

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
 Data File : BF091425.D
 Acq On : 5 Dec 2016 18:37
 Operator : UM/SJ
 Sample : H5838-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Dec 06 00:07:01 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	6.85	152	130041	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	488051	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	319053	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	514422	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	406181	20.00	ng	-0.04
86) Perylene-d12	15.42	264	305353	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	611875	76.87	ng	-0.02
7) Phenol-d6	6.47	99	447112	45.63	ng	-0.03
23) Nitrobenzene-d5	7.42	82	994624	114.21	ng	-0.03
41) 2,4,6-Tribromophenol	10.68	330	467191	154.67	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	1690834	95.96	ng	-0.03
78) Terphenyl-d14	12.96	244	1913240	102.38	ng	-0.03

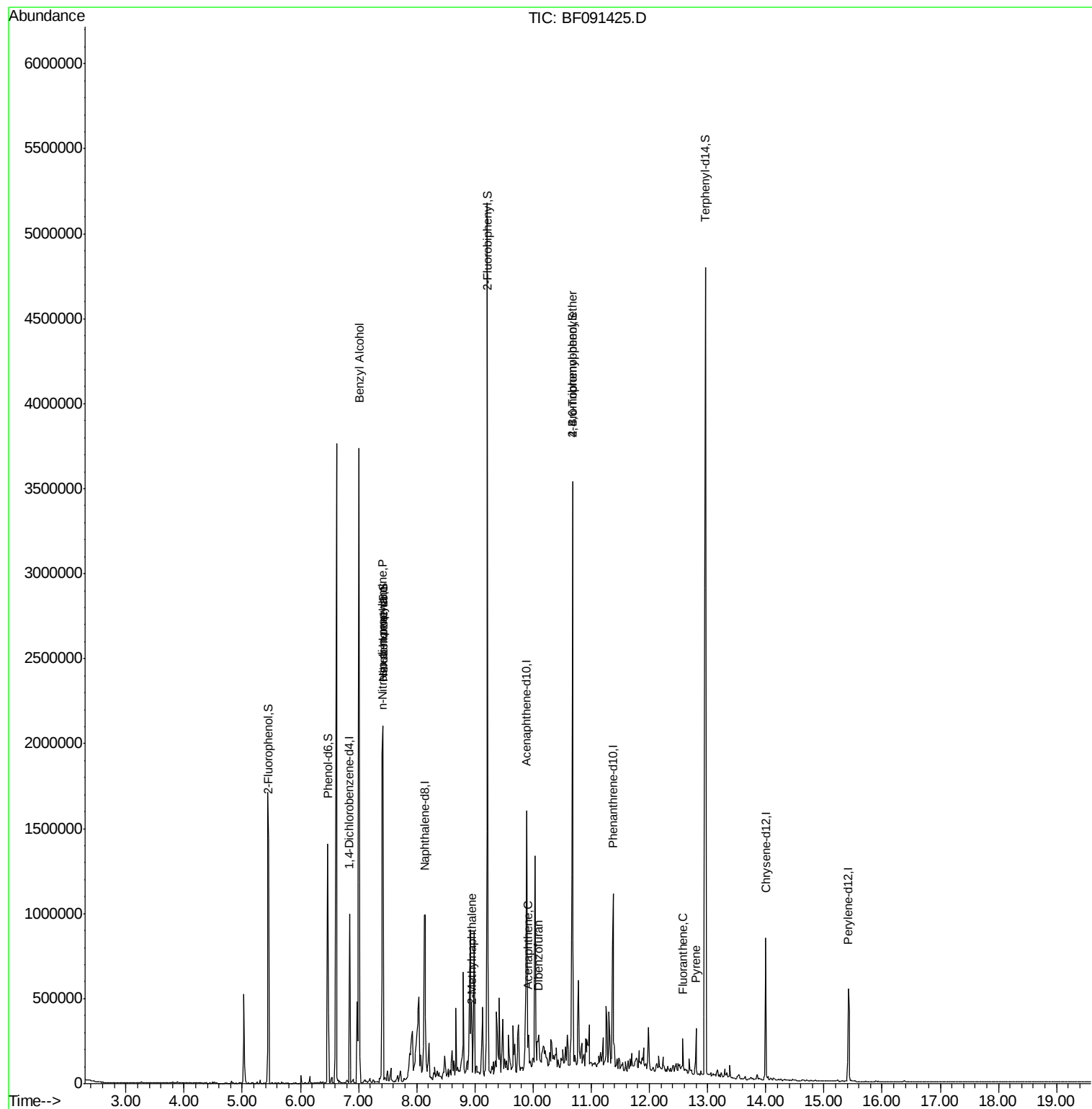
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.01	79	21566	2.75	ng	# 35
18) Hexachloroethane	7.42	117	49626	14.47	ng	# 1
19) n-Nitroso-di-n-propylamine	7.41	70	137769	22.32	ng	# 72
37) 2-Methylnaphthalene	8.95	142	38273	2.43	ng	# 95
51) Acenaphthene	9.92	154	58229	3.21	ng	96
54) Dibenzofuran	10.09	168	50924	2.10	ng	90
66) 4-Bromophenyl-phenylether	10.68	248	27178	4.92	ng	# 1
74) Fluoranthene	12.57	202	73092	2.89	ng	99
77) Pyrene	12.80	202	114443	3.71	ng	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF091425.D

Acq: 5 Dec 2016 18:37

Instrument :

BNA_F

ClientSampleId :

MW-13

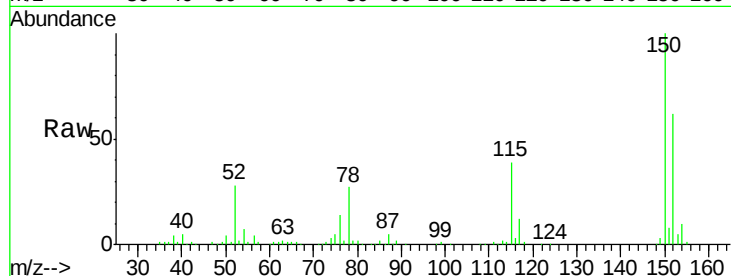
Tgt Ion:152 Resp: 130041

Ion Ratio Lower Upper

152 100

150 160.3 122.5 183.7

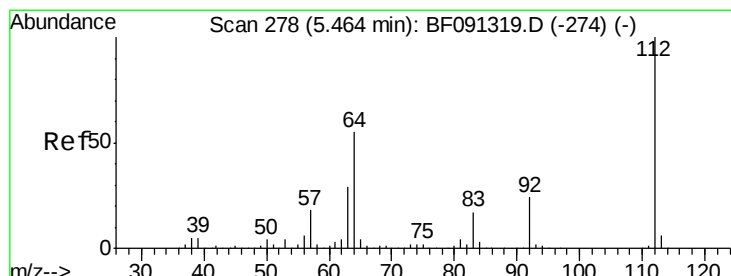
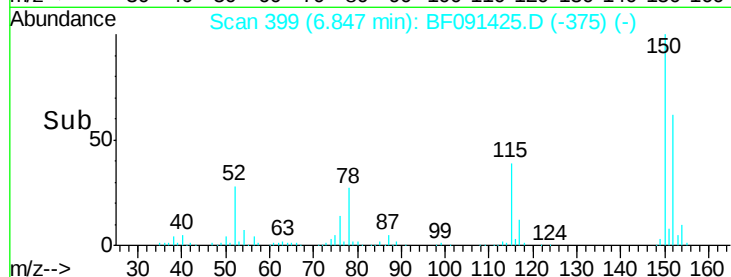
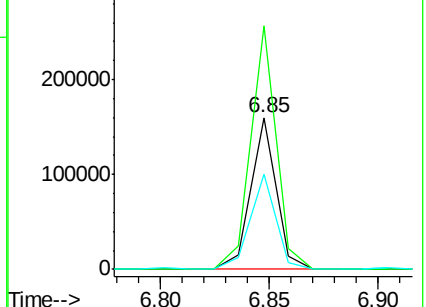
115 63.0 51.8 77.8



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: 76.87 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091425.D

Acq: 5 Dec 2016 18:37

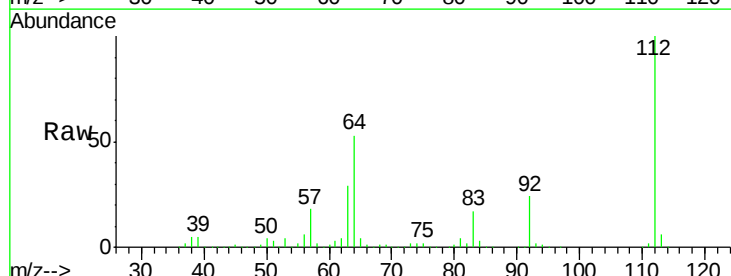
Tgt Ion:112 Resp: 611875

Ion Ratio Lower Upper

112 100

64 53.5 61.5 92.3#

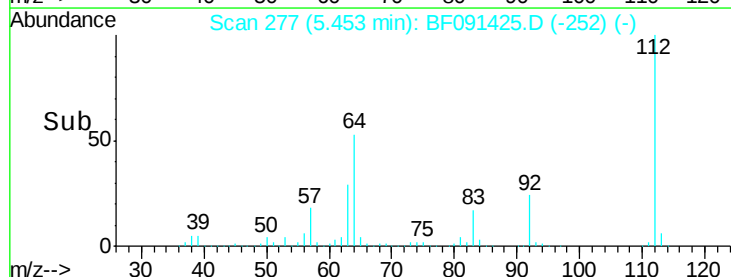
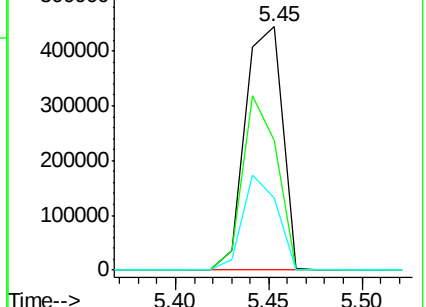
63 29.4 33.3 49.9#



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: 45.63 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.03 min

Lab File: BF091425.D

Acq: 5 Dec 2016 18:37

Instrument :

BNA_F

ClientSampleId :

MW-13

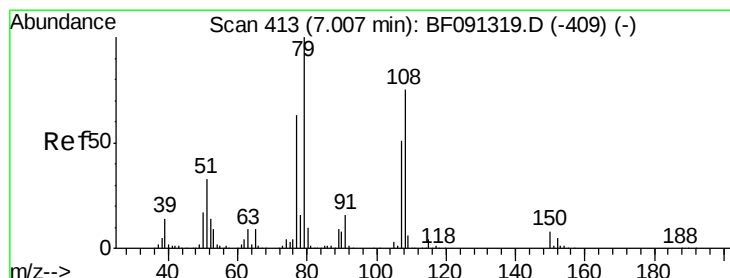
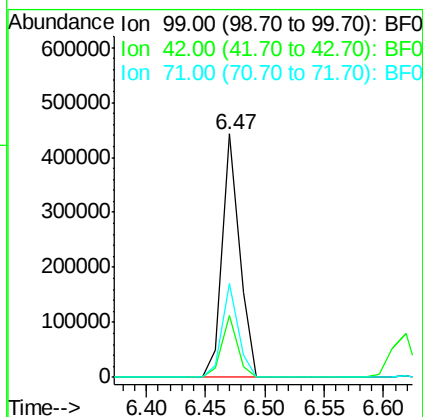
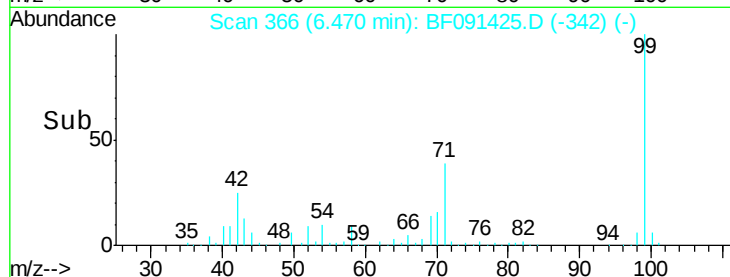
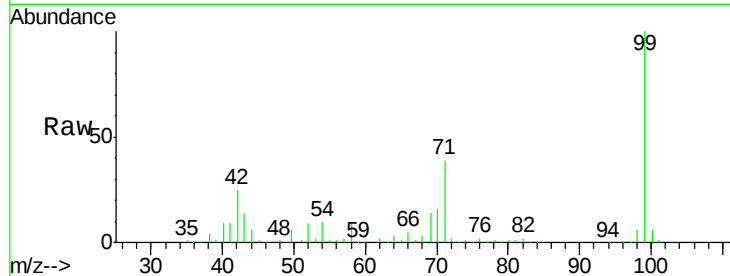
Tgt Ion: 99 Resp: 447112

Ion Ratio Lower Upper

99 100

42 25.3 20.6 31.0

71 38.7 29.9 44.9



#15

Benzyl Alcohol

Concen: 2.75 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091425.D

Acq: 5 Dec 2016 18:37

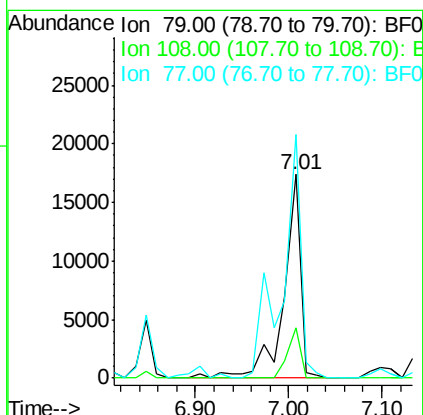
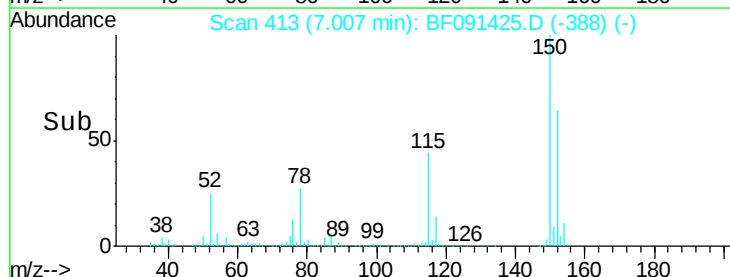
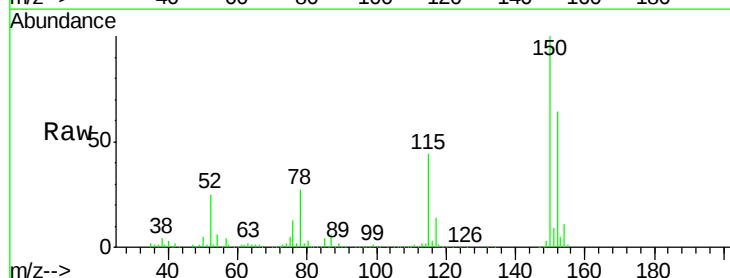
Tgt Ion: 79 Resp: 21566

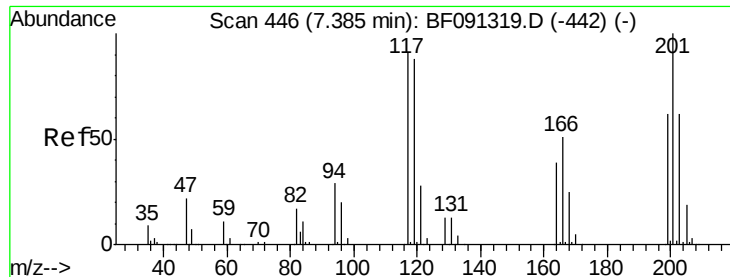
Ion Ratio Lower Upper

79 100

108 25.0 62.7 94.1#

77 119.4 51.7 77.5#

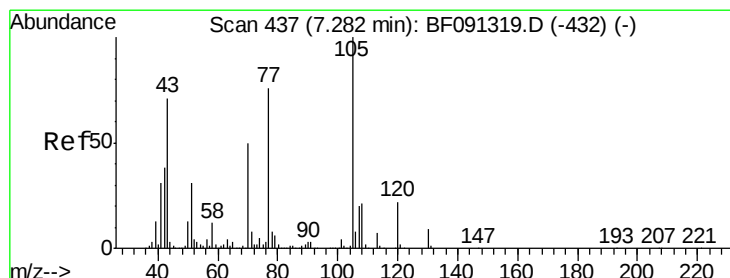
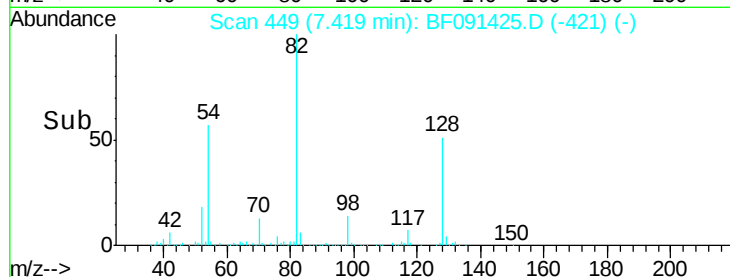
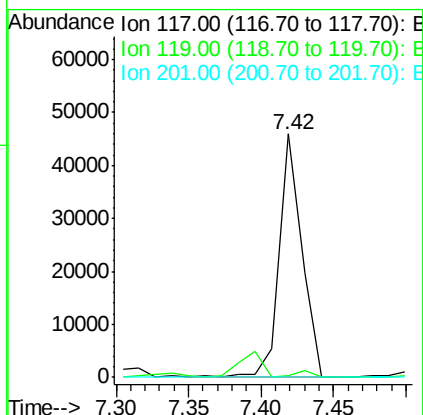
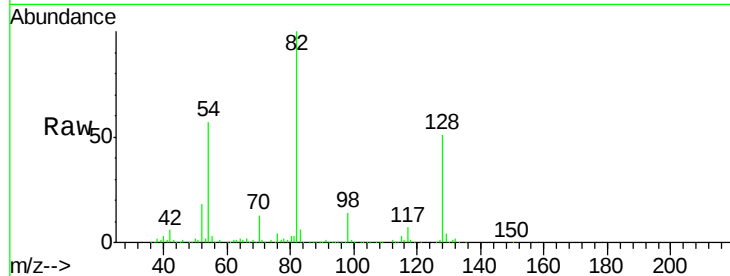




#18
Hexachloroethane
Concen: 14.47 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.02 min
Lab File: BF091425.D
Acq: 5 Dec 2016 18:37

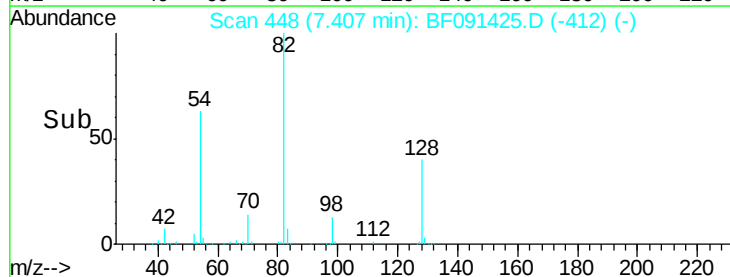
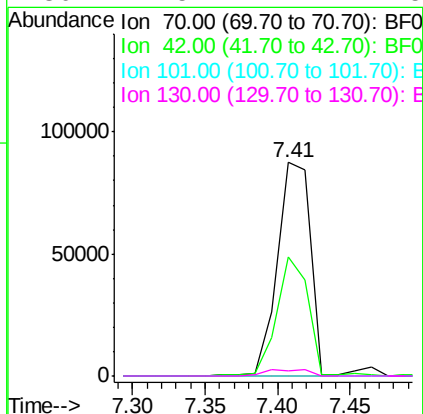
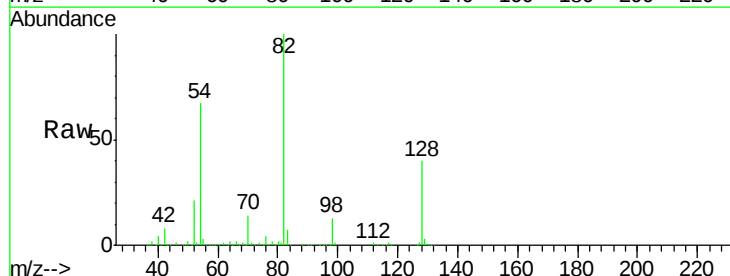
Instrument :
BNA_F
ClientSampleId :
MW-13

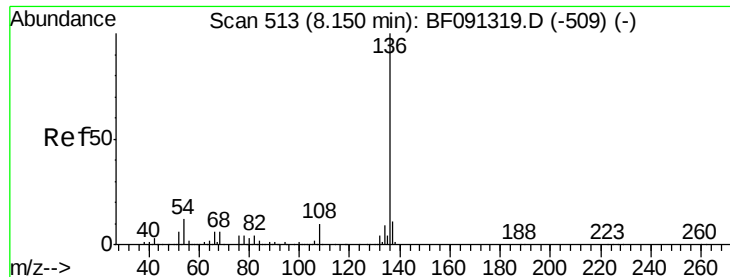
Tgt Ion:117 Resp: 49626
Ion Ratio Lower Upper
117 100
119 0.9 78.6 118.0#
201 0.0 86.7 130.1#



#19
n-Nitroso-di-n-propylamine
Concen: 22.32 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.11 min
Lab File: BF091425.D
Acq: 5 Dec 2016 18:37

Tgt Ion: 70 Resp: 137769
Ion Ratio Lower Upper
70 100
42 55.5 64.8 97.2#
101 0.0 6.2 9.4#
130 2.5 11.7 17.5#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF091425.D

Acq: 5 Dec 2016 18:37

Instrument :

BNA_F

ClientSampled :

MW-13

Tgt Ion: 136 Resp: 488051

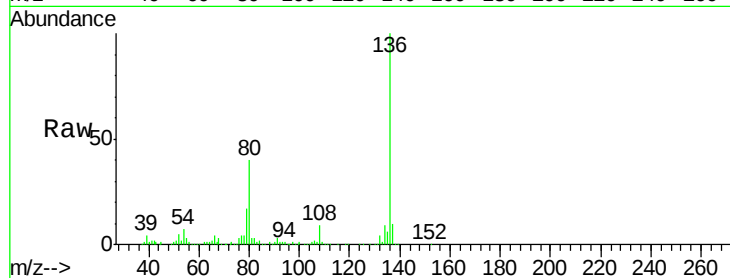
Ion Ratio Lower Upper

136 100

137 10.2 9.1 13.7

54 7.1 9.1 13.7#

68 3.5 5.9 8.9#

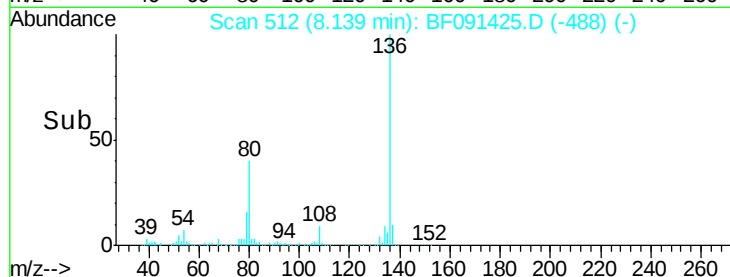


Abundance Ion 136.00 (135.70 to 136.70): E

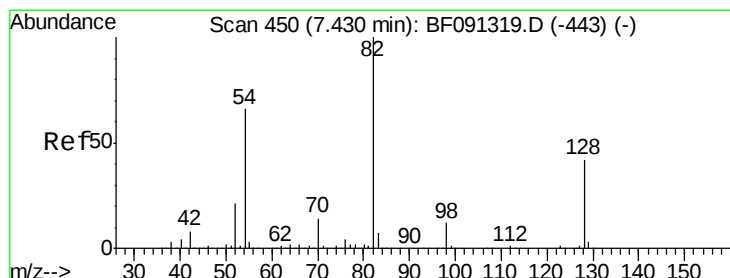
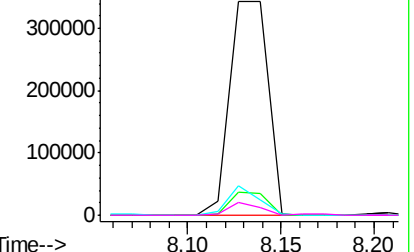
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 114.21 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF091425.D

Acq: 5 Dec 2016 18:37

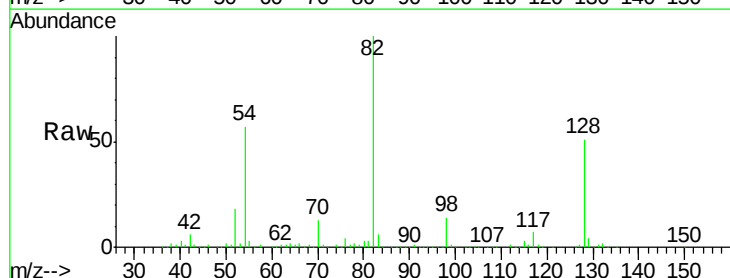
Tgt Ion: 82 Resp: 994624

Ion Ratio Lower Upper

82 100

128 51.2 31.8 47.6#

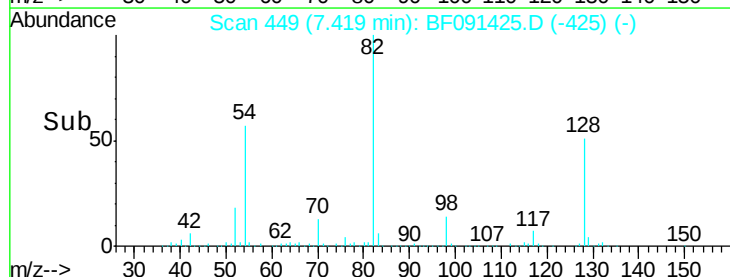
54 56.6 49.1 73.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

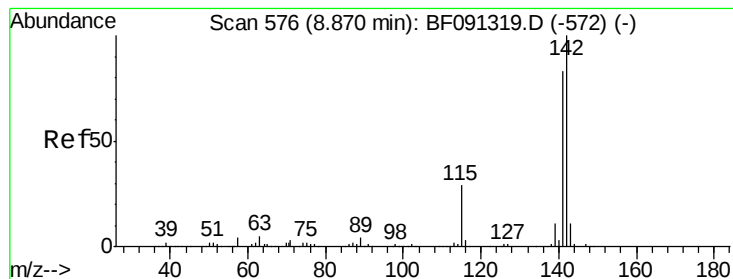
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

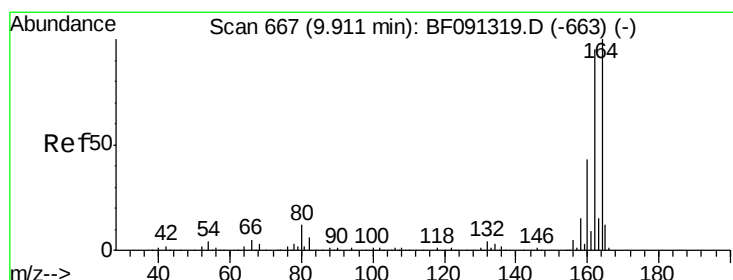
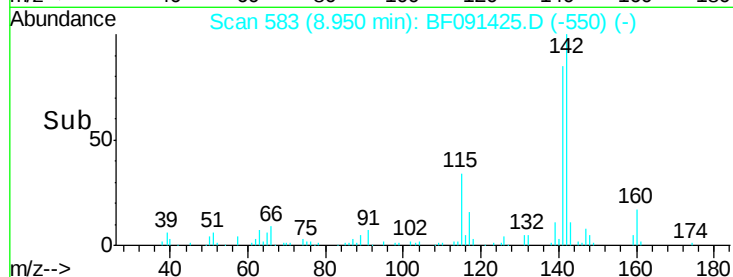
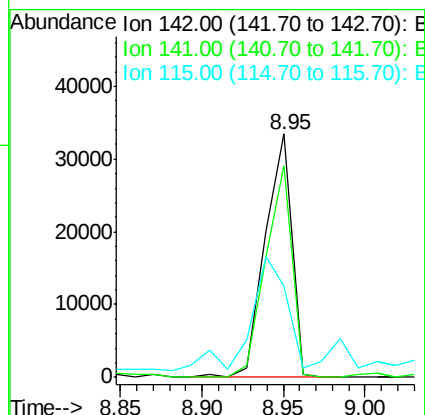
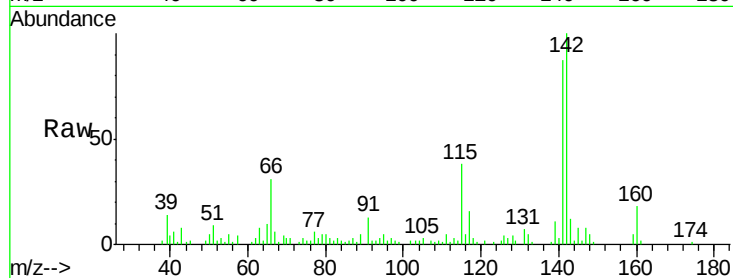




#37
 2-Methylnaphthalene
 Concen: 2.43 ng
 RT: 8.95 min Scan# 583
 Delta R.T. 0.07 min
 Lab File: BF091425.D
 Acq: 5 Dec 2016 18:37

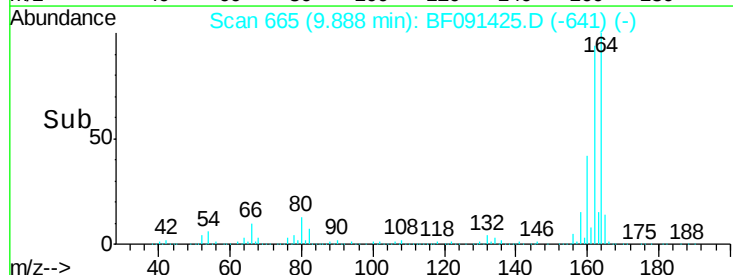
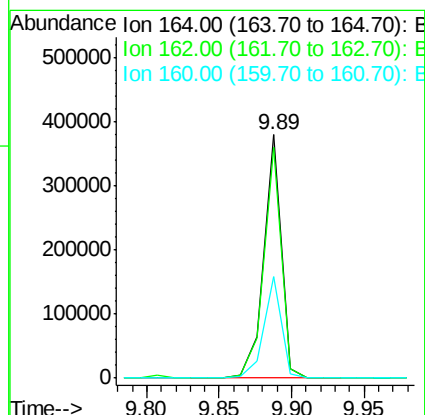
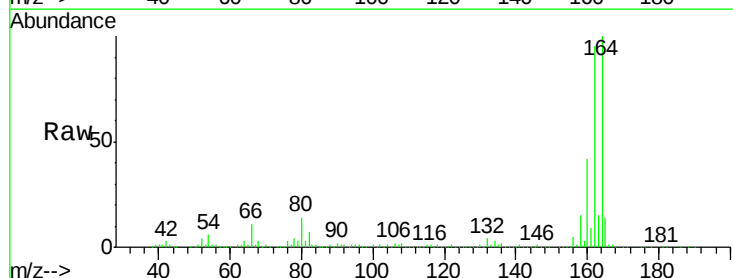
Instrument :
 BNA_F
 ClientSampleId :
 MW-13

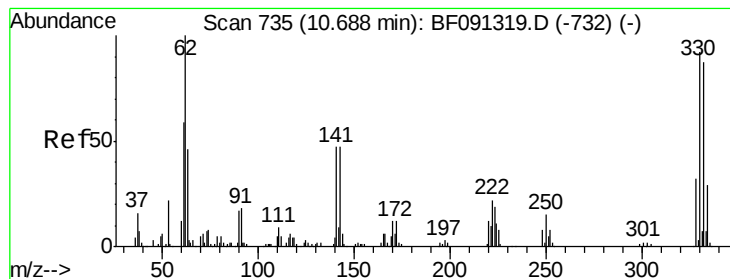
Tgt Ion:142 Resp: 38273
 Ion Ratio Lower Upper
 142 100
 141 86.8 71.7 107.5
 115 37.6 25.0 37.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.03 min
 Lab File: BF091425.D
 Acq: 5 Dec 2016 18:37

Tgt Ion:164 Resp: 319053
 Ion Ratio Lower Upper
 164 100
 162 94.7 82.6 124.0
 160 42.0 36.7 55.1





#41

2,4,6-Tribromophenol

Concen: 154.67 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF091425.D

Acq: 5 Dec 2016 18:37

Instrument :

BNA_F

ClientSampleId :

MW-13

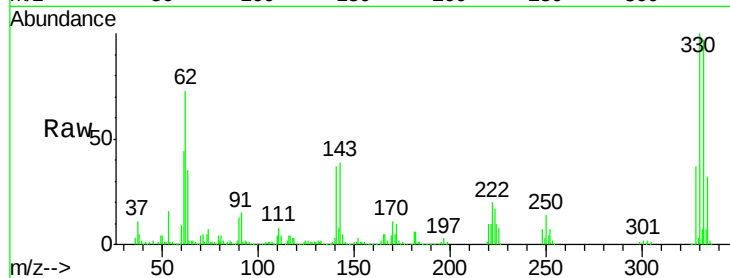
Tgt Ion:330 Resp: 467191

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

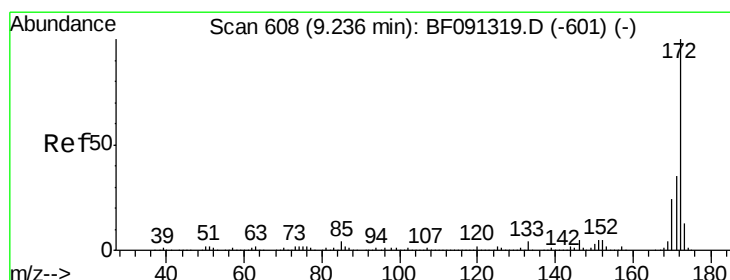
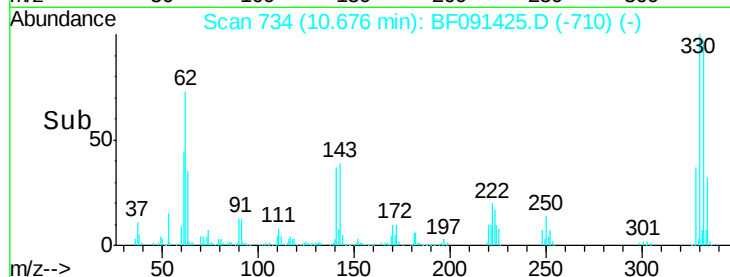
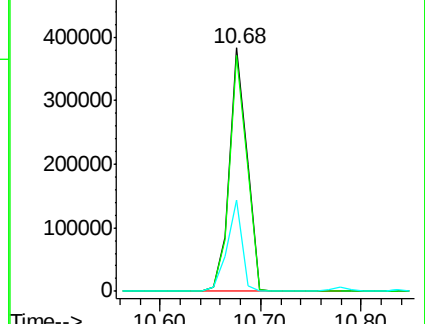
141 31.0 33.6 50.4#



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: 95.96 ng

RT: 9.21 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF091425.D

Acq: 5 Dec 2016 18:37

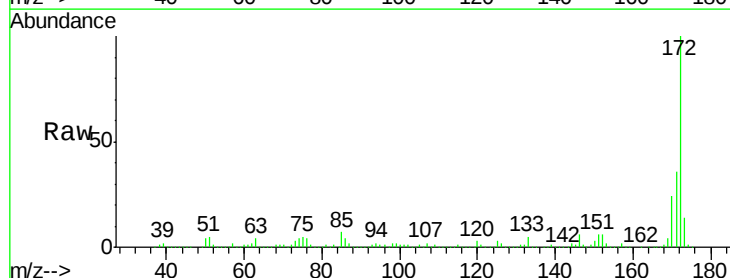
Tgt Ion:172 Resp: 1690834

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

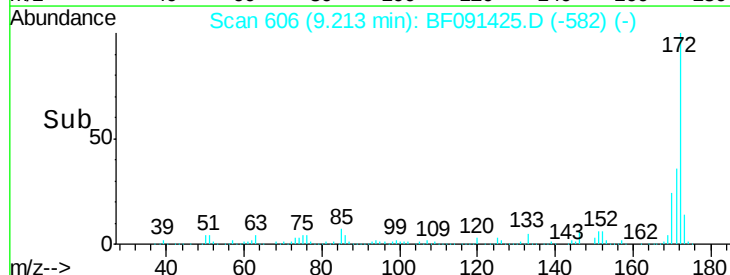
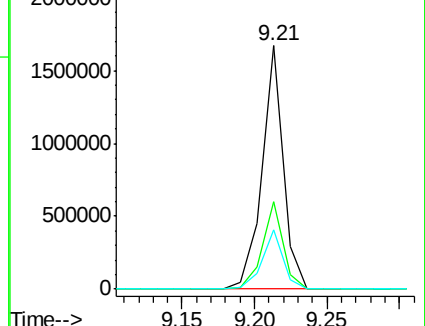
170 24.1 19.7 29.5

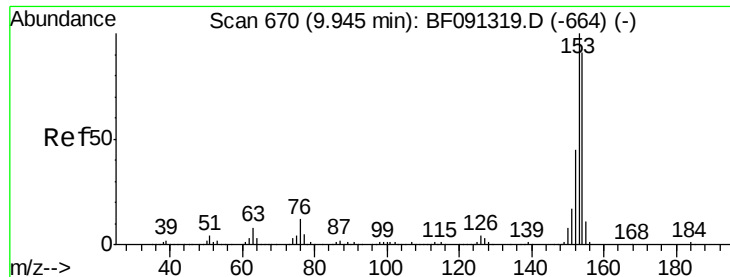


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

Acenaphthene

Concen: 3.21 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.03 min

Lab File: BF091425.D

Acq: 5 Dec 2016 18:37

Instrument :

BNA_F

ClientSampleId :

MW-13

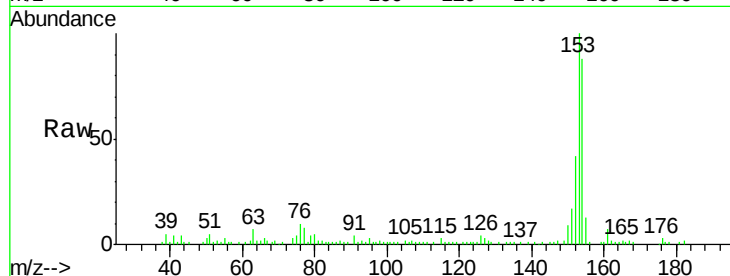
Tgt Ion:154 Resp: 58229

Ion Ratio Lower Upper

154 100

153 113.1 91.0 136.6

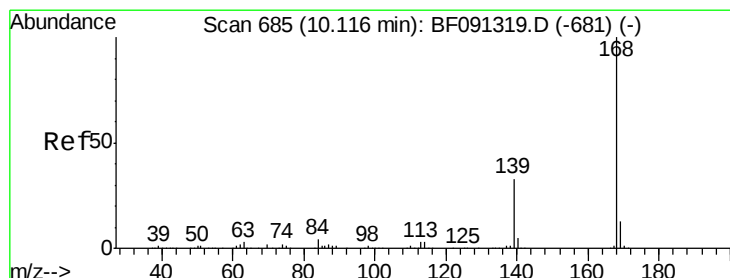
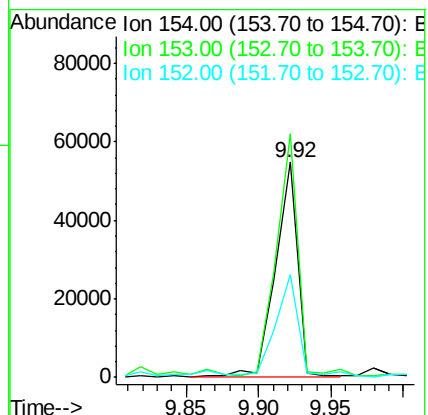
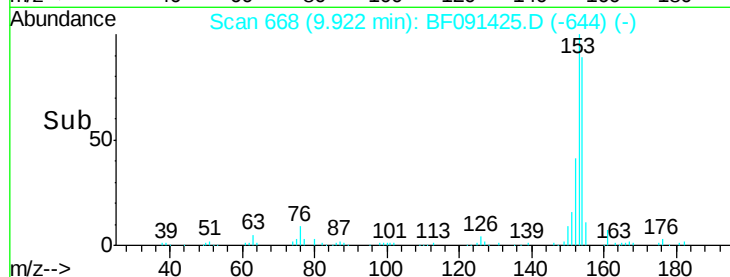
152 47.9 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.10 ng

RT: 10.09 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF091425.D

Acq: 5 Dec 2016 18:37

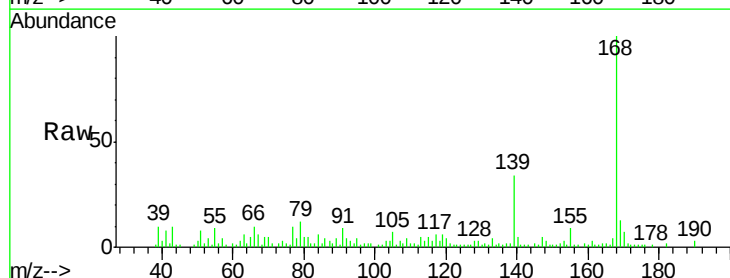
Tgt Ion:168 Resp: 50924

Ion Ratio Lower Upper

168 100

139 33.6 33.4 50.2

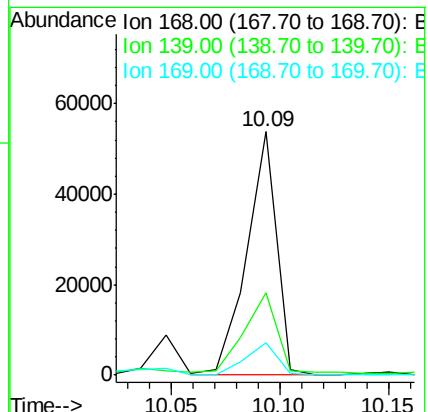
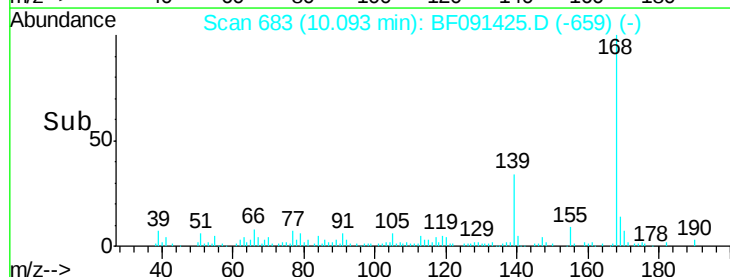
169 13.2 11.1 16.7

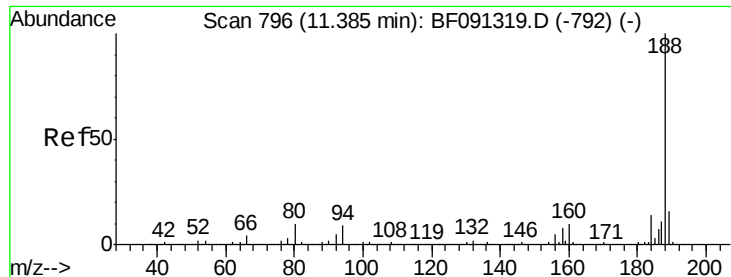


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

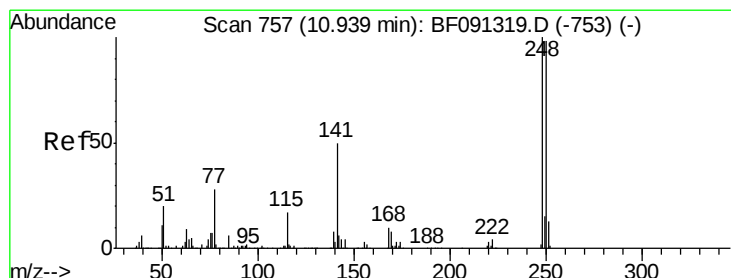
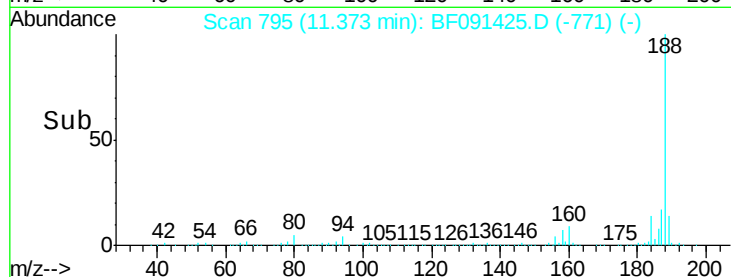
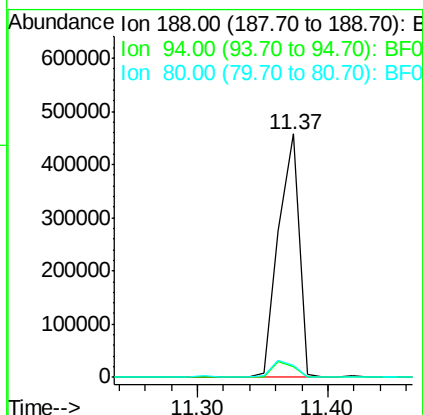
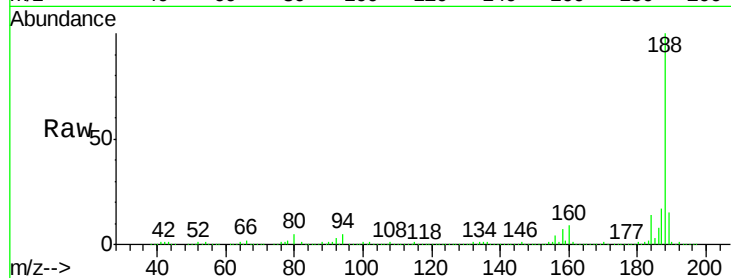




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF091425.D
Acq: 5 Dec 2016 18:37

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion:188 Resp: 514422
Ion Ratio Lower Upper
188 100
94 4.6 9.2 13.8#
80 5.1 10.5 15.7#



#66
4-Bromophenyl-phenylether
Concen: 4.92 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.28 min
Lab File: BF091425.D
Acq: 5 Dec 2016 18:37

Tgt Ion:248 Resp: 27178
Ion Ratio Lower Upper
248 100
250 203.1 78.2 117.4#
141 537.4 71.9 107.9#

