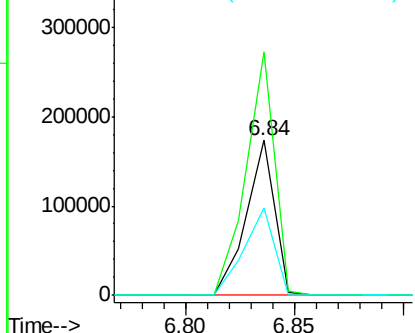
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.04 min
 Lab File: BF091487.D
 Acq: 7 Dec 2016 23:30

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B6-B7-B6A-B7A

Tgt Ion:152 Resp: 156383
 Ion Ratio Lower Upper
 152 100
 150 156.8 122.5 183.7
 115 56.6 51.8 77.8

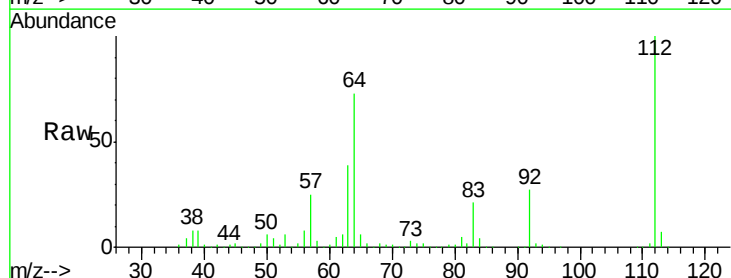


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

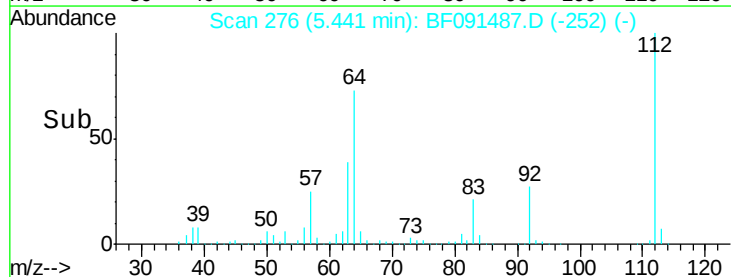
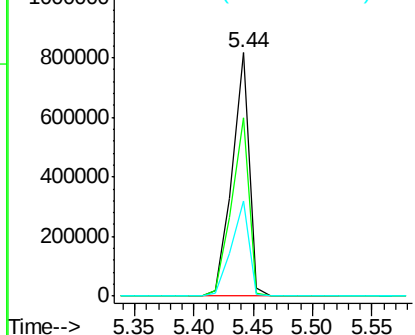


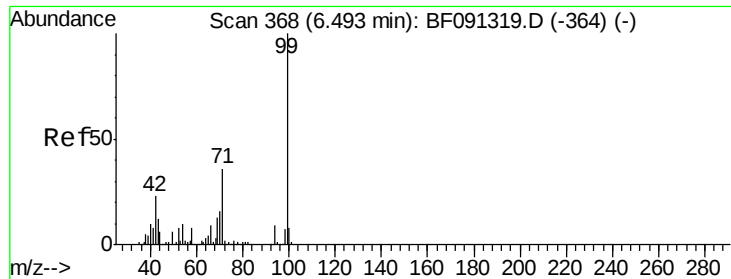
#5
 2-Fluorophenol
 Concen: 85.36 ng
 RT: 5.44 min Scan# 276
 Delta R.T. -0.03 min
 Lab File: BF091487.D
 Acq: 7 Dec 2016 23:30

Tgt Ion:112 Resp: 817161
 Ion Ratio Lower Upper
 112 100
 64 73.4 61.5 92.3
 63 39.2 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: 83.30 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.03 min

Lab File: BF091487.D

Acq: 7 Dec 2016 23:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B6-B7-B6A-B7A

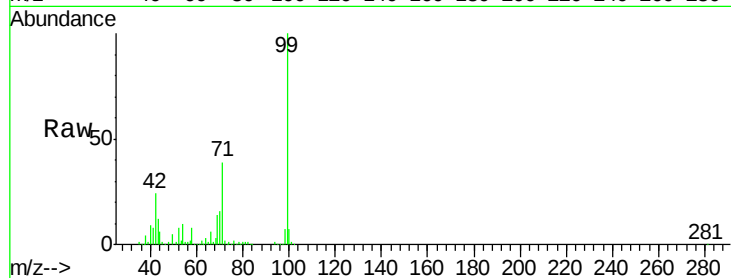
Tgt Ion: 99 Resp: 981627

Ion Ratio Lower Upper

99 100

42 23.7 20.6 31.0

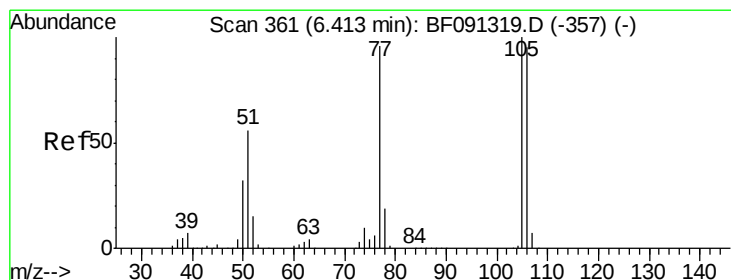
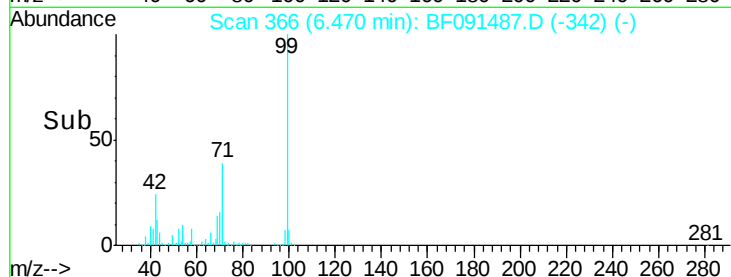
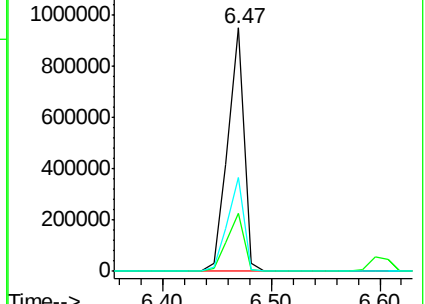
71 38.7 29.9 44.9



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: 2.85 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.19 min

Lab File: BF091487.D

Acq: 7 Dec 2016 23:30

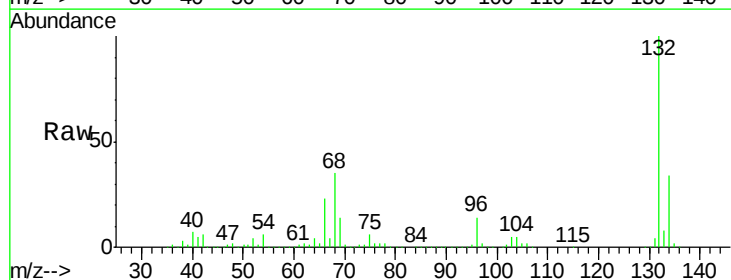
Tgt Ion: 77 Resp: 21575

Ion Ratio Lower Upper

77 100

105 91.3 66.4 106.4

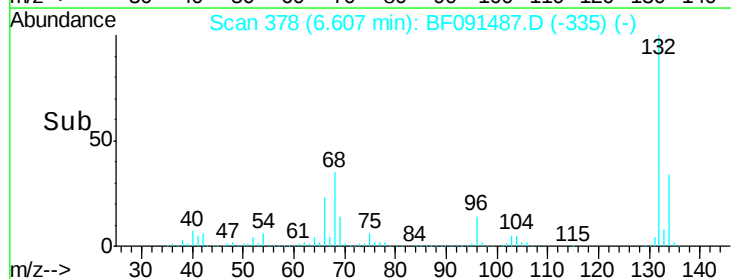
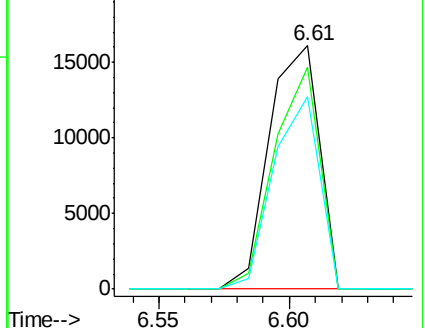
106 79.1 60.9 100.9

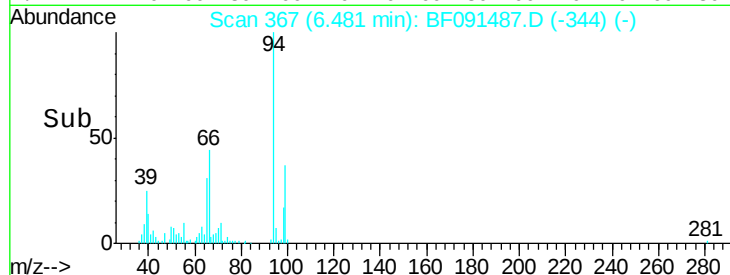
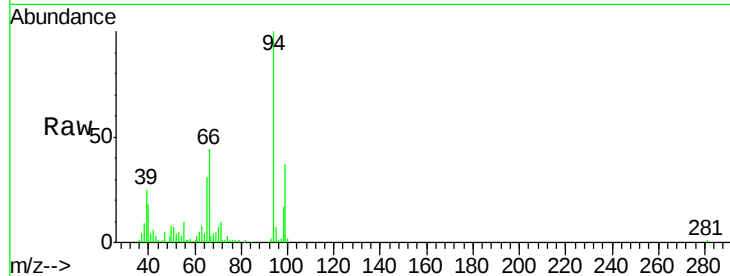
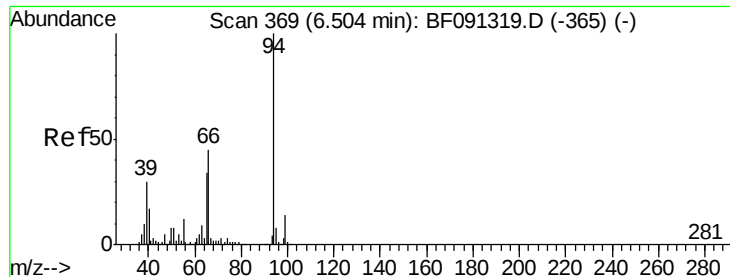


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 4.49 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.04 min

Lab File: BF091487.D

Acq: 7 Dec 2016 23:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B6-B7-B6A-B7A

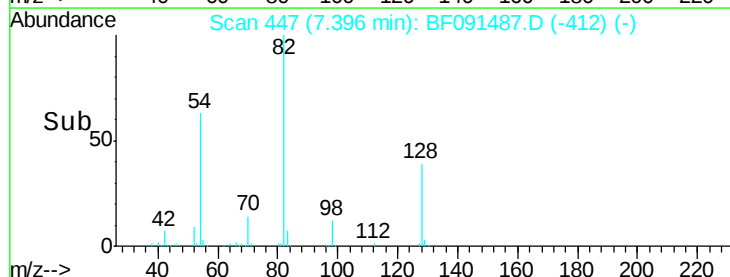
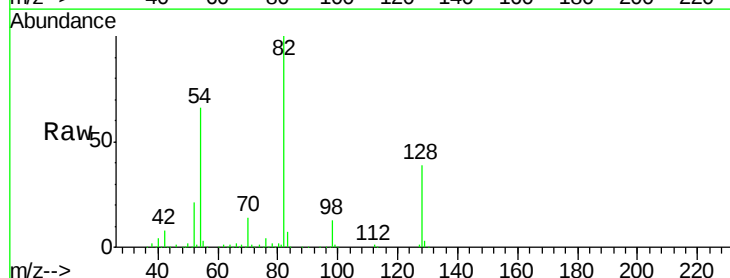
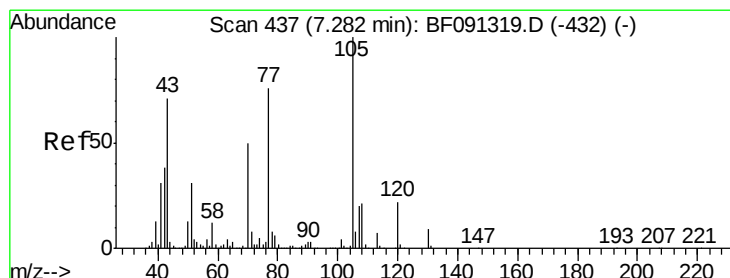
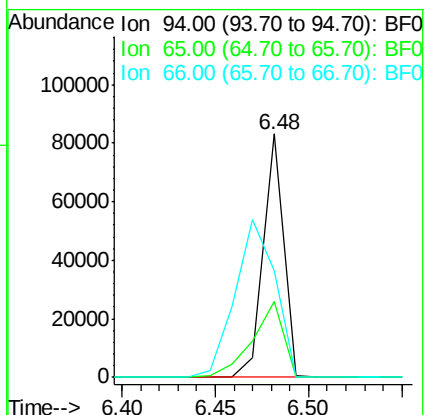
Tgt Ion: 94 Resp: 62312

Ion Ratio Lower Upper

94 100

65 31.3 16.9 56.9

66 43.7 30.6 70.6



#19

n-Nitroso-di-n-propylamine

Concen: 11.56 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.10 min

Lab File: BF091487.D

Acq: 7 Dec 2016 23:30

Tgt Ion: 70 Resp: 85858

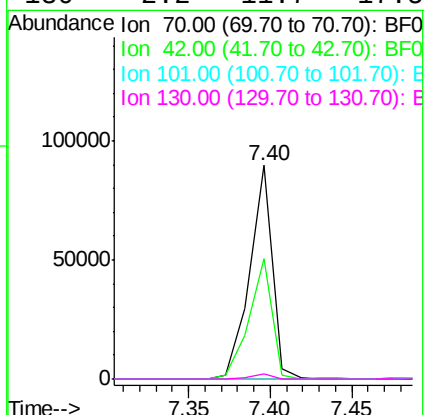
Ion Ratio Lower Upper

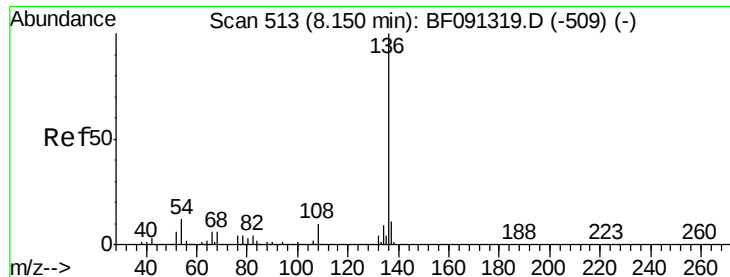
70 100

42 56.4 64.8 97.2#

101 0.0 6.2 9.4#

130 2.2 11.7 17.5#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.05 min

Lab File: BF091487.D

Acq: 7 Dec 2016 23:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B6-B7-B6A-B7A

Tgt Ion: 136 Resp: 586331

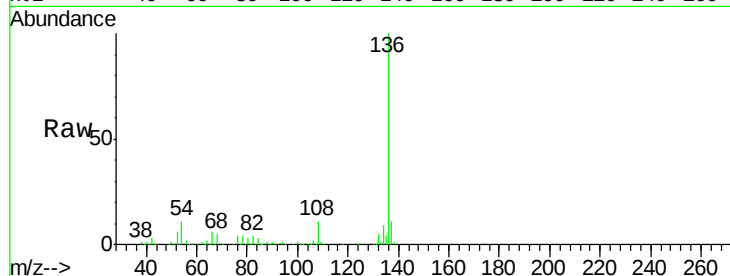
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 11.5 9.1 13.7

68 5.1 5.9 8.9#

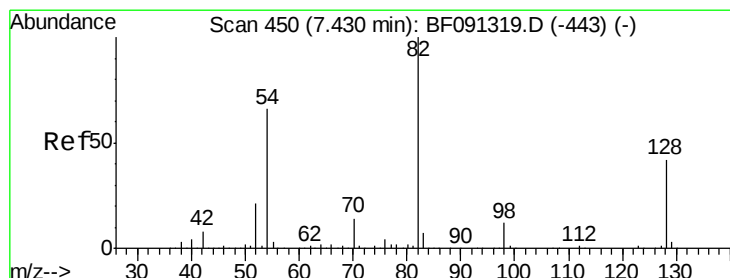
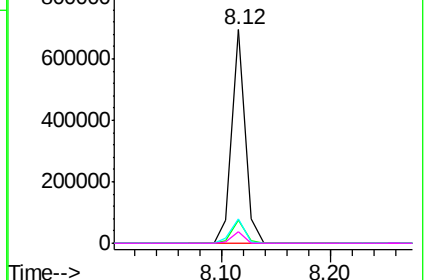
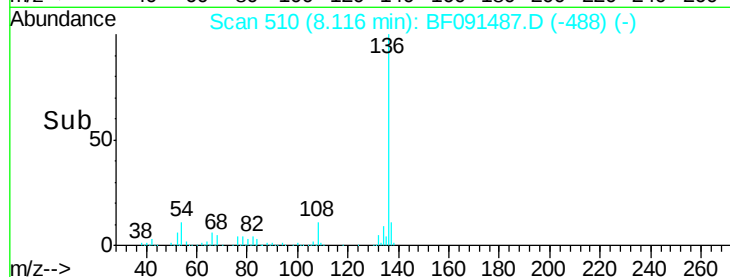


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.29 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.05 min

Lab File: BF091487.D

Acq: 7 Dec 2016 23:30

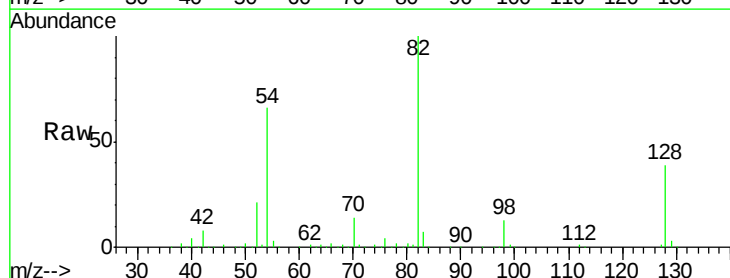
Tgt Ion: 82 Resp: 620325

Ion Ratio Lower Upper

82 100

128 39.1 31.8 47.6

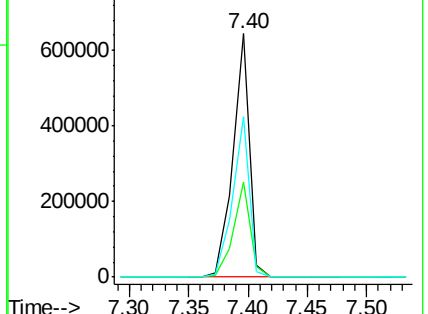
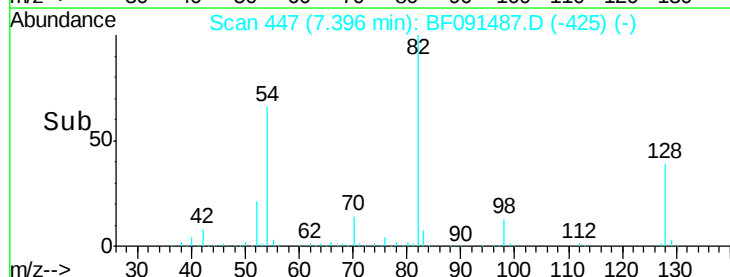
54 66.1 49.1 73.7

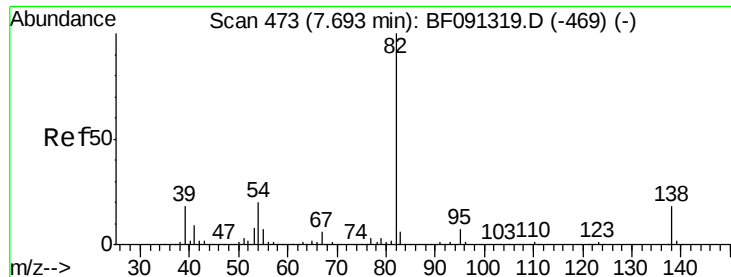


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 25.15 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.31 min

Lab File: BF091487.D

Acq: 7 Dec 2016 23:30

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ClientSampleId :

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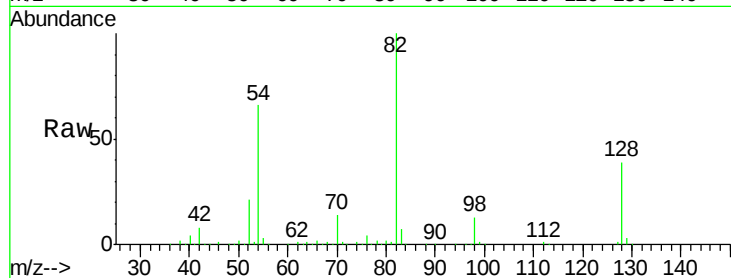
Tgt Ion: 82 Resp: 466169

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

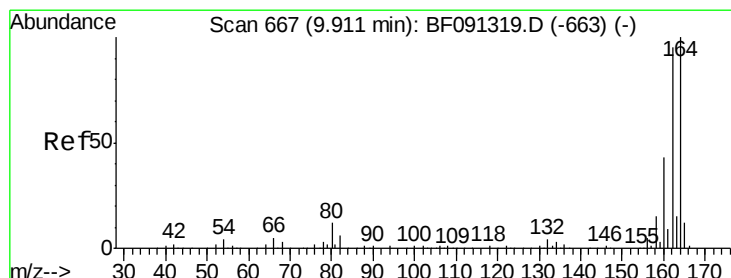
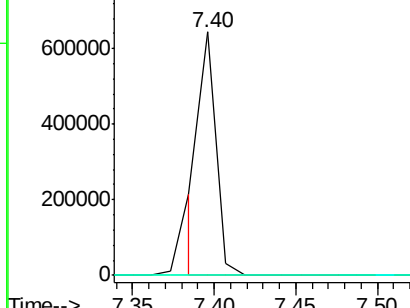
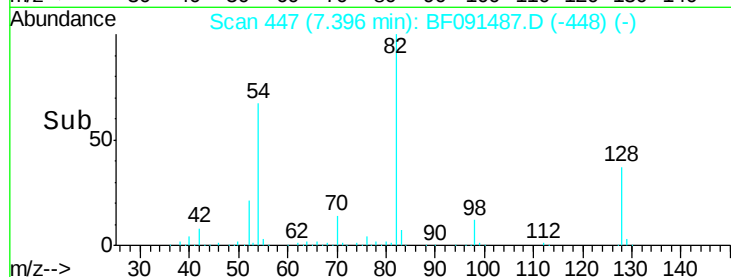
138 0.0 13.4 20.0#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.05 min

Lab File: BF091487.D

Acq: 7 Dec 2016 23:30

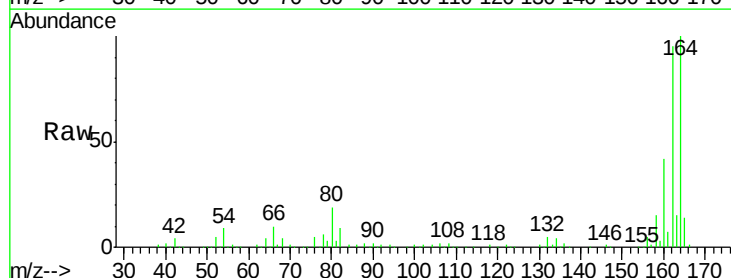
Tgt Ion: 164 Resp: 306704

Ion Ratio Lower Upper

164 100

162 95.1 82.6 124.0

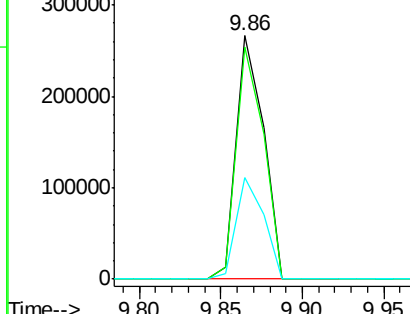
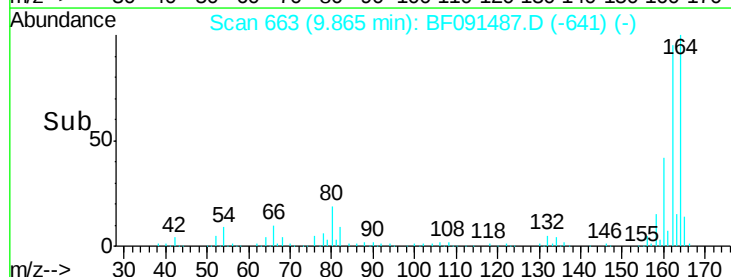
160 41.7 36.7 55.1

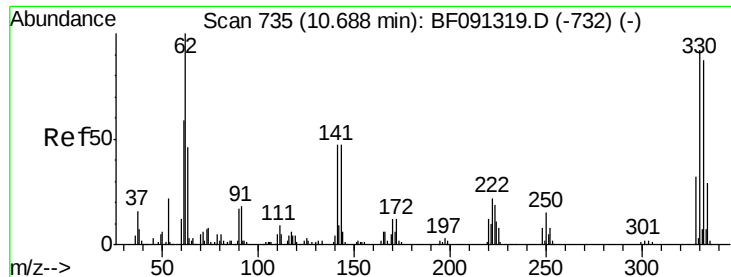


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

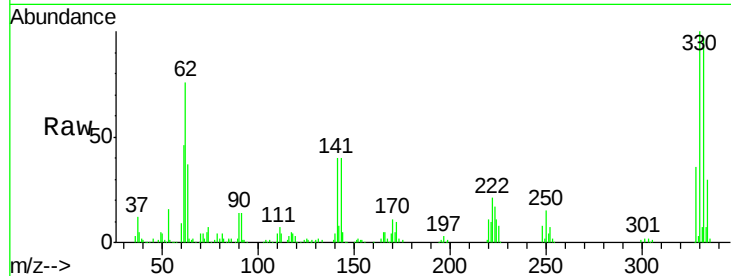




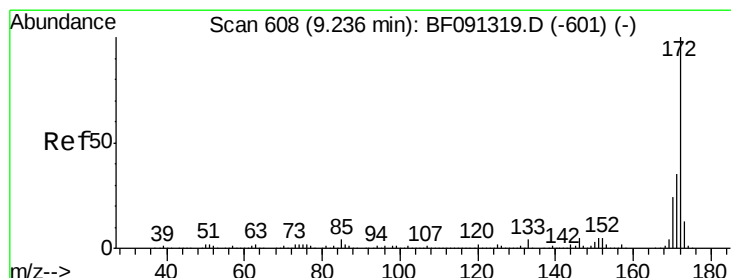
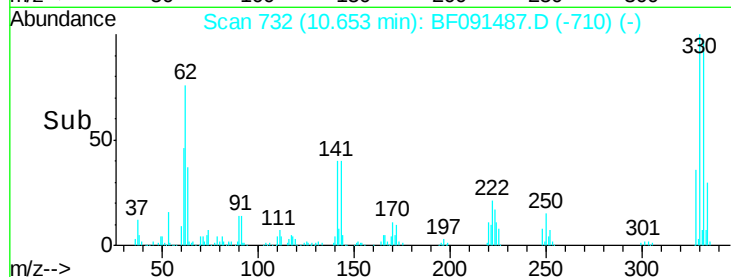
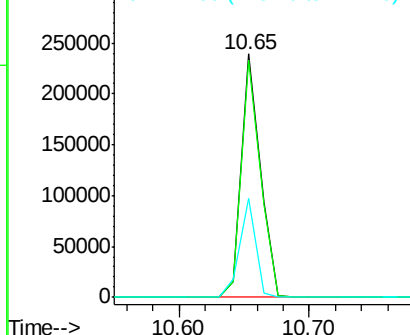
#41
 2,4,6-Tribromophenol
 Concen: 83.13 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.05 min
 Lab File: BF091487.D
 Acq: 7 Dec 2016 23:30

Instrument :
 BNA_F
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Tgt Ion:330 Resp: 241368
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.2 114.4
 141 33.9 33.6 50.4

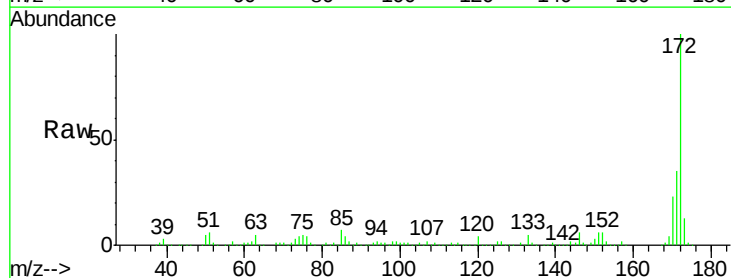


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

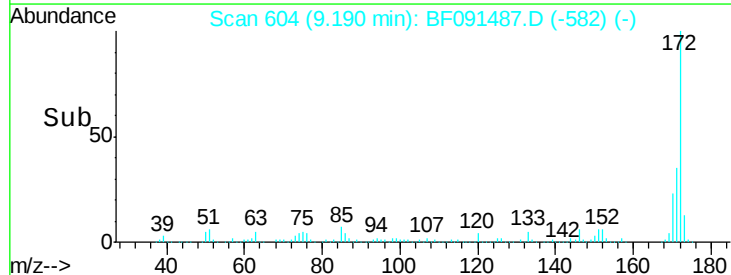
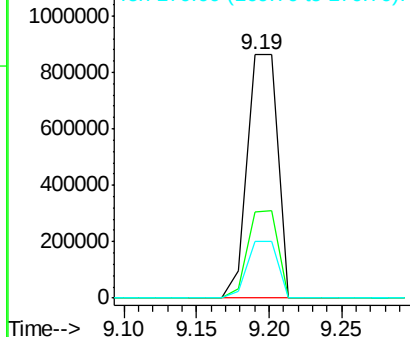


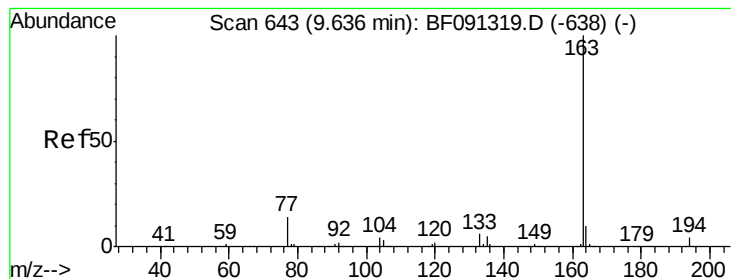
#44
 2-Fluorobiphenyl
 Concen: 74.05 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.05 min
 Lab File: BF091487.D
 Acq: 7 Dec 2016 23:30

Tgt Ion:172 Resp: 1254271
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 23.5 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





#49

Dimethylphthalate

Concen: 9.51 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.06 min

Lab File: BF091487.D

Acq: 7 Dec 2016 23:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B6-B7-B6A-B7A

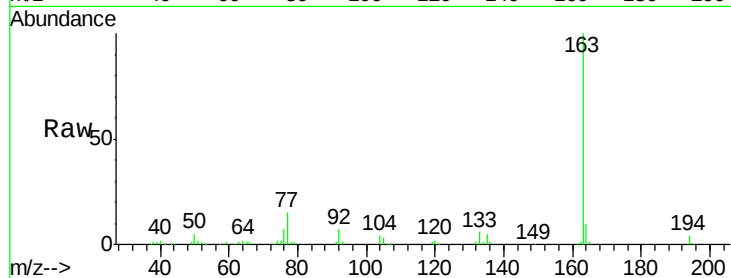
Tgt Ion:163 Resp: 176548

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

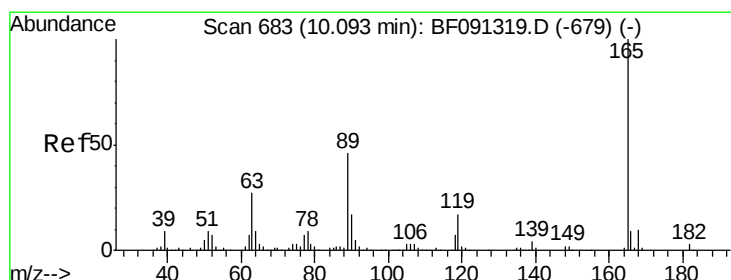
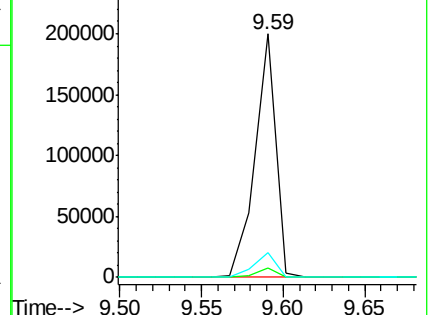
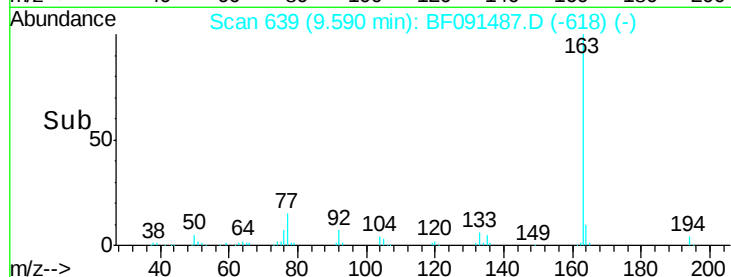
164 10.1 7.8 11.8



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: 7.38 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.23 min

Lab File: BF091487.D

Acq: 7 Dec 2016 23:30

Tgt Ion:165 Resp: 39736

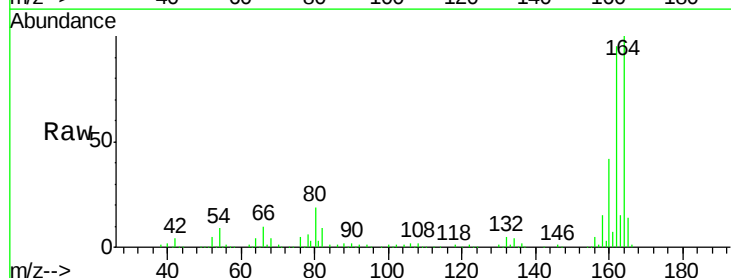
Ion Ratio Lower Upper

165 100

63 1.8 29.0 43.4#

89 1.1 43.1 64.7#

182 0.0 1.9 2.9#

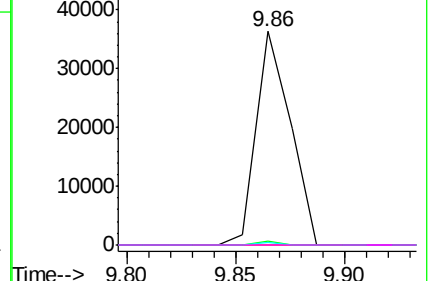
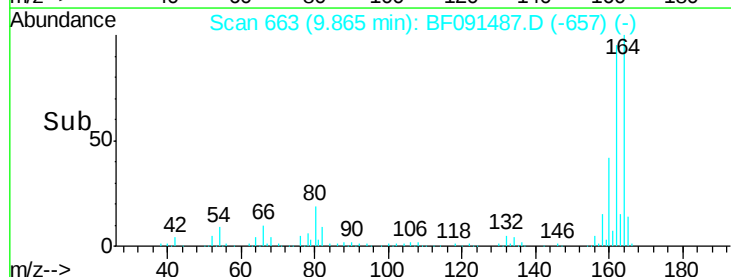


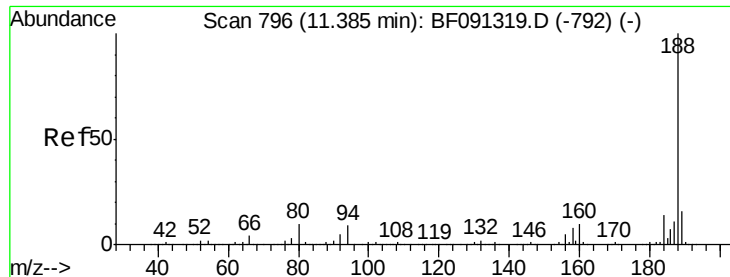
Abundance Ion 165.00 (164.70 to 165.70): E

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

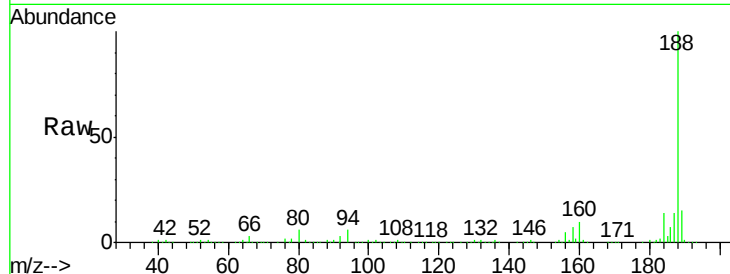




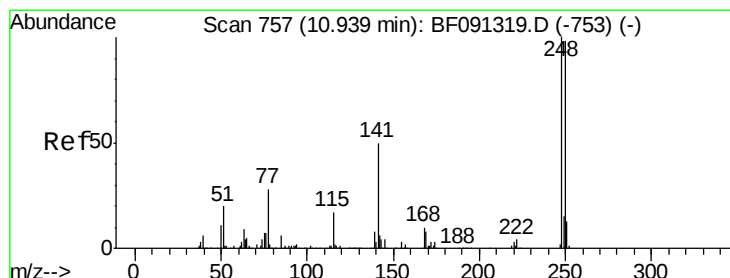
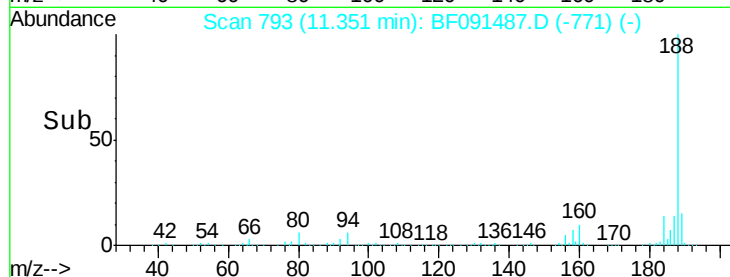
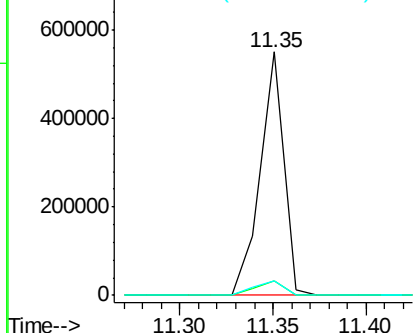
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.05 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B6-B7-B6A-B7A

Tgt Ion:188 Resp: 480090
Ion Ratio Lower Upper
188 100
94 5.7 9.2 13.8#
80 6.0 10.5 15.7#

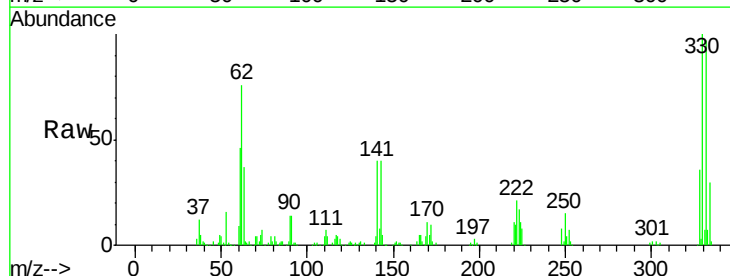


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

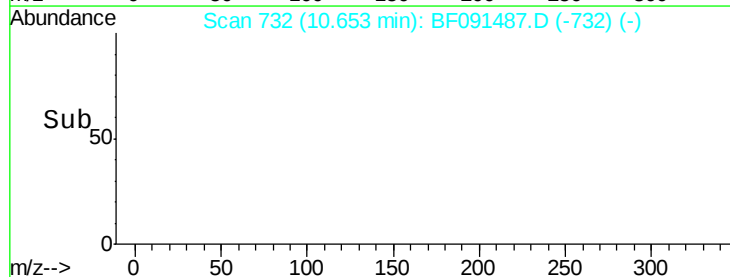
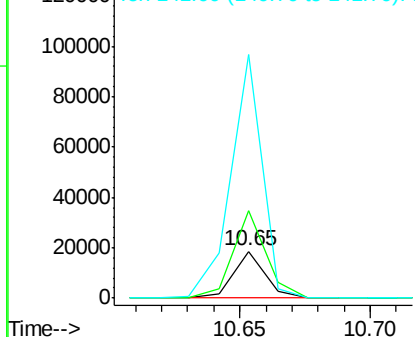


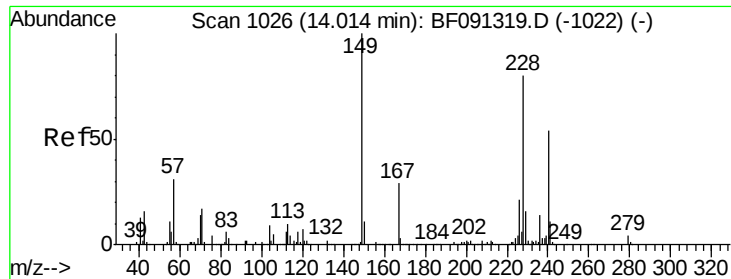
#66
4-Bromophenyl-phenylether
Concen: 3.08 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.30 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Tgt Ion:248 Resp: 15887
Ion Ratio Lower Upper
248 100
250 187.8 78.2 117.4#
141 519.9 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

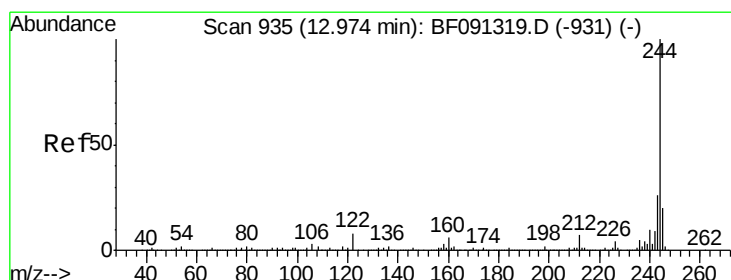
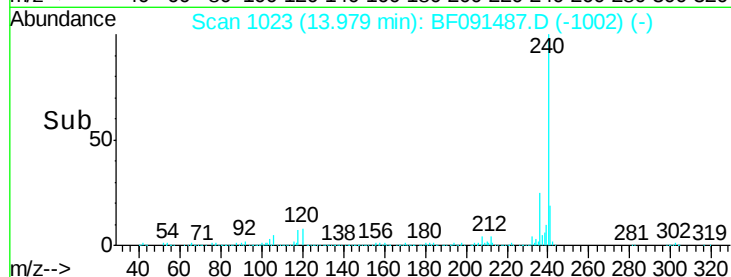
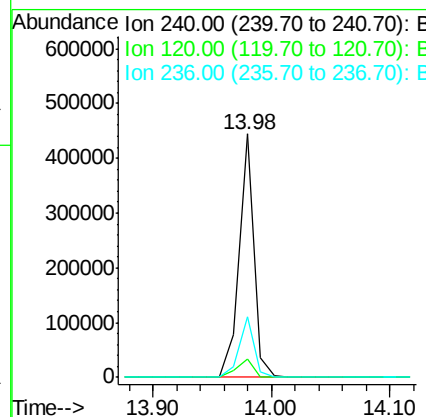
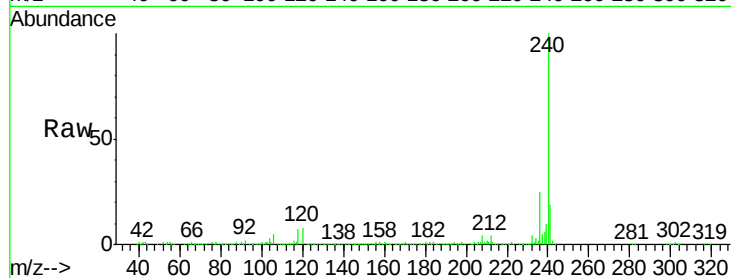




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.06 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

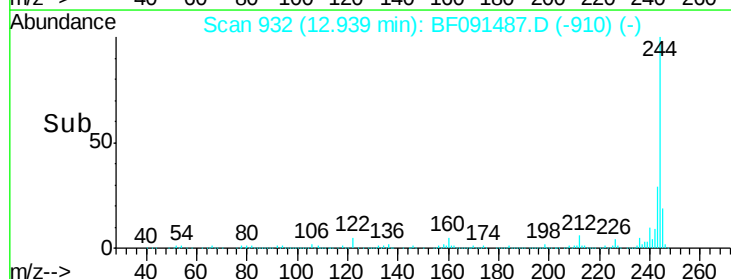
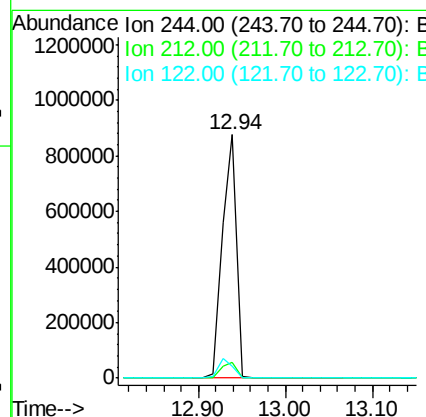
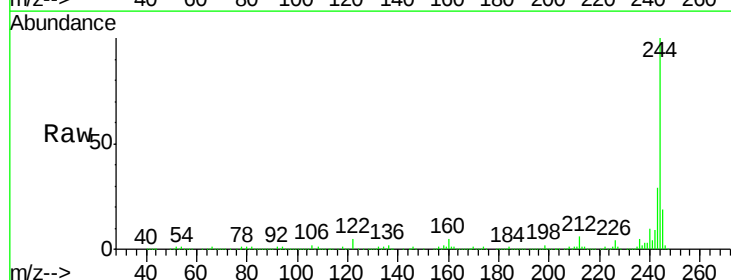
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B6-B7-B6A-B7A

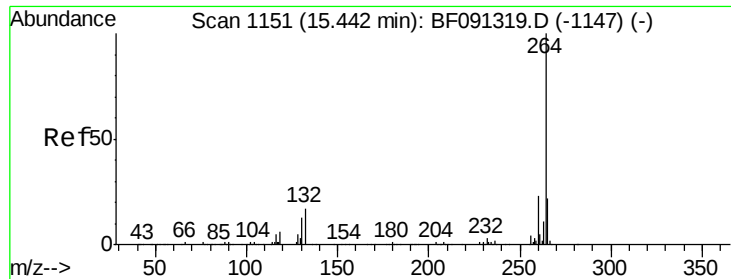
Tgt Ion:240 Resp: 388275
Ion Ratio Lower Upper
240 100
120 7.6 12.1 18.1#
236 25.1 21.0 31.6



#78
Terphenyl-d14
Concen: 56.23 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.05 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Tgt Ion:244 Resp: 1004549
Ion Ratio Lower Upper
244 100
212 6.3 6.5 9.7#
122 4.9 9.5 14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.07 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B6-B7-B6A-B7A

Tgt Ion: 264 Resp: 299588
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 22.0 17.0 25.6

