

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
 Data File : BF091178.D
 Acq On : 15 Nov 2016 14:59
 Operator : UM/SJ
 Sample : H5636-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C19013041

Quant Time: Nov 16 00:19:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

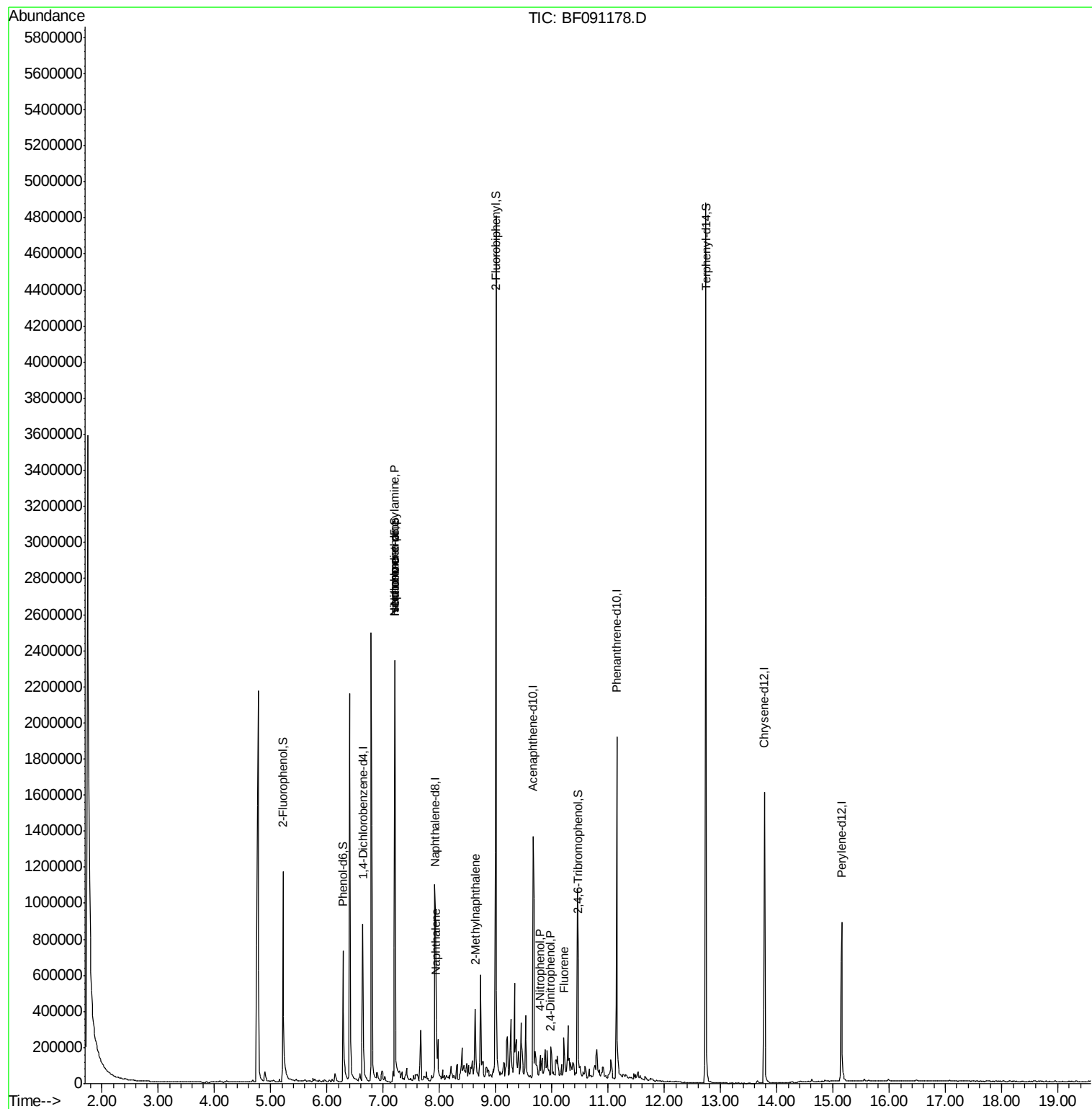
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	161387	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	699175	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	382567	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	684727	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	591584	20.00	ng	-0.03
86) Perylene-d12	15.15	264	453923	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	420655	43.05	ng	-0.02
7) Phenol-d6	6.28	99	380007	28.65	ng	-0.03
23) Nitrobenzene-d5	7.21	82	914818	71.38	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	134171	38.79	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1516356	68.24	ng	-0.03
78) Terphenyl-d14	12.74	244	1777676	74.99	ng	-0.02
Target Compounds						Qvalue
18) Hexachloroethane	7.21	117	50130	10.24	ng	# 4
19) n-Nitroso-di-n-propylamine	7.21	70	122365	13.31	ng	# 76
25) Isophorone	7.21	82	718866	29.11	ng	# 67
31) Naphthalene	7.94	128	149916	4.48	ng	97
37) 2-Methylnaphthalene	8.64	142	120868	5.62	ng	99
53) 2,4-Dinitrophenol	9.96	184	586	6.44	ng	# 63
55) 4-Nitrophenol	9.79	139	4627	6.74	ng	# 31
57) Fluorene	10.21	166	51409	2.25	ng	# 92

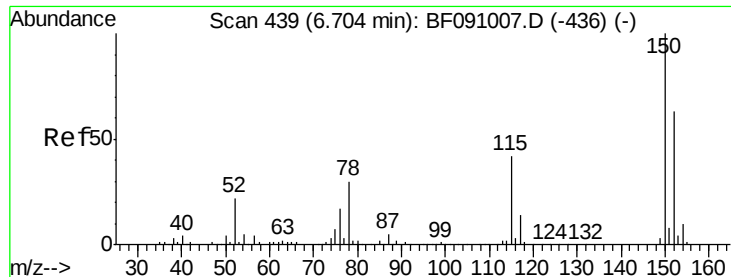
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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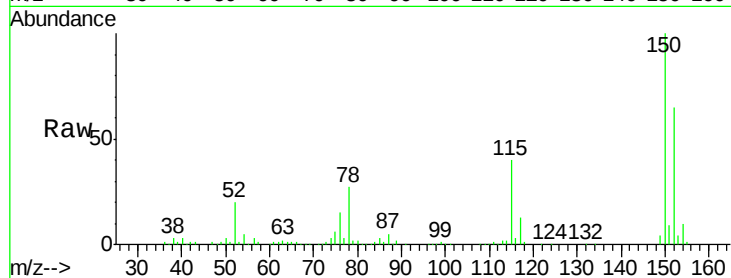


#1

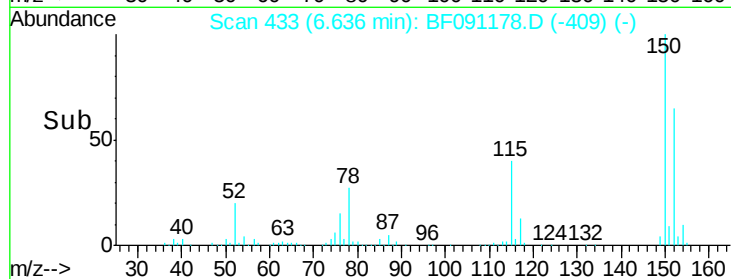
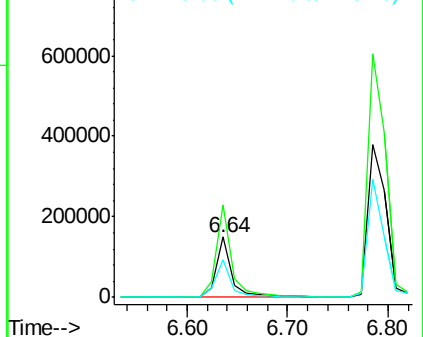
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091178.D
Acq: 15 Nov 2016 14:59

Instrument :
BNA_F
ClientSampleId :
C19013041

Tgt Ion:152 Resp: 161387
Ion Ratio Lower Upper
152 100
150 154.7 126.8 190.2
115 62.1 53.3 79.9



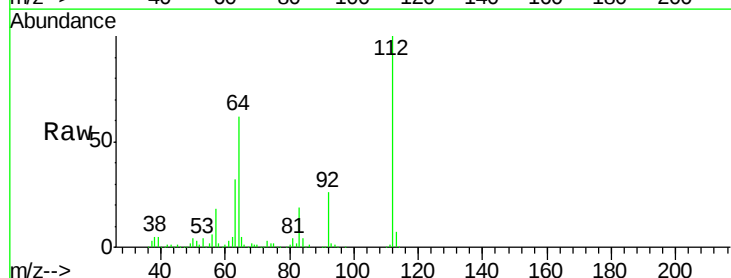
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



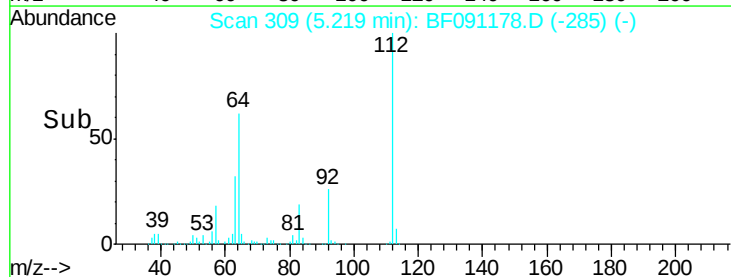
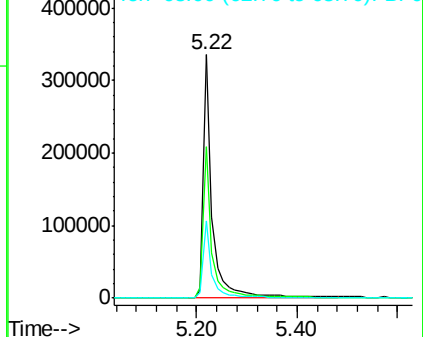
#5

2-Fluorophenol
Concen: 43.05 ng
RT: 5.22 min Scan# 309
Delta R.T. -0.02 min
Lab File: BF091178.D
Acq: 15 Nov 2016 14:59

Tgt Ion:112 Resp: 420655
Ion Ratio Lower Upper
112 100
64 62.2 55.8 83.6
63 31.6 28.0 42.0



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: 28.65 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091178.D

Acq: 15 Nov 2016 14:59

Instrument :

BNA_F

ClientSampleId :

C19013041

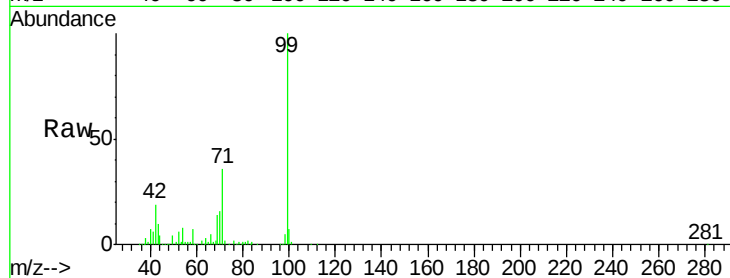
Tgt Ion: 99 Resp: 380007

Ion Ratio Lower Upper

99 100

42 19.2 13.9 20.9

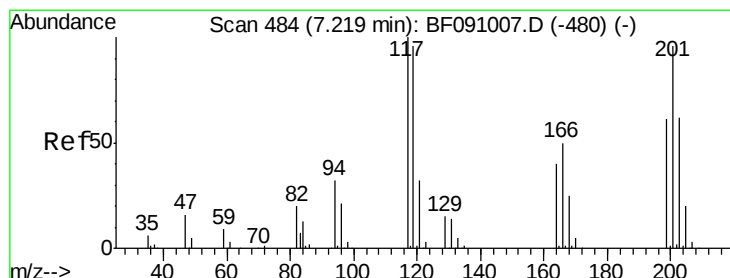
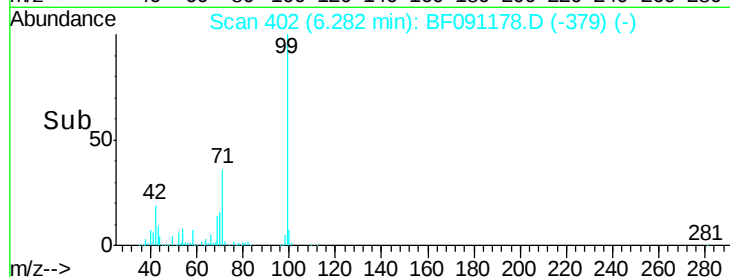
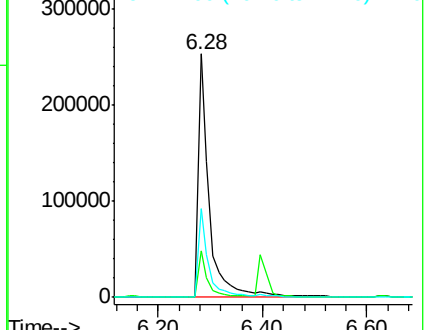
71 36.2 27.8 41.8



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



#18

Hexachloroethane

Concen: 10.24 ng

RT: 7.21 min Scan# 483

Delta R.T. 0.03 min

Lab File: BF091178.D

Acq: 15 Nov 2016 14:59

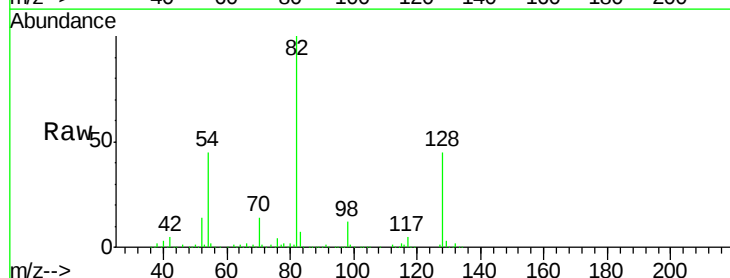
Tgt Ion: 117 Resp: 50130

Ion Ratio Lower Upper

117 100

119 3.6 76.6 115.0#

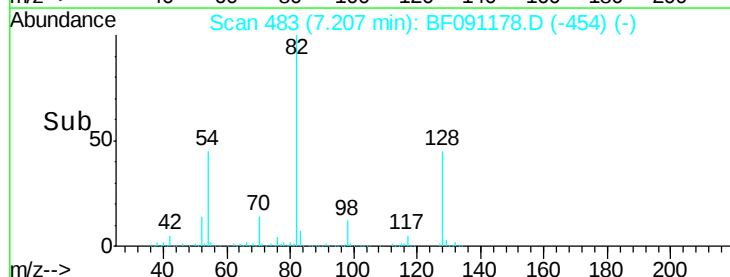
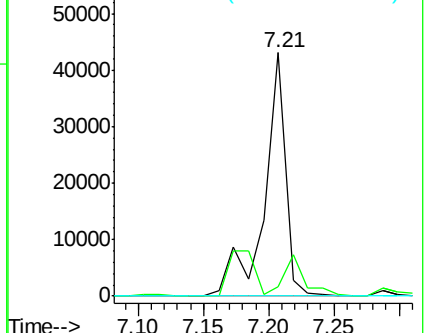
201 0.0 77.1 115.7#

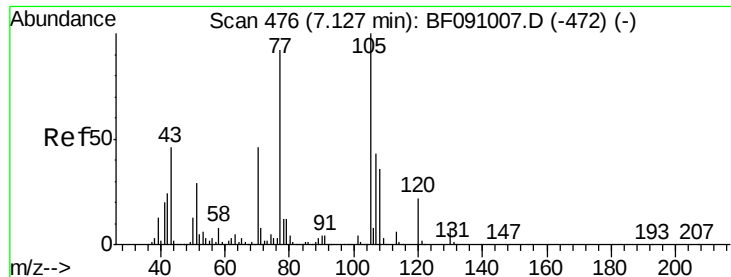


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

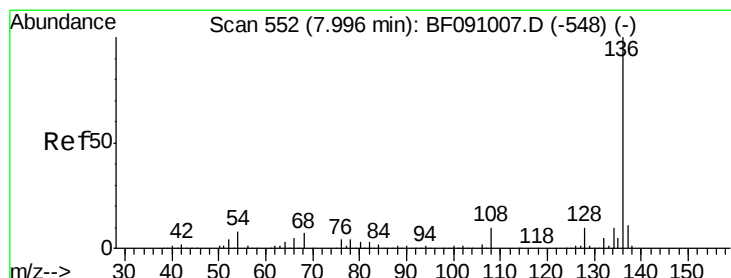
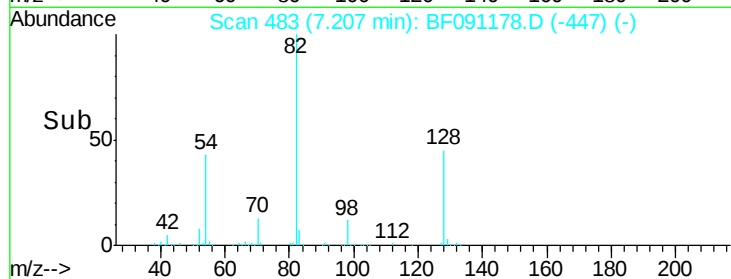
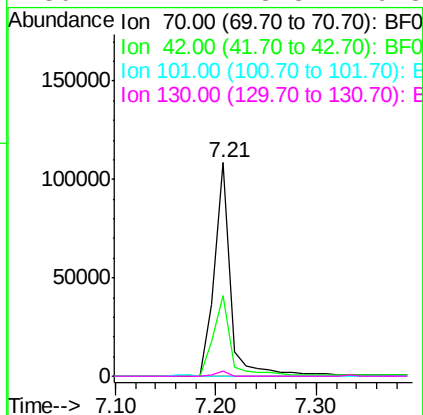
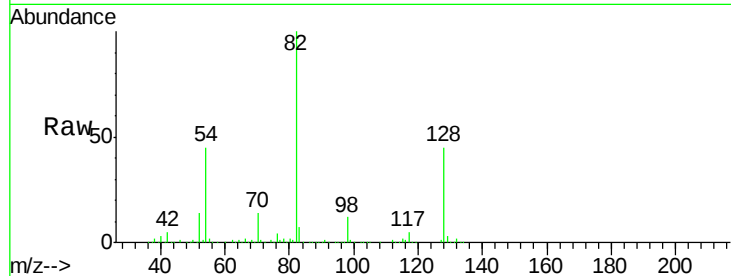




#19
n-Nitroso-di-n-propylamine
Concen: 13.31 ng
RT: 7.21 min Scan# 483
Delta R.T. 0.11 min
Lab File: BF091178.D
Acq: 15 Nov 2016 14:59

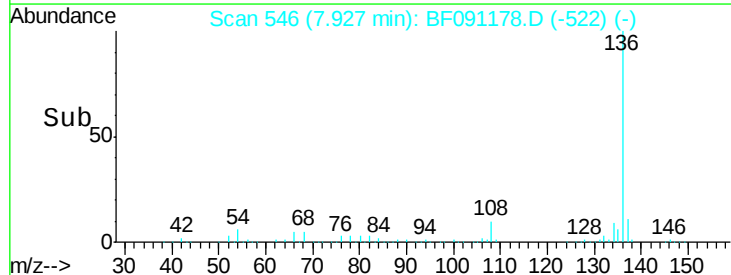
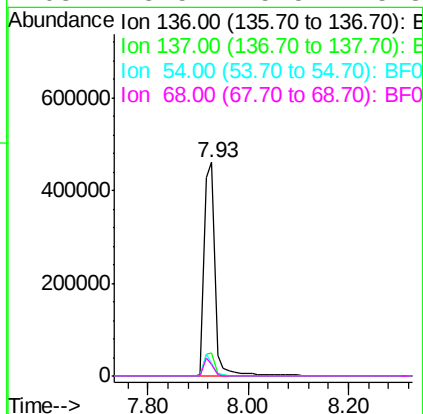
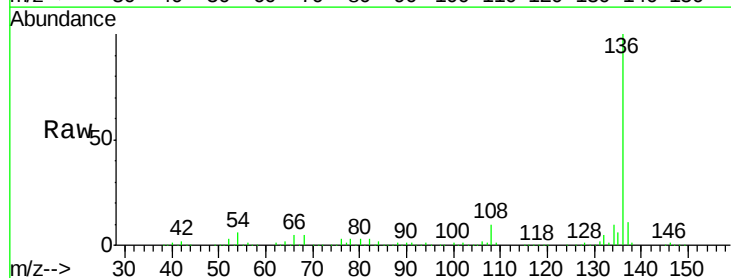
Instrument :
BNA_F
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C19013041

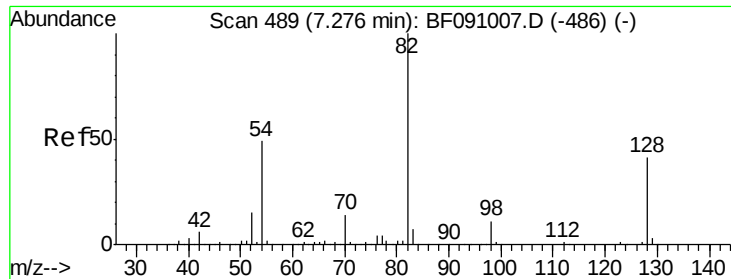
Tgt Ion: 70 Resp: 122365
Ion Ratio Lower Upper
70 100
42 37.6 41.7 62.5#
101 0.0 6.7 10.1#
130 2.4 13.8 20.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF091178.D
Acq: 15 Nov 2016 14:59

Tgt Ion: 136 Resp: 699175
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.2 6.2 9.2
68 5.5 5.5 8.3#

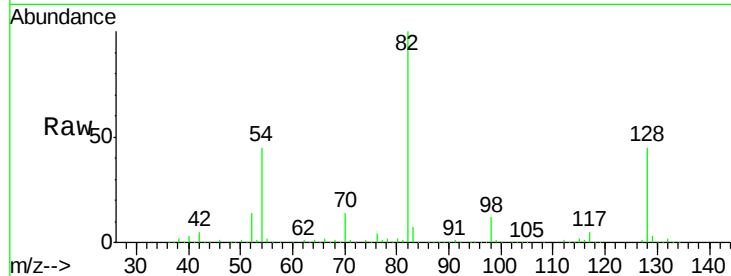




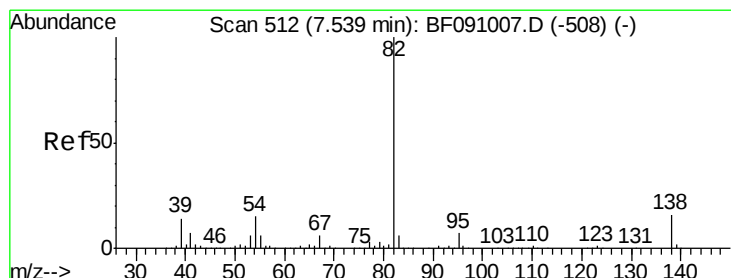
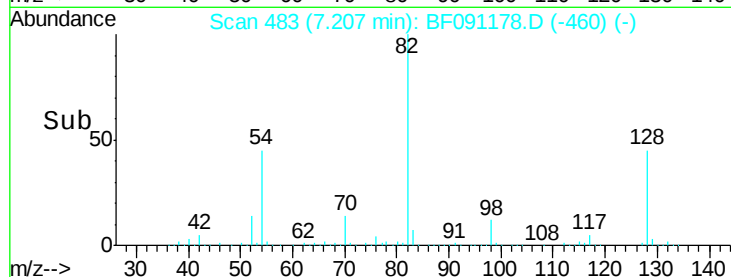
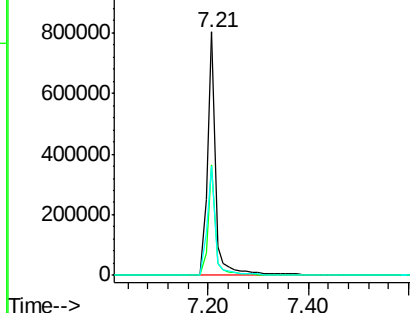
#23
Nitrobenzene-d5
Concen: 71.38 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091178.D
Acq: 15 Nov 2016 14:59

Instrument :
BNA_F
ClientSampleId :
C19013041

Tgt Ion: 82 Resp: 914818
Ion Ratio Lower Upper
82 100
128 45.3 32.4 48.6
54 44.7 39.2 58.8

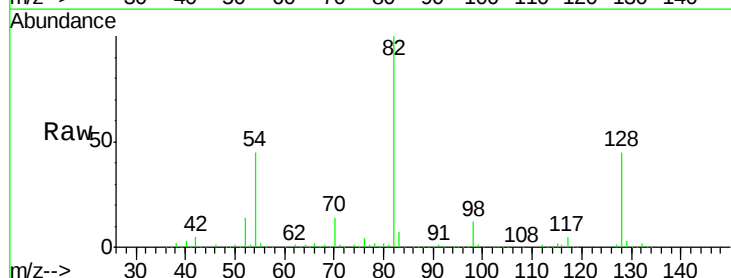


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

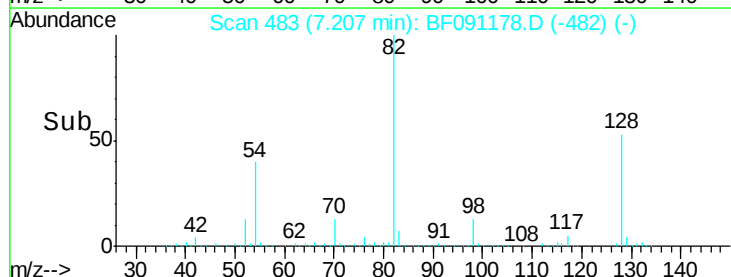
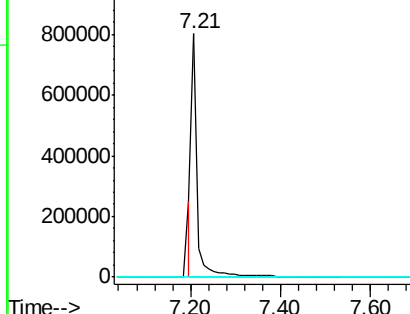


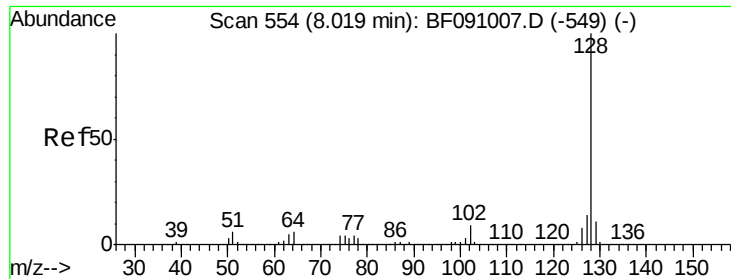
#25
Isophorone
Concen: 29.11 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.29 min
Lab File: BF091178.D
Acq: 15 Nov 2016 14:59

Tgt Ion: 82 Resp: 718866
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.0 19.4#



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

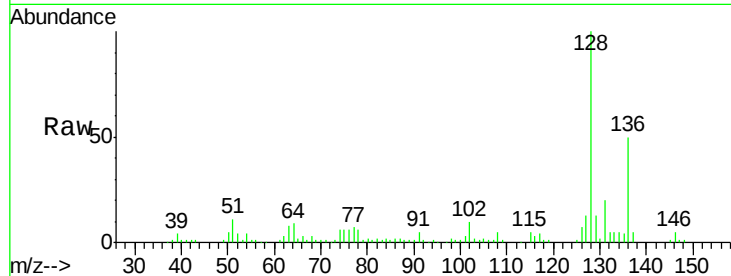




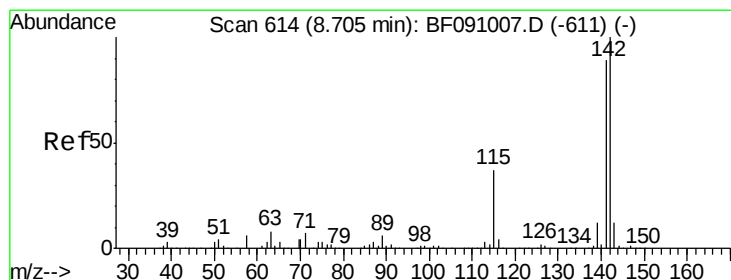
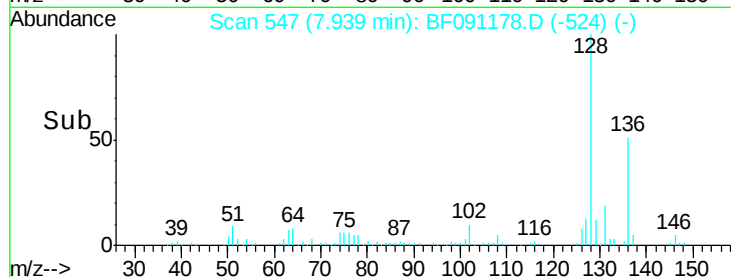
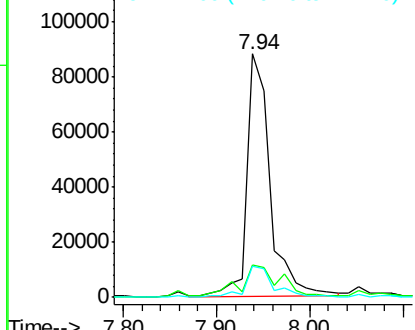
#31
Naphthalene
Concen: 4.48 ng
RT: 7.94 min Scan# 547
Delta R.T. -0.03 min
Lab File: BF091178.D
Acq: 15 Nov 2016 14:59

Instrument :
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ClientSampleId :
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Tgt Ion:128 Resp: 149916
Ion Ratio Lower Upper
128 100
129 13.4 9.0 13.6
127 13.0 10.9 16.3

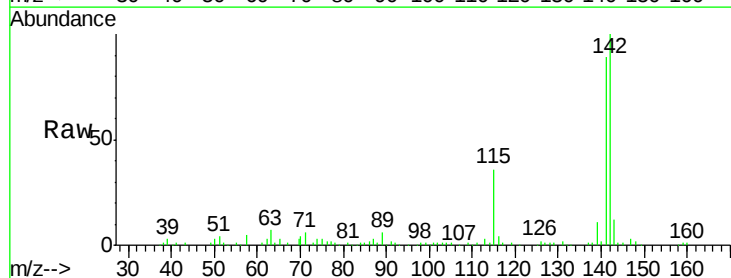


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

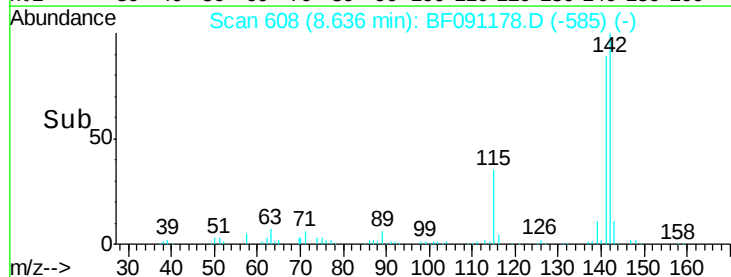
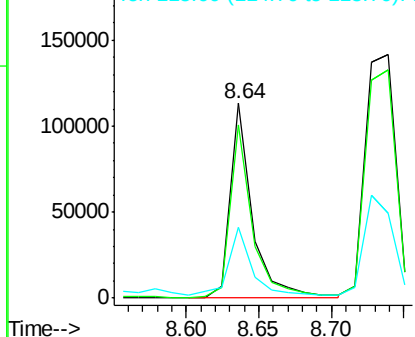


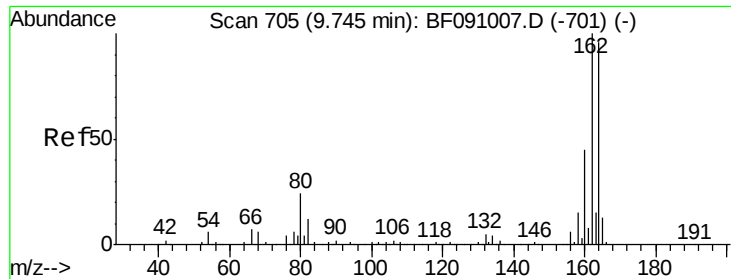
#37
2-Methylnaphthalene
Concen: 5.62 ng
RT: 8.64 min Scan# 608
Delta R.T. -0.03 min
Lab File: BF091178.D
Acq: 15 Nov 2016 14:59

Tgt Ion:142 Resp: 120868
Ion Ratio Lower Upper
142 100
141 88.9 71.3 106.9
115 36.3 29.9 44.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF091178.D

Acq: 15 Nov 2016 14:59

Instrument :

BNA_F

ClientSampleId :

C19013041

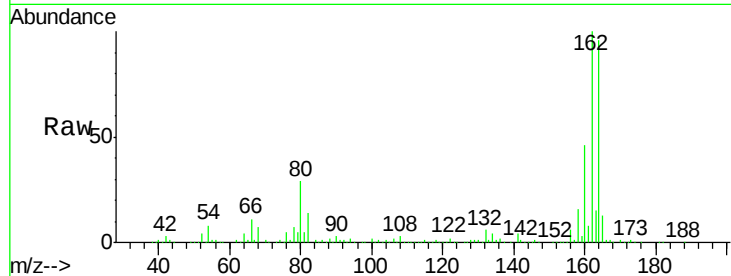
Tgt Ion:164 Resp: 382567

Ion Ratio Lower Upper

164 100

162 103.7 83.6 125.4

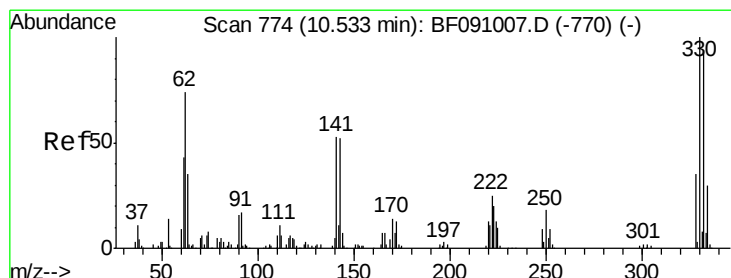
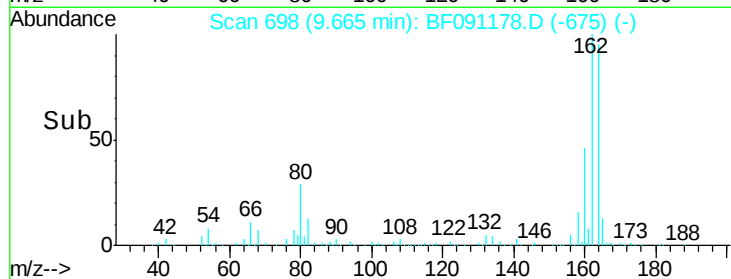
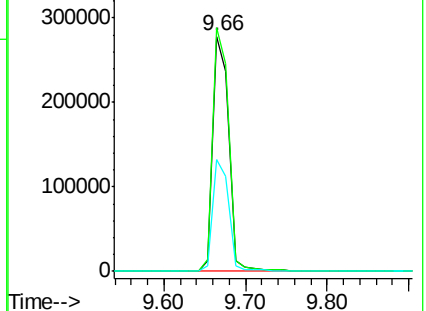
160 47.6 37.9 56.9



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: 38.79 ng

RT: 10.46 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF091178.D

Acq: 15 Nov 2016 14:59

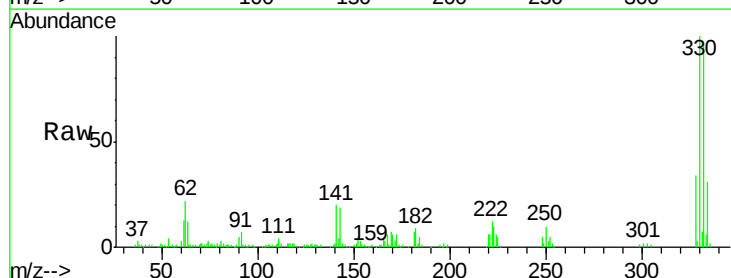
Tgt Ion:330 Resp: 134171

Ion Ratio Lower Upper

330 100

332 96.8 75.9 113.9

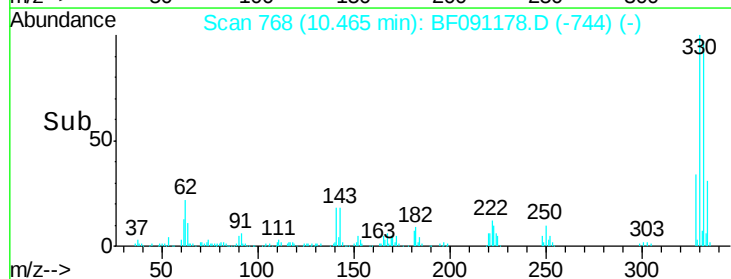
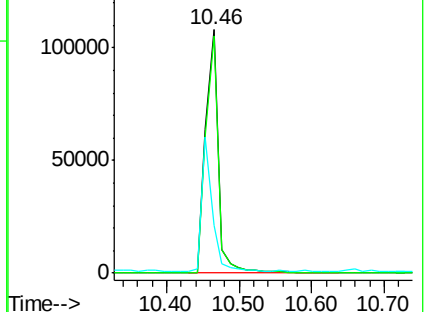
141 46.6 36.1 54.1

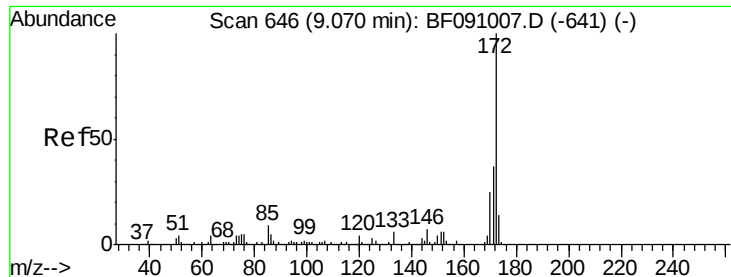


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

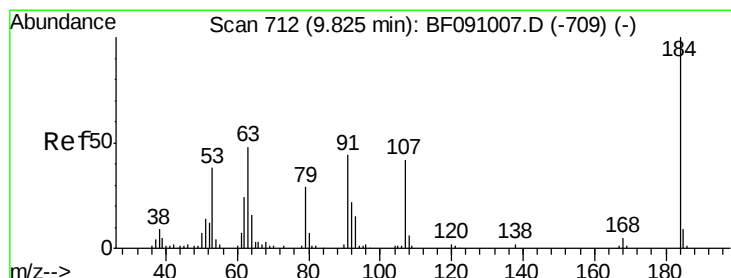
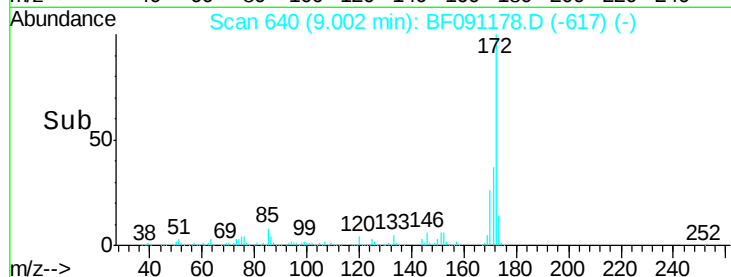
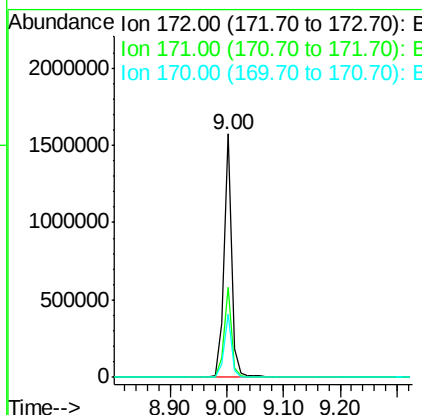
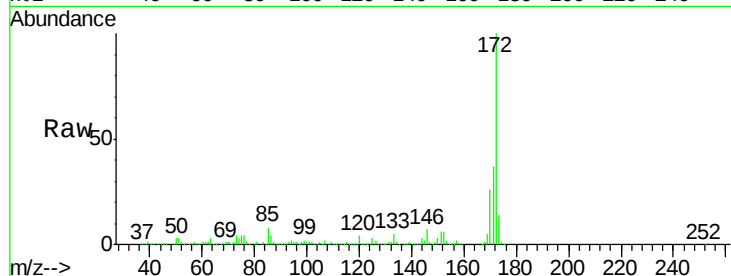




#44
 2-Fluorobiphenyl
 Concen: 68.24 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091178.D
 Acq: 15 Nov 2016 14:59

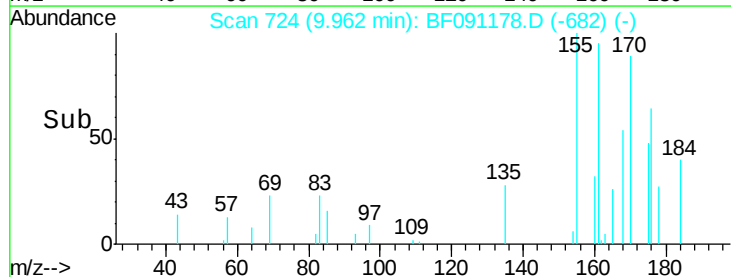
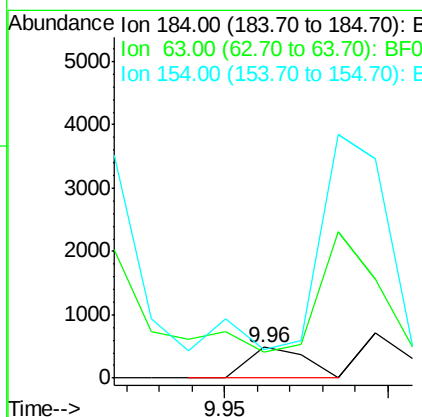
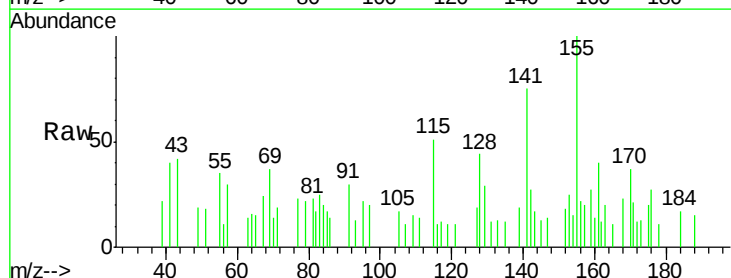
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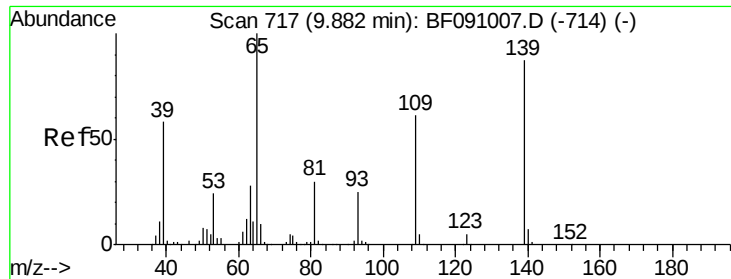
Tgt Ion:172 Resp: 1516356
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 25.8 20.3 30.5



#53
 2,4-Dinitrophenol
 Concen: 6.44 ng
 RT: 9.96 min Scan# 724
 Delta R.T. 0.18 min
 Lab File: BF091178.D
 Acq: 15 Nov 2016 14:59

Tgt Ion:184 Resp: 586
 Ion Ratio Lower Upper
 184 100
 63 84.4 45.5 68.3#
 154 92.4 51.0 76.4#

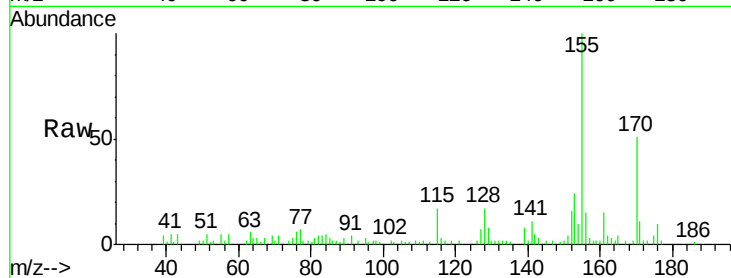




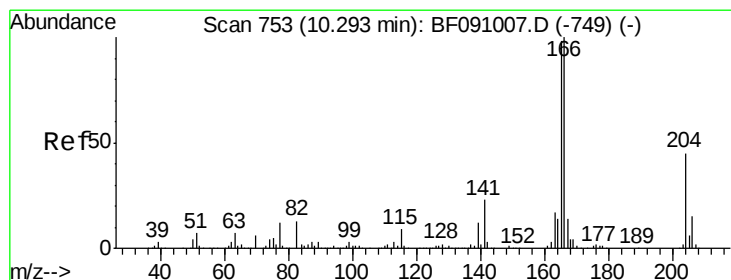
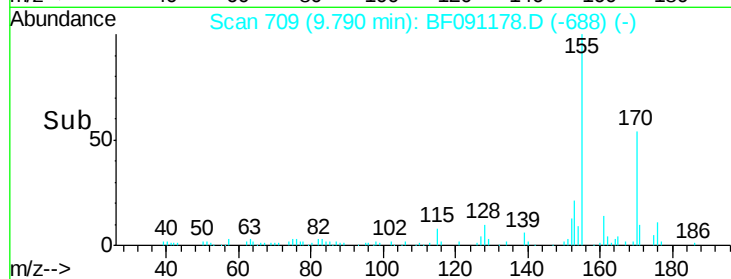
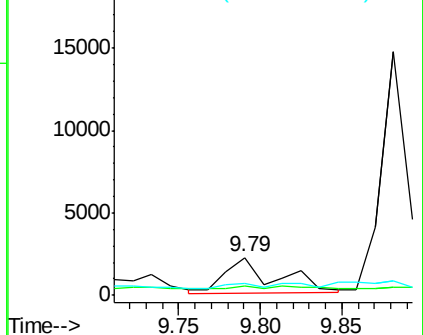
#55
4-Nitrophenol
Concen: 6.74 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.06 min
Lab File: BF091178.D
Acq: 15 Nov 2016 14:59

Instrument :
BNA_F
ClientSampleId :
C19013041

Tgt Ion:139 Resp: 4627
Ion Ratio Lower Upper
139 100
109 25.3 50.5 90.5#
65 32.6 97.1 137.1#

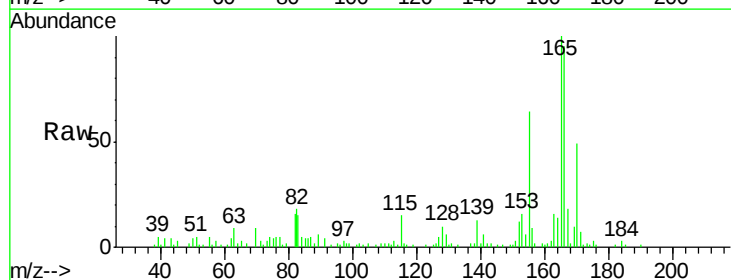


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

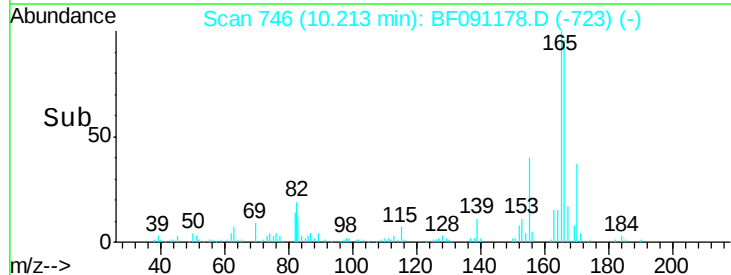
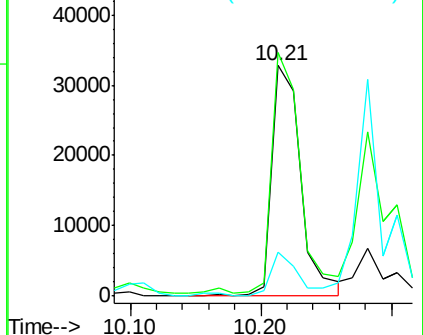


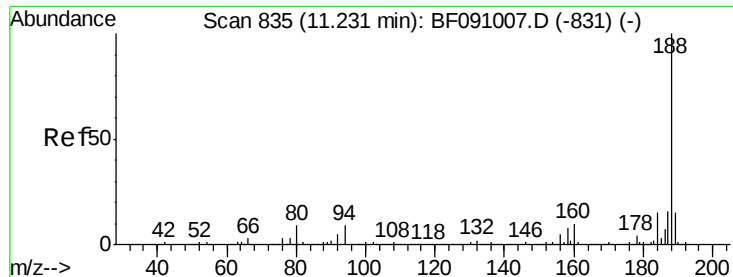
#57
Fluorene
Concen: 2.25 ng
RT: 10.21 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF091178.D
Acq: 15 Nov 2016 14:59

Tgt Ion:166 Resp: 51409
Ion Ratio Lower Upper
166 100
165 105.6 78.6 118.0
167 18.9 11.1 16.7#



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

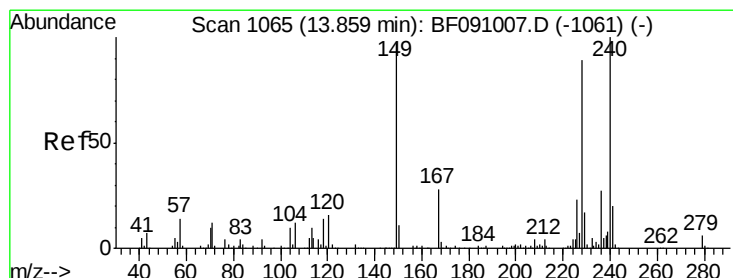
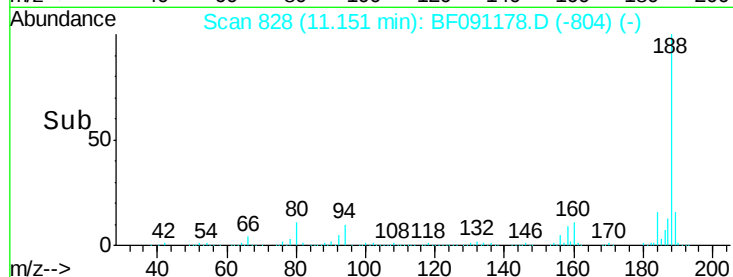
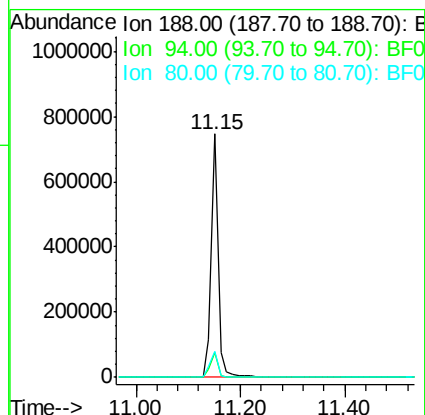
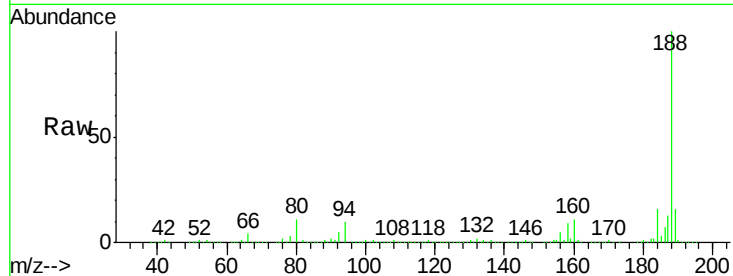




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091178.D
Acq: 15 Nov 2016 14:59

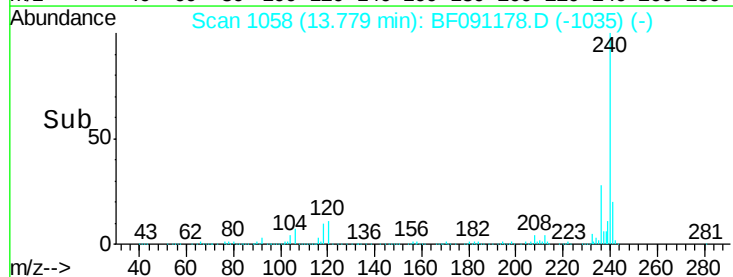
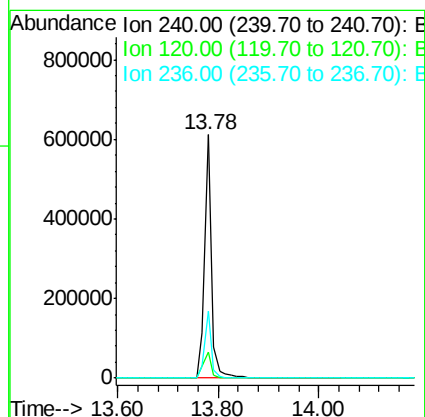
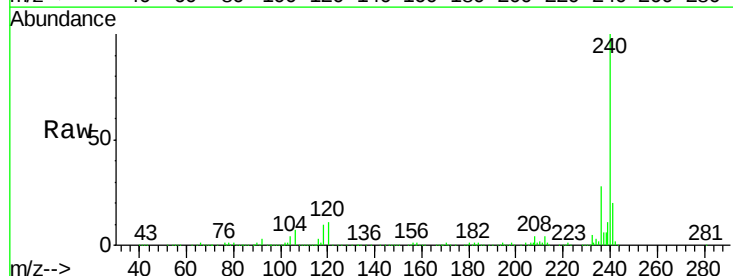
Instrument :
BNA_F
ClientSampleId :
C19013041

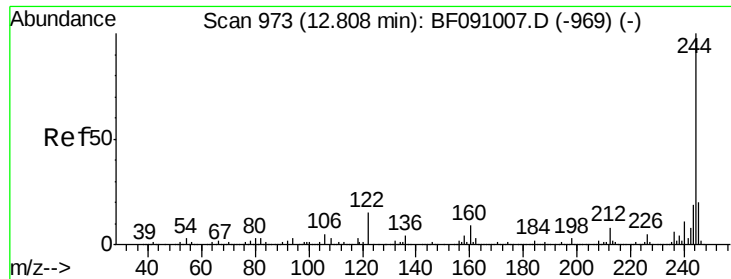
Tgt Ion:188 Resp: 684727
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.4
80 10.5 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF091178.D
Acq: 15 Nov 2016 14:59

Tgt Ion:240 Resp: 591584
Ion Ratio Lower Upper
240 100
120 10.9 12.9 19.3#
236 27.7 21.9 32.9

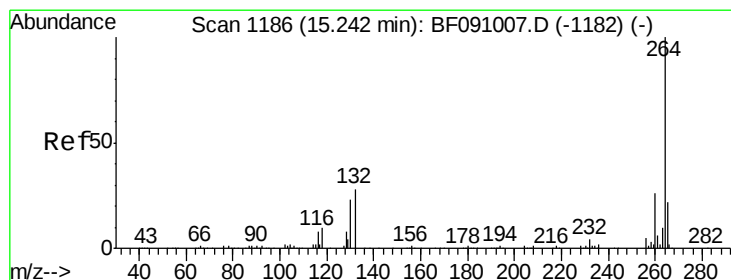
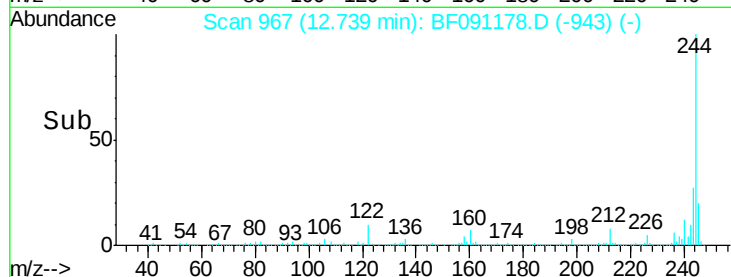
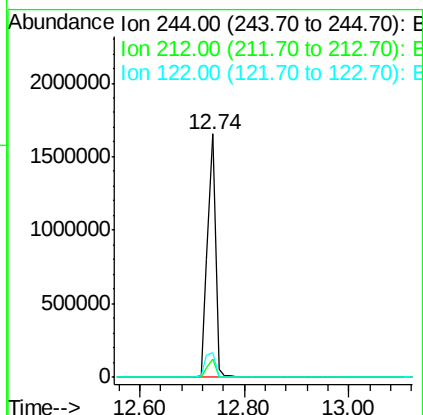
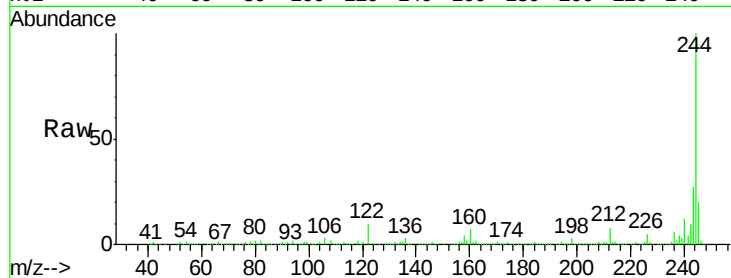




#78
 Terphenyl-d14
 Concen: 74.99 ng
 RT: 12.74 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF091178.D
 Acq: 15 Nov 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 C19013041

Tgt Ion:244 Resp: 1777676
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 10.1 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1178
 Delta R.T. -0.03 min
 Lab File: BF091178.D
 Acq: 15 Nov 2016 14:59

Tgt Ion:264 Resp: 453923
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.6 30.8
 265 22.1 17.8 26.8

