

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
 Data File : BF091791.D
 Acq On : 19 Dec 2016 23:37
 Operator : UM/SJ
 Sample : H6126-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: Dec 20 00:28:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	255727	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	900988	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	492486	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	713092	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	569891	20.00	ng	-0.02
86) Perylene-d12	15.31	264	467461	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	1141581	74.79	ng	-0.01
7) Phenol-d6	6.41	99	823101	44.22	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1769685	113.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	551458	132.05	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2299415	93.80	ng	-0.01
78) Terphenyl-d14	12.87	244	1924740	85.28	ng	-0.01

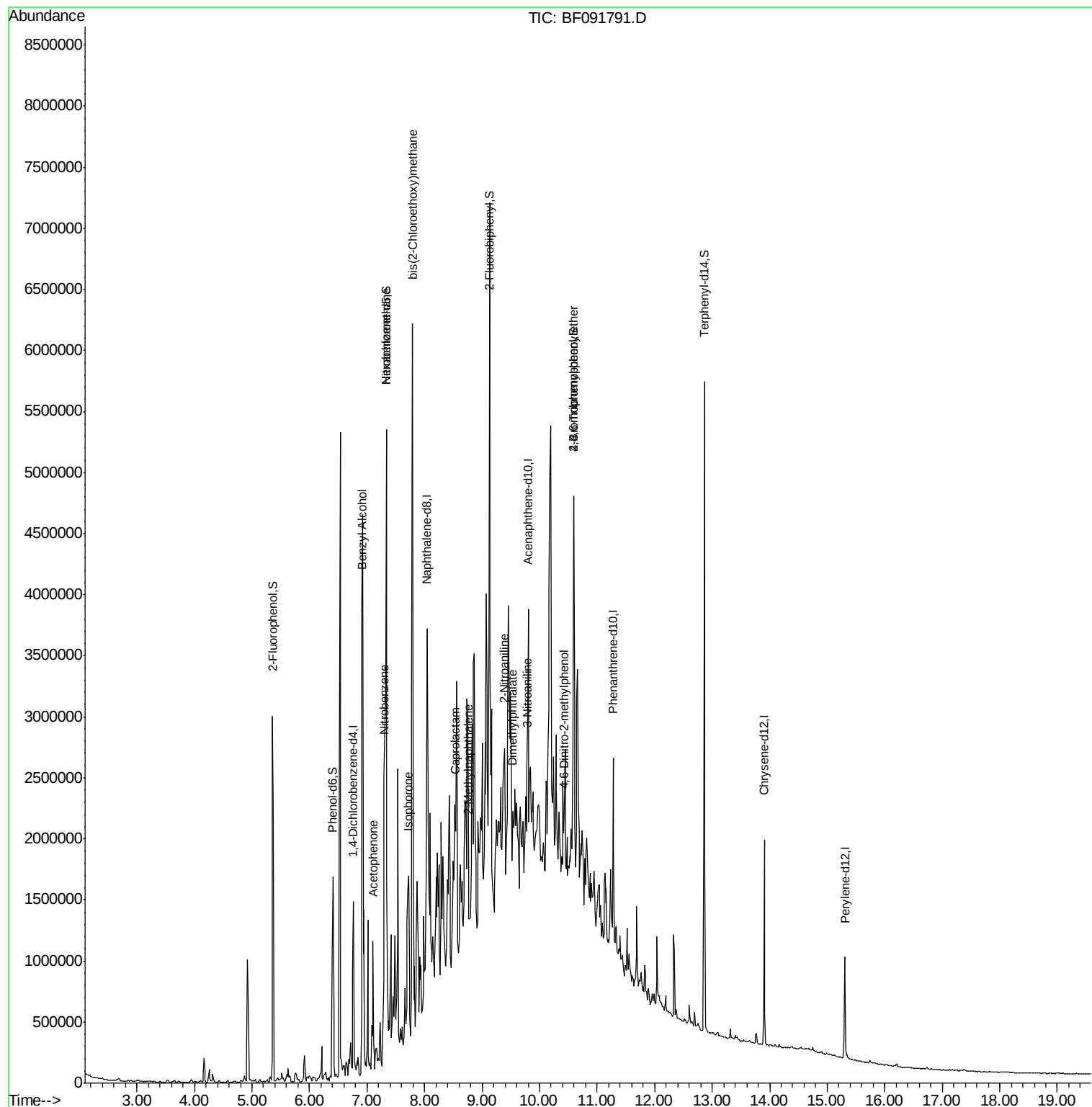
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.30	77	2111	Below Cal	#	70
15) Benzyl Alcohol	6.91	79	34487	2.39	ng	45
18) Hexachloroethane	7.33	117	714356	102.99	ng	9
22) Acetophenone	7.10	105	246714	11.34	ng	66
24) Nitrobenzene	7.30	77	152580	9.09	ng	18
25) Isophorone	7.72	82	94994	3.19	ng	26
28) bis(2-Chloroethoxy)methane	7.79	93	36418	2.09	ng	1
35) Caprolactam	8.53	113	12776	3.26	ng	1
37) 2-Methylnaphthalene	8.76	142	190576	7.02	ng	100
47) 2-Nitroaniline	9.39	65	20995	2.33	ng	47
49) Dimethylphthalate	9.53	163	167538	5.21	ng	93
52) 3-Nitroaniline	9.78	138	21636	2.46	ng	1
64) 4,6-Dinitro-2-methylphenol	10.42	198	9411	2.00	ng	1
66) 4-Bromophenyl-phenylether	10.59	248	33390	4.47	ng	1

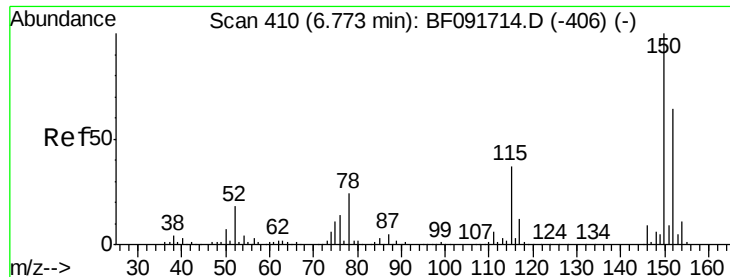
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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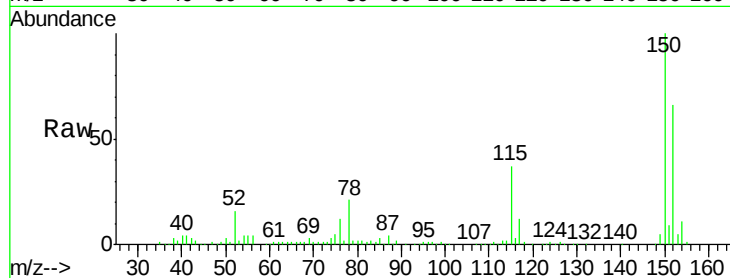


#1

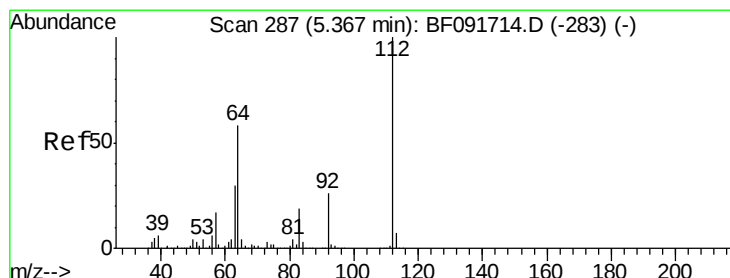
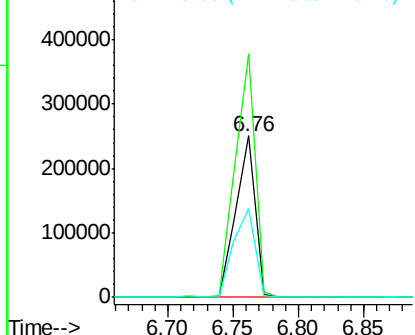
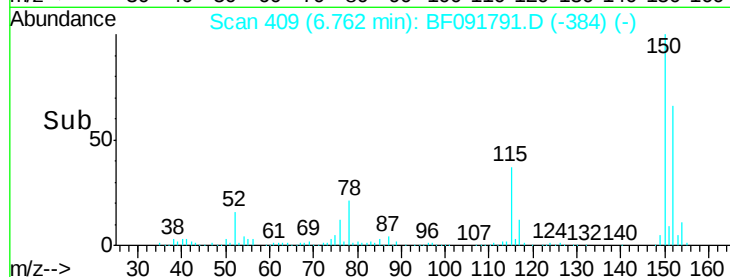
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091791.D
Acq: 19 Dec 2016 23:37

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.9	187.3
115	55.1	46.0	69.0



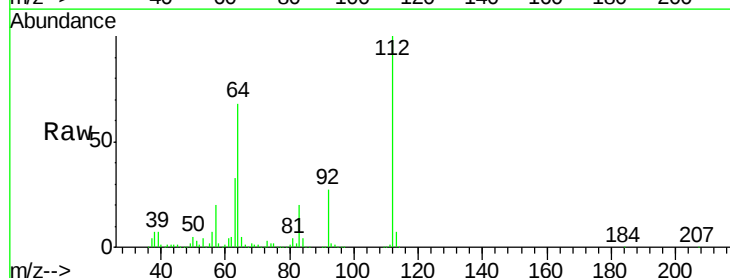
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



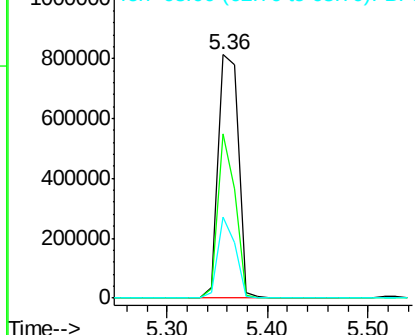
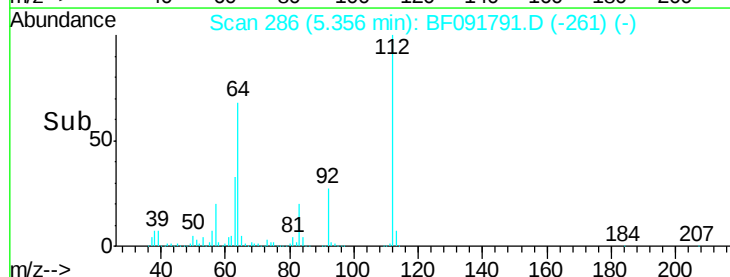
#5

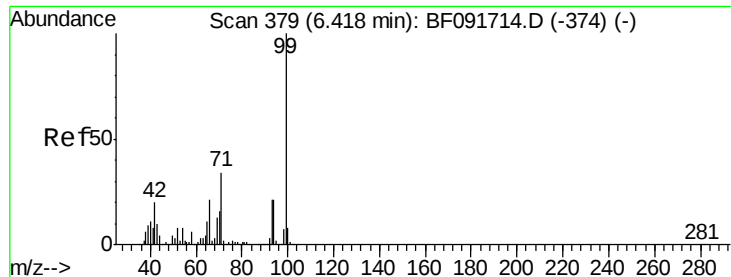
2-Fluorophenol
Concen: 74.79 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.01 min
Lab File: BF091791.D
Acq: 19 Dec 2016 23:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	46.1	69.1
63	33.3	23.8	35.6



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: 44.22 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091791.D

Acq: 19 Dec 2016 23:37

Instrument :

BNA_F

ClientSampleId :

MW-17

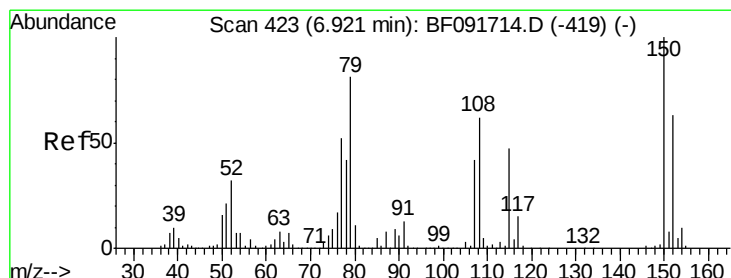
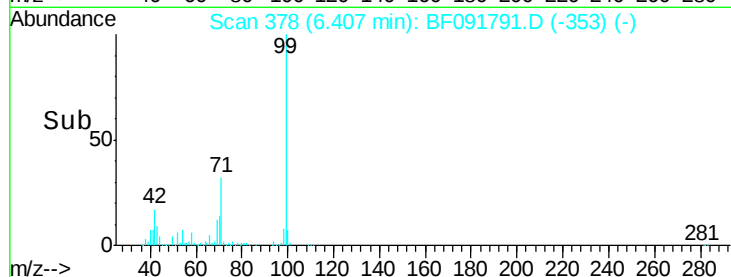
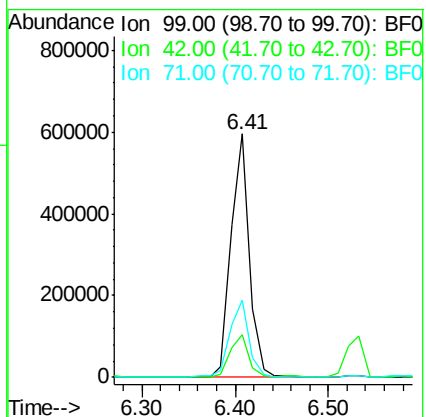
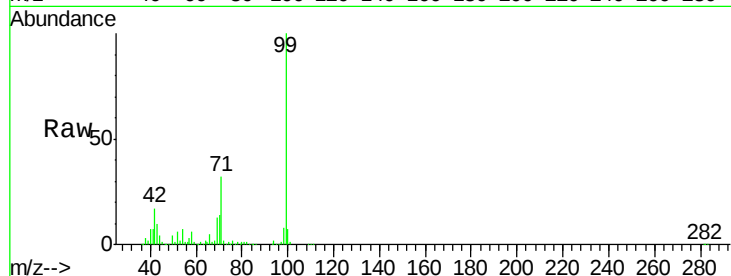
Tgt Ion: 99 Resp: 823101

Ion Ratio Lower Upper

99 100

42 17.3 15.6 23.4

71 31.6 27.5 41.3



#15

Benzyl Alcohol

Concen: 2.39 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF091791.D

Acq: 19 Dec 2016 23:37

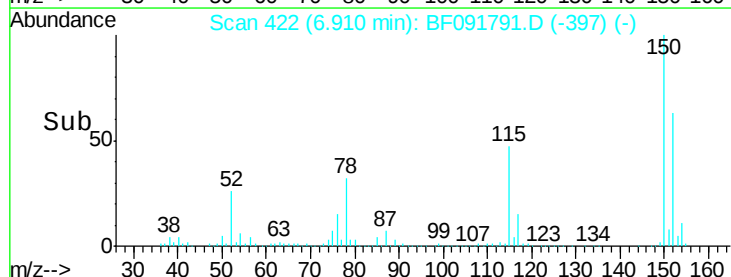
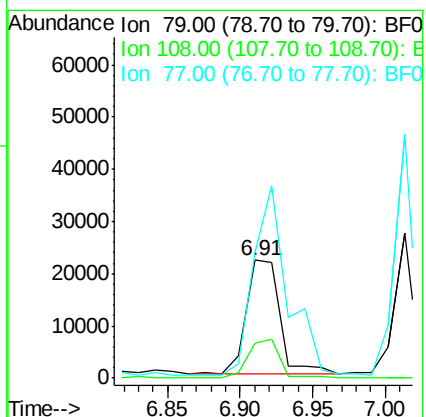
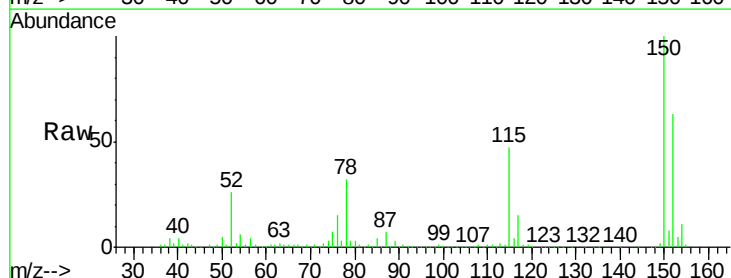
Tgt Ion: 79 Resp: 34487

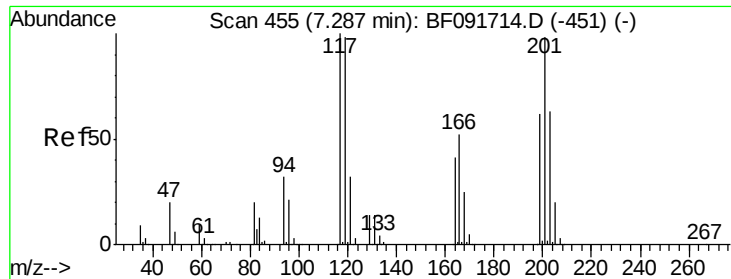
Ion Ratio Lower Upper

79 100

108 30.1 61.4 92.0#

77 107.1 50.9 76.3#

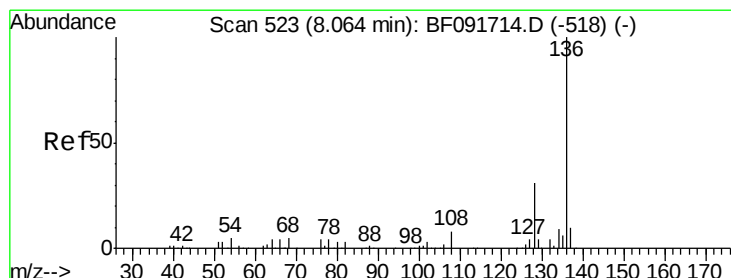
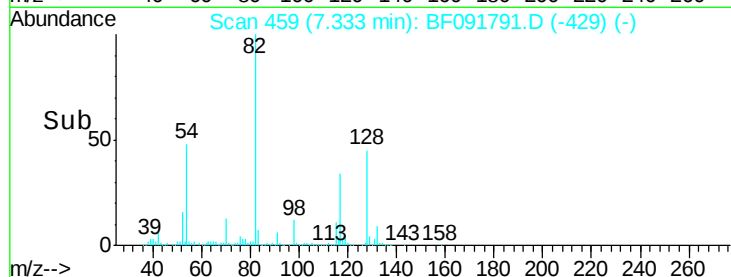
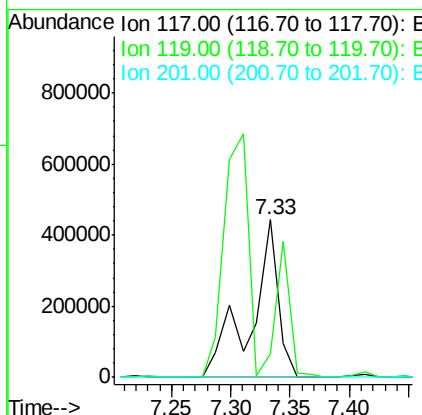
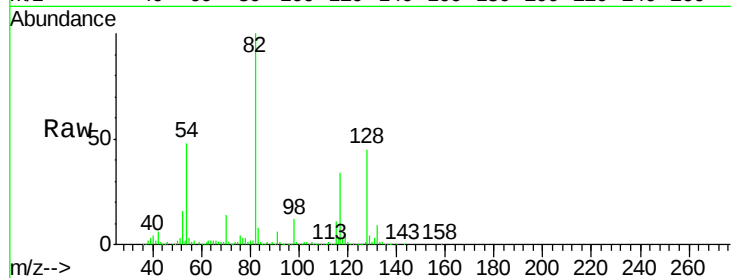




#18
Hexachloroethane
Concen: 102.99 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.05 min
Lab File: BF091791.D
Acq: 19 Dec 2016 23:37

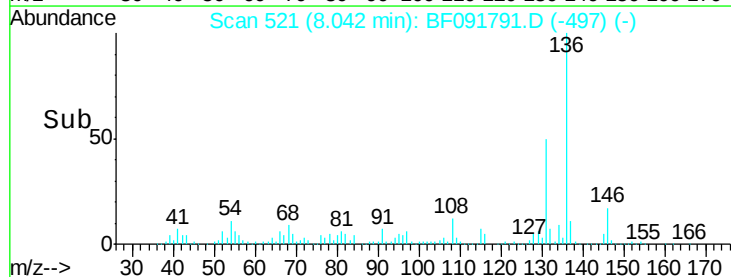
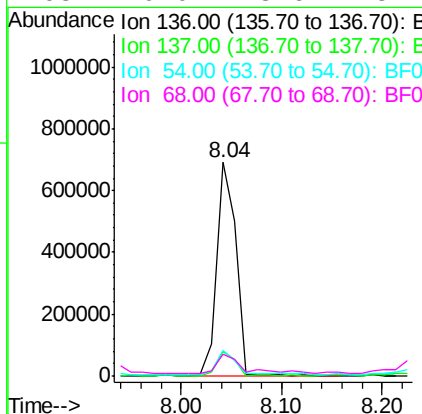
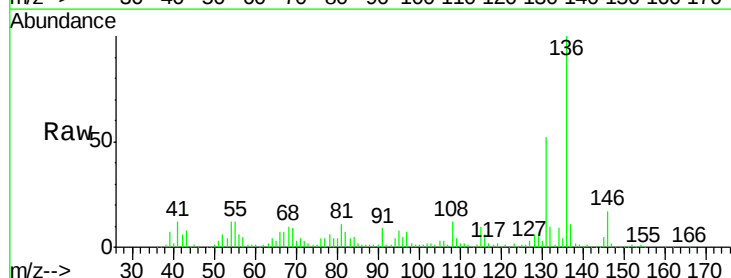
Instrument :
BNA_F
ClientSampleId :
MW-17

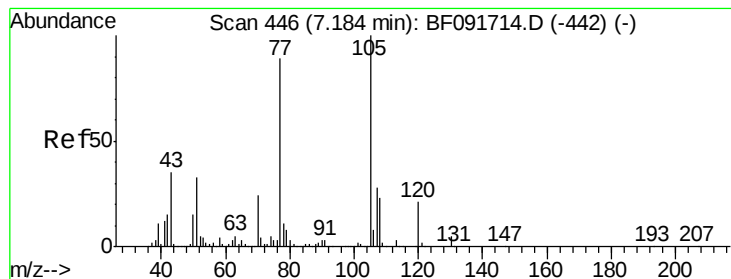
Tgt Ion:117 Resp: 714356
Ion Ratio Lower Upper
117 100
119 15.2 78.1 117.1#
201 0.0 78.6 117.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091791.D
Acq: 19 Dec 2016 23:37

Tgt Ion:136 Resp: 900988
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 11.7 4.5 6.7#
68 10.0 3.6 5.4#





#22

Acetophenone

Concen: 11.34 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.08 min

Lab File: BF091791.D

Acq: 19 Dec 2016 23:37

Instrument :

BNA_F

ClientSampleId :

MW-17

Tgt Ion: 105 Resp: 246714

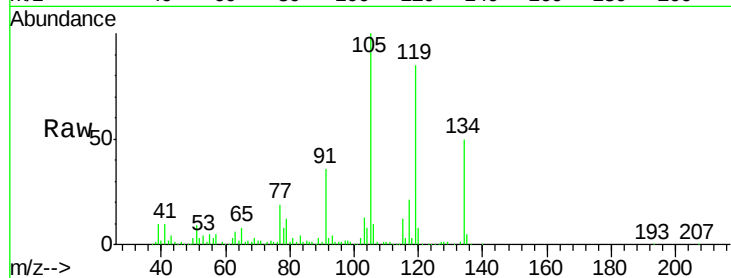
Ion Ratio Lower Upper

105 100

71 1.5 3.2 4.8#

51 8.7 26.2 39.4#

120 8.4 16.6 24.8#



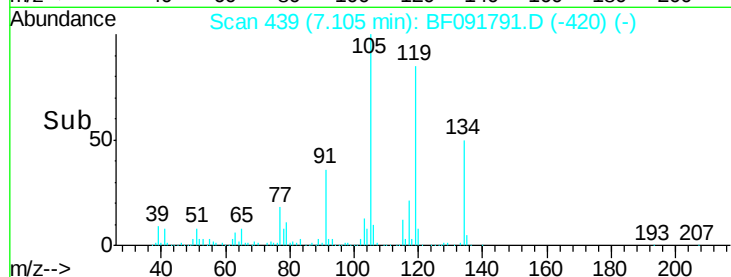
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

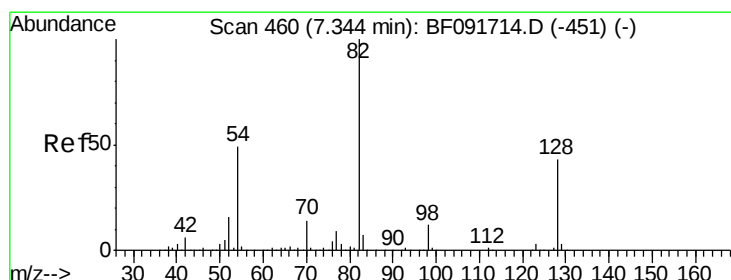
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 113.27 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091791.D

Acq: 19 Dec 2016 23:37

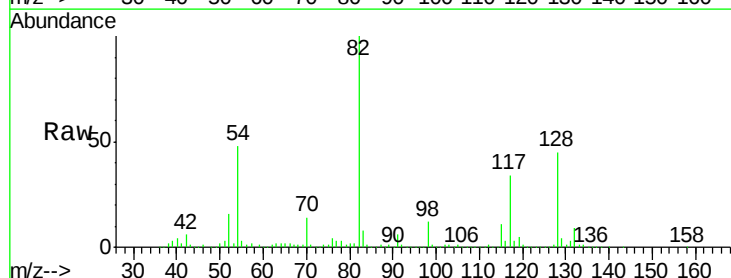
Tgt Ion: 82 Resp: 1769685

Ion Ratio Lower Upper

82 100

128 45.4 34.6 52.0

54 47.8 39.5 59.3

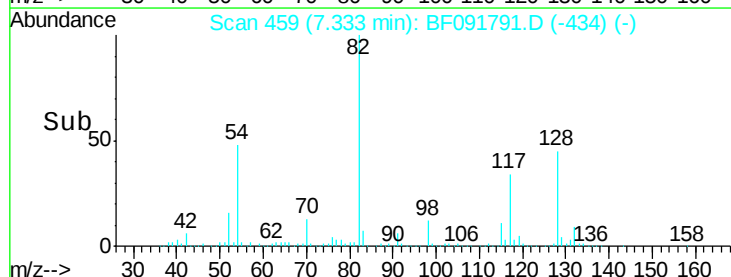


Abundance Ion 82.00 (81.70 to 82.70): BF0

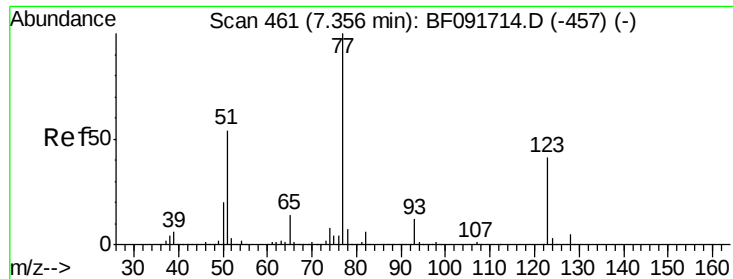
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->



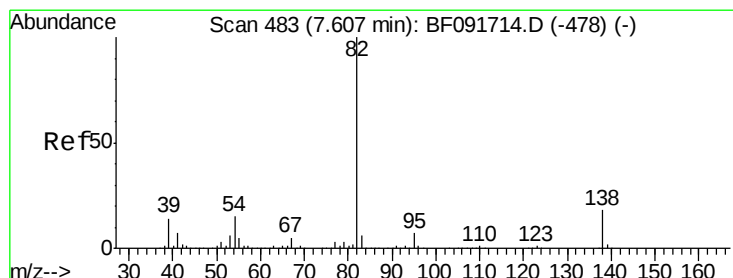
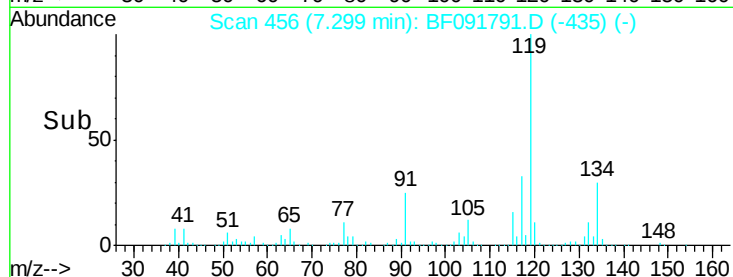
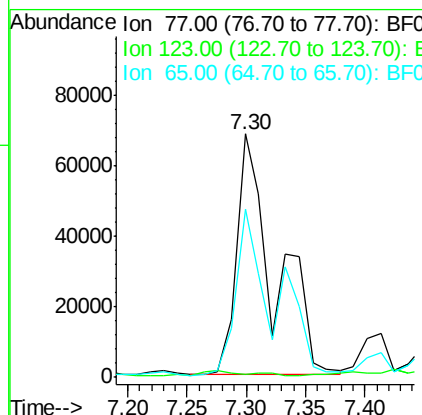
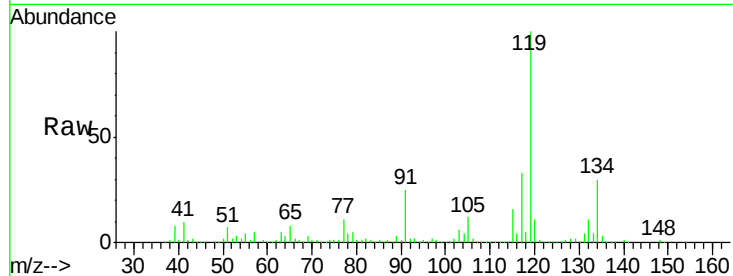
Time-->



#24
Nitrobenzene
Concen: 9.09 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.06 min
Lab File: BF091791.D
Acq: 19 Dec 2016 23:37

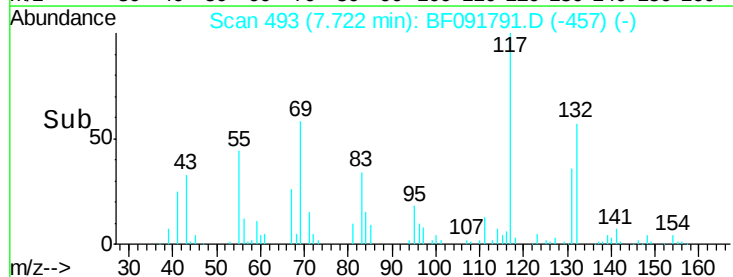
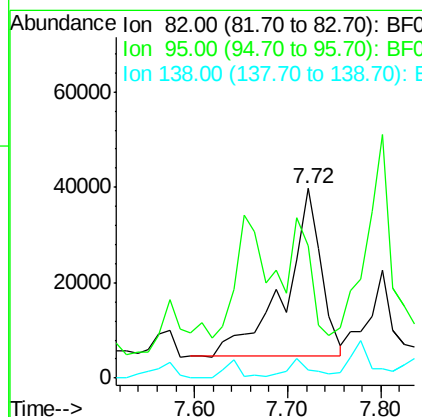
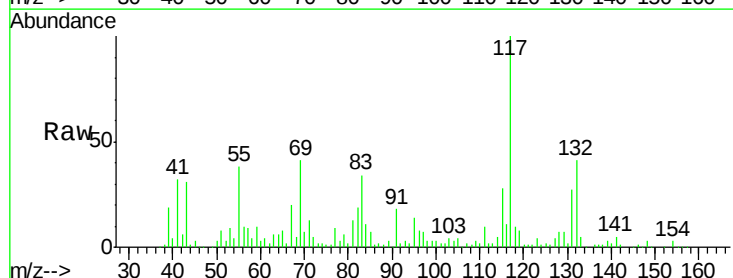
Instrument :
BNA_F
ClientSampleId :
MW-17

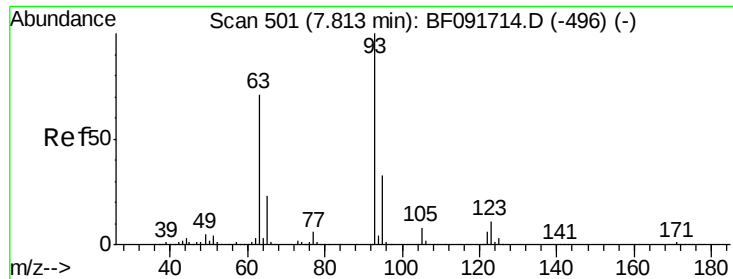
Tgt Ion: 77 Resp: 152580
Ion Ratio Lower Upper
77 100
123 1.2 33.0 49.4#
65 68.9 11.2 16.8#



#25
Isophorone
Concen: 3.19 ng
RT: 7.72 min Scan# 493
Delta R.T. 0.11 min
Lab File: BF091791.D
Acq: 19 Dec 2016 23:37

Tgt Ion: 82 Resp: 94994
Ion Ratio Lower Upper
82 100
95 70.0 5.6 8.4#
138 4.1 14.6 22.0#

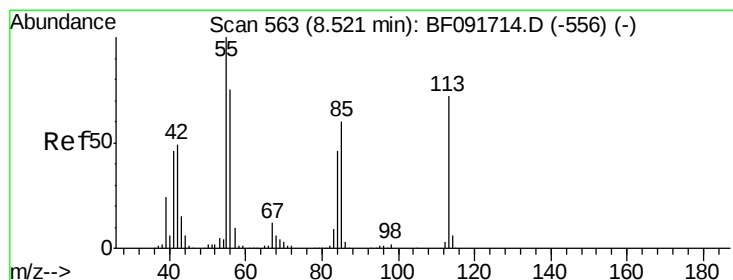
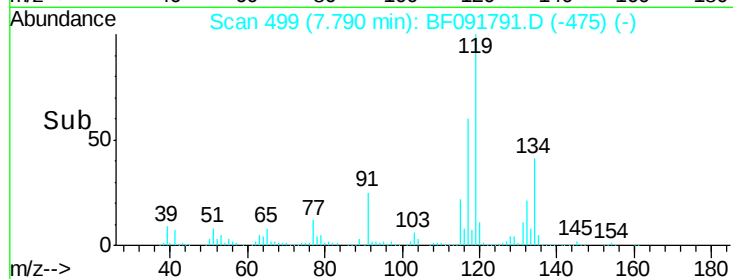
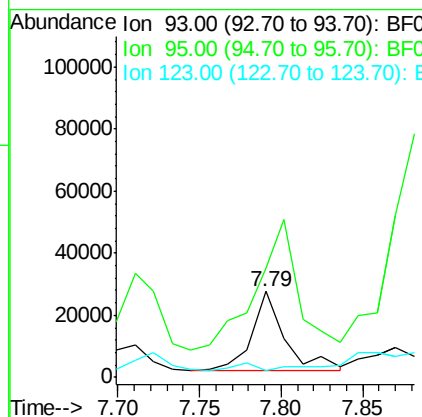
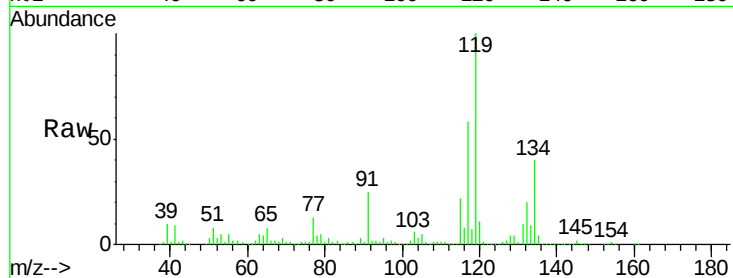




#28
bis(2-Chloroethoxy)methane
Concen: 2.09 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.02 min
Lab File: BF091791.D
Acq: 19 Dec 2016 23:37

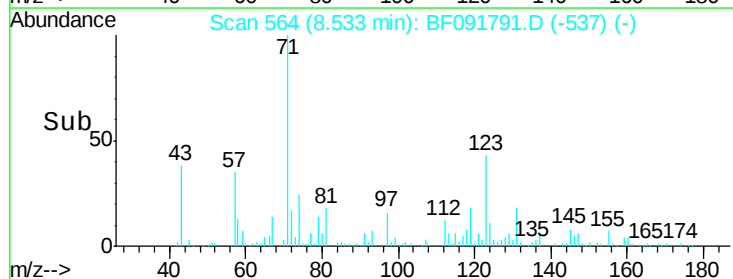
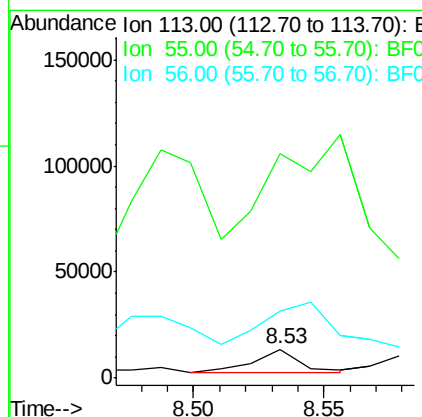
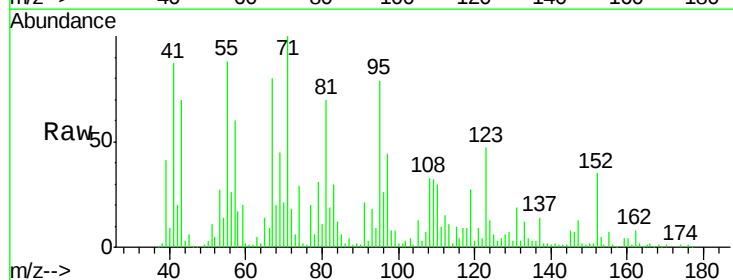
Instrument :
BNA_F
ClientSampleId :
MW-17

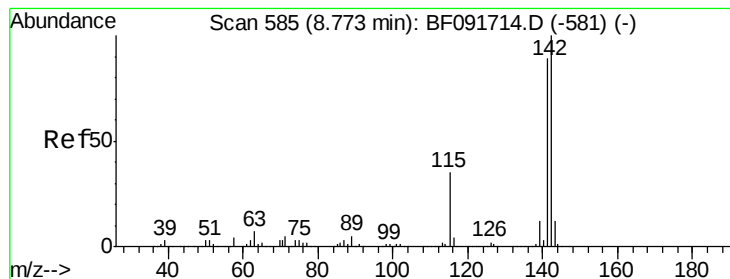
Tgt Ion: 93 Resp: 36418
Ion Ratio Lower Upper
93 100
95 126.3 26.5 39.7#
123 7.4 8.6 13.0#



#35
Caprolactam
Concen: 3.26 ng
RT: 8.53 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF091791.D
Acq: 19 Dec 2016 23:37

Tgt Ion: 113 Resp: 12776
Ion Ratio Lower Upper
113 100
55 782.4 119.2 159.2#
56 234.2 83.8 123.8#





#37

2-Methylnaphthalene

Concen: 7.02 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF091791.D

Acq: 19 Dec 2016 23:37

Instrument :

BNA_F

ClientSampleId :

MW-17

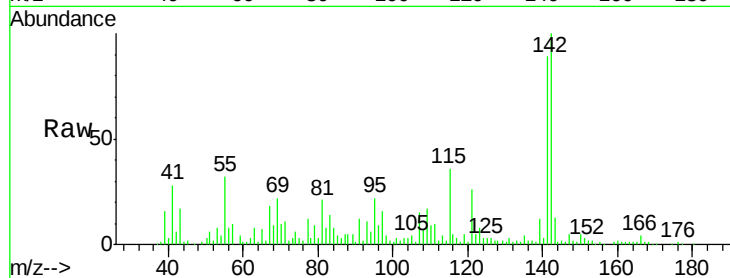
Tgt Ion:142 Resp: 190576

Ion Ratio Lower Upper

142 100

141 88.7 71.0 106.6

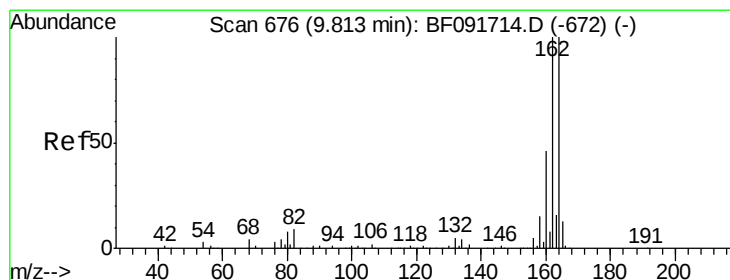
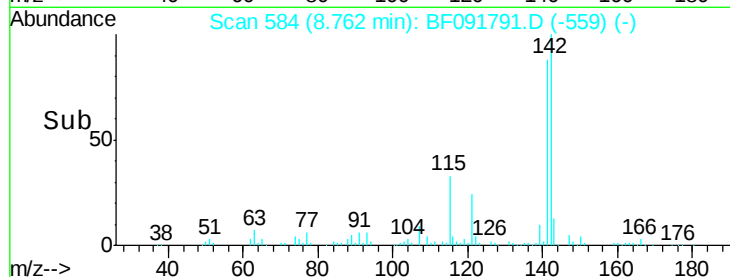
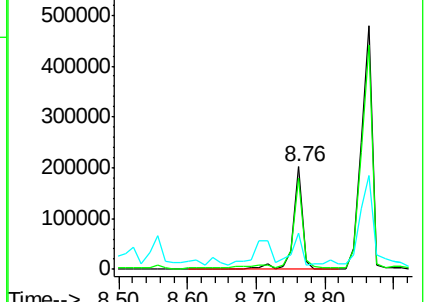
115 35.7 28.3 42.5



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: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091791.D

Acq: 19 Dec 2016 23:37

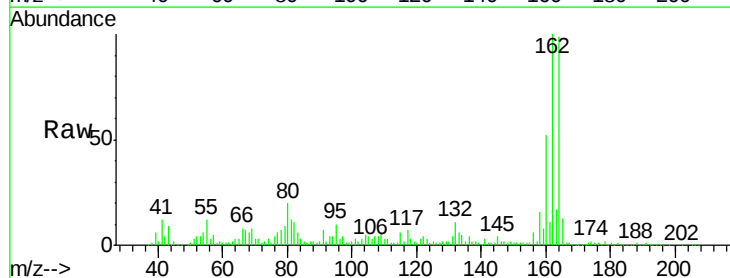
Tgt Ion:164 Resp: 492486

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

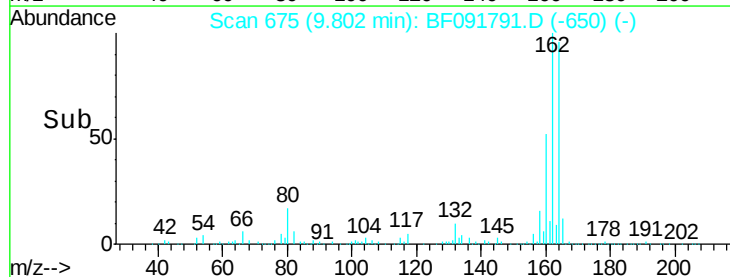
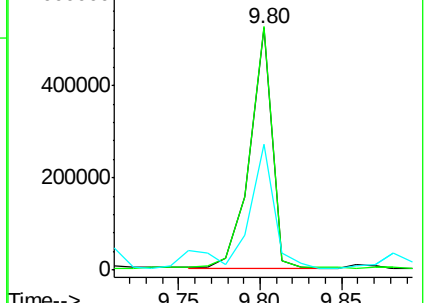
160 52.1 36.9 55.3

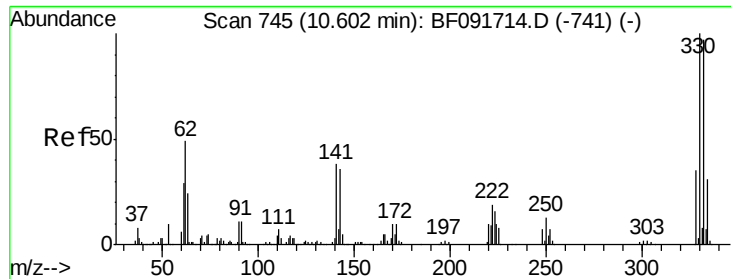


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

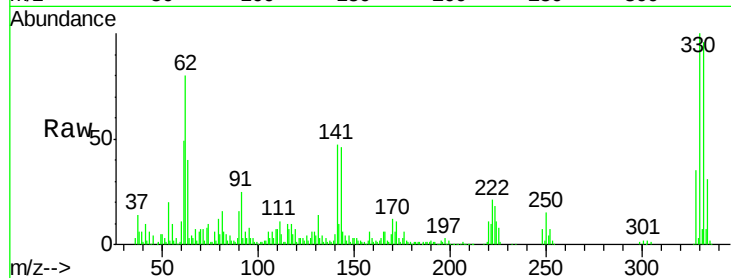




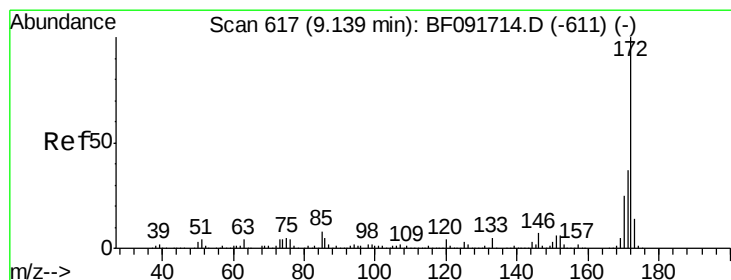
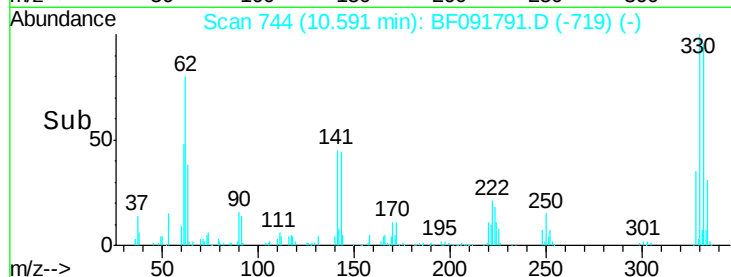
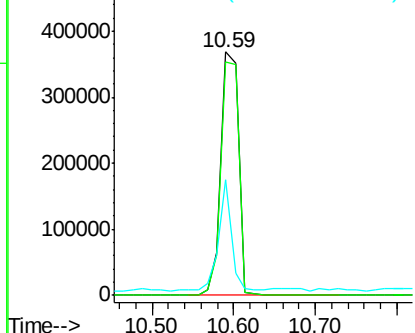
#41
 2,4,6-Tribromophenol
 Concen: 132.05 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091791.D
 Acq: 19 Dec 2016 23:37

Instrument :
 BNA_F
 ClientSampled :
 MW-17

Tgt Ion:330 Resp: 551458
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 33.8 34.1 51.1#

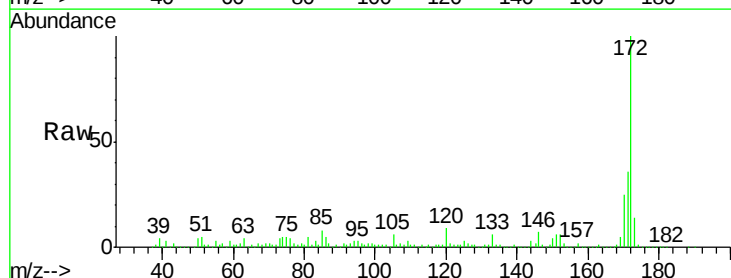


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

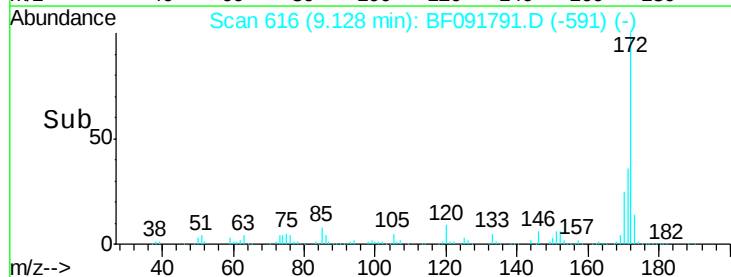
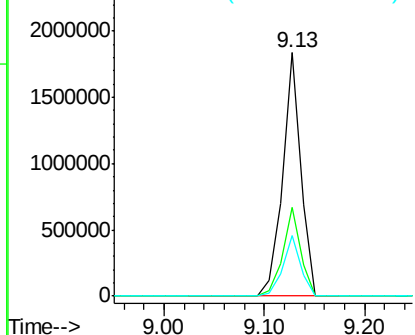


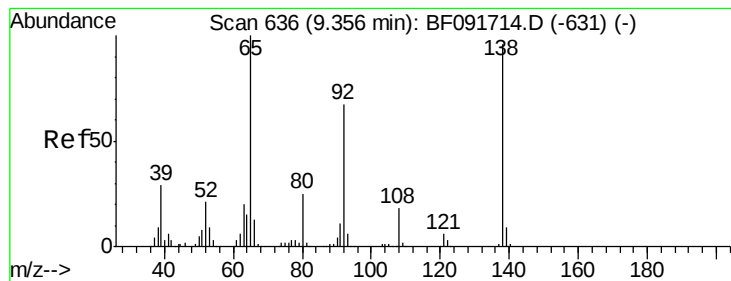
#44
 2-Fluorobiphenyl
 Concen: 93.80 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091791.D
 Acq: 19 Dec 2016 23:37

Tgt Ion:172 Resp: 2299415
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 25.0 20.2 30.4



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





#47

2-Nitroaniline

Concen: 2.33 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.03 min

Lab File: BF091791.D

Acq: 19 Dec 2016 23:37

Instrument :

BNA_F

ClientSampleId :

MW-17

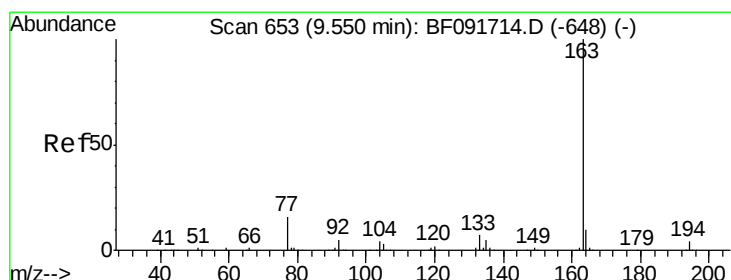
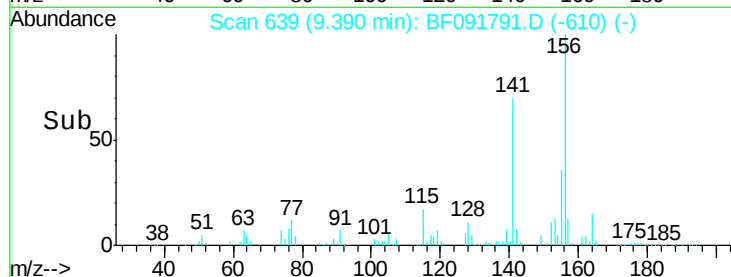
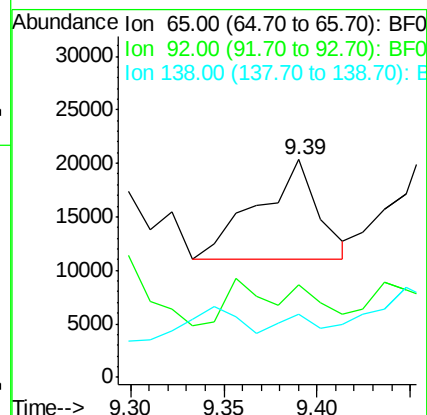
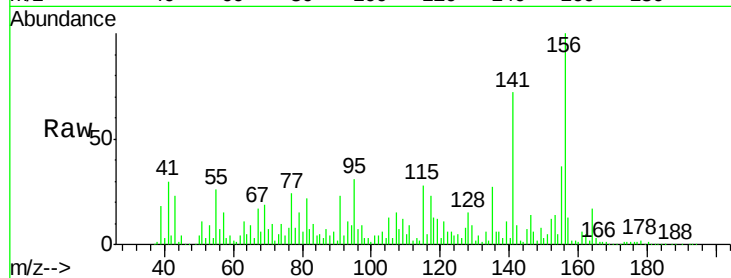
Tgt Ion: 65 Resp: 20995

Ion Ratio Lower Upper

65 100

92 42.6 53.9 80.9#

138 28.8 76.8 115.2#



#49

Dimethylphthalate

Concen: 5.21 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF091791.D

Acq: 19 Dec 2016 23:37

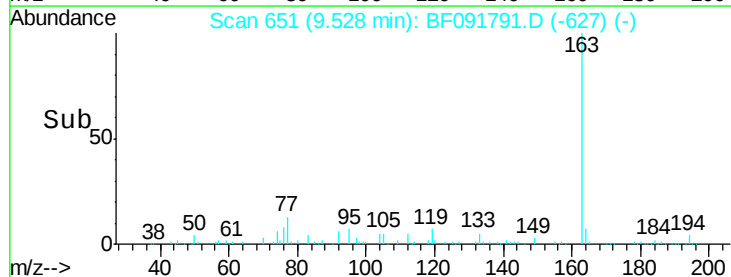
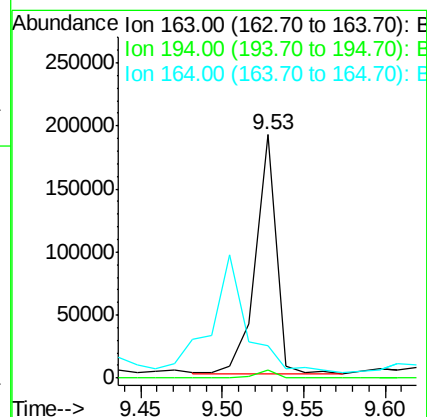
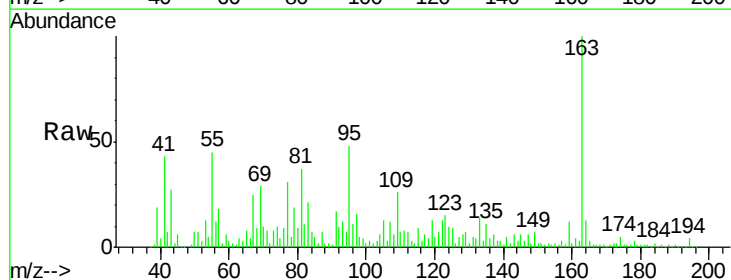
Tgt Ion: 163 Resp: 167538

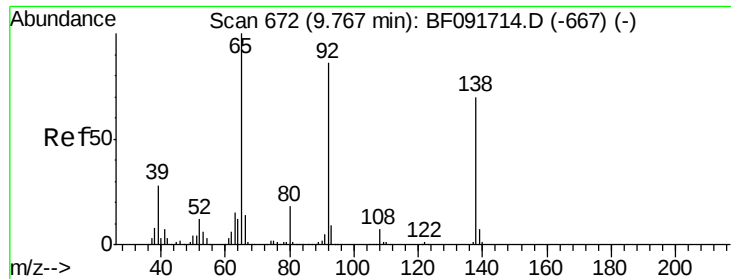
Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

164 13.4 8.0 12.0#





#52

3-Nitroaniline

Concen: 2.46 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.01 min

Lab File: BF091791.D

Acq: 19 Dec 2016 23:37

Instrument :

BNA_F

ClientSampleId :

MW-17

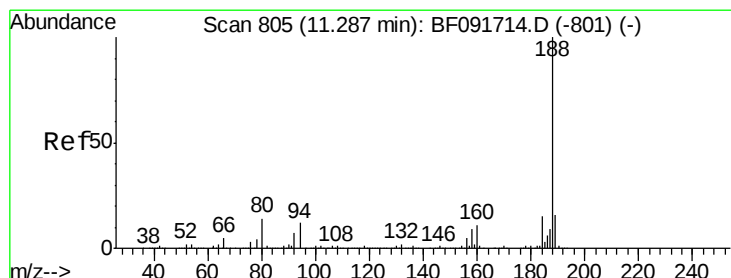
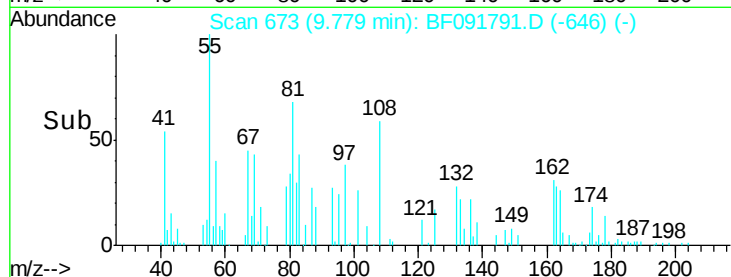
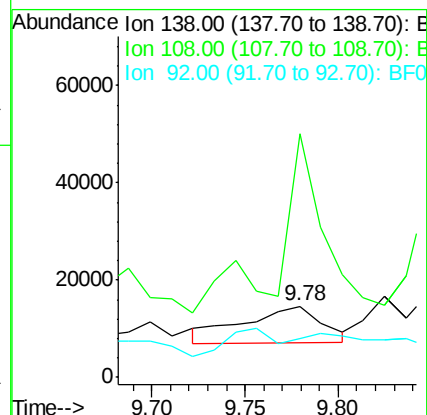
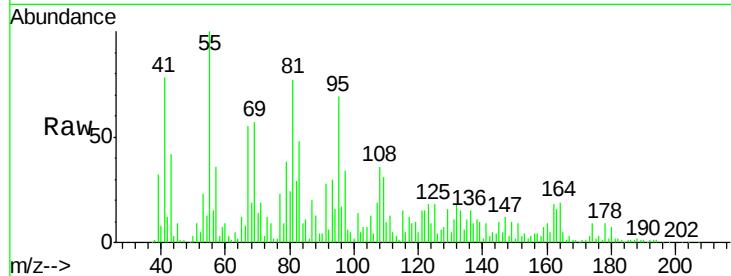
Tgt Ion:138 Resp: 21636

Ion Ratio Lower Upper

138 100

108 342.3 8.5 12.7#

92 53.8 97.8 146.8#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF091791.D

Acq: 19 Dec 2016 23:37

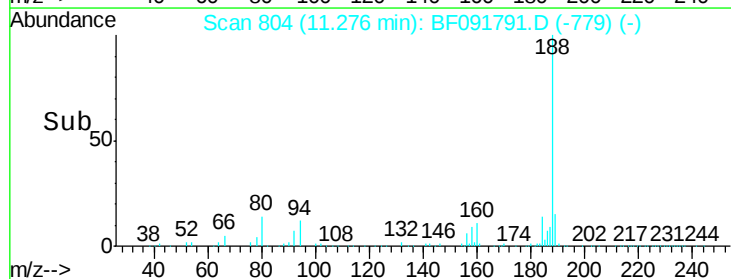
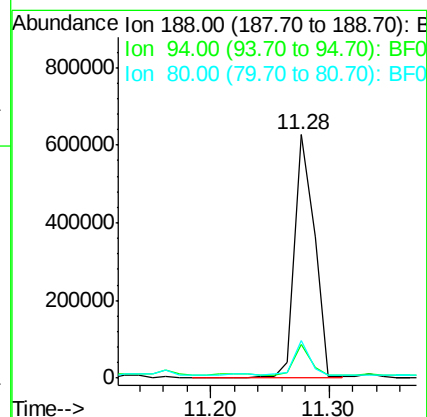
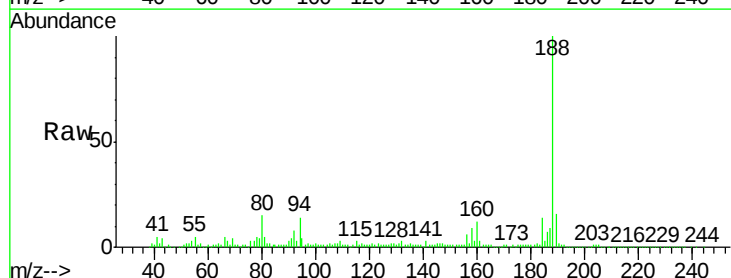
Tgt Ion:188 Resp: 713092

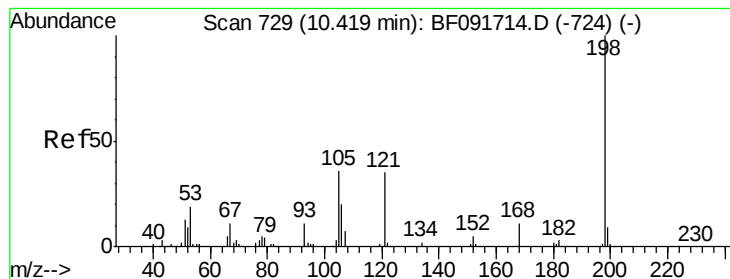
Ion Ratio Lower Upper

188 100

94 13.9 10.0 15.0

80 15.3 11.2 16.8





#64

4,6-Dinitro-2-methylphenol

Concen: 2.00 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF091791.D

Acq: 19 Dec 2016 23:37

Instrument :

BNA_F

ClientSampleId :

MW-17

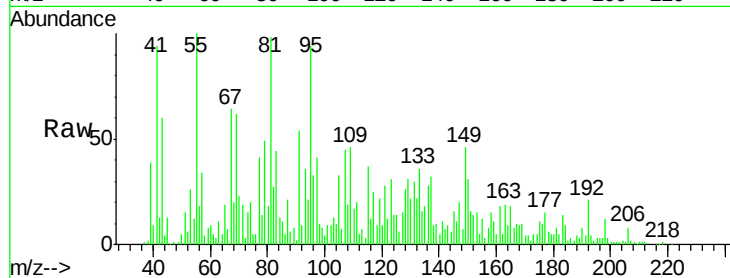
Tgt Ion:198 Resp: 9411

Ion Ratio Lower Upper

198 100

51 131.3 6.7 46.7#

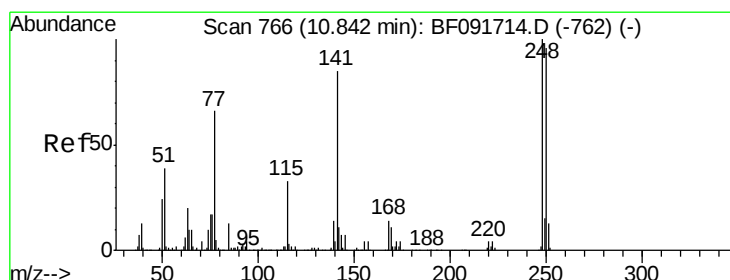
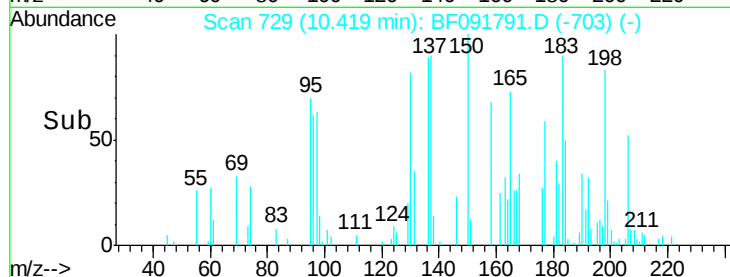
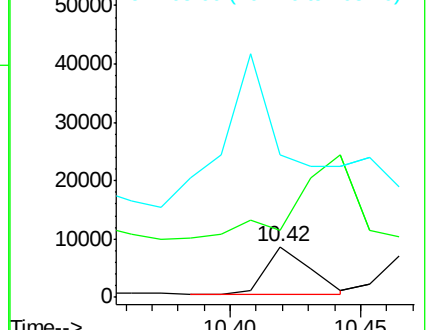
105 280.5 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.47 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.25 min

Lab File: BF091791.D

Acq: 19 Dec 2016 23:37

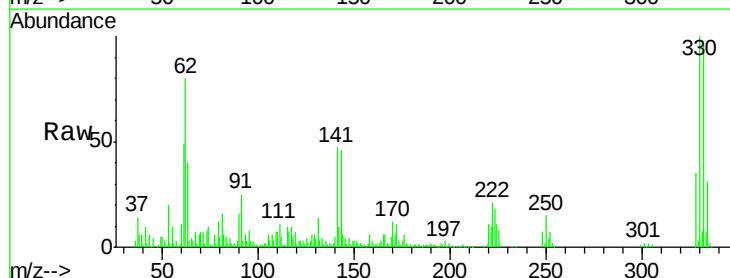
Tgt Ion:248 Resp: 33390

Ion Ratio Lower Upper

248 100

250 199.4 76.9 115.3#

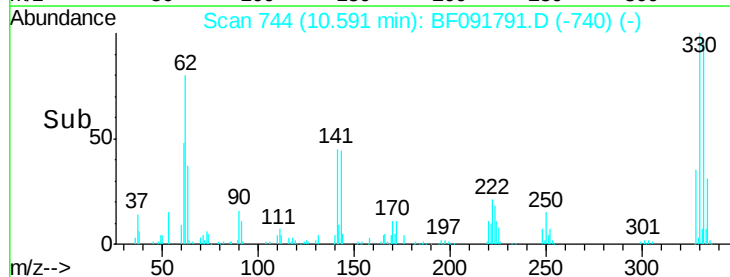
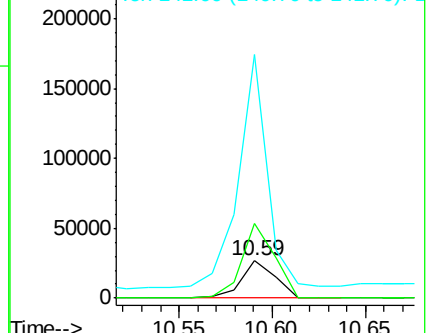
141 650.3 68.2 102.4#

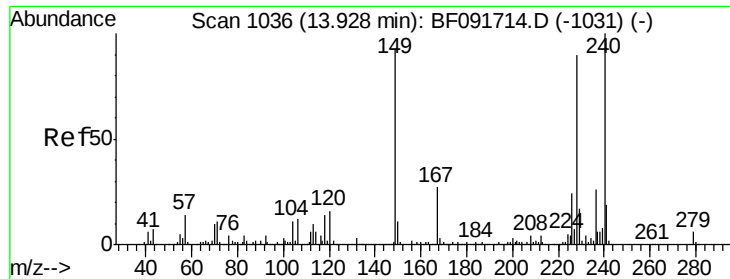


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF091791.D

Acq: 19 Dec 2016 23:37

Instrument :

BNA_F

ClientSampleId :

MW-17

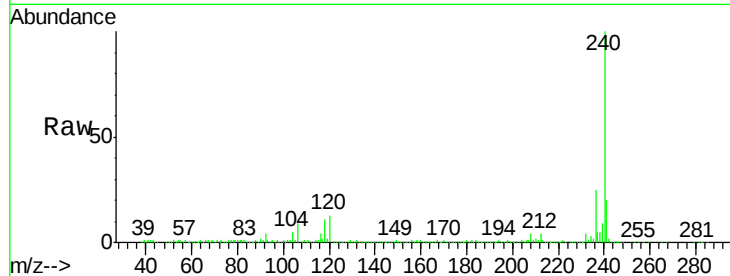
Tgt Ion:240 Resp: 569891

Ion Ratio Lower Upper

240 100

120 12.9 12.9 19.3#

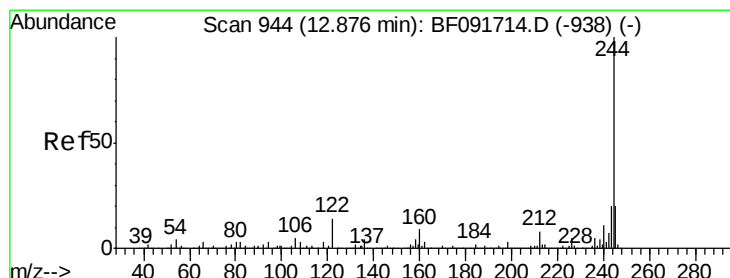
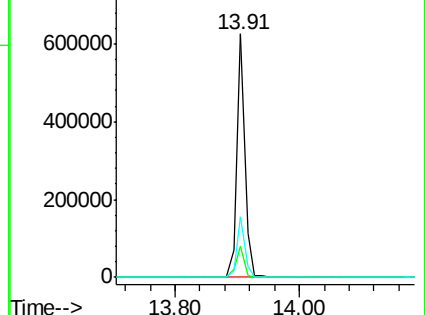
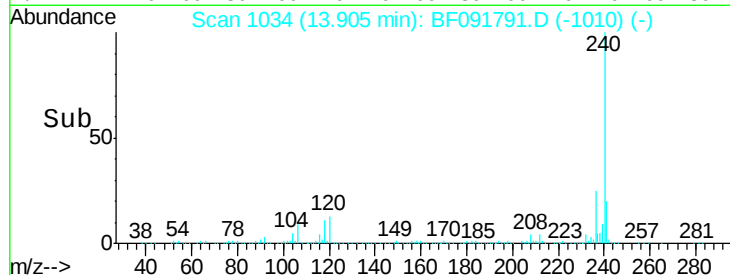
236 25.1 20.9 31.3



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: 85.28 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091791.D

Acq: 19 Dec 2016 23:37

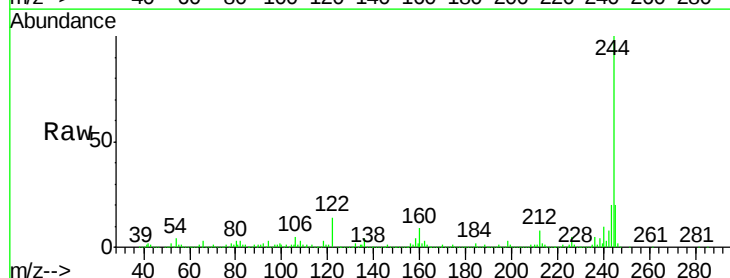
Tgt Ion:244 Resp: 1924740

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

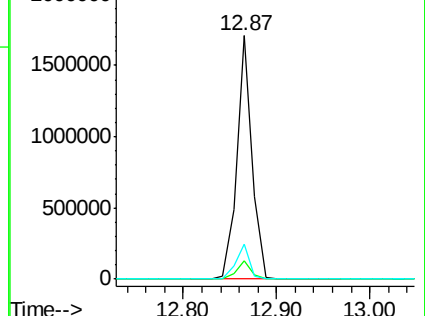
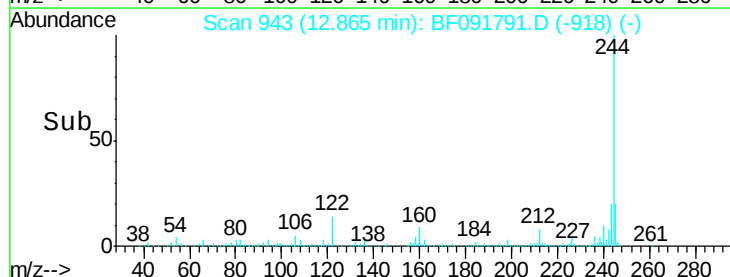
122 14.1 11.4 17.2

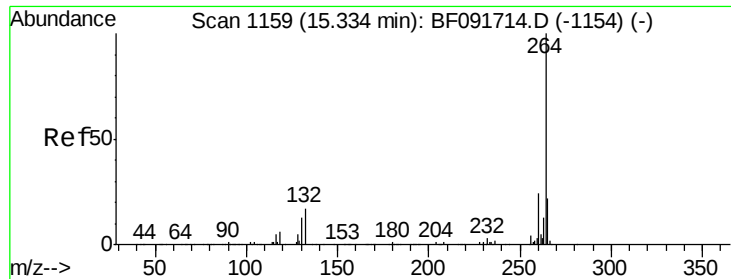


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

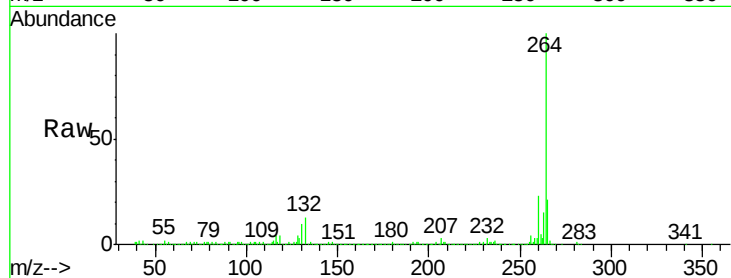




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF091791.D
Acq: 19 Dec 2016 23:37

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion: 264 Resp: 467461
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.1 17.4 26.0



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

