

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091087.D
 Acq On : 8 Nov 2016 17:39
 Operator : UM/SJ
 Sample : H5581-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW18

Quant Time: Nov 09 00:43:25 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	6.66	152	188943	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	772870	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	417197	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	596789	20.00	ng	0.00
75) Chrysene-d12	13.80	240	439057	20.00	ng	-0.01
86) Perylene-d12	15.19	264	331804	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	760080	66.44	ng	0.01
7) Phenol-d6	6.32	99	653411	42.08	ng	0.00
23) Nitrobenzene-d5	7.23	82	1323240	93.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	507458	134.54	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2237945	92.35	ng	-0.01
78) Terphenyl-d14	12.77	244	2091831	118.89	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	32103	3.72	ng	87
15) Benzyl Alcohol	6.82	79	26603	2.43	ng	# 51
18) Hexachloroethane	7.23	117	126167	22.01	ng	# 3
19) n-Nitroso-di-n-propylamine	7.23	70	181666	16.88	ng	# 79
25) Isophorone	7.23	82	1093615	40.06	ng	# 67
32) Benzoic acid	7.77	122	870	5.17	ng	# 59
37) 2-Methylnaphthalene	8.76	142	626645	26.37	ng	96
53) 2,4-Dinitrophenol	9.85	184	359	6.36	ng	# 1
55) 4-Nitrophenol	9.90	139	12531	8.24	ng	# 29
66) 4-Bromophenyl-phenylether	10.49	248	32058	5.16	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. 0.00 min

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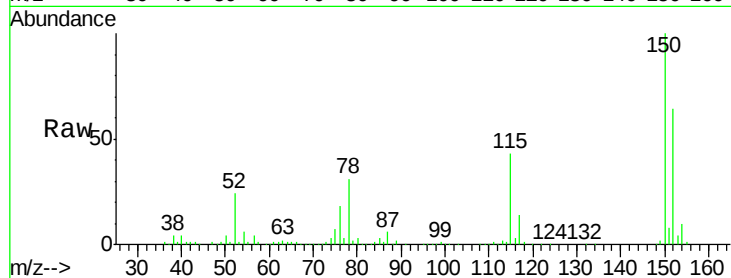
Tgt Ion:152 Resp: 188943

Ion Ratio Lower Upper

152 100

150 157.1 126.8 190.2

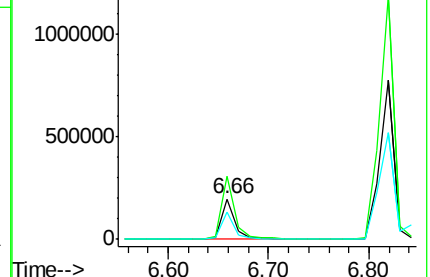
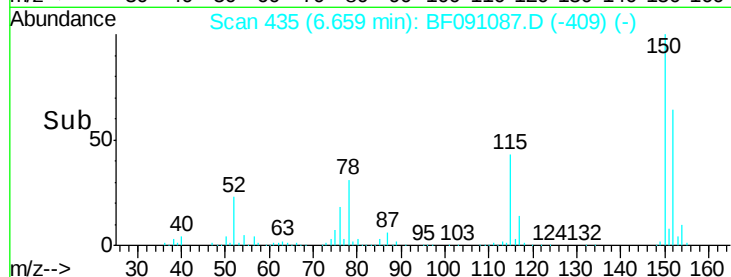
115 67.0 53.3 79.9



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: 66.44 ng

RT: 5.25 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF091087.D

Acq: 8 Nov 2016 17:39

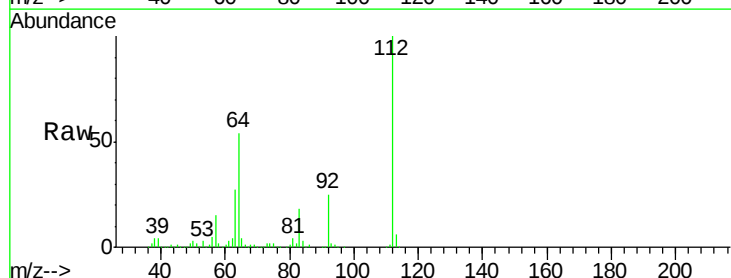
Tgt Ion:112 Resp: 760080

Ion Ratio Lower Upper

112 100

64 54.1 55.8 83.6#

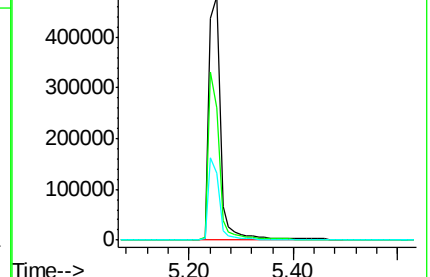
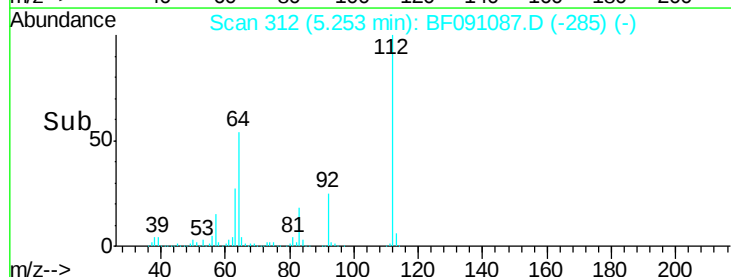
63 27.3 28.0 42.0#



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: 42.08 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091087.D

Acq: 8 Nov 2016 17:39

Instrument :

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ClientSampleId :

MW18

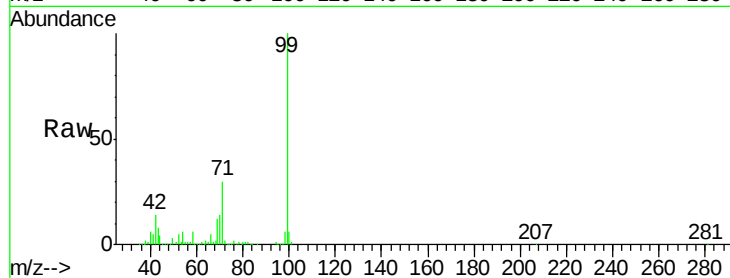
Tgt Ion: 99 Resp: 653411

Ion Ratio Lower Upper

99 100

42 14.3 13.9 20.9

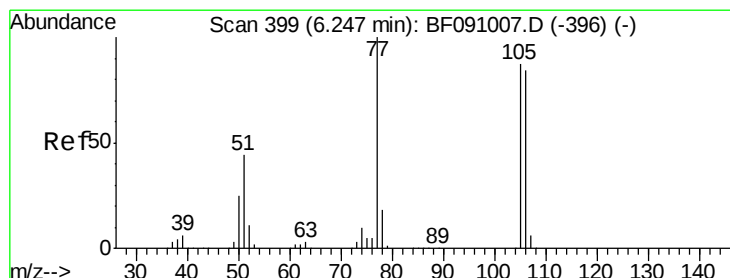
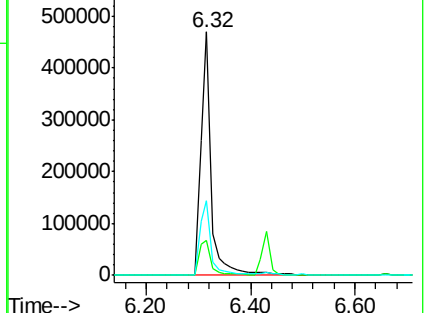
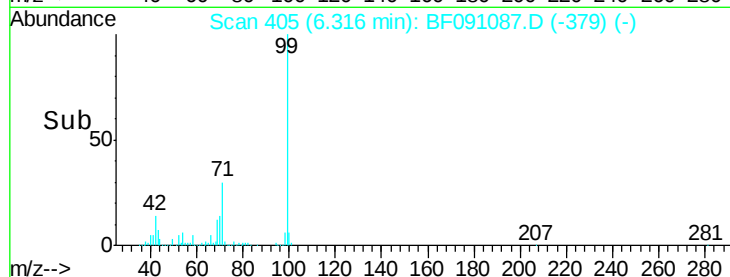
71 30.4 27.8 41.8



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



#9

Benzaldehyde

Concen: 3.72 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091087.D

Acq: 8 Nov 2016 17:39

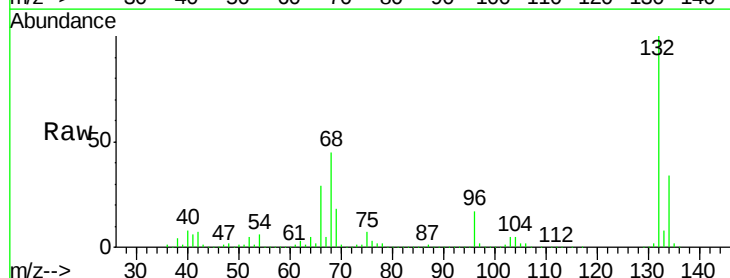
Tgt Ion: 77 Resp: 32103

Ion Ratio Lower Upper

77 100

105 77.6 66.8 106.8

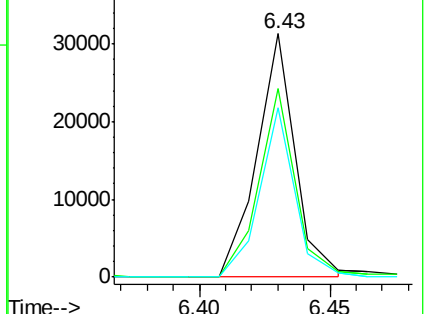
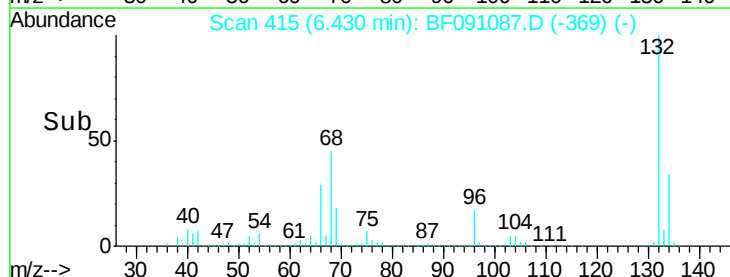
106 69.6 64.0 104.0

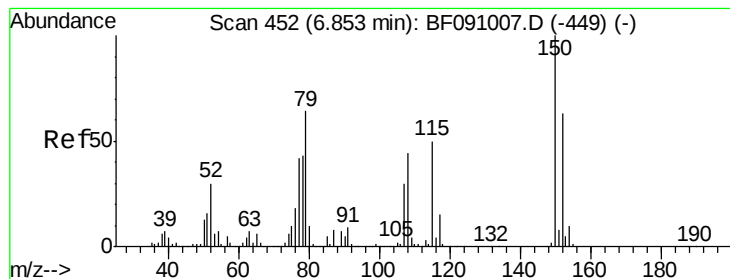


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#15

Benzyl Alcohol

Concen: 2.43 ng

RT: 6.82 min Scan# 449

Delta R.T. 0.00 min

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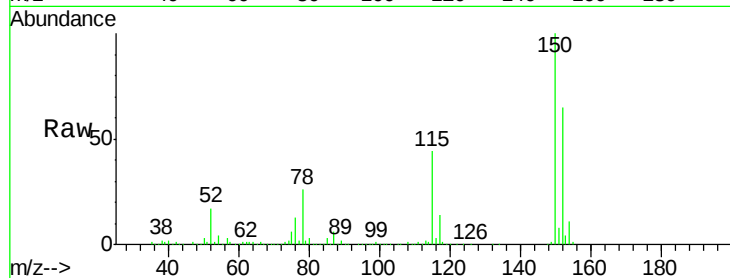
Tgt Ion: 79 Resp: 26603

Ion Ratio Lower Upper

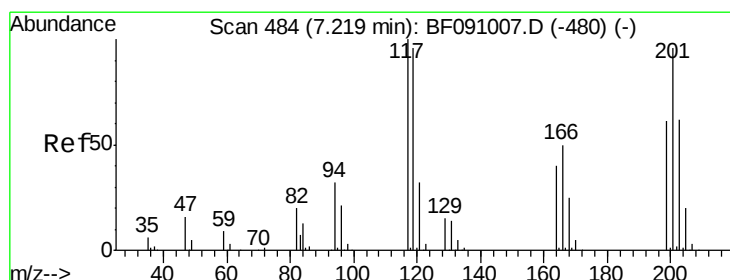
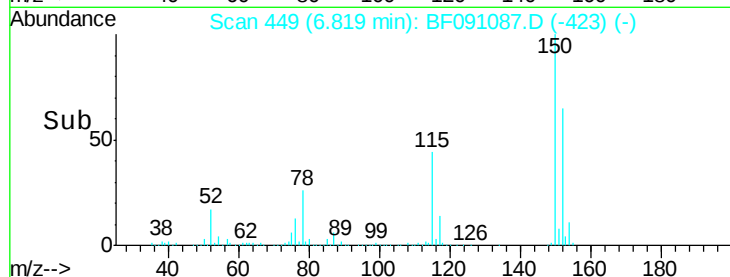
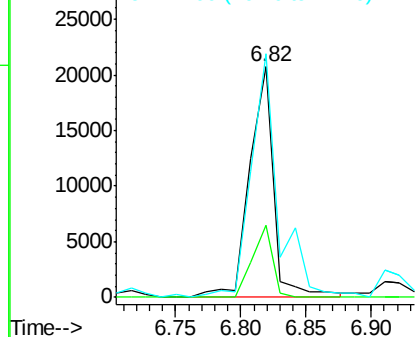
79 100

108 31.1 55.7 83.5#

77 105.6 52.6 79.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 22.01 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.06 min

Lab File: BF091087.D

Acq: 8 Nov 2016 17:39

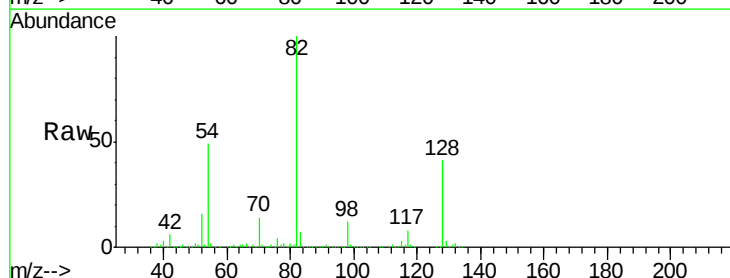
Tgt Ion: 117 Resp: 126167

Ion Ratio Lower Upper

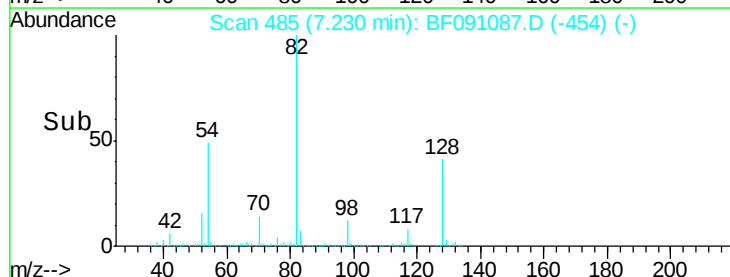
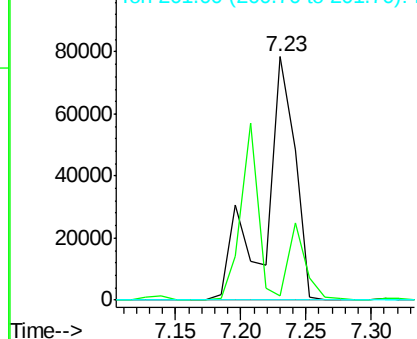
117 100

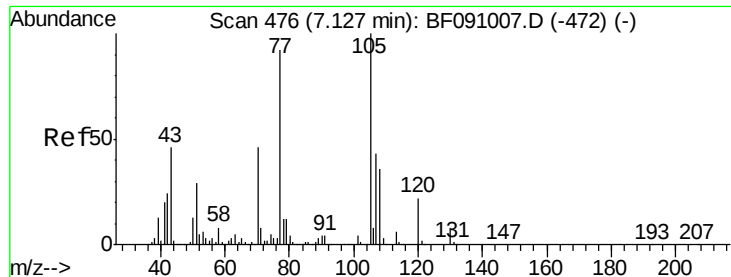
119 1.8 76.6 115.0#

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

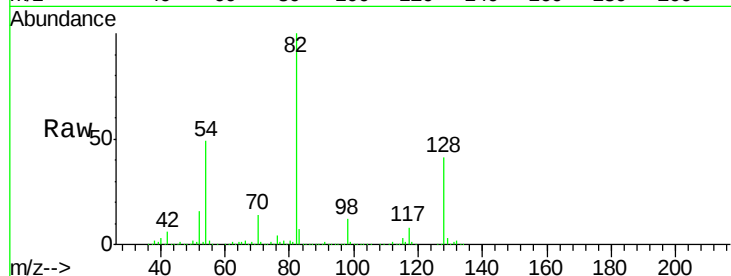




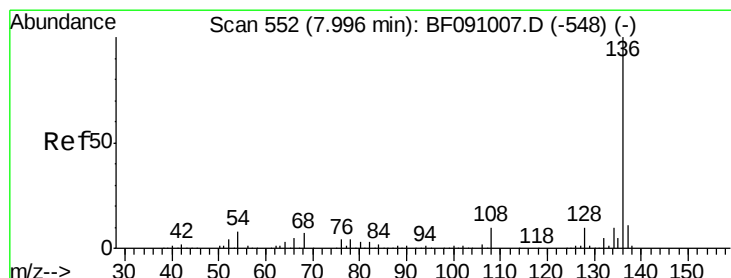
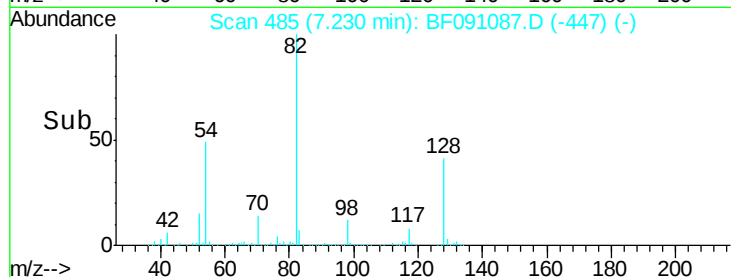
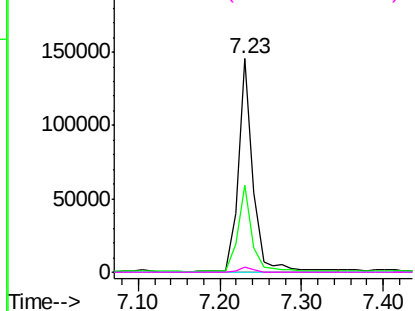
#19
n-Nitroso-di-n-propylamine
Concen: 16.88 ng
RT: 7.23 min Scan# 485
Delta R.T. 0.14 min
Lab File: BF091087.D
Acq: 8 Nov 2016 17:39

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Tgt Ion: 70 Resp: 181666
Ion Ratio Lower Upper
70 100
42 40.8 41.7 62.5#
101 0.3 6.7 10.1#
130 2.4 13.8 20.8#



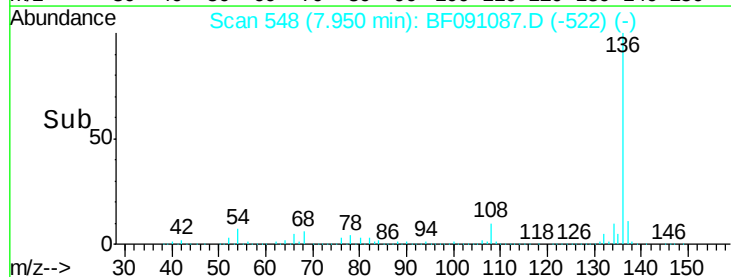
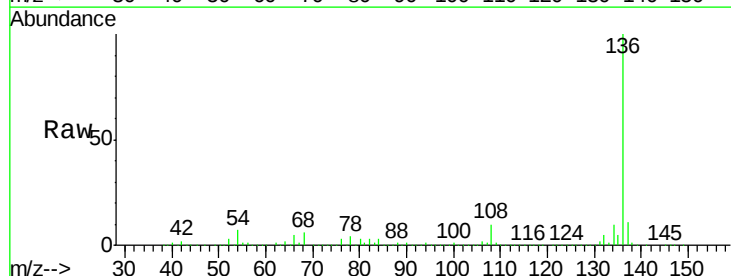
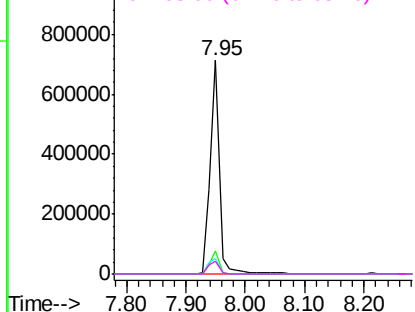
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

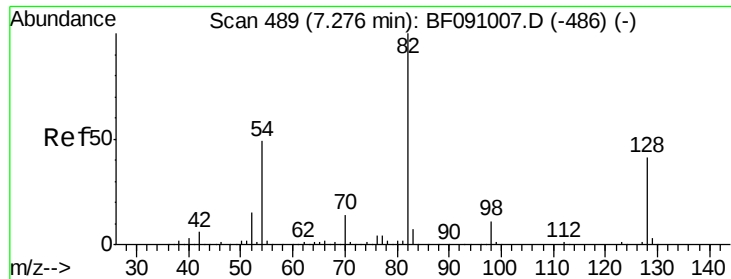


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091087.D
Acq: 8 Nov 2016 17:39

Tgt Ion: 136 Resp: 772870
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.1 6.2 9.2
68 6.3 5.5 8.3

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

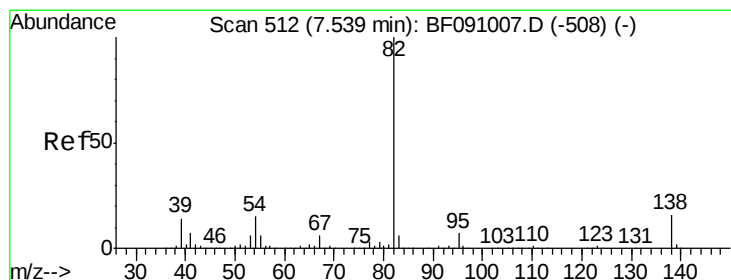
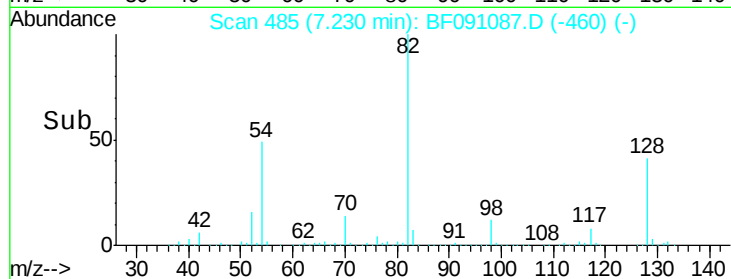
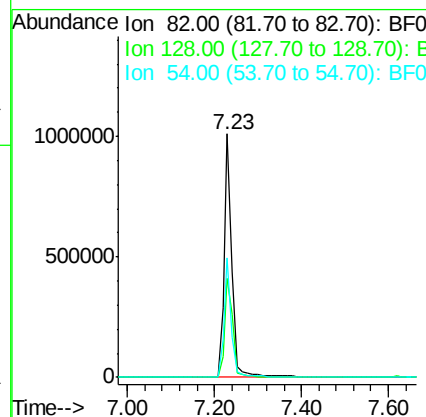
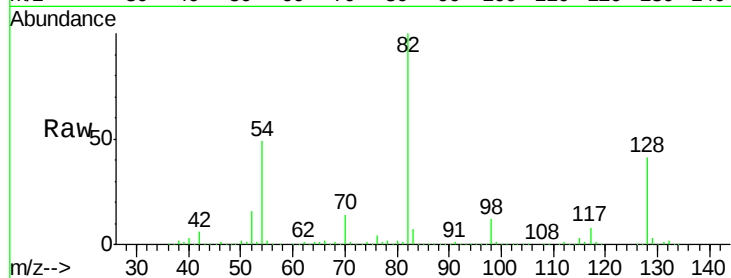




#23
 Nitrobenzene-d5
 Concen: 93.40 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF091087.D
 Acq: 8 Nov 2016 17:39

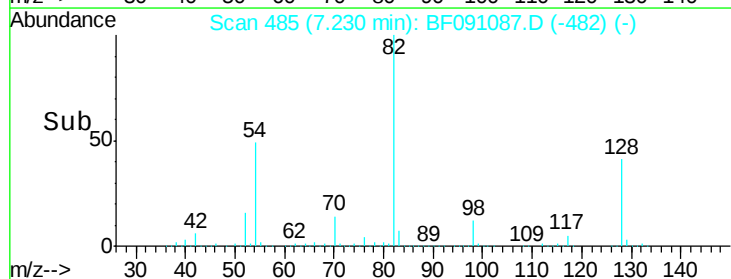
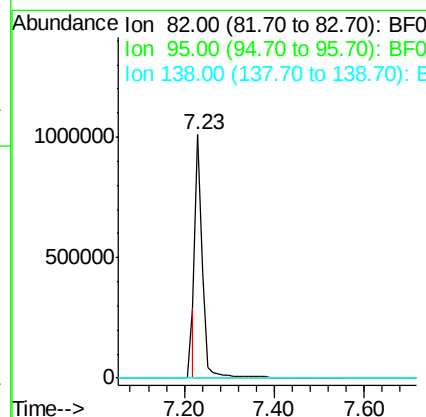
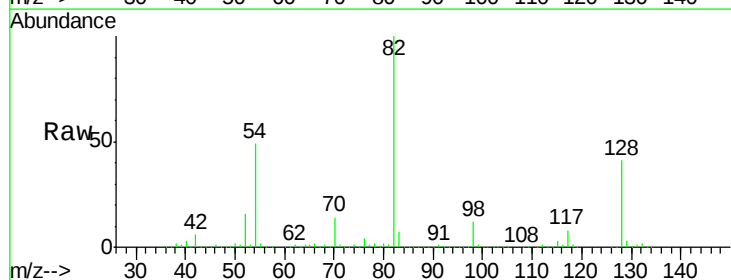
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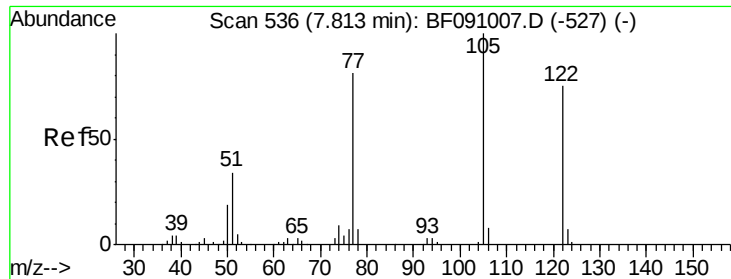
Tgt Ion: 82 Resp: 1323240
 Ion Ratio Lower Upper
 82 100
 128 40.8 32.4 48.6
 54 49.1 39.2 58.8



#25
 Isophorone
 Concen: 40.06 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.26 min
 Lab File: BF091087.D
 Acq: 8 Nov 2016 17:39

Tgt Ion: 82 Resp: 1093615
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.0#
 138 0.0 13.0 19.4#

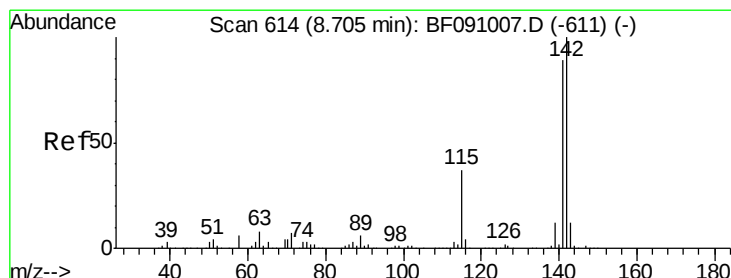
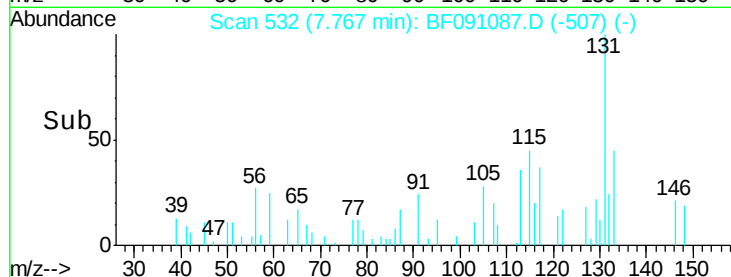
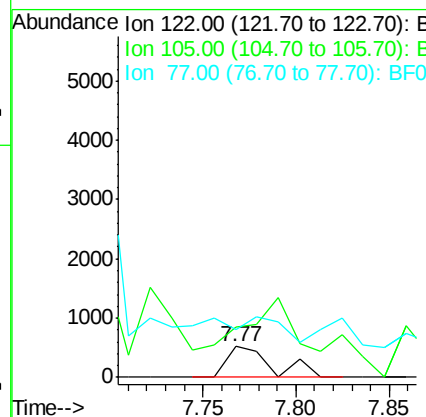
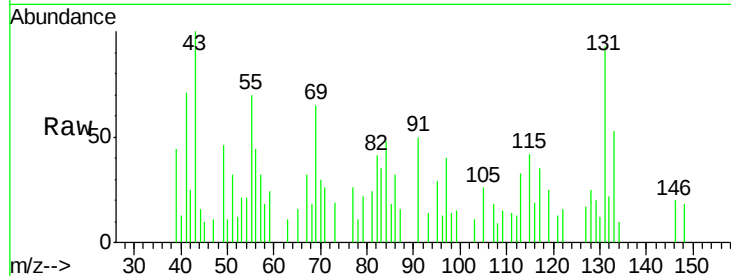




#32
Benzoic acid
Concen: 5.17 ng
RT: 7.77 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091087.D
Acq: 8 Nov 2016 17:39

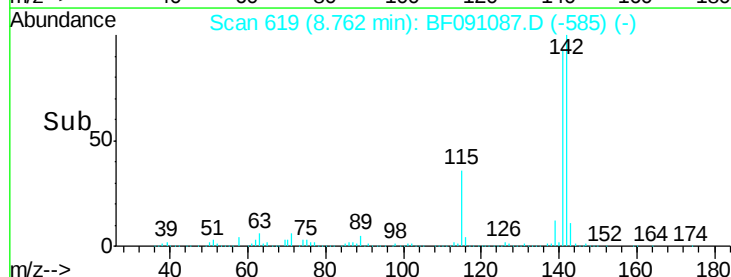
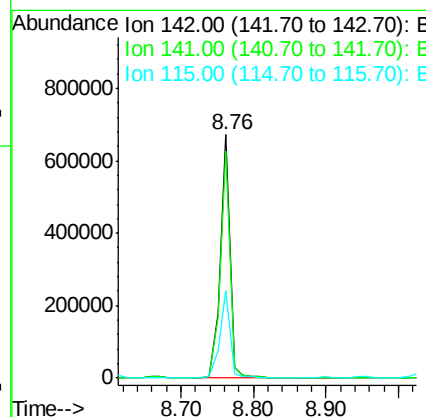
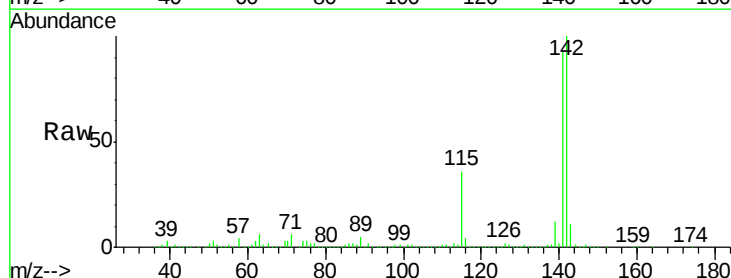
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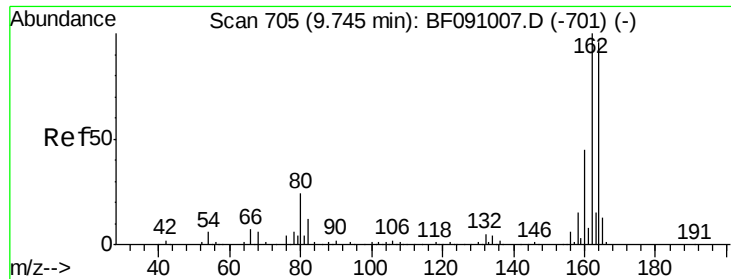
Tgt Ion:122 Resp: 870
Ion Ratio Lower Upper
122 100
105 162.5 105.9 145.9#
77 157.8 84.0 124.0#



#37
2-Methylnaphthalene
Concen: 26.37 ng
RT: 8.76 min Scan# 619
Delta R.T. 0.09 min
Lab File: BF091087.D
Acq: 8 Nov 2016 17:39

Tgt Ion:142 Resp: 626645
Ion Ratio Lower Upper
142 100
141 93.0 71.3 106.9
115 35.8 29.9 44.9

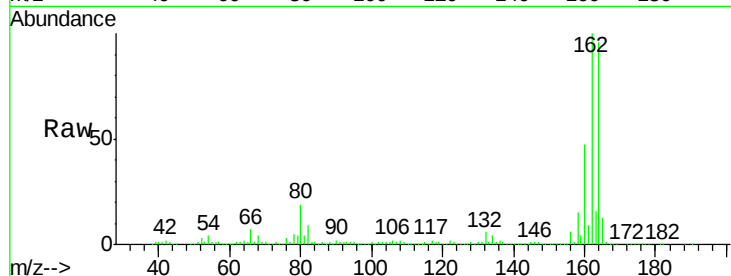




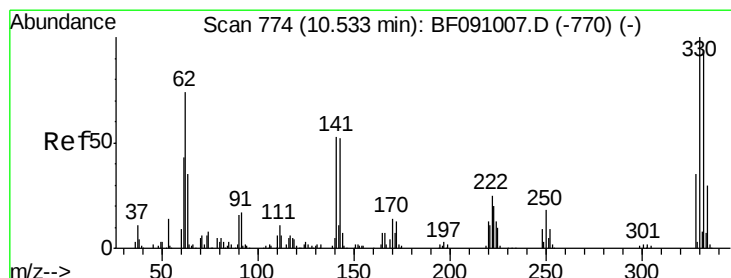
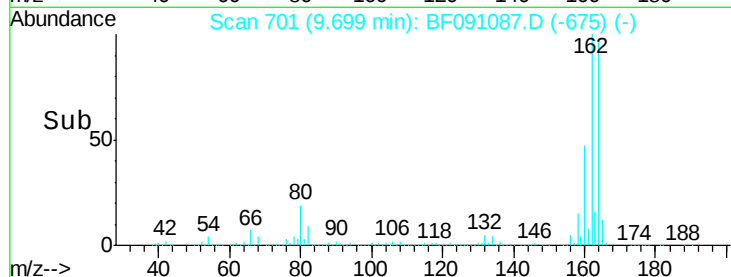
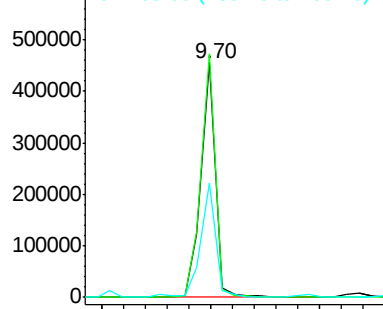
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091087.D
Acq: 8 Nov 2016 17:39

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Tgt Ion:164 Resp: 417197
Ion Ratio Lower Upper
164 100
162 103.8 83.6 125.4
160 49.0 37.9 56.9

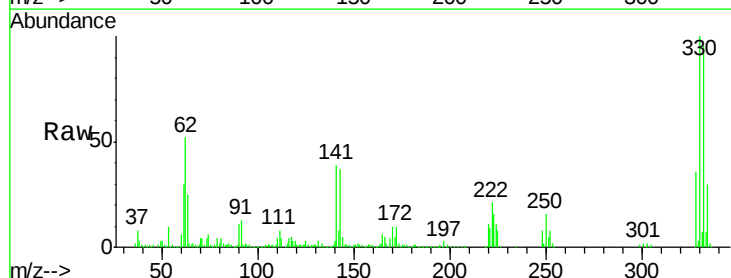


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

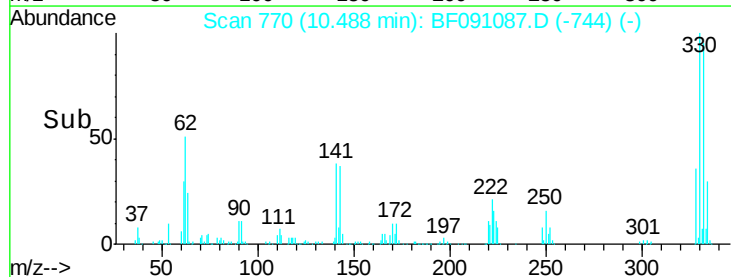
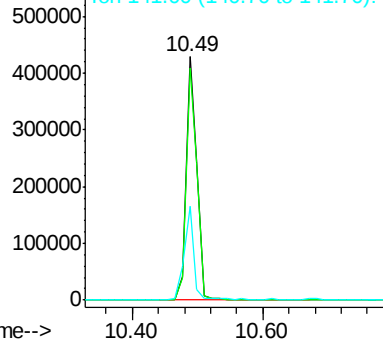


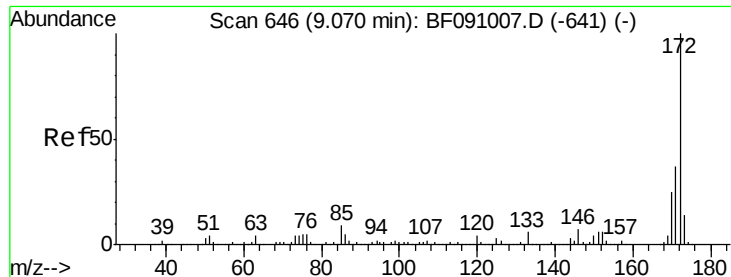
#41
2,4,6-Tribromophenol
Concen: 134.54 ng
RT: 10.49 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091087.D
Acq: 8 Nov 2016 17:39

Tgt Ion:330 Resp: 507458
Ion Ratio Lower Upper
330 100
332 96.8 75.9 113.9
141 34.4 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

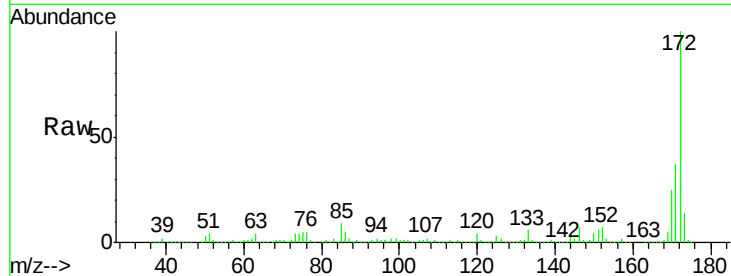




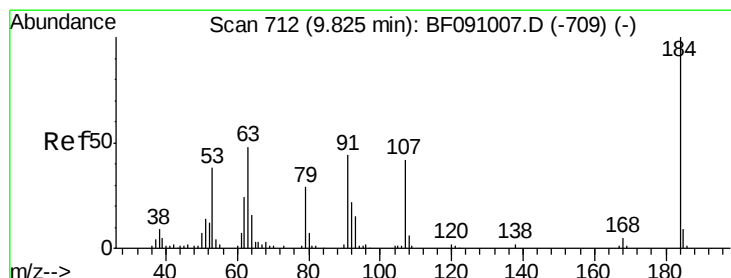
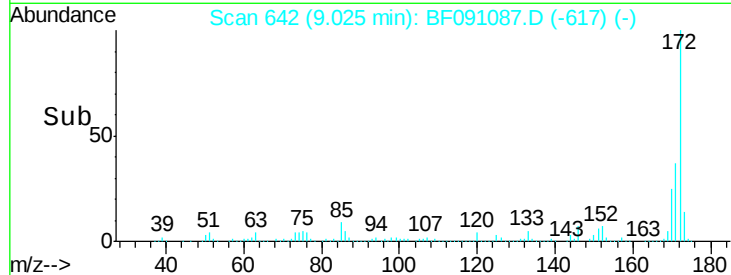
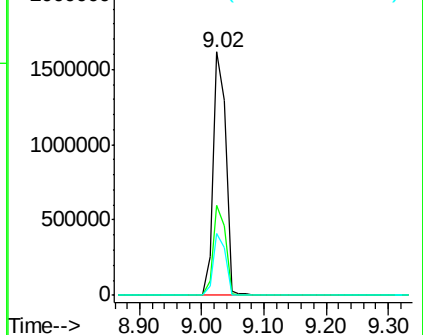
#44
 2-Fluorobiphenyl
 Concen: 92.35 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091087.D
 Acq: 8 Nov 2016 17:39

Instrument :
 BNA_F
 ClientSampled :
 MW18

Tgt Ion:172 Resp: 2237945
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 25.5 20.3 30.5

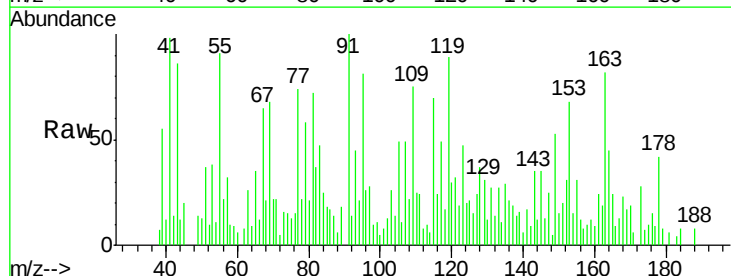


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

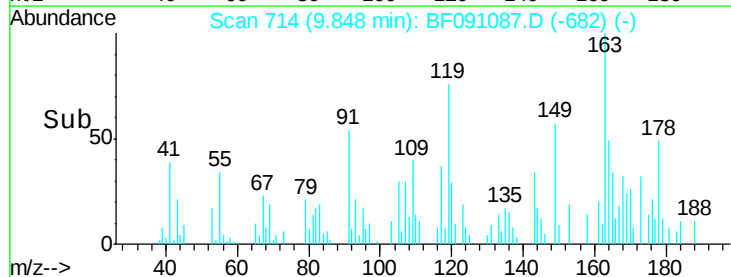
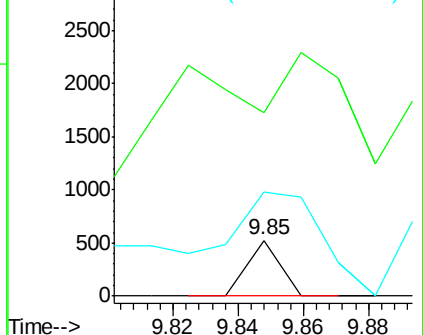


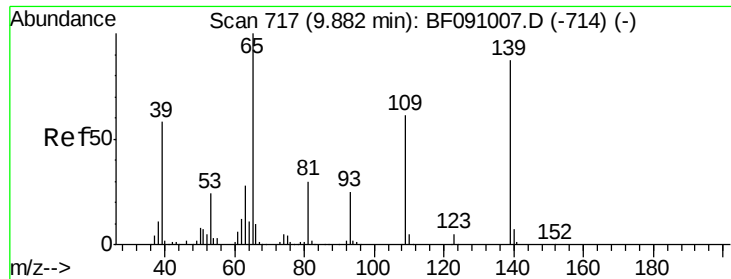
#53
 2,4-Dinitrophenol
 Concen: 6.36 ng
 RT: 9.85 min Scan# 714
 Delta R.T. 0.07 min
 Lab File: BF091087.D
 Acq: 8 Nov 2016 17:39

Tgt Ion:184 Resp: 359
 Ion Ratio Lower Upper
 184 100
 63 330.0 45.5 68.3#
 154 186.3 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

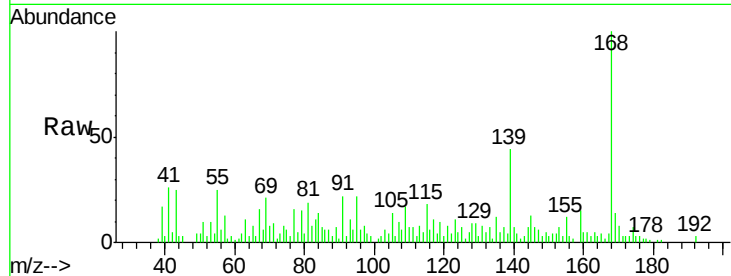




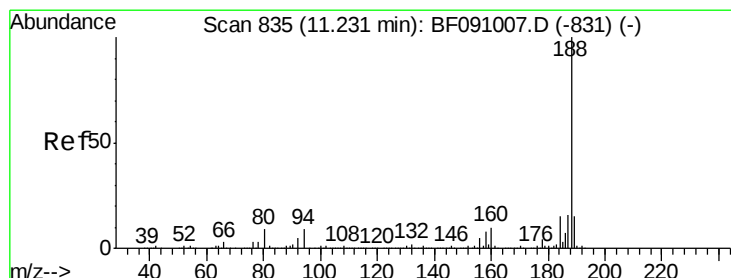
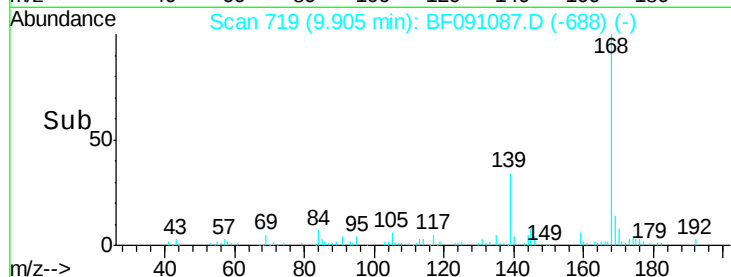
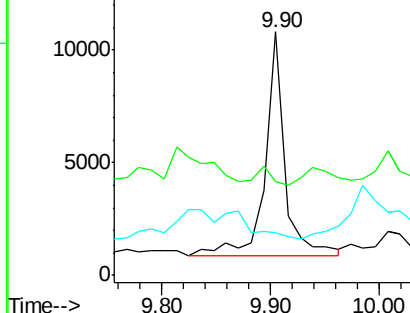
#55
4-Nitrophenol
Concen: 8.24 ng
RT: 9.90 min Scan# 719
Delta R.T. 0.06 min
Lab File: BF091087.D
Acq: 8 Nov 2016 17:39

Instrument :
BNA_F
ClientSampleId :
MW18

Tgt Ion:139 Resp: 12531
Ion Ratio Lower Upper
139 100
109 38.6 50.5 90.5#
65 17.8 97.1 137.1#

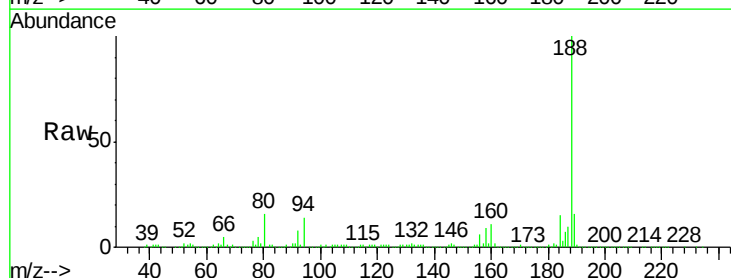


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091087.D
Acq: 8 Nov 2016 17:39

Tgt Ion:188 Resp: 596789
Ion Ratio Lower Upper
188 100
94 14.0 7.0 10.4#
80 16.0 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

