

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091194.D
 Acq On : 16 Nov 2016 18:04
 Operator : UM/SJ
 Sample : H5636-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS073042

Quant Time: Nov 16 23:53:06 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	6.61	152	178386	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	729925	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	422319	20.00	ng	-0.05
63) Phenanthrene-d10	11.14	188	741668	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	546191	20.00	ng	-0.05
86) Perylene-d12	15.14	264	434647	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	830678	76.91	ng	-0.03
7) Phenol-d6	6.27	99	687686	46.91	ng	-0.05
23) Nitrobenzene-d5	7.20	82	1322835	98.86	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	586825	153.70	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	2177241	88.76	ng	-0.05
78) Terphenyl-d14	12.74	244	2592291	118.44	ng	-0.02

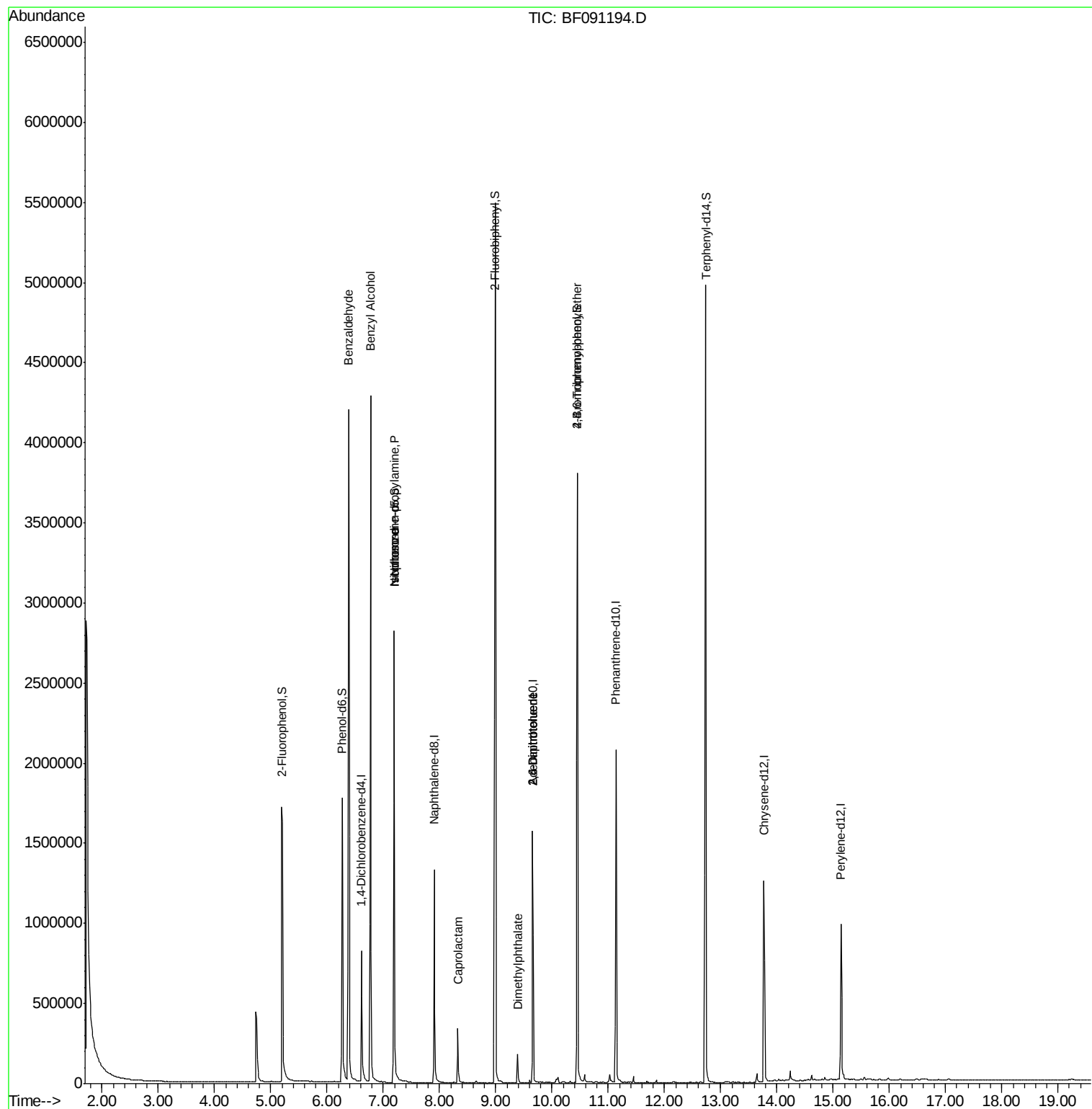
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.38	77	29797	3.66	ng	87
15) Benzyl Alcohol	6.77	79	21501	2.08	ng	# 49
19) n-Nitroso-di-n-propylamine	7.20	70	177780	17.50	ng	# 76
25) Isophorone	7.20	82	1273170	49.38	ng	# 67
35) Caprolactam	8.33	113	47468	16.74	ng	# 75
49) Dimethylphthalate	9.39	163	74244	2.68	ng	97
50) 2,6-Dinitrotoluene	9.65	165	54243	9.14	ng	# 11
56) 2,4-Dinitrotoluene	9.65	165	54235	7.18	ng	# 26
66) 4-Bromophenyl-phenylether	10.45	248	40865	5.30	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: 6.61 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF091194.D

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CPS073042

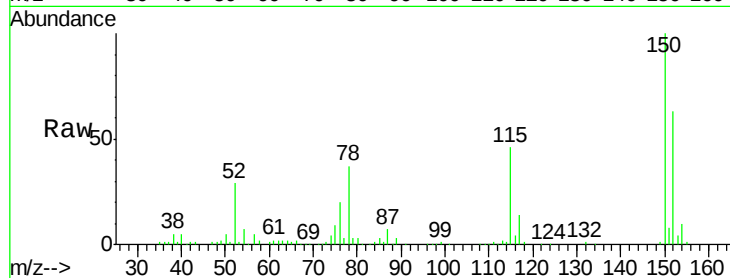
Tgt Ion:152 Resp: 178386

Ion Ratio Lower Upper

152 100

150 159.7 126.8 190.2

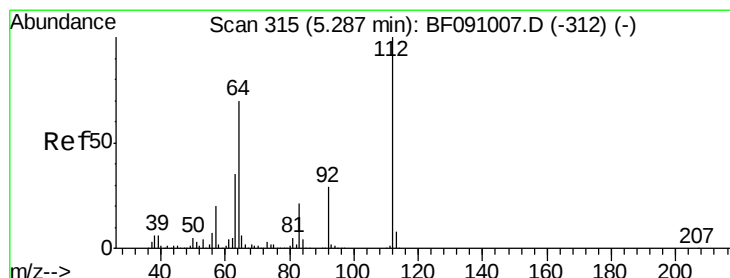
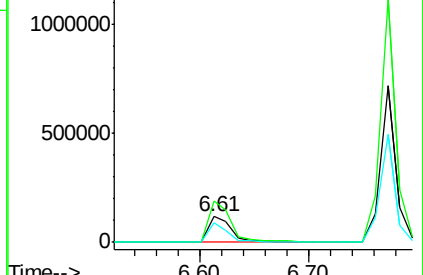
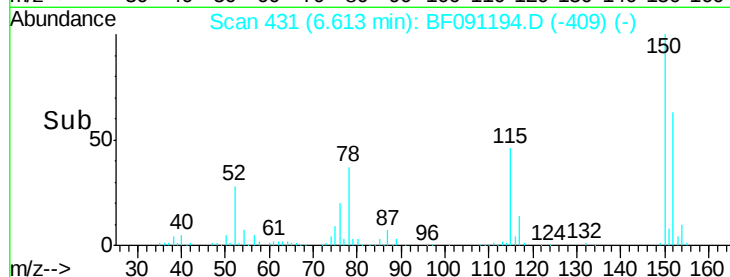
115 73.3 53.3 79.9



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: 76.91 ng

RT: 5.21 min Scan# 308

Delta R.T. -0.03 min

Lab File: BF091194.D

Acq: 16 Nov 2016 18:04

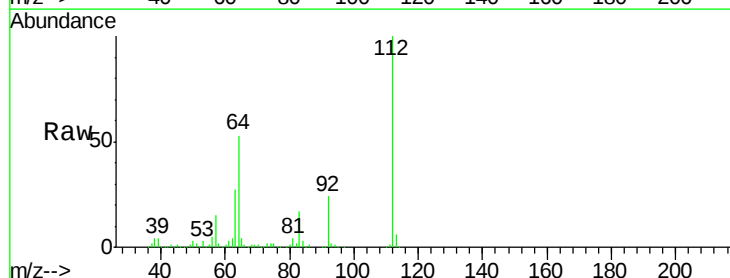
Tgt Ion:112 Resp: 830678

Ion Ratio Lower Upper

112 100

64 52.6 55.8 83.6#

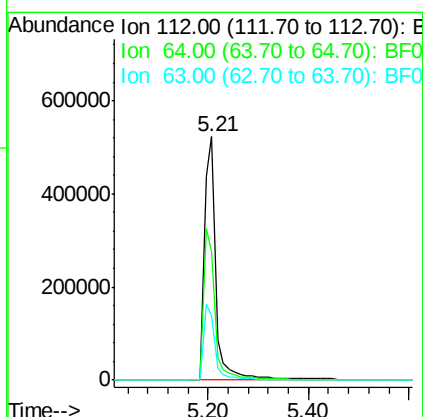
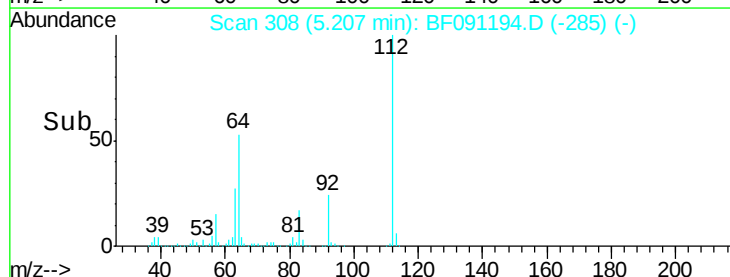
63 26.6 28.0 42.0#



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: 46.91 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091194.D

Acq: 16 Nov 2016 18:04

Instrument :

BNA_F

ClientSampleId :

CPS073042

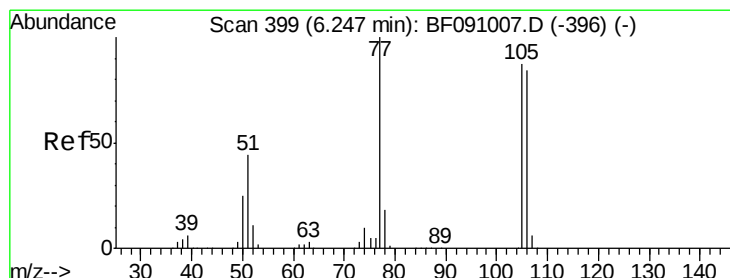
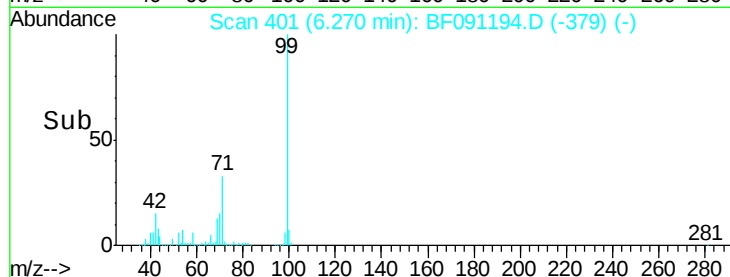
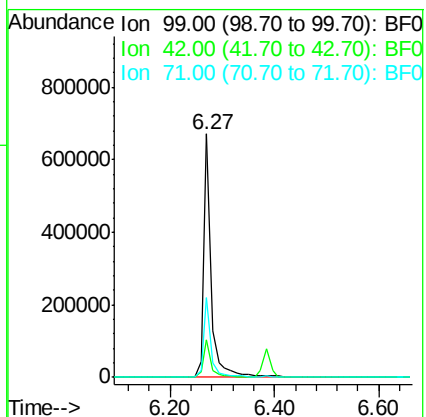
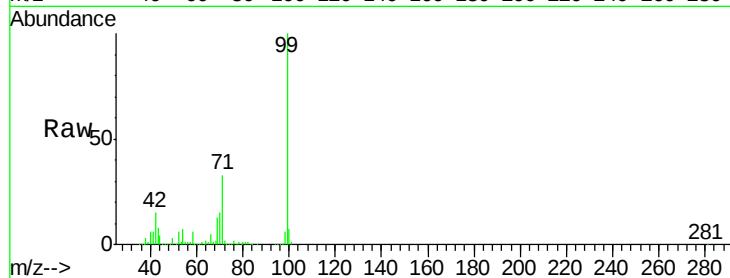
Tgt Ion: 99 Resp: 687686

Ion Ratio Lower Upper

99 100

42 15.5 13.9 20.9

71 32.6 27.8 41.8



#9

Benzaldehyde

Concen: 3.66 ng

RT: 6.38 min Scan# 411

Delta R.T. 0.18 min

Lab File: BF091194.D

Acq: 16 Nov 2016 18:04

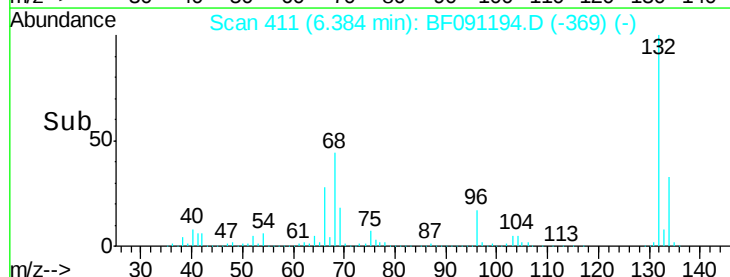
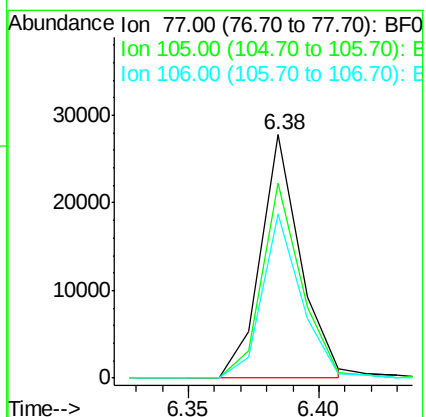
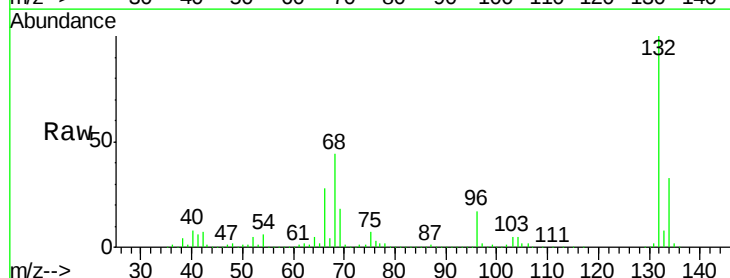
Tgt Ion: 77 Resp: 29797

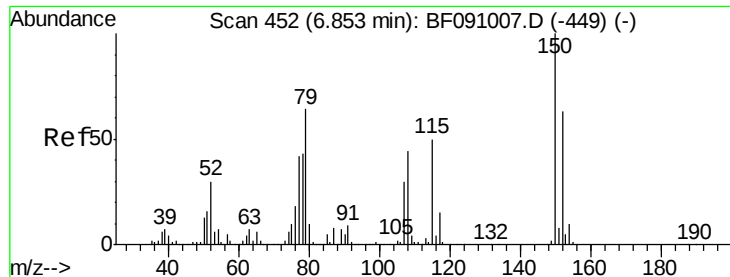
Ion Ratio Lower Upper

77 100

105 80.0 66.8 106.8

106 67.5 64.0 104.0





#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 6.77 min Scan# 445

Delta R.T. -0.05 min

Lab File: BF091194.D

Acq: 16 Nov 2016 18:04

Instrument :

BNA_F

ClientSampleId :

CPS073042

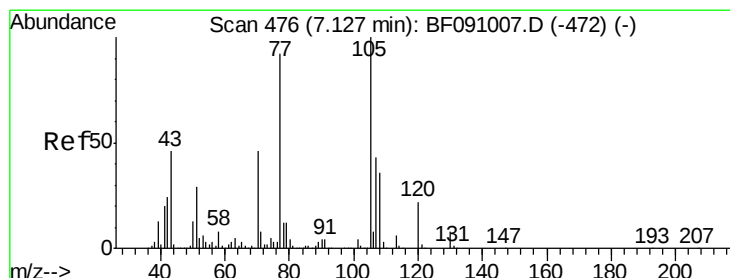
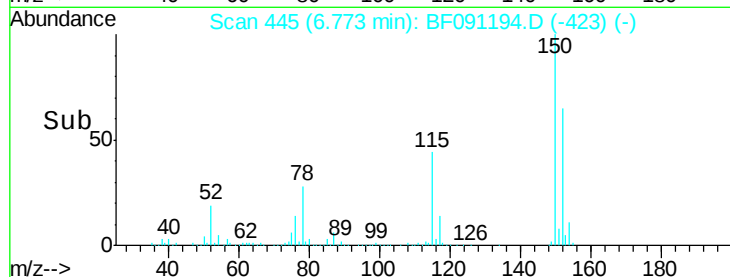
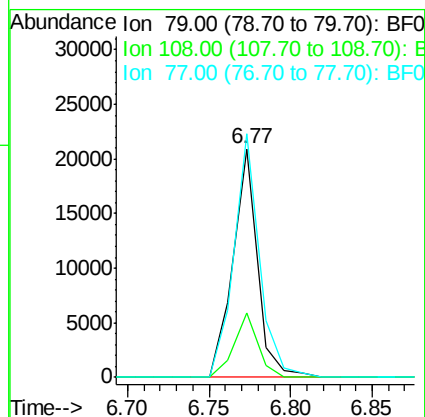
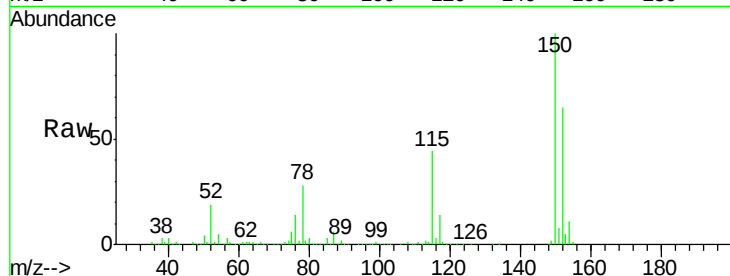
Tgt Ion: 79 Resp: 21501

Ion Ratio Lower Upper

79 100

108 28.2 55.7 83.5#

77 106.7 52.6 79.0#



#19

n-Nitroso-di-n-propylamine

Concen: 17.50 ng

RT: 7.20 min Scan# 482

Delta R.T. 0.10 min

Lab File: BF091194.D

Acq: 16 Nov 2016 18:04

Tgt Ion: 70 Resp: 177780

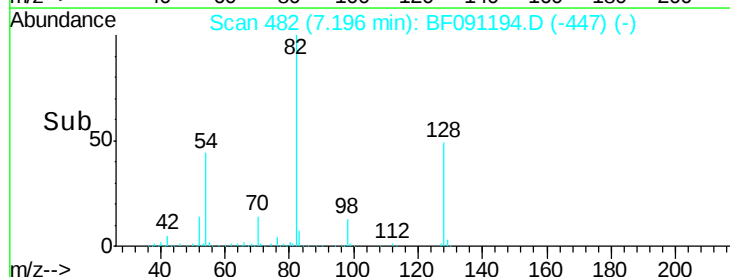
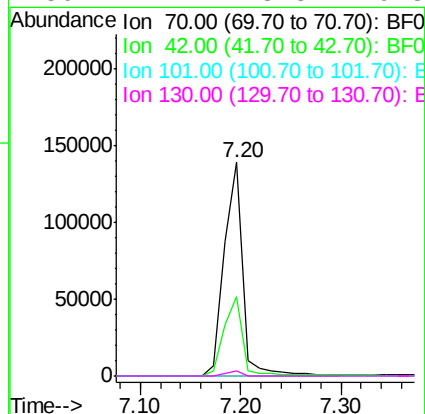
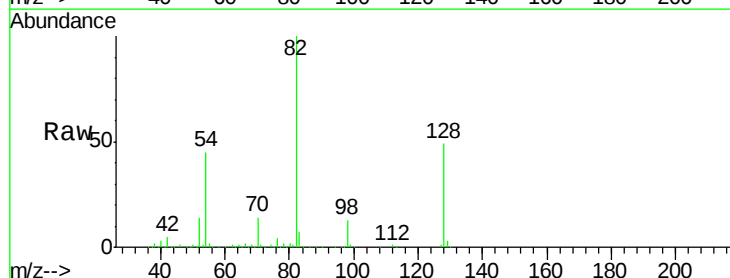
Ion Ratio Lower Upper

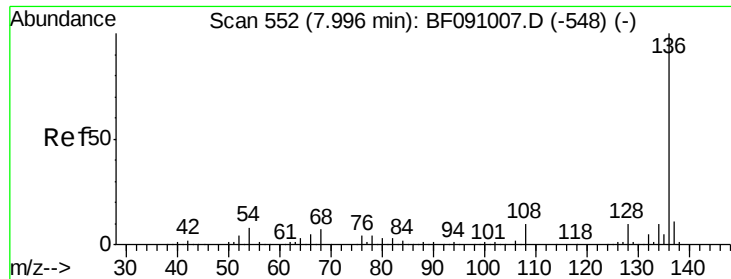
70 100

42 37.3 41.7 62.5#

101 0.0 6.7 10.1#

130 2.4 13.8 20.8#

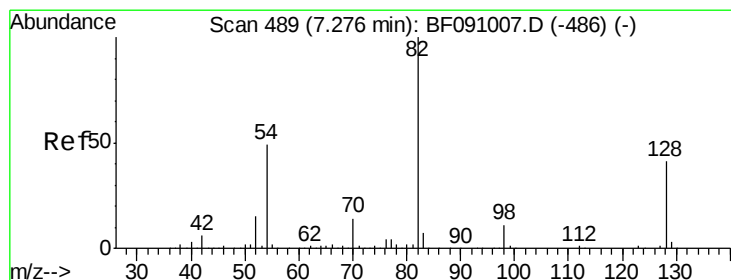
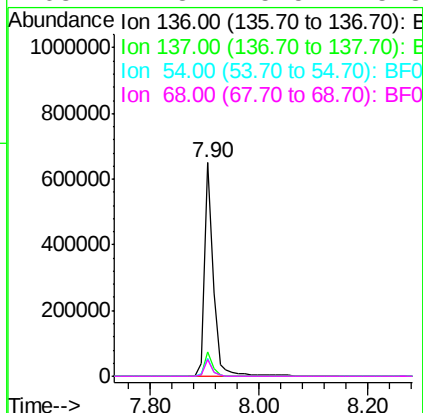
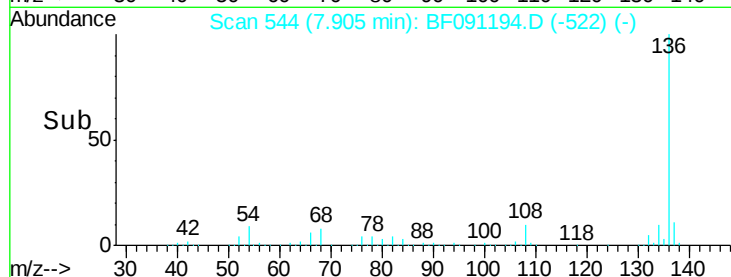
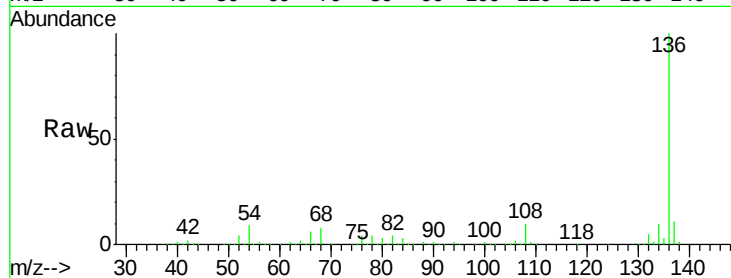




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.05 min
Lab File: BF091194.D
Acq: 16 Nov 2016 18:04

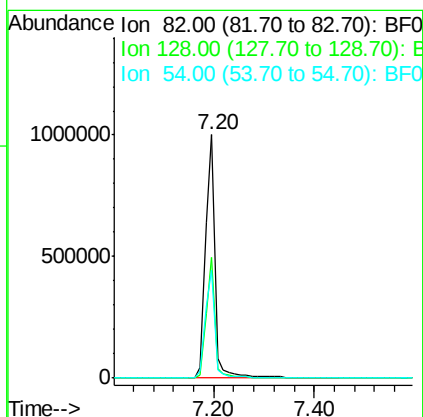
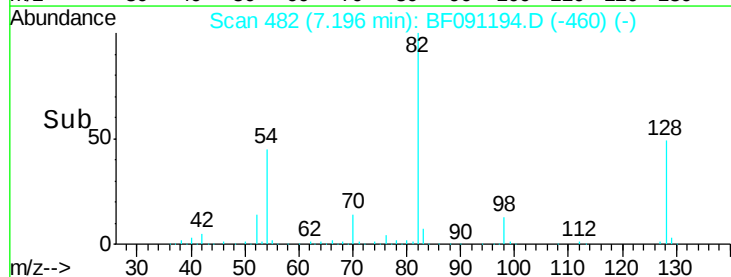
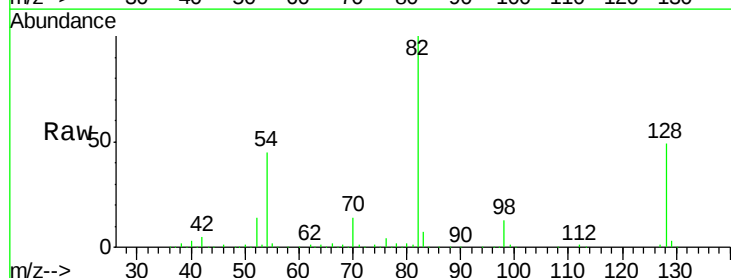
Instrument :
BNA_F
ClientSampleId :
CPS073042

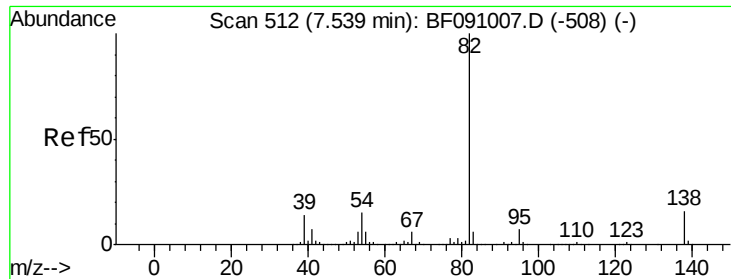
Tgt Ion:	136	Resp:	729925
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.6	6.2	9.2
68	7.8	5.5	8.3



#23
Nitrobenzene-d5
Concen: 98.86 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF091194.D
Acq: 16 Nov 2016 18:04

Tgt Ion:	82	Resp:	1322835
Ion	Ratio	Lower	Upper
82	100		
128	49.4	32.4	48.6#
54	44.6	39.2	58.8





#25

Isophorone

Concen: 49.38 ng

RT: 7.20 min Scan# 482

Delta R.T. -0.30 min

Lab File: BF091194.D

Acq: 16 Nov 2016 18:04

Instrument :

BNA_F

ClientSampleId :

CPS073042

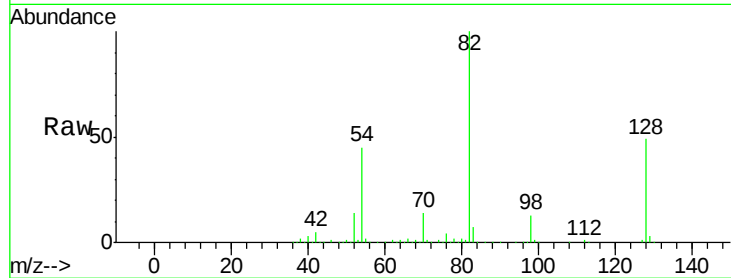
Tgt Ion: 82 Resp: 1273170

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

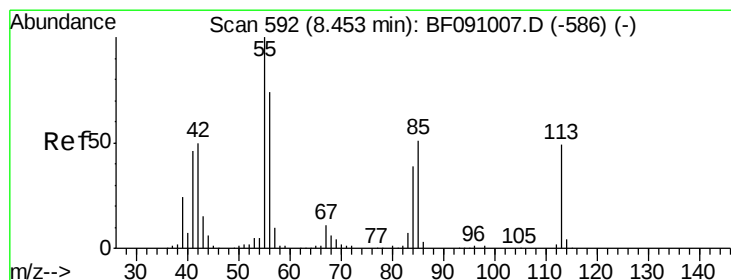
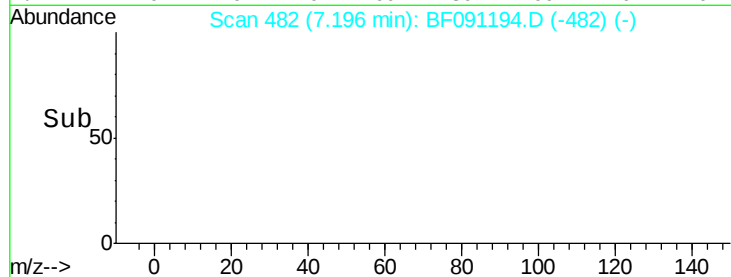
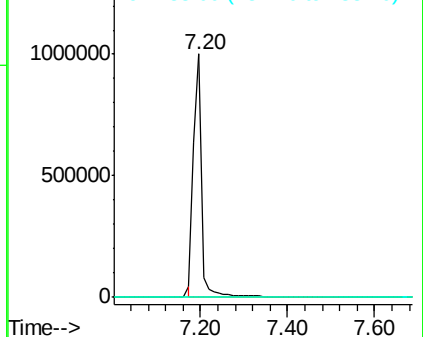
138 0.0 13.0 19.4#



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): E



#35

Caprolactam

Concen: 16.74 ng

RT: 8.33 min Scan# 581

Delta R.T. -0.09 min

Lab File: BF091194.D

Acq: 16 Nov 2016 18:04

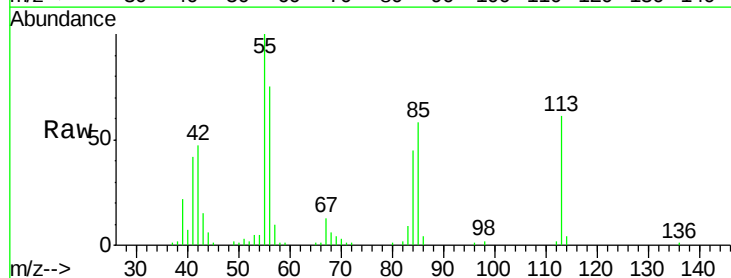
Tgt Ion: 113 Resp: 47468

Ion Ratio Lower Upper

113 100

55 163.2 184.1 224.1#

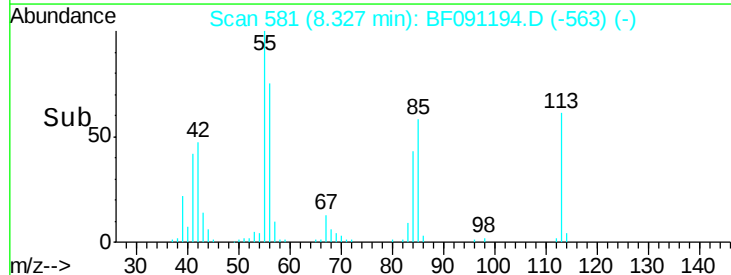
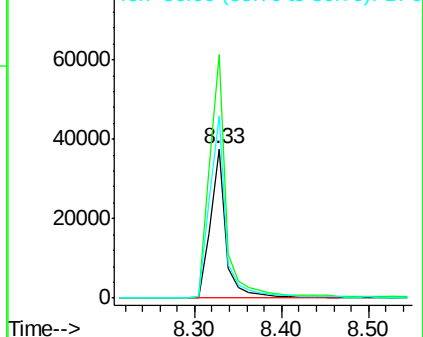
56 122.0 132.0 172.0#

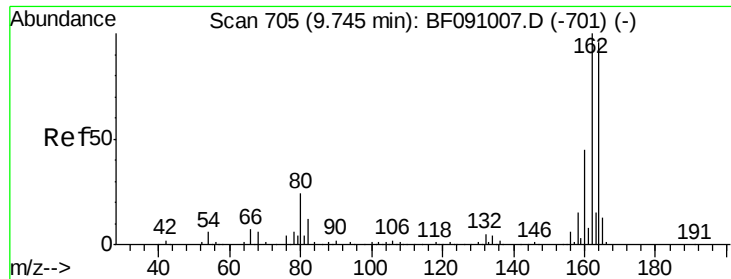


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF091194.D

Acq: 16 Nov 2016 18:04

Instrument :

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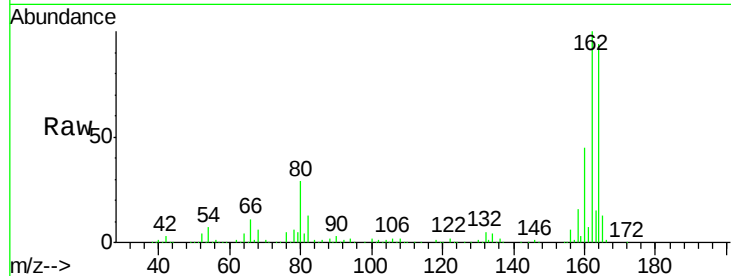
Tgt Ion:164 Resp: 422319

Ion Ratio Lower Upper

164 100

162 106.1 83.6 125.4

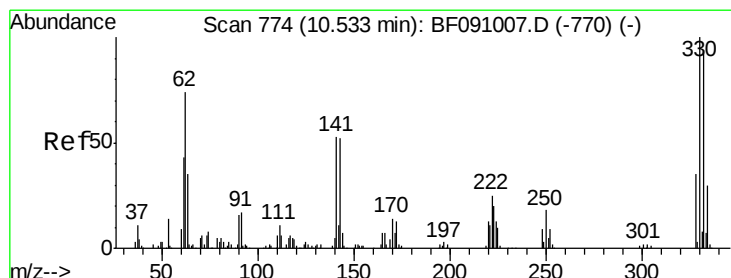
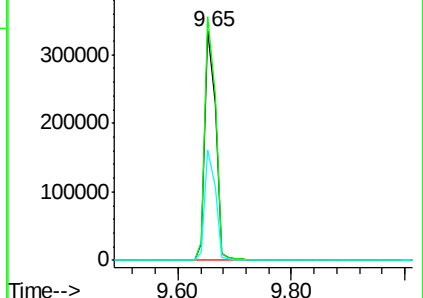
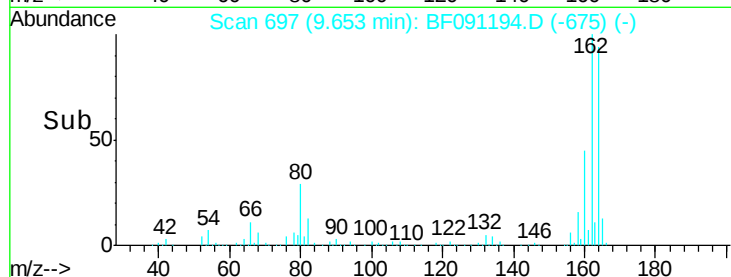
160 48.0 37.9 56.9



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: 153.70 ng

RT: 10.45 min Scan# 767

Delta R.T. -0.03 min

Lab File: BF091194.D

Acq: 16 Nov 2016 18:04

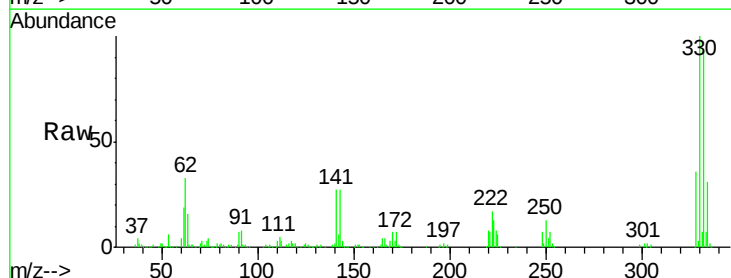
Tgt Ion:330 Resp: 586825

Ion Ratio Lower Upper

330 100

332 94.2 75.9 113.9

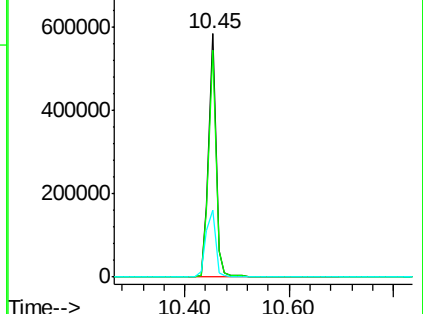
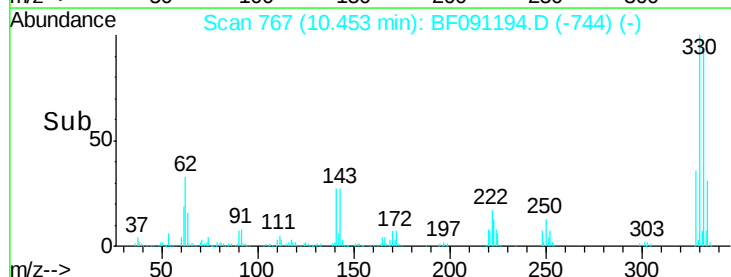
141 36.1 36.1 54.1

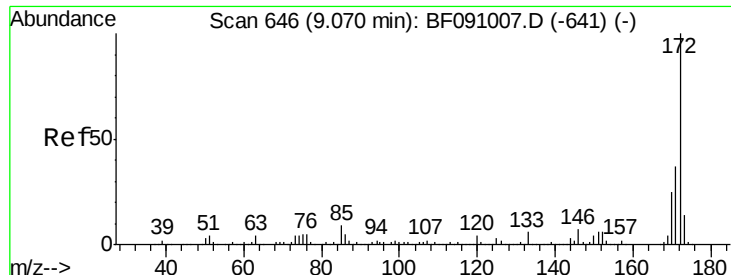


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

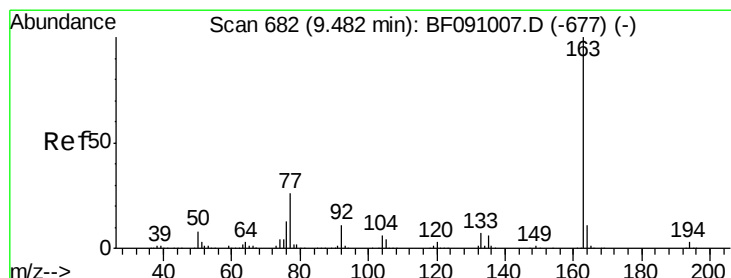
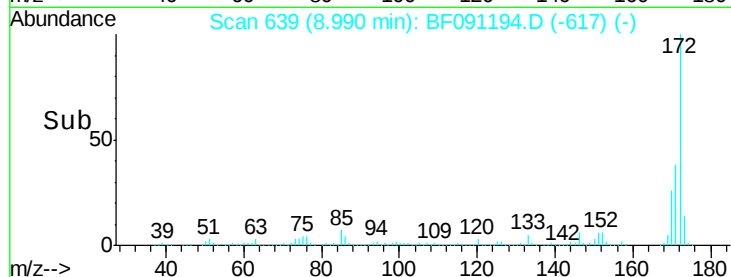
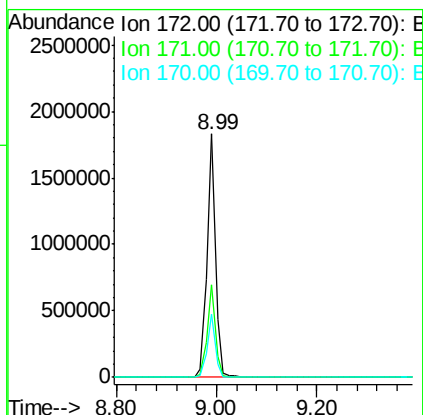
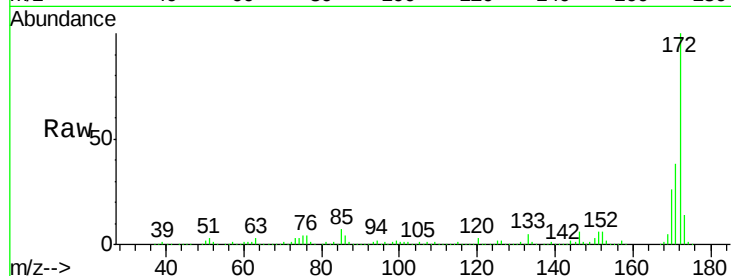




#44
 2-Fluorobiphenyl
 Concen: 88.76 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091194.D
 Acq: 16 Nov 2016 18:04

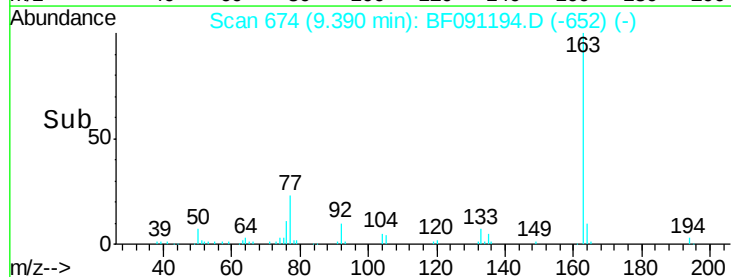
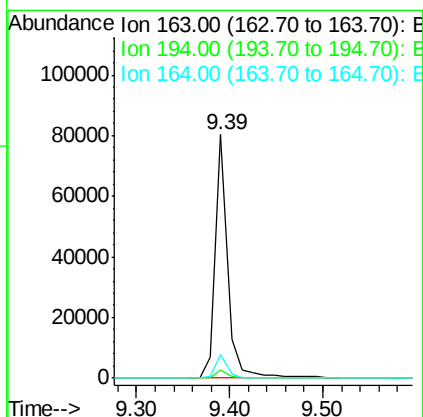
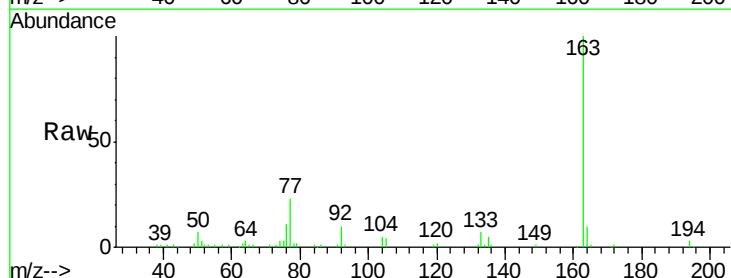
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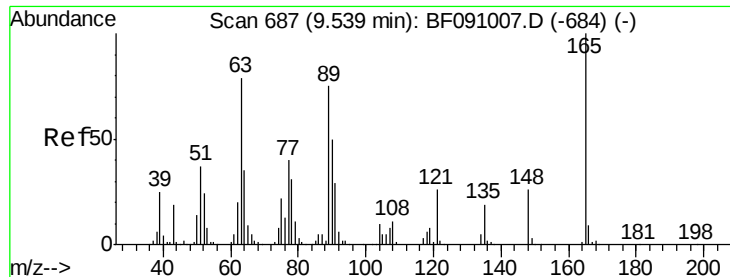
Tgt Ion:172 Resp: 2177241
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.8 44.6
 170 26.0 20.3 30.5



#49
 Dimethylphthalate
 Concen: 2.68 ng
 RT: 9.39 min Scan# 674
 Delta R.T. -0.05 min
 Lab File: BF091194.D
 Acq: 16 Nov 2016 18:04

Tgt Ion:163 Resp: 74244
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 9.7 8.7 13.1





#50

2,6-Dinitrotoluene

Concen: 9.14 ng

RT: 9.65 min Scan# 697

Delta R.T. 0.15 min

Lab File: BF091194.D

Acq: 16 Nov 2016 18:04

Instrument :

BNA_F

ClientSampleId :

CPS073042

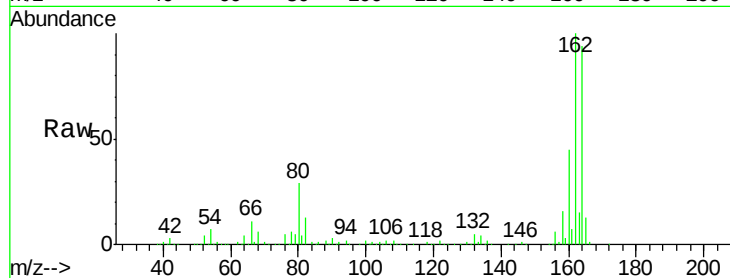
Tgt Ion:165 Resp: 54243

Ion Ratio Lower Upper

165 100

63 1.1 65.6 98.4#

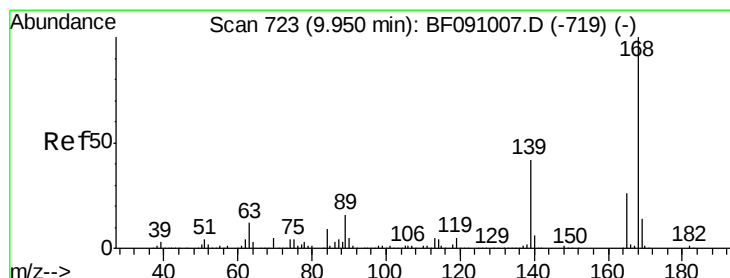
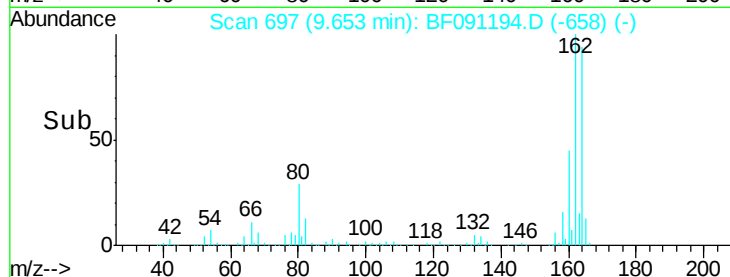
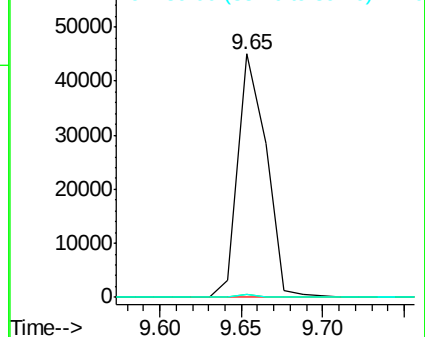
89 1.2 59.8 89.6#



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: 7.18 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.25 min

Lab File: BF091194.D

Acq: 16 Nov 2016 18:04

Tgt Ion:165 Resp: 54235

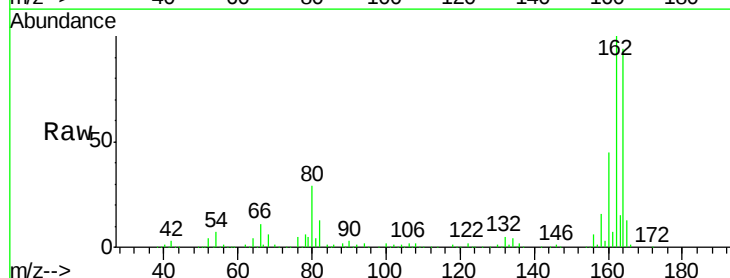
Ion Ratio Lower Upper

165 100

63 1.1 38.7 58.1#

89 1.2 50.6 76.0#

182 0.0 1.8 2.8#

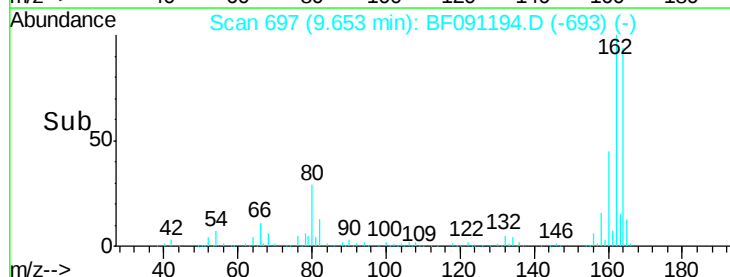
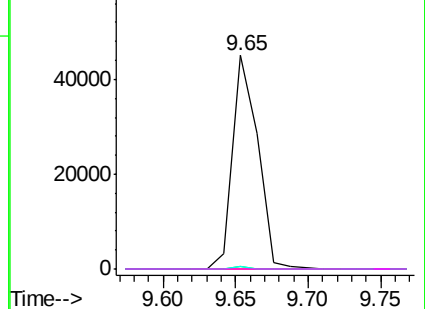


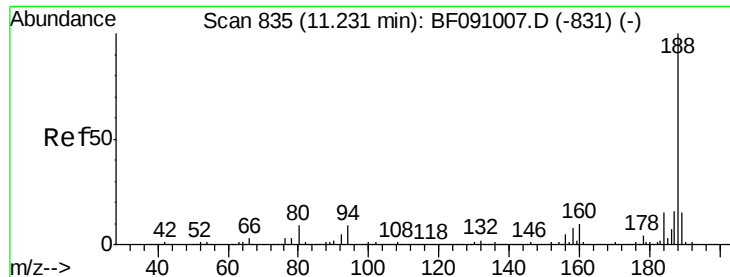
Abundance Ion 165.00 (164.70 to 165.70): E

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

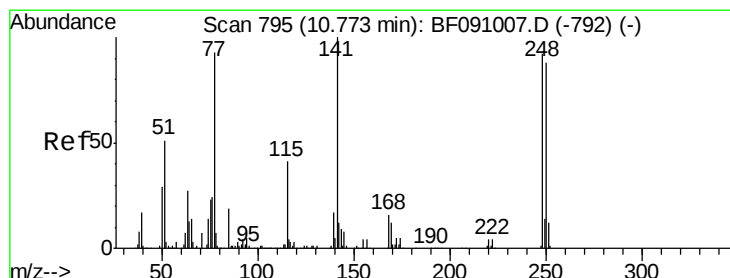
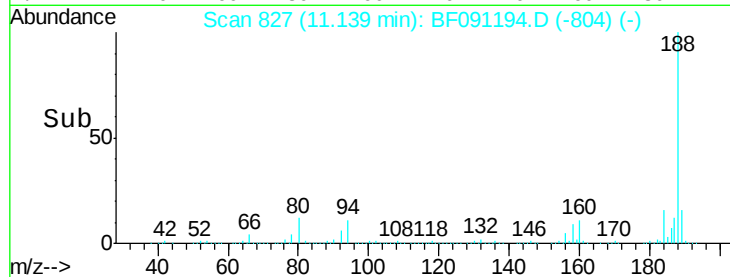
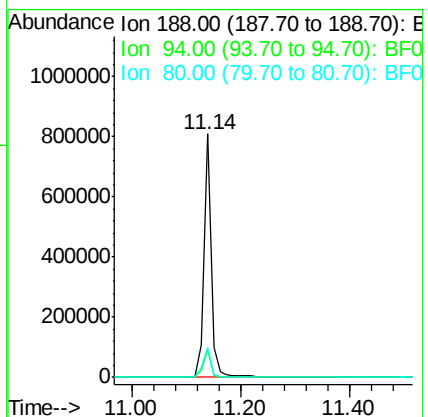
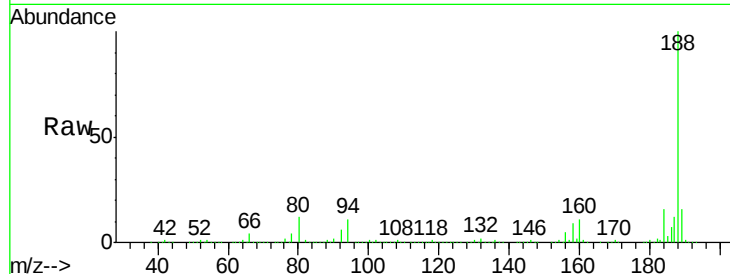




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF091194.D
Acq: 16 Nov 2016 18:04

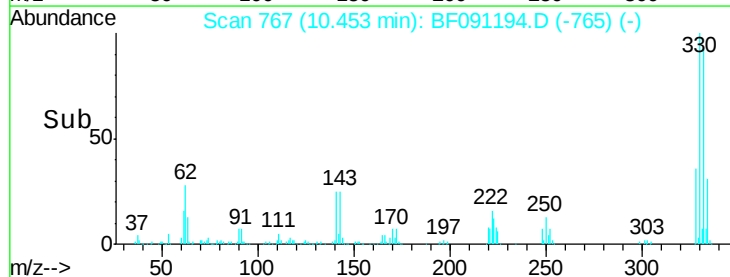
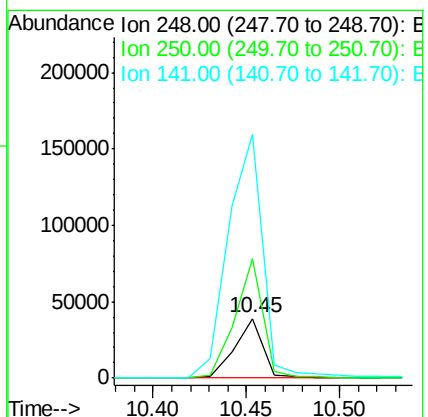
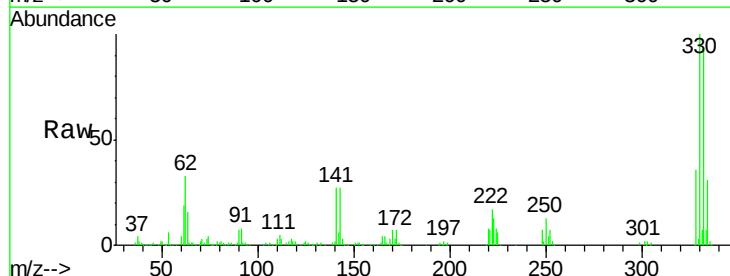
Instrument :
BNA_F
ClientSampleId :
CPS073042

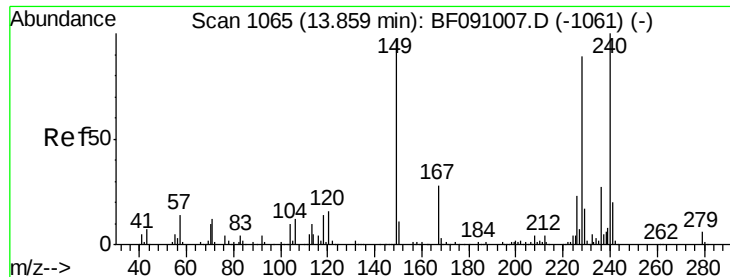
Tgt Ion:188 Resp: 741668
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.4#
80 12.0 7.5 11.3#



#66
4-Bromophenyl-phenylether
Concen: 5.30 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.27 min
Lab File: BF091194.D
Acq: 16 Nov 2016 18:04

Tgt Ion:248 Resp: 40865
Ion Ratio Lower Upper
248 100
250 199.6 76.3 114.5#
141 408.4 86.8 130.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1057

Delta R.T. -0.05 min

Lab File: BF091194.D

Acq: 16 Nov 2016 18:04

Instrument :

BNA_F

ClientSampleId :

CPS073042

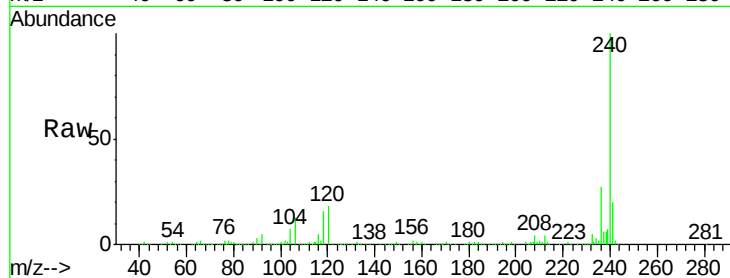
Tgt Ion:240 Resp: 546191

Ion Ratio Lower Upper

240 100

120 18.3 12.9 19.3

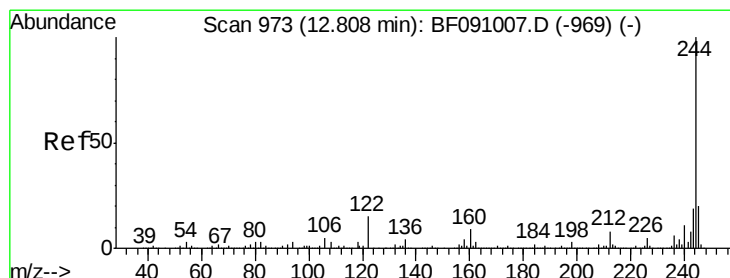
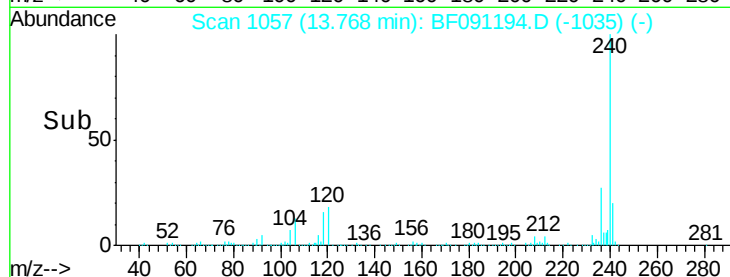
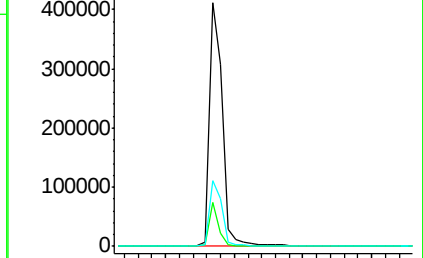
236 27.1 21.9 32.9



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: 118.44 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091194.D

Acq: 16 Nov 2016 18:04

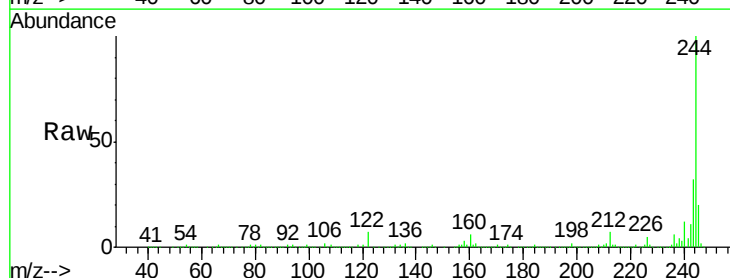
Tgt Ion:244 Resp: 2592291

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

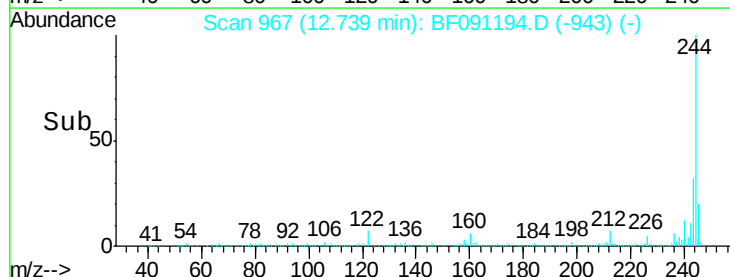
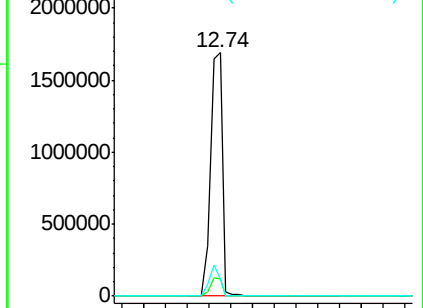
122 6.8 12.3 18.5#

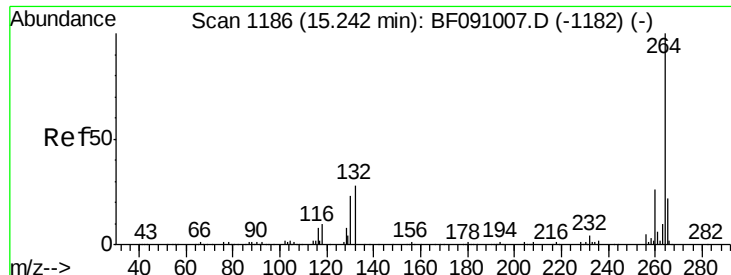


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

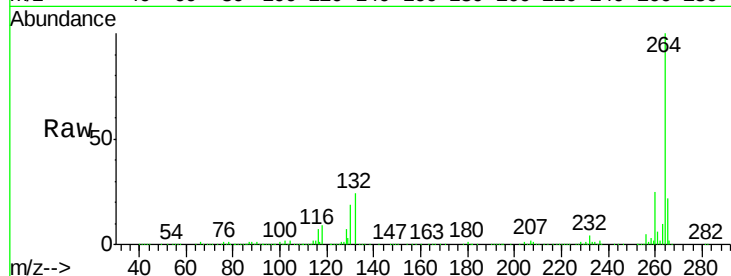




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BF091194.D
Acq: 16 Nov 2016 18:04

Instrument :
BNA_F
ClientSampleId :
CPS073042

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	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

