

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
 Data File : BF091181.D
 Acq On : 15 Nov 2016 16:22
 Operator : UM/SJ
 Sample : H5636-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C19023041

Quant Time: Nov 16 00:20:35 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

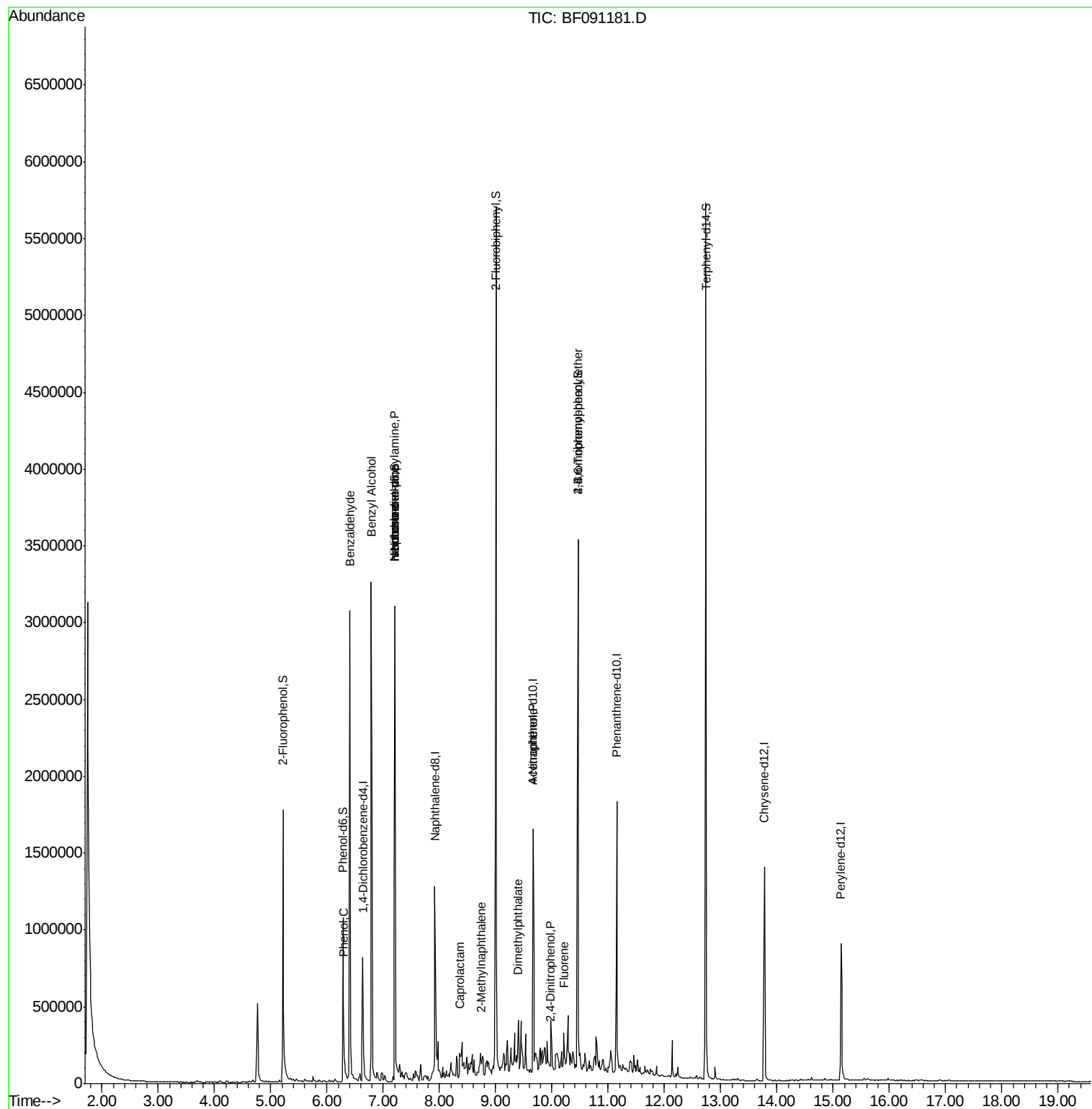
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	154453	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	665569	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	368781	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	676101	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	547830	20.00	ng	-0.03
86) Perylene-d12	15.14	264	425153	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	606795	64.88	ng	-0.02
7) Phenol-d6	6.28	99	493932	38.91	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1265449	103.72	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	541795	162.51	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1910719	89.20	ng	-0.03
78) Terphenyl-d14	12.74	244	2131563	97.10	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.41	77	29560	4.20	ng	91
10) Phenol	6.29	94	31996	2.28	ng	91
15) Benzyl Alcohol	6.78	79	21873	2.44	ng	# 52
18) Hexachloroethane	7.21	117	22740	4.85	ng	# 4
19) n-Nitroso-di-n-propylamine	7.21	70	174349	19.82	ng	# 77
25) Isophorone	7.21	82	1244603	52.94	ng	# 67
35) Caprolactam	8.36	113	17682	6.84	ng	# 84
37) 2-Methylnaphthalene	8.74	142	41942	2.05	ng	94
49) Dimethylphthalate	9.40	163	125724	5.20	ng	99
53) 2,4-Dinitrophenol	9.96	184	1227	6.66	ng	# 84
55) 4-Nitrophenol	9.66	139	4129	6.67	ng	89
57) Fluorene	10.21	166	46914	2.13	ng	# 93
66) 4-Bromophenyl-phenylether	10.46	248	38134	5.42	ng	# 1

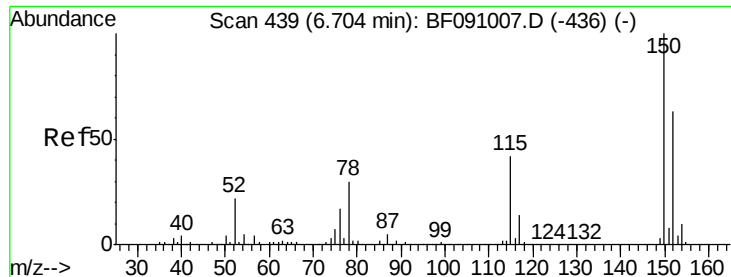
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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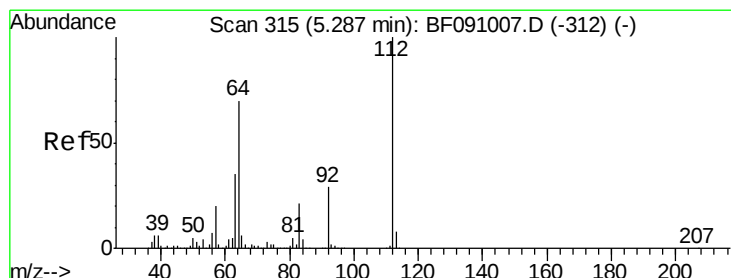
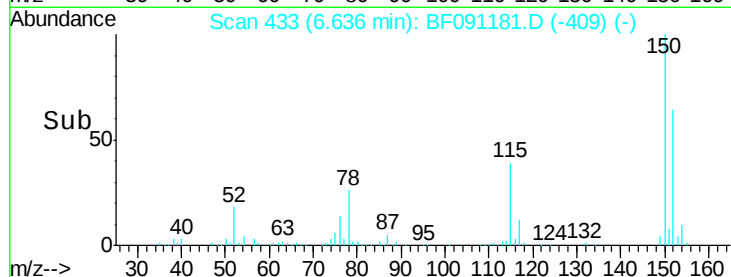
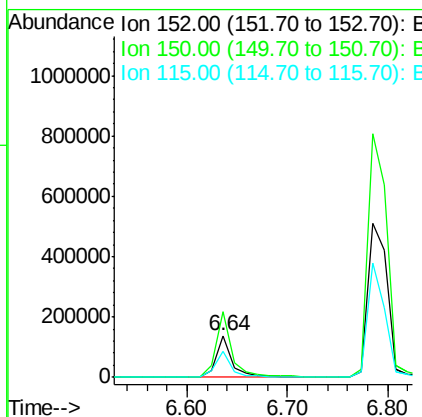
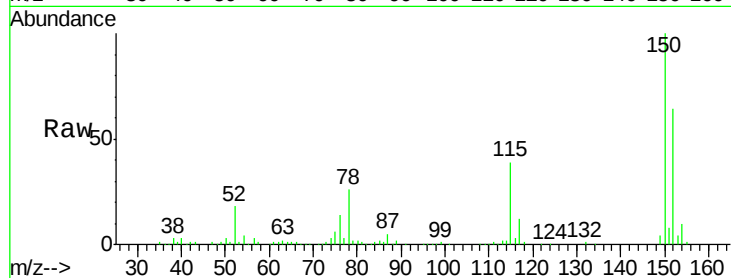




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF091181.D
 Acq: 15 Nov 2016 16:22

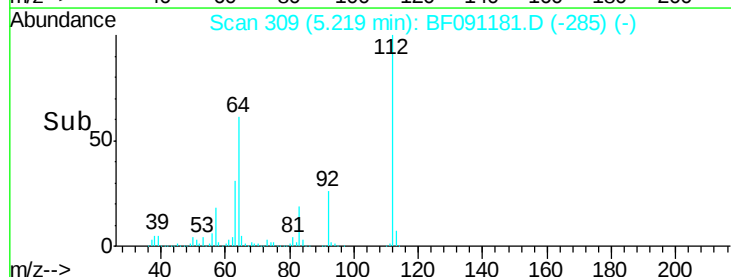
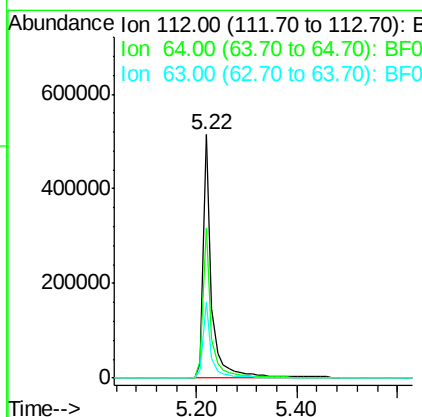
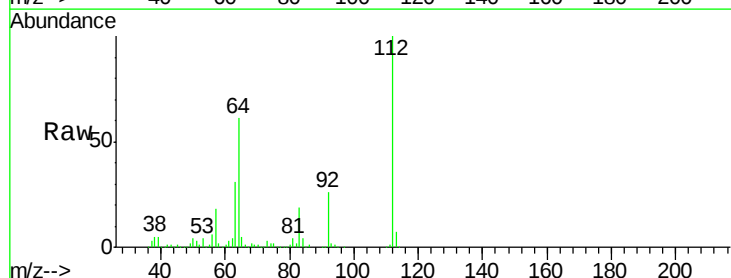
Instrument :
 BNA_F
 ClientSampleId :
 C19023041

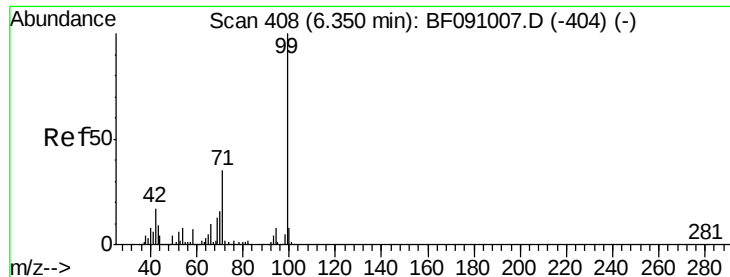
Tgt Ion:152 Resp: 154453
 Ion Ratio Lower Upper
 152 100
 150 156.8 126.8 190.2
 115 60.7 53.3 79.9



#5
 2-Fluorophenol
 Concen: 64.88 ng
 RT: 5.22 min Scan# 309
 Delta R.T. -0.02 min
 Lab File: BF091181.D
 Acq: 15 Nov 2016 16:22

Tgt Ion:112 Resp: 606795
 Ion Ratio Lower Upper
 112 100
 64 61.5 55.8 83.6
 63 31.1 28.0 42.0





#7

Phenol-d6

Concen: 38.91 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091181.D

Acq: 15 Nov 2016 16:22

Instrument :

BNA_F

ClientSampleId :

C19023041

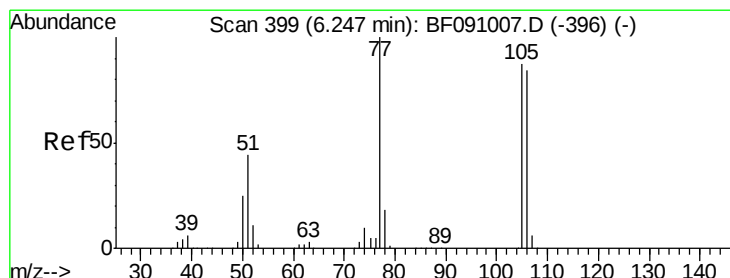
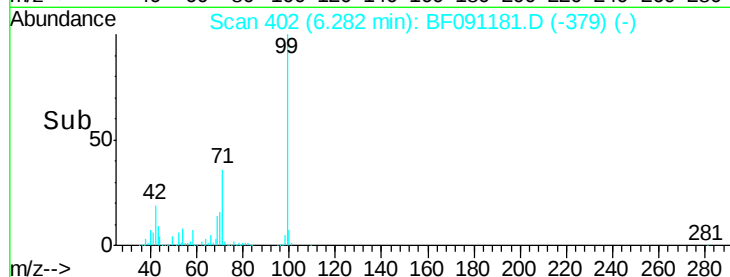
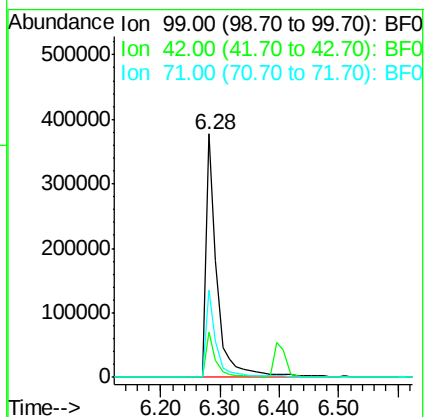
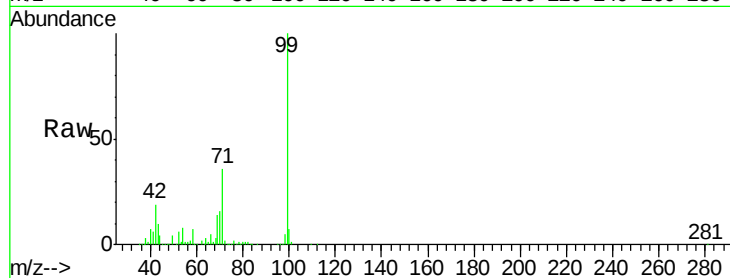
Tgt Ion: 99 Resp: 493932

Ion Ratio Lower Upper

99 100

42 18.6 13.9 20.9

71 36.1 27.8 41.8



#9

Benzaldehyde

Concen: 4.20 ng

RT: 6.41 min Scan# 413

Delta R.T. 0.21 min

Lab File: BF091181.D

Acq: 15 Nov 2016 16:22

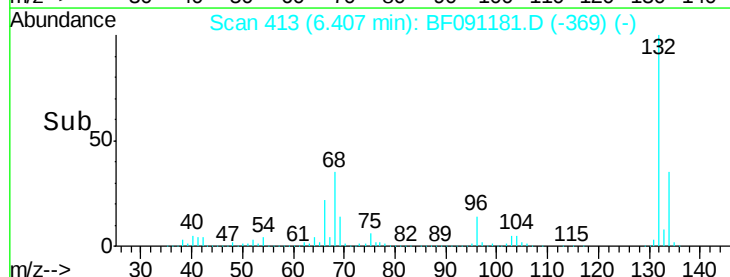
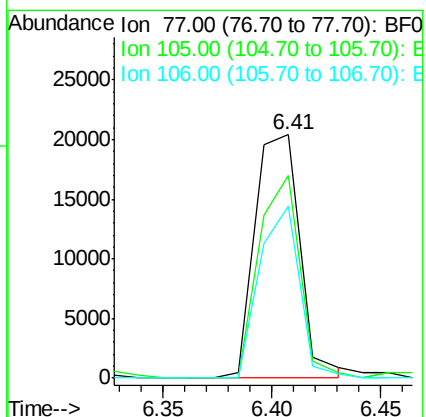
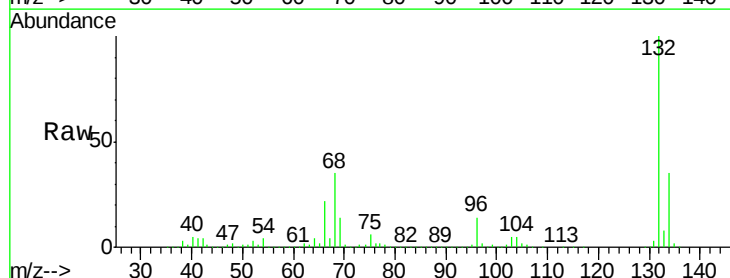
Tgt Ion: 77 Resp: 29560

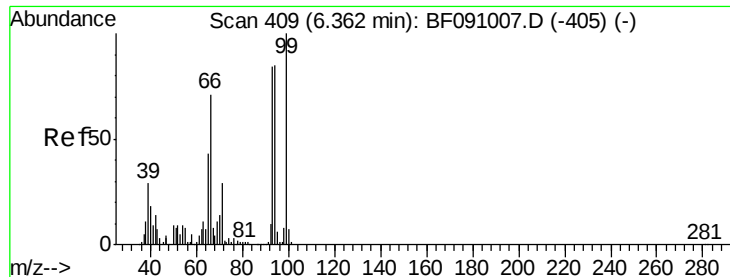
Ion Ratio Lower Upper

77 100

105 83.2 66.8 106.8

106 70.9 64.0 104.0





#10

Phenol

Concen: 2.28 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF091181.D

Acq: 15 Nov 2016 16:22

Instrument :

BNA_F

ClientSampleId :

C19023041

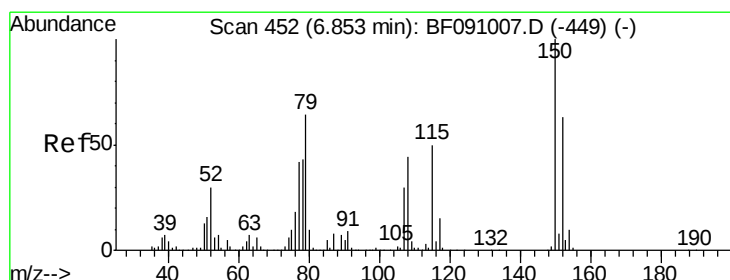
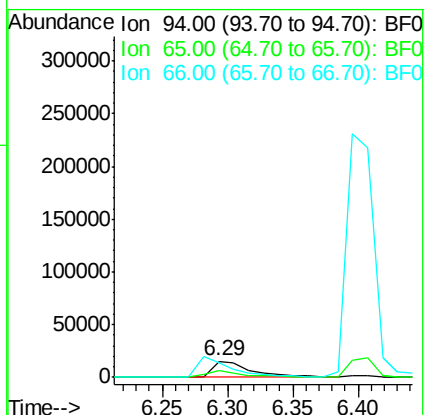
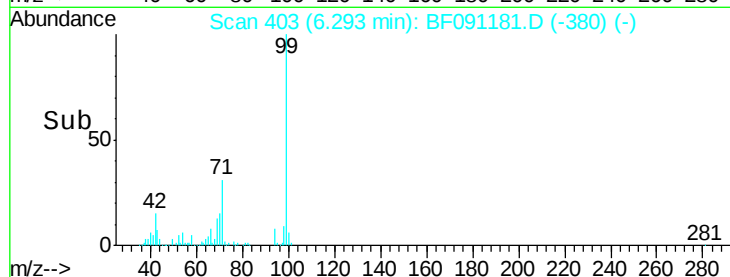
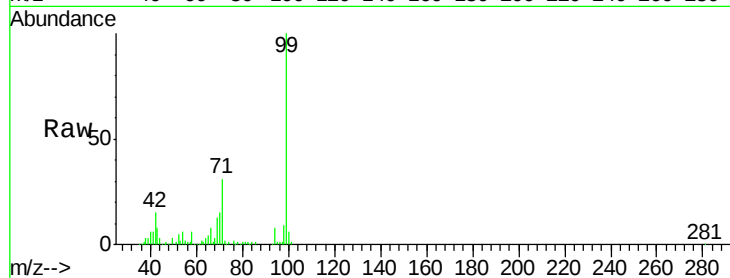
Tgt Ion: 94 Resp: 31996

Ion Ratio Lower Upper

94 100

65 43.0 30.4 70.4

66 90.8 62.9 102.9



#15

Benzyl Alcohol

Concen: 2.44 ng

RT: 6.78 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF091181.D

Acq: 15 Nov 2016 16:22

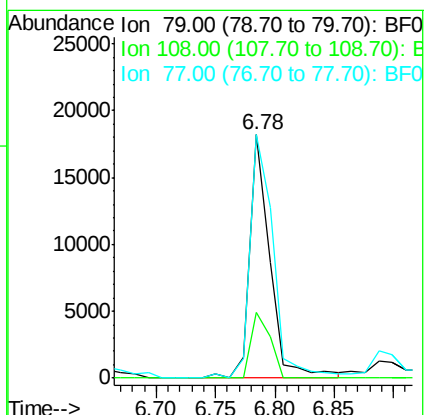
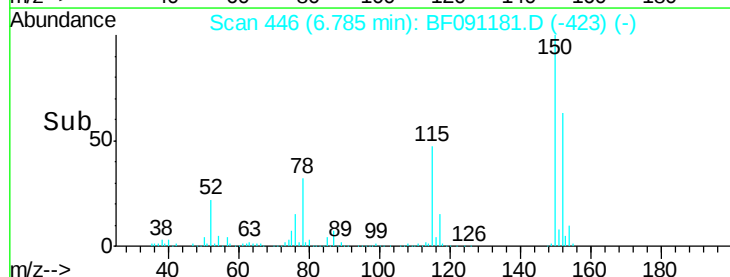
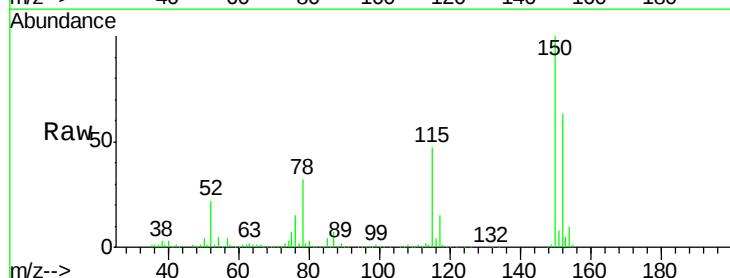
Tgt Ion: 79 Resp: 21873

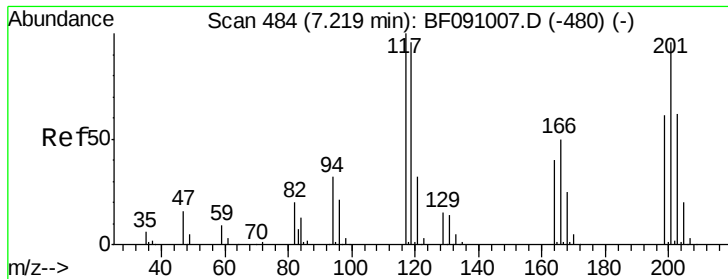
Ion Ratio Lower Upper

79 100

108 27.2 55.7 83.5#

77 100.1 52.6 79.0#

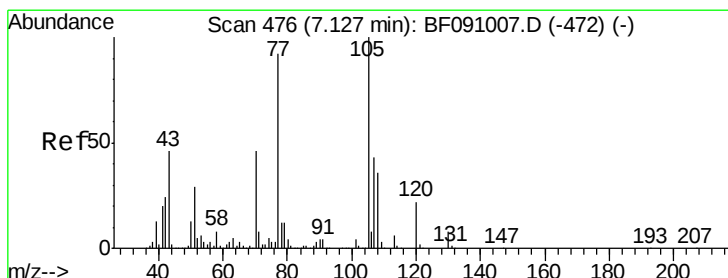
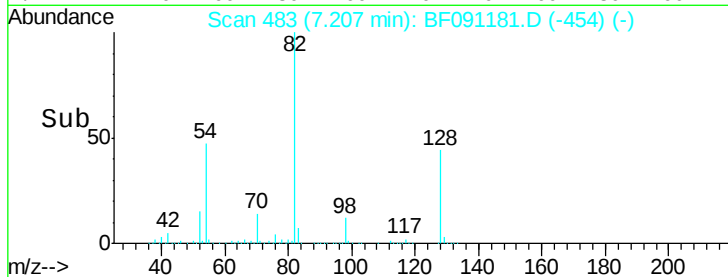
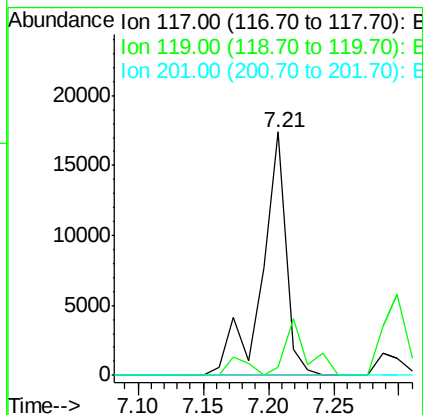
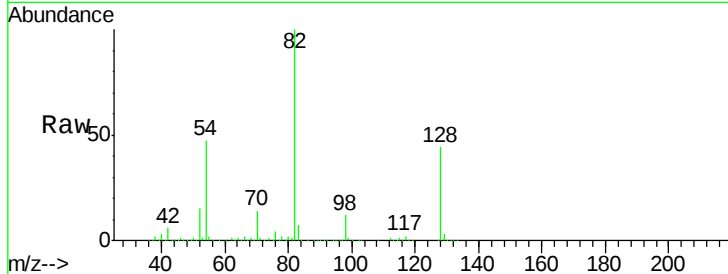




#18
Hexachloroethane
Concen: 4.85 ng
RT: 7.21 min Scan# 483
Delta R.T. 0.03 min
Lab File: BF091181.D
Acq: 15 Nov 2016 16:22

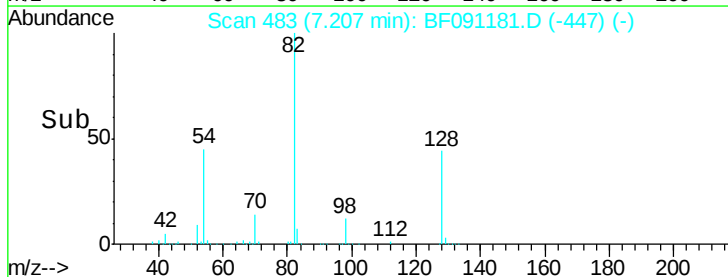
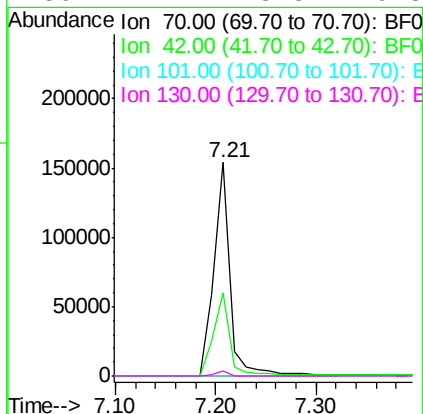
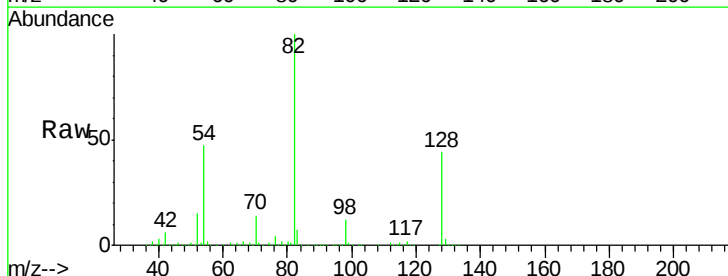
Instrument :
BNA_F
ClientSampleId :
C19023041

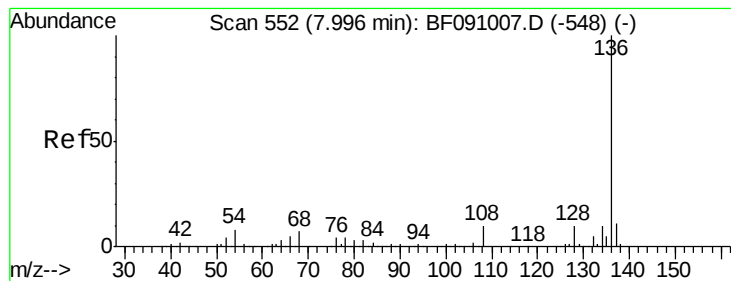
Tgt Ion: 117 Resp: 22740
Ion Ratio Lower Upper
117 100
119 3.6 76.6 115.0#
201 0.0 77.1 115.7#



#19
n-Nitroso-di-n-propylamine
Concen: 19.82 ng
RT: 7.21 min Scan# 483
Delta R.T. 0.11 min
Lab File: BF091181.D
Acq: 15 Nov 2016 16:22

Tgt Ion: 70 Resp: 174349
Ion Ratio Lower Upper
70 100
42 39.1 41.7 62.5#
101 0.0 6.7 10.1#
130 2.2 13.8 20.8#

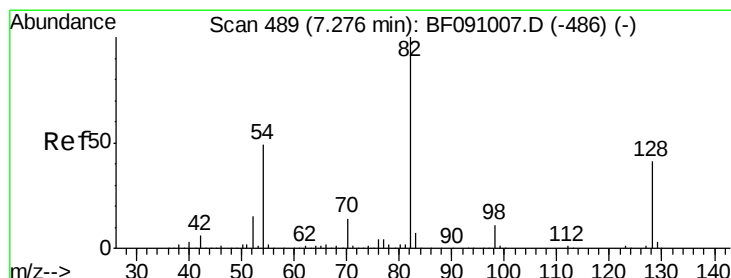
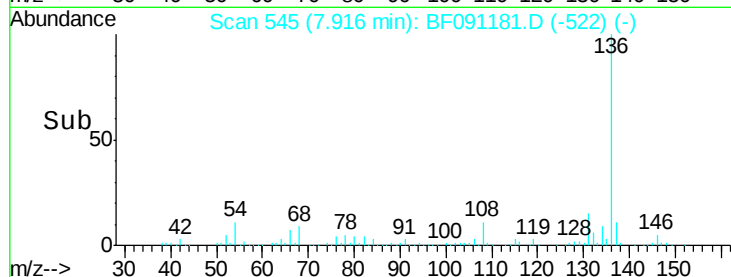
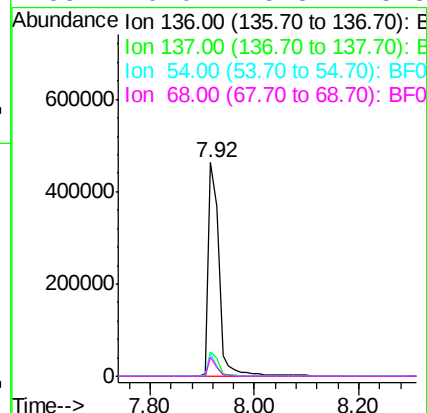
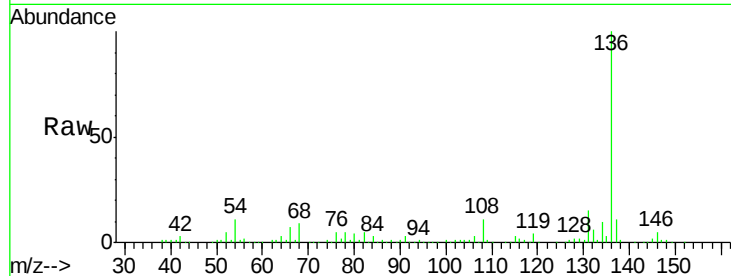




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF091181.D
Acq: 15 Nov 2016 16:22

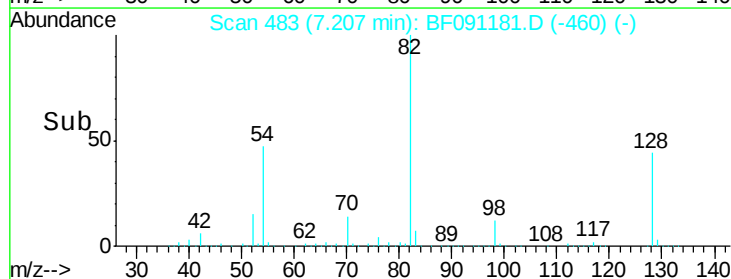
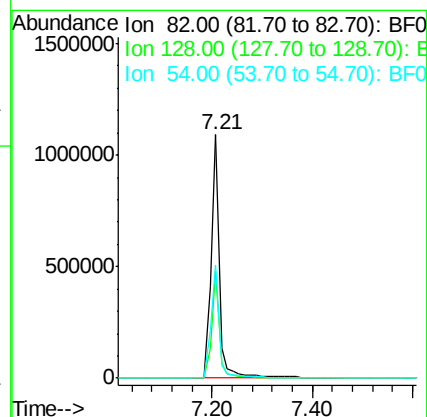
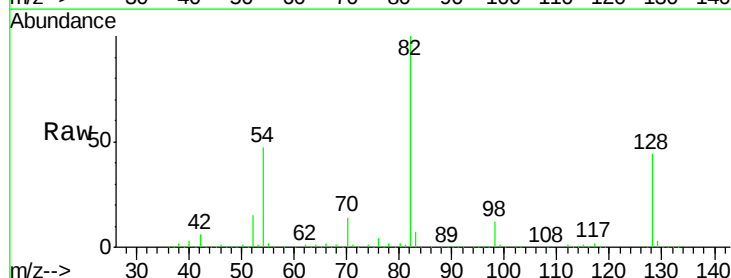
Instrument :
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ClientSampleId :
C19023041

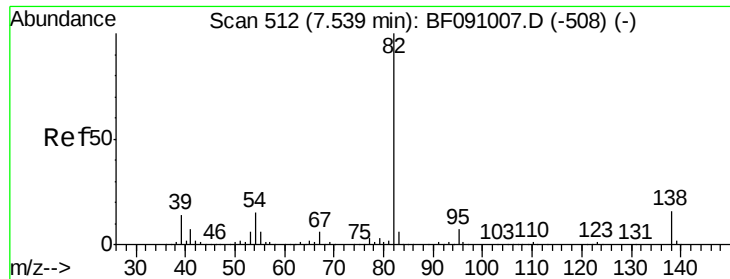
Tgt Ion:	136	Resp:	665569
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.7	6.2	9.2#
68	9.0	5.5	8.3#



#23
Nitrobenzene-d5
Concen: 103.72 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091181.D
Acq: 15 Nov 2016 16:22

Tgt Ion:	82	Resp:	1265449
Ion	Ratio	Lower	Upper
82	100		
128	43.7	32.4	48.6
54	46.6	39.2	58.8





#25

Isophorone

Concen: 52.94 ng

RT: 7.21 min Scan# 483

Delta R.T. -0.29 min

Lab File: BF091181.D

Acq: 15 Nov 2016 16:22

Instrument :

BNA_F

ClientSampleId :

C19023041

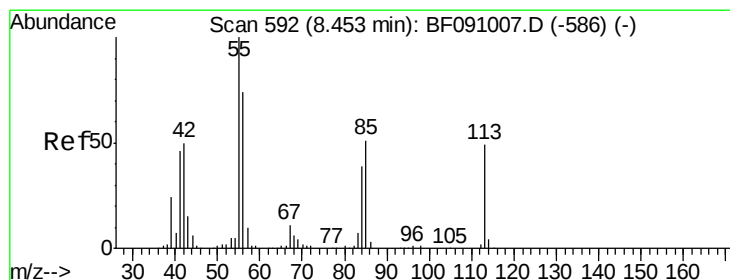
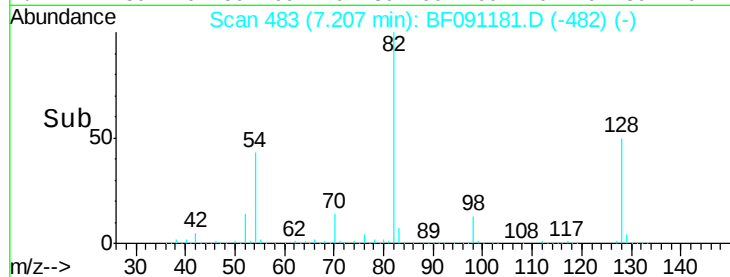
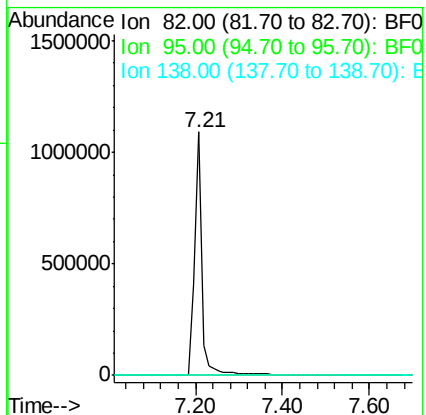
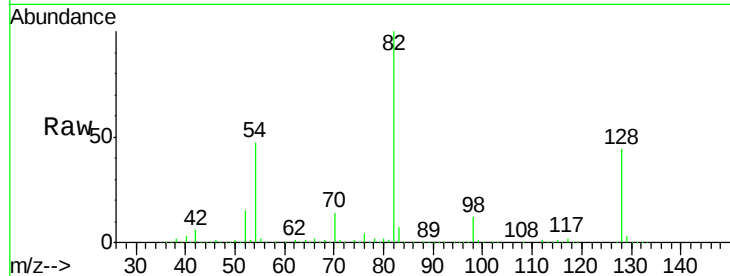
Tgt Ion: 82 Resp: 1244603

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 13.0 19.4#



#35

Caprolactam

Concen: 6.84 ng

RT: 8.36 min Scan# 584

Delta R.T. -0.06 min

Lab File: BF091181.D

Acq: 15 Nov 2016 16:22

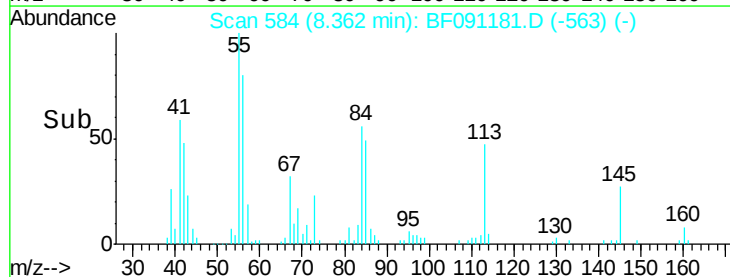
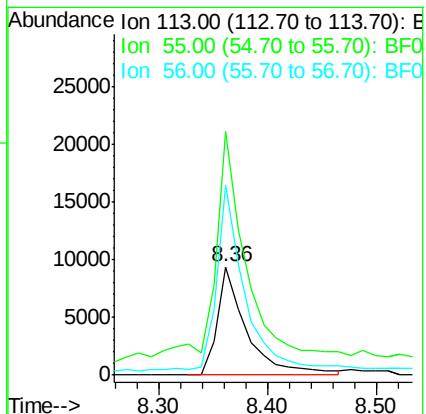
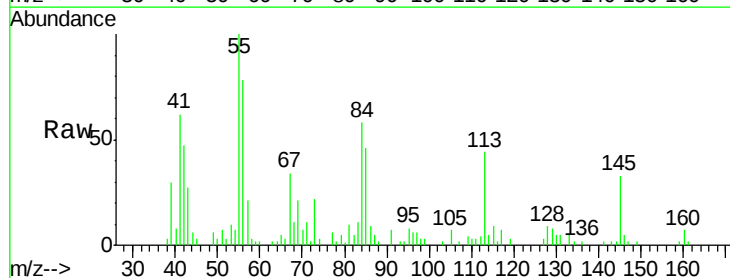
Tgt Ion: 113 Resp: 17682

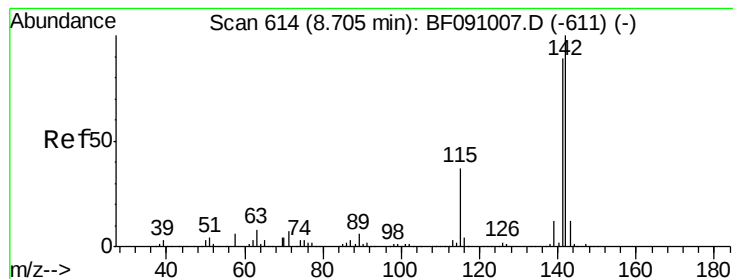
Ion Ratio Lower Upper

113 100

55 224.9 184.1 224.1#

56 175.4 132.0 172.0#

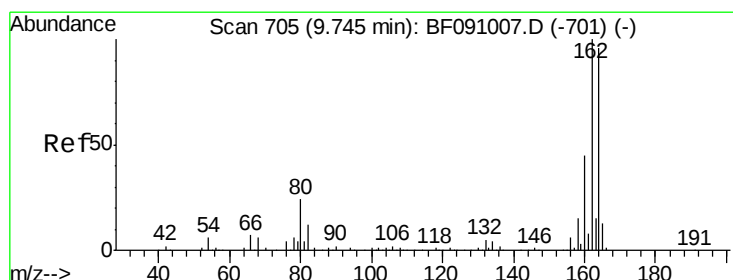
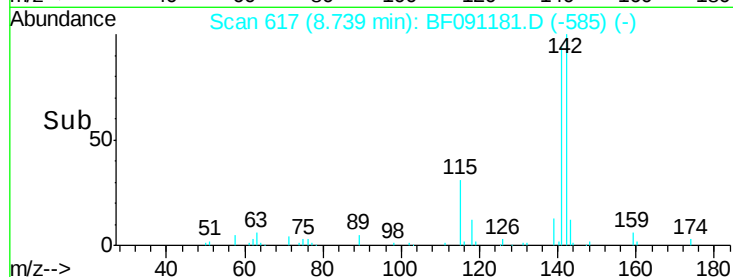
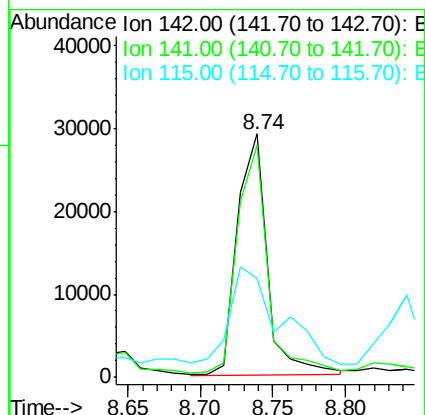
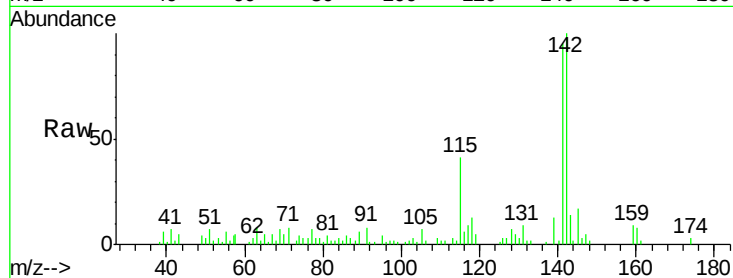




#37
2-Methylnaphthalene
Concen: 2.05 ng
RT: 8.74 min Scan# 617
Delta R.T. 0.07 min
Lab File: BF091181.D
Acq: 15 Nov 2016 16:22

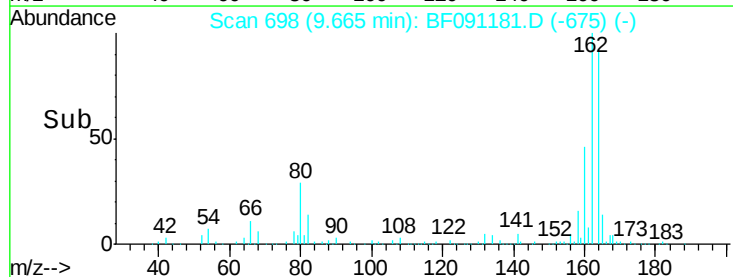
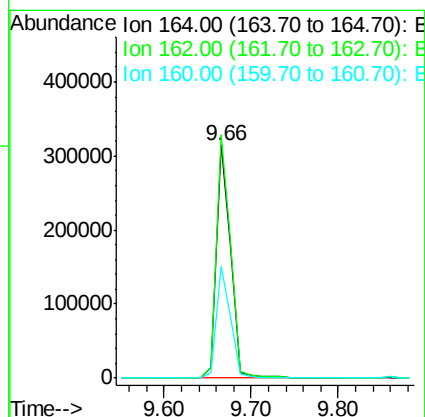
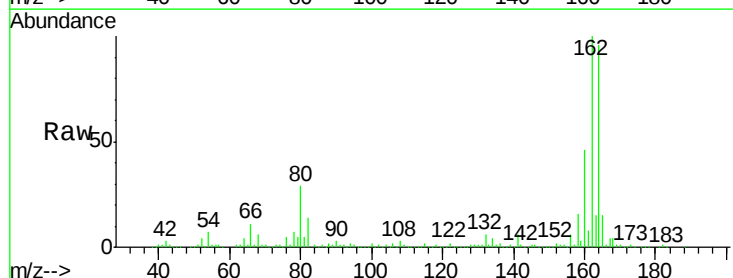
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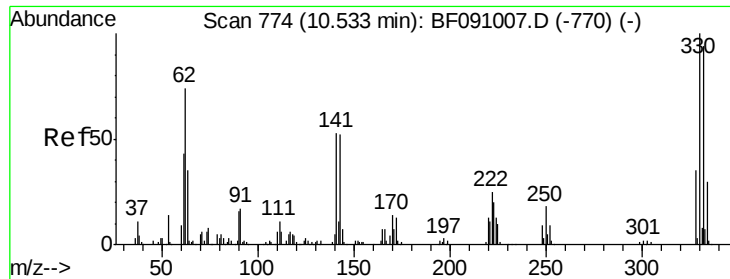
Tgt Ion:142 Resp: 41942
Ion Ratio Lower Upper
142 100
141 95.4 71.3 106.9
115 40.9 29.9 44.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF091181.D
Acq: 15 Nov 2016 16:22

Tgt Ion:164 Resp: 368781
Ion Ratio Lower Upper
164 100
162 104.3 83.6 125.4
160 48.0 37.9 56.9

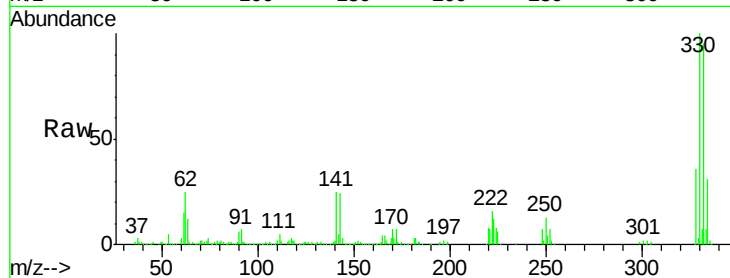




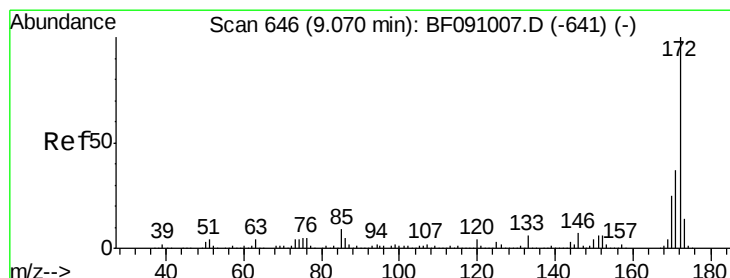
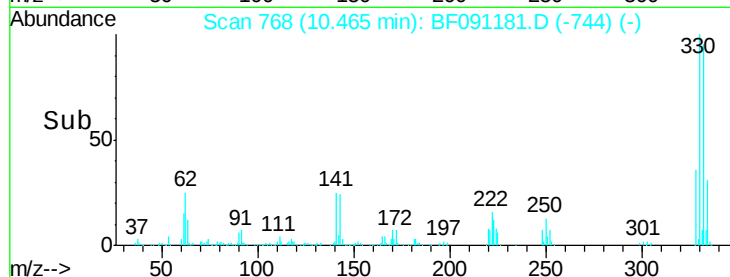
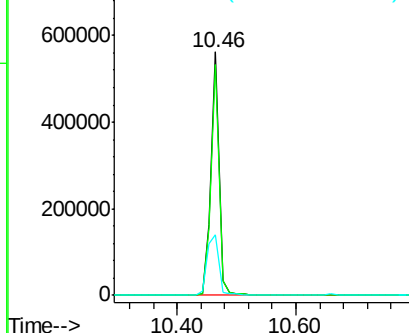
#41
 2,4,6-Tribromophenol
 Concen: 162.51 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091181.D
 Acq: 15 Nov 2016 16:22

Instrument :
 BNA_F
 ClientSampleId :
 C19023041

Tgt Ion:330 Resp: 541795
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.9 113.9
 141 36.0 36.1 54.1#

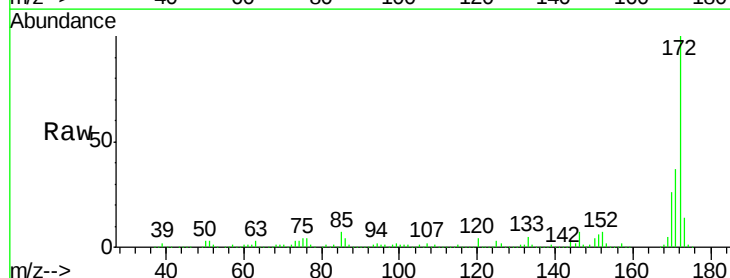


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

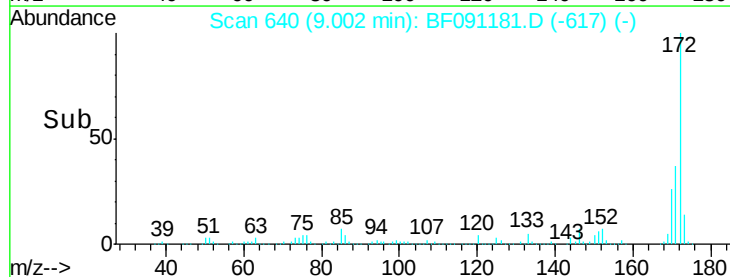
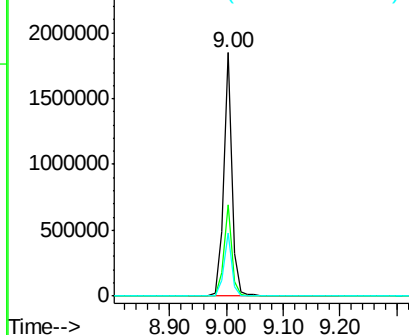


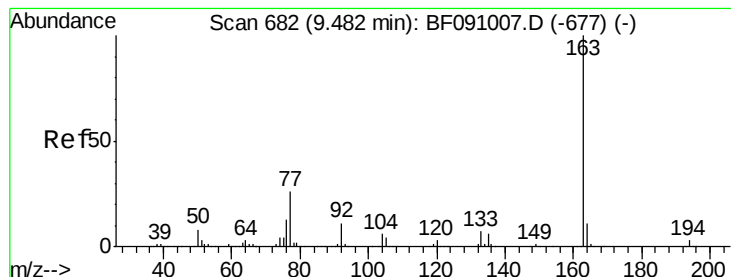
#44
 2-Fluorobiphenyl
 Concen: 89.20 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091181.D
 Acq: 15 Nov 2016 16:22

Tgt Ion:172 Resp: 1910719
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 25.9 20.3 30.5



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: 5.20 ng

RT: 9.40 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF091181.D

Acq: 15 Nov 2016 16:22

Instrument :

BNA_F

ClientSampleId :

C19023041

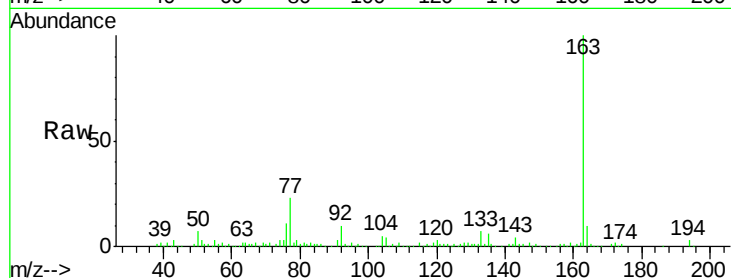
Tgt Ion:163 Resp: 125724

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

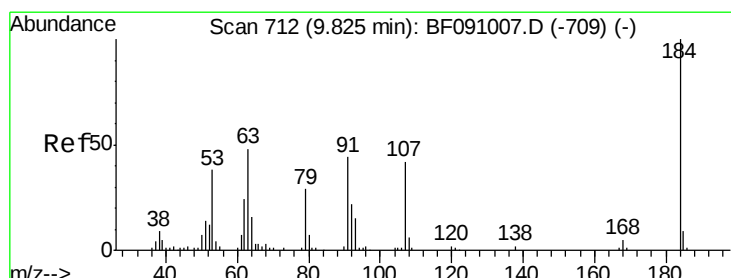
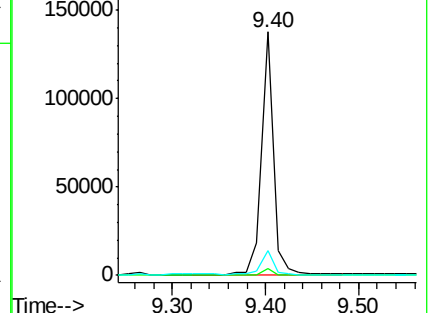
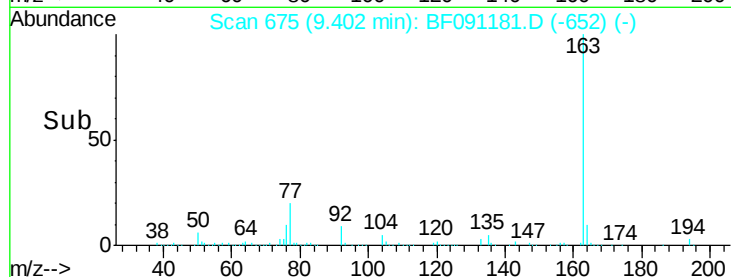
164 10.3 8.7 13.1



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



#53

2,4-Dinitrophenol

Concen: 6.66 ng

RT: 9.96 min Scan# 724

Delta R.T. 0.18 min

Lab File: BF091181.D

Acq: 15 Nov 2016 16:22

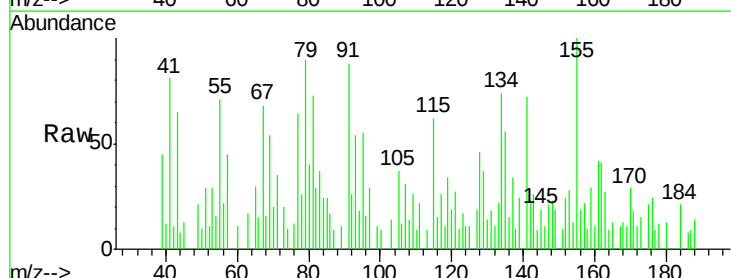
Tgt Ion:184 Resp: 1227

Ion Ratio Lower Upper

184 100

63 79.3 45.5 68.3#

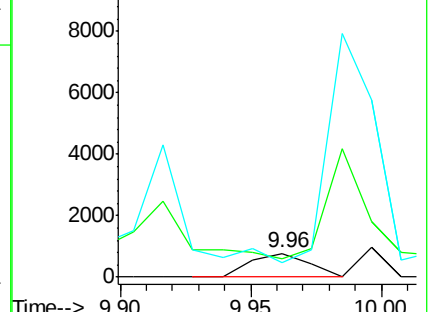
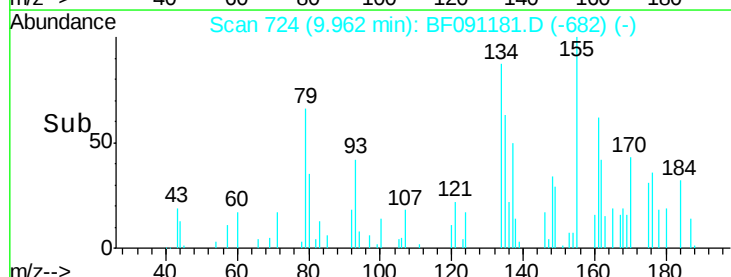
154 61.8 51.0 76.4

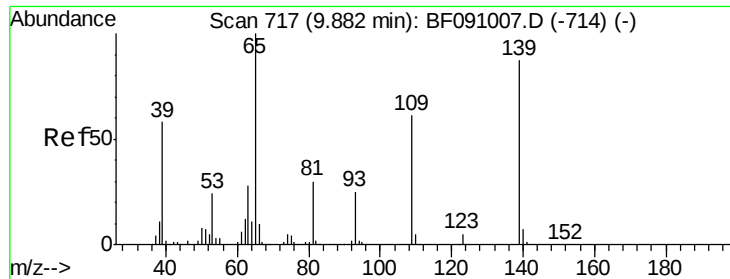


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

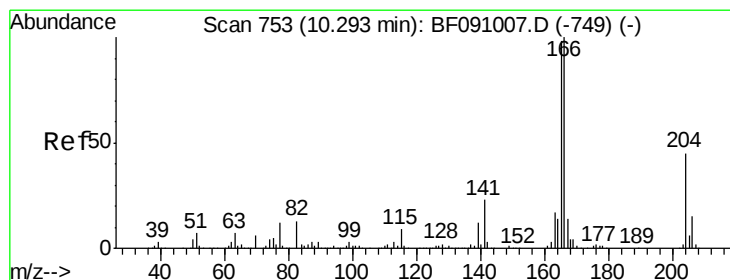
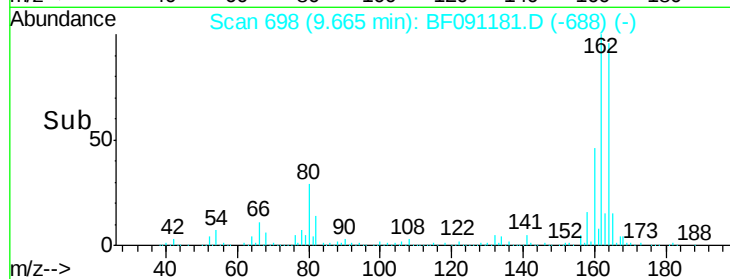
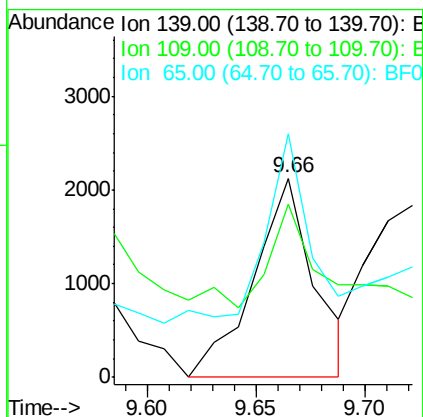
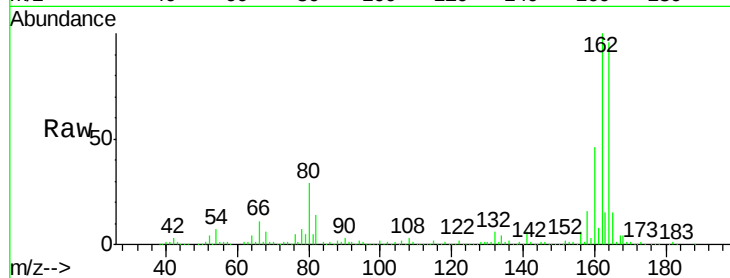




#55
4-Nitrophenol
Concen: 6.67 ng
RT: 9.66 min Scan# 698
Delta R.T. -0.18 min
Lab File: BF091181.D
Acq: 15 Nov 2016 16:22

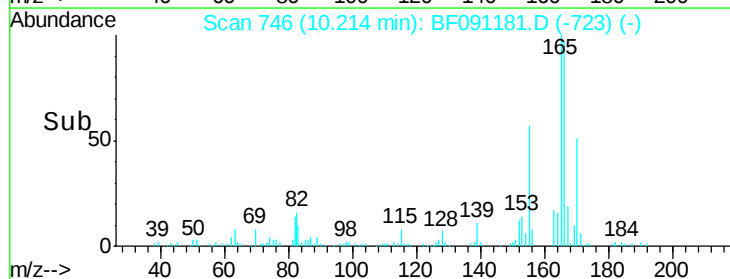
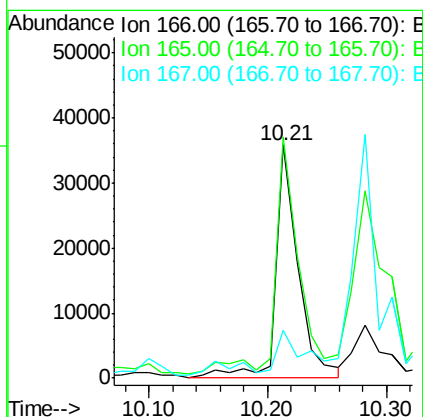
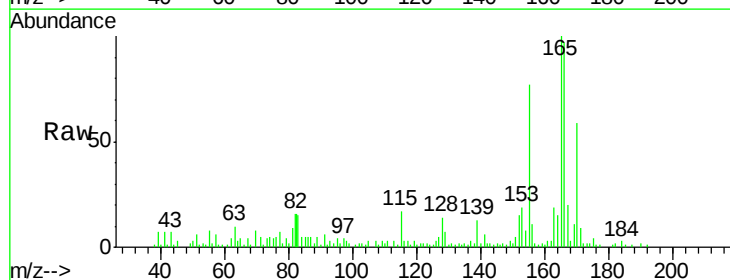
Instrument :
BNA_F
ClientSampleId :
C19023041

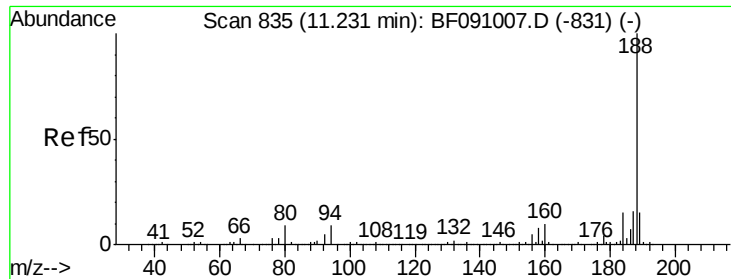
Tgt Ion:139 Resp: 4129
Ion Ratio Lower Upper
139 100
109 86.9 50.5 90.5
65 122.5 97.1 137.1



#57
Fluorene
Concen: 2.13 ng
RT: 10.21 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF091181.D
Acq: 15 Nov 2016 16:22

Tgt Ion:166 Resp: 46914
Ion Ratio Lower Upper
166 100
165 103.6 78.6 118.0
167 20.5 11.1 16.7#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 828

Delta R.T. -0.02 min

Lab File: BF091181.D

Acq: 15 Nov 2016 16:22

Instrument :

BNA_F

ClientSampleId :

C19023041

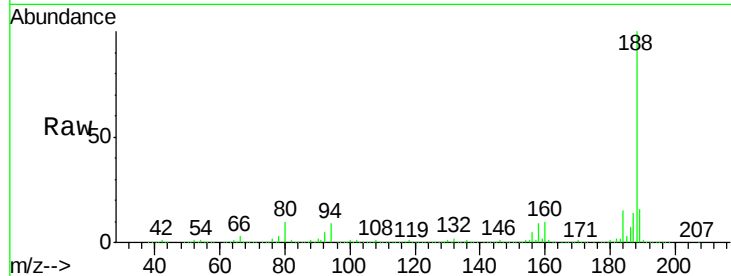
Tgt Ion:188 Resp: 676101

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

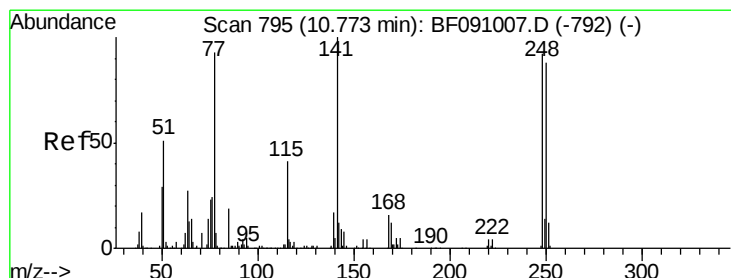
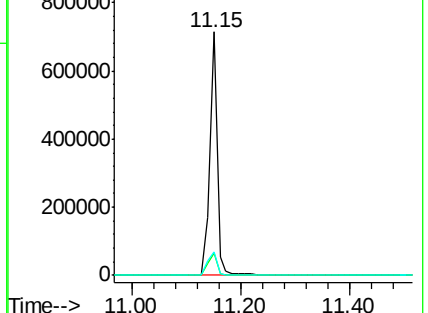
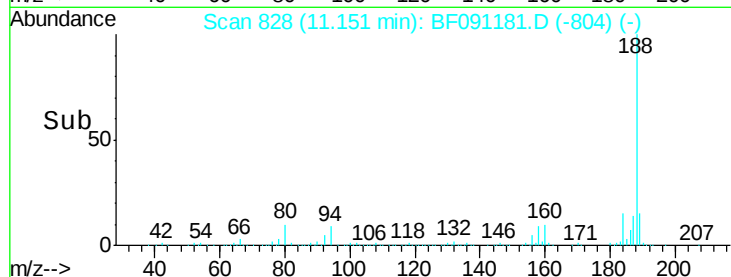
80 9.8 7.5 11.3



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: 5.42 ng

RT: 10.46 min Scan# 768

Delta R.T. -0.26 min

Lab File: BF091181.D

Acq: 15 Nov 2016 16:22

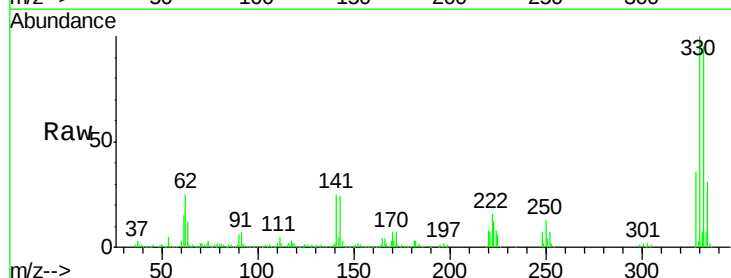
Tgt Ion:248 Resp: 38134

Ion Ratio Lower Upper

248 100

250 196.5 76.3 114.5#

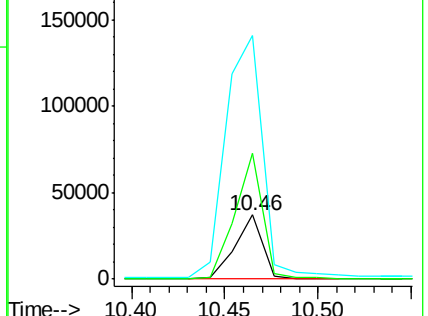
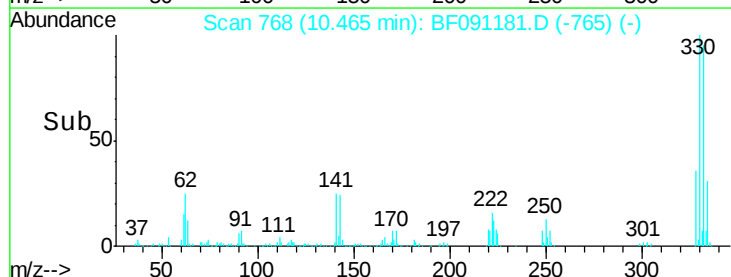
141 380.6 86.8 130.2#

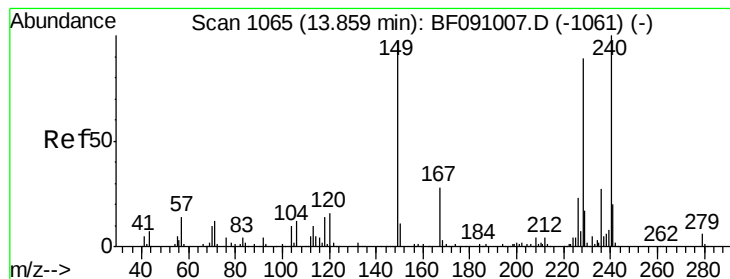


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091181.D

Acq: 15 Nov 2016 16:22

Instrument :

BNA_F

ClientSampleId :

C19023041

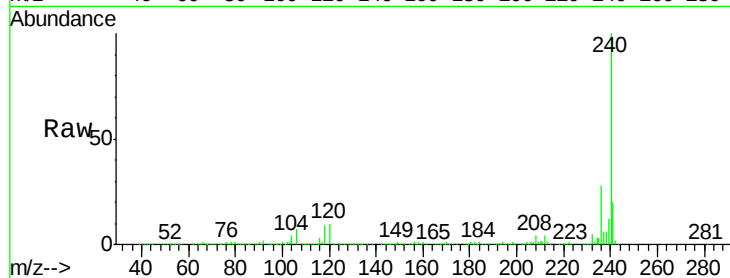
Tgt Ion:240 Resp: 547830

Ion Ratio Lower Upper

240 100

120 9.9 12.9 19.3#

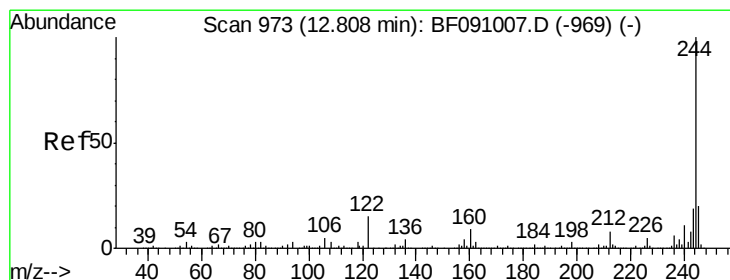
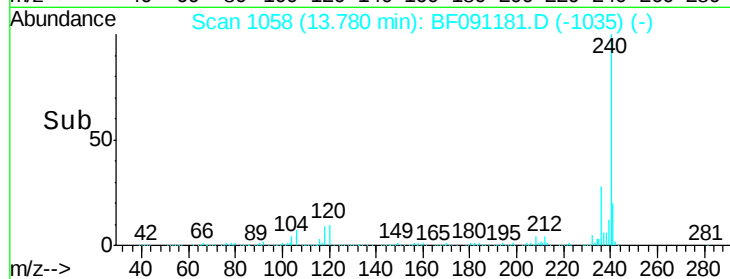
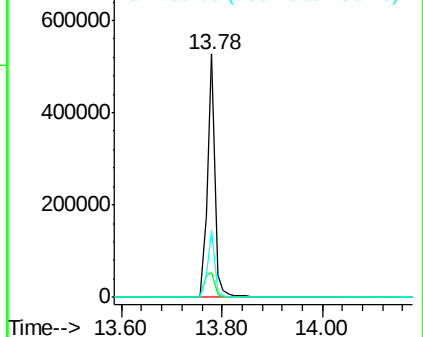
236 27.7 21.9 32.9



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: 97.10 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091181.D

Acq: 15 Nov 2016 16:22

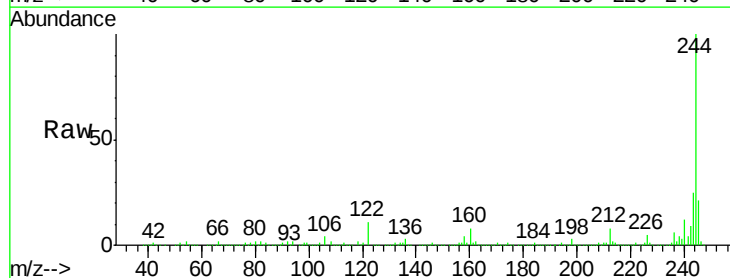
Tgt Ion:244 Resp: 2131563

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

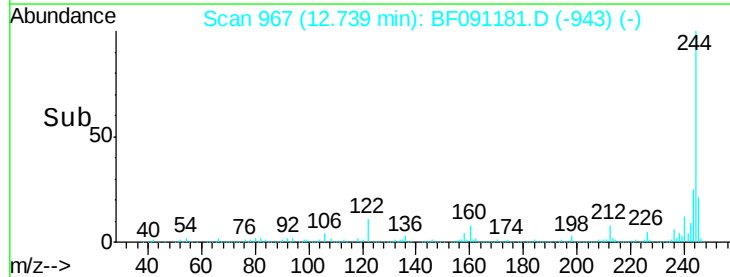
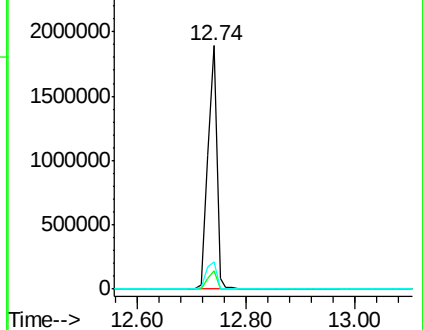
122 11.0 12.3 18.5#

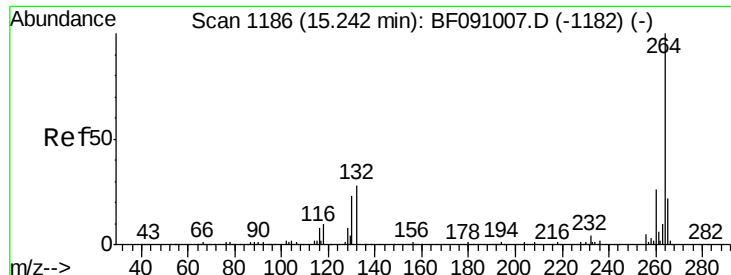


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

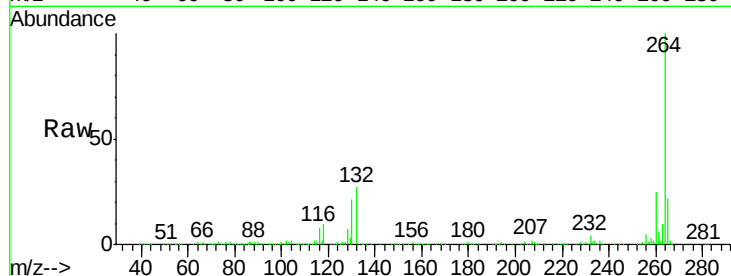




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BF091181.D
Acq: 15 Nov 2016 16:22

Instrument :
BNA_F
ClientSampleId :
C19023041

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.6	30.8
265	22.3	17.8	26.8



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

