

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
 Data File : BF091788.D
 Acq On : 19 Dec 2016 22:15
 Operator : UM/SJ
 Sample : H6011-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Quant Time: Dec 20 00:00:25 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

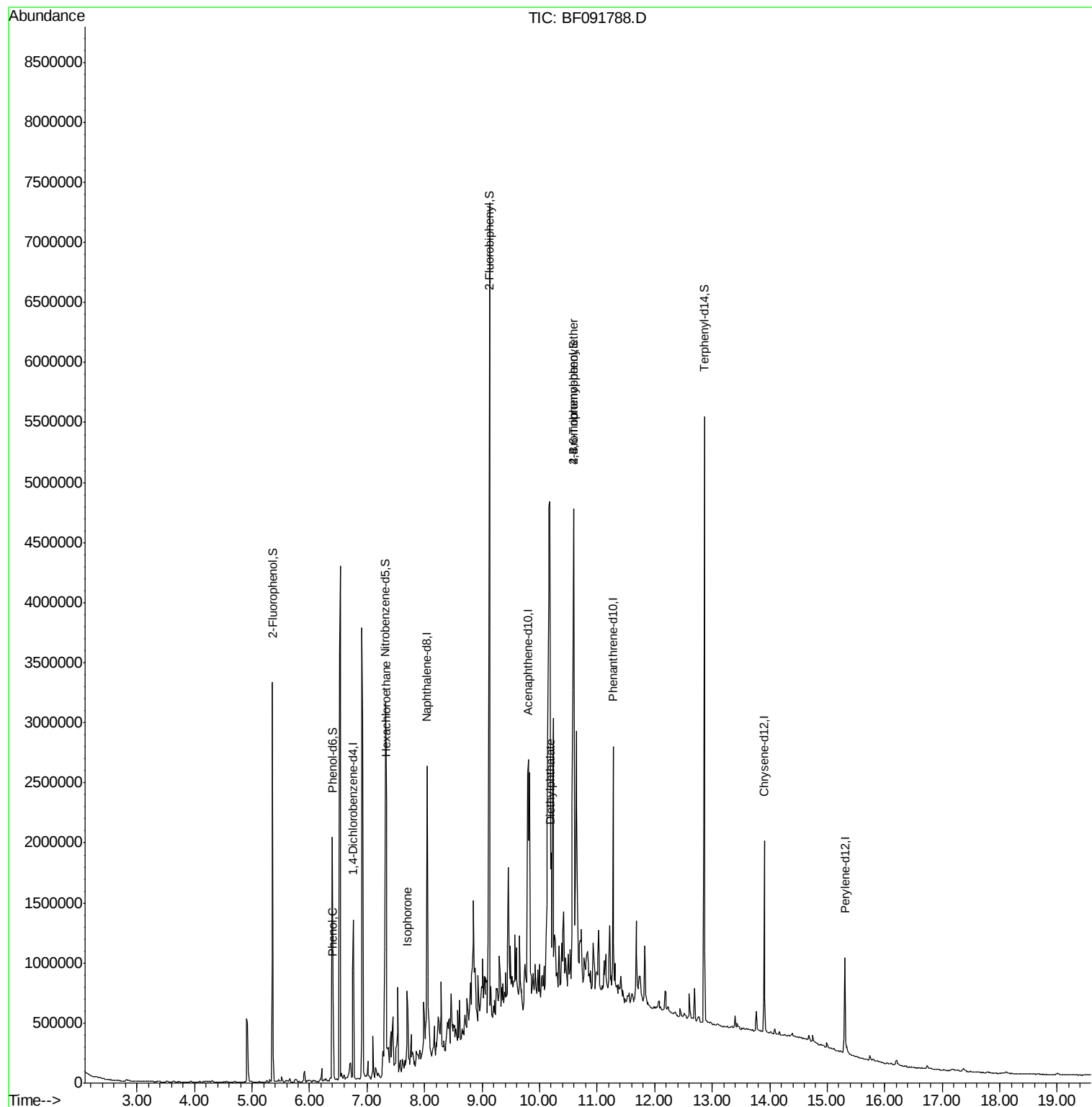
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	261249	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	997066	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	487421	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	748978	20.00	ng	-0.01
75) Chrysene-d12	13.90	240	546823	20.00	ng	-0.02
86) Perylene-d12	15.31	264	468534	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	914086	58.62	ng	-0.01
7) Phenol-d6	6.40	99	693443	36.46	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1489114	86.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	490423	118.66	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2392494	98.61	ng	-0.01
78) Terphenyl-d14	12.86	244	1680821	77.61	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.30	77	1456	Below Cal		Qvalue 85
10) Phenol	6.41	94	55198	2.58 ng		83
18) Hexachloroethane	7.33	117	59093	8.34 ng	#	9
25) Isophorone	7.70	82	82213	2.49 ng	#	27
59) Diethylphthalate	10.19	149	167745	5.36 ng	#	56
66) 4-Bromophenyl-phenylether	10.59	248	33247	4.23 ng	#	1

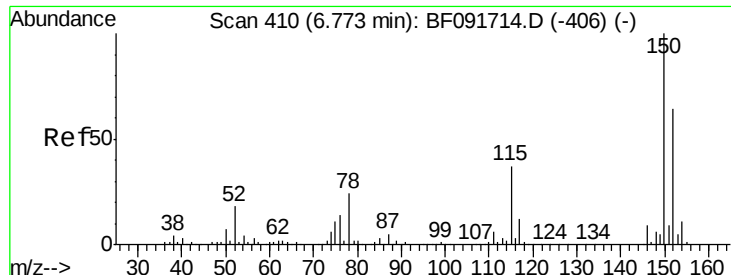
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091788.D

Acq: 19 Dec 2016 22:15

Instrument :

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ClientSampleId :

MW-08

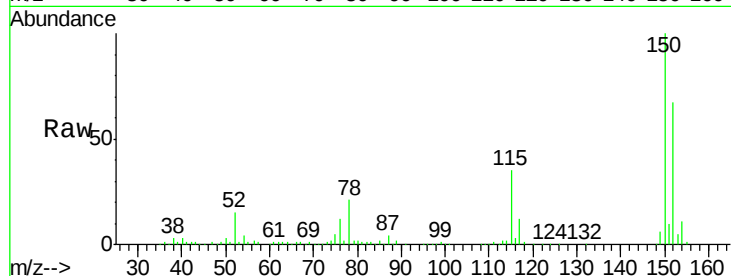
Tgt Ion:152 Resp: 261249

Ion Ratio Lower Upper

152 100

150 149.4 124.9 187.3

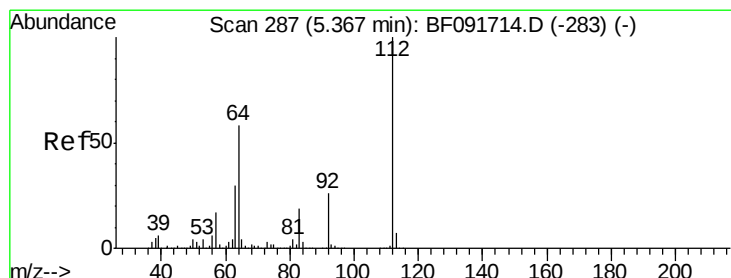
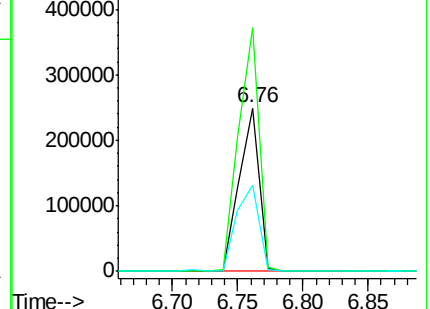
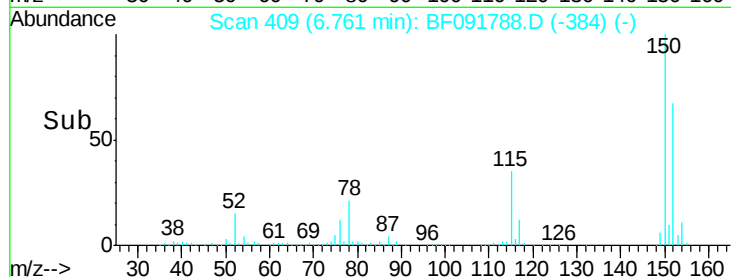
115 52.7 46.0 69.0



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: 58.62 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF091788.D

Acq: 19 Dec 2016 22:15

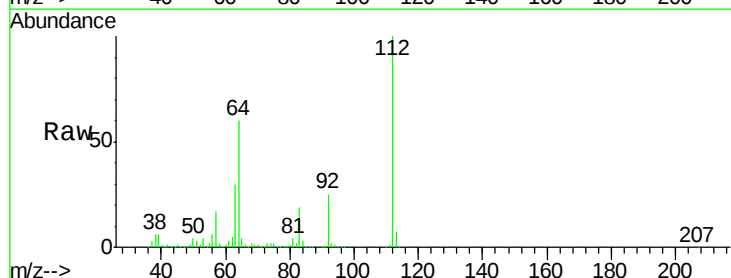
Tgt Ion:112 Resp: 914086

Ion Ratio Lower Upper

112 100

64 59.6 46.1 69.1

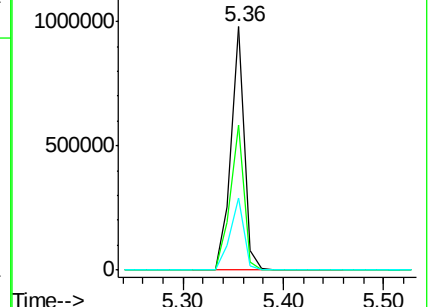
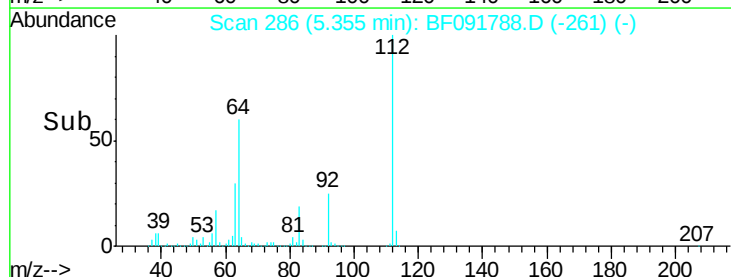
63 29.8 23.8 35.6

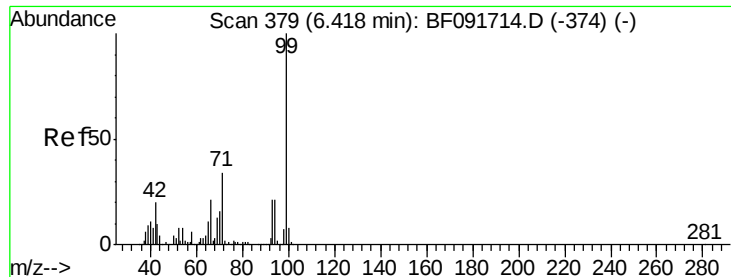


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.46 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091788.D

Acq: 19 Dec 2016 22:15

Instrument :

BNA_F

ClientSampleId :

MW-08

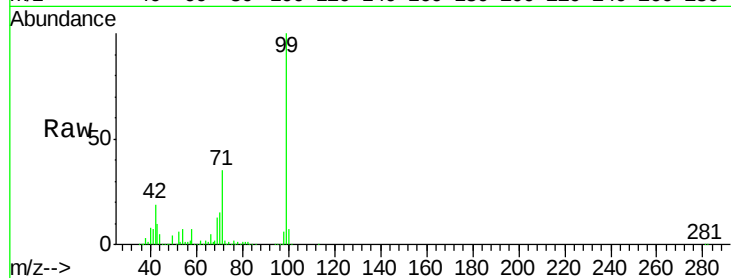
Tgt Ion: 99 Resp: 693443

Ion Ratio Lower Upper

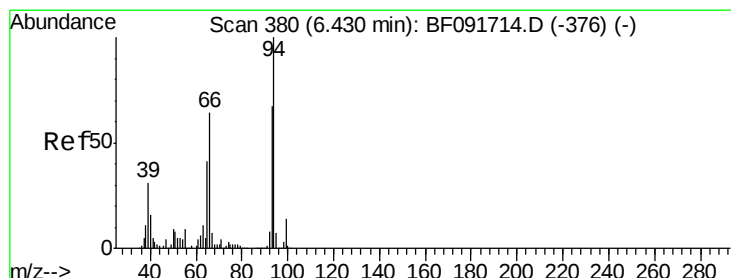
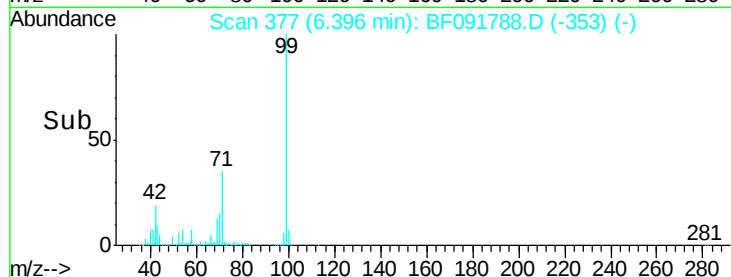
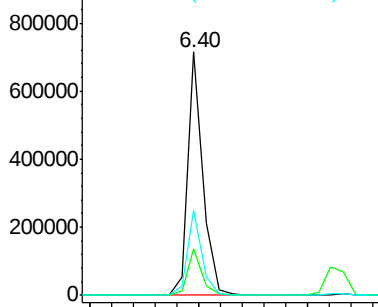
99 100

42 19.2 15.6 23.4

71 34.9 27.5 41.3



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



#10

Phenol

Concen: 2.58 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF091788.D

Acq: 19 Dec 2016 22:15

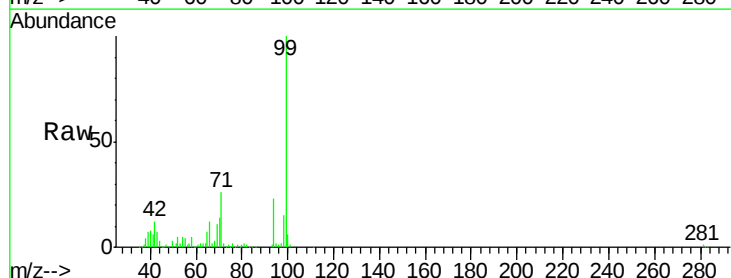
Tgt Ion: 94 Resp: 55198

Ion Ratio Lower Upper

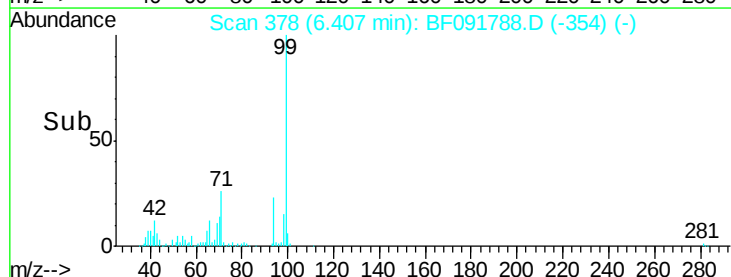
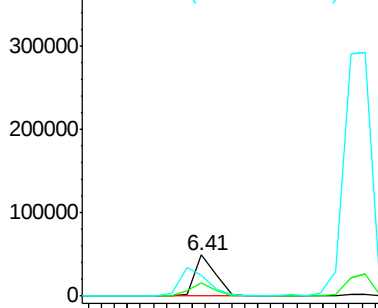
94 100

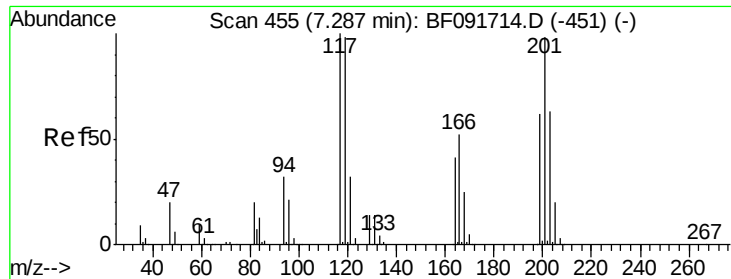
65 31.2 21.4 61.4

66 50.8 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#18

Hexachloroethane

Concen: 8.34 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.05 min

Lab File: BF091788.D

Acq: 19 Dec 2016 22:15

Instrument :

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ClientSampleId :

MW-08

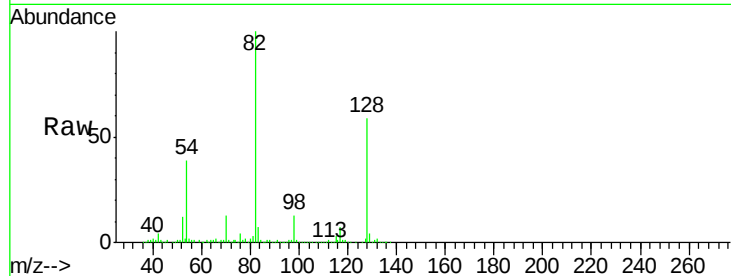
Tgt Ion:117 Resp: 59093

Ion Ratio Lower Upper

117 100

119 16.9 78.1 117.1#

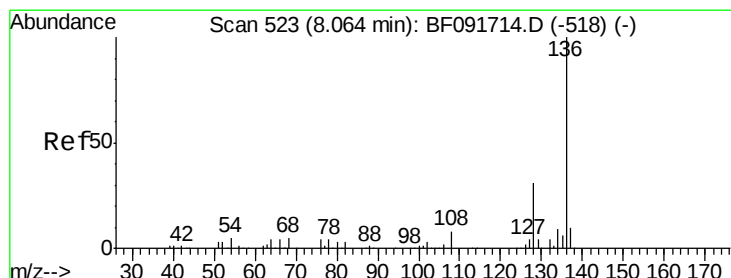
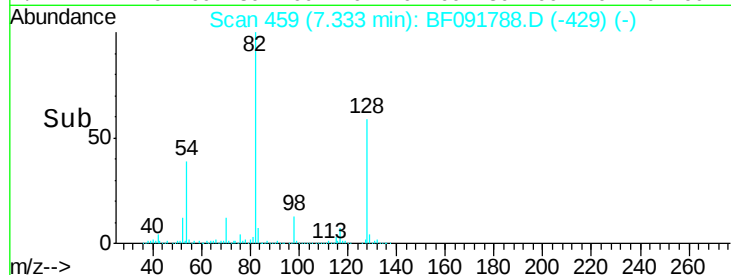
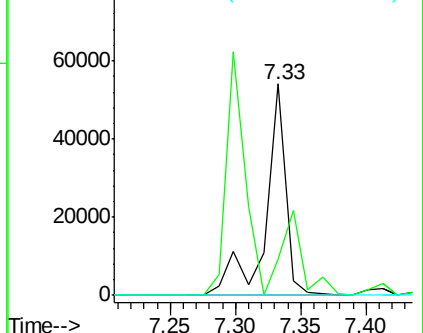
201 0.0 78.6 117.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091788.D

Acq: 19 Dec 2016 22:15

Tgt Ion:136 Resp: 997066

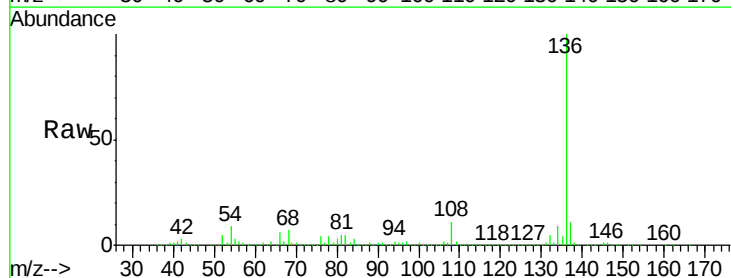
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 9.4 4.5 6.7#

68 7.5 3.6 5.4#

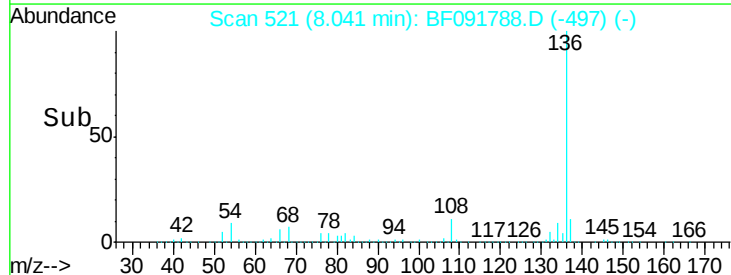
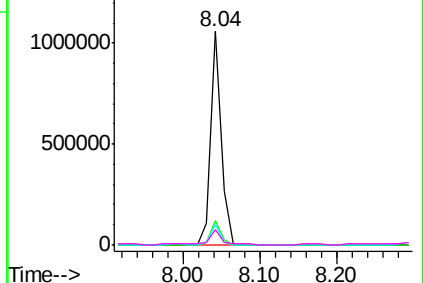


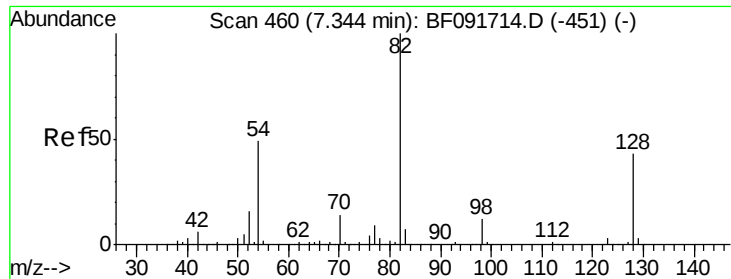
Abundance Ion 136.00 (135.70 to 136.70): E

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

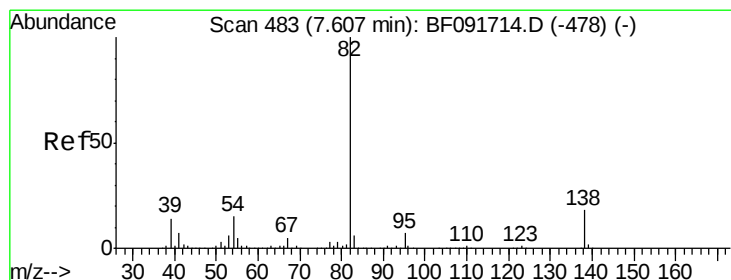
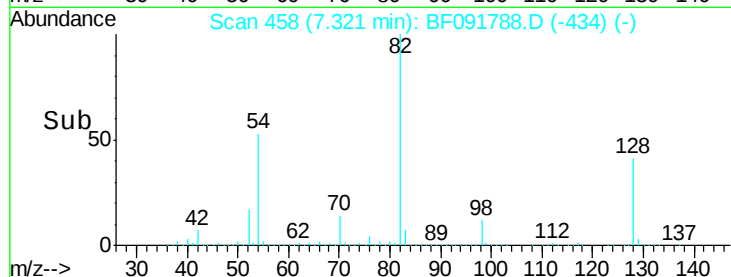
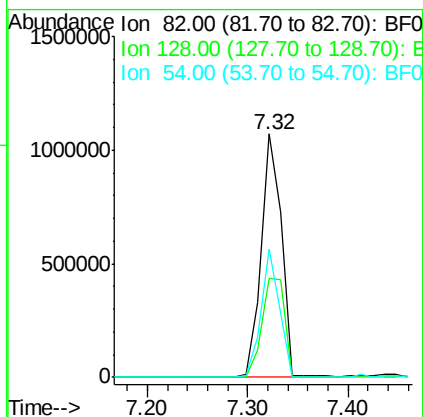
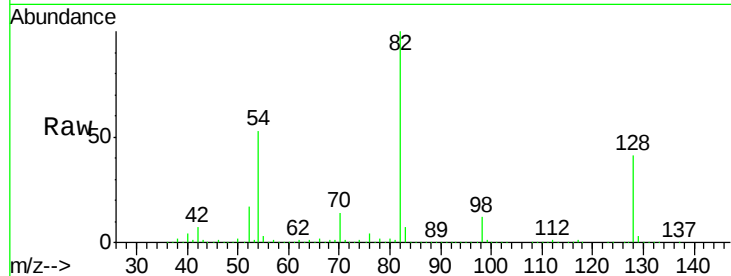




#23
Nitrobenzene-d5
Concen: 86.13 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091788.D
Acq: 19 Dec 2016 22:15

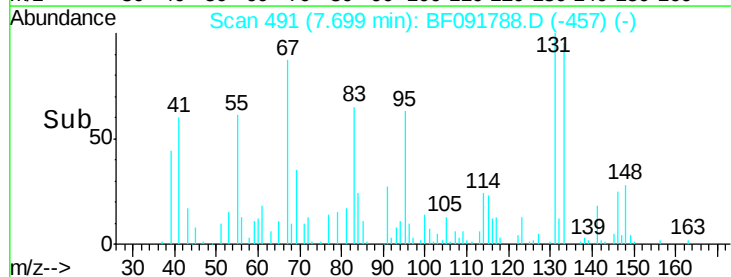
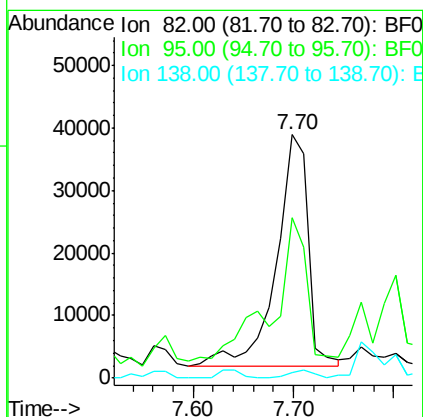
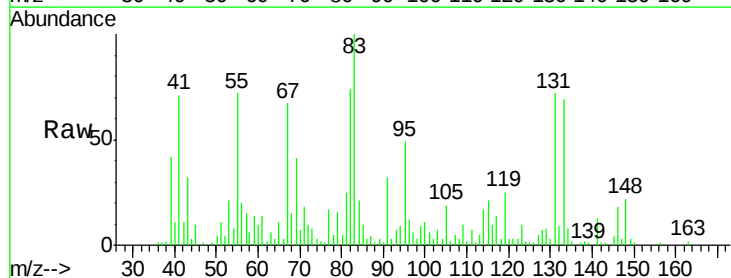
Instrument :
BNA_F
ClientSampleId :
MW-08

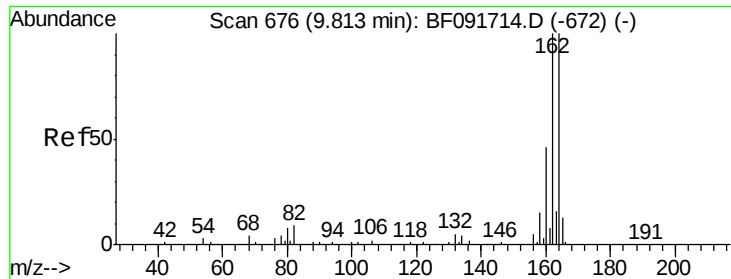
Tgt Ion: 82 Resp: 1489114
Ion Ratio Lower Upper
82 100
128 40.7 34.6 52.0
54 52.6 39.5 59.3



#25
Isophorone
Concen: 2.49 ng
RT: 7.70 min Scan# 491
Delta R.T. 0.09 min
Lab File: BF091788.D
Acq: 19 Dec 2016 22:15

Tgt Ion: 82 Resp: 82213
Ion Ratio Lower Upper
82 100
95 65.8 5.6 8.4#
138 2.5 14.6 22.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091788.D

Acq: 19 Dec 2016 22:15

Instrument :

BNA_F

ClientSampleId :

MW-08

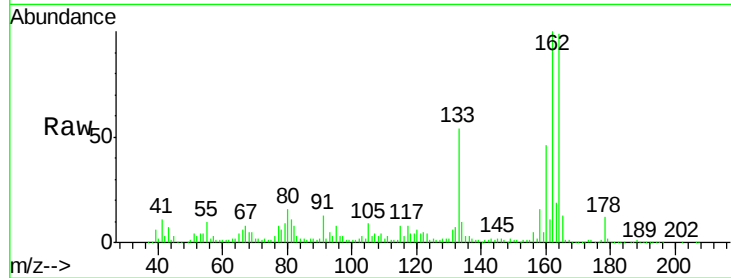
Tgt Ion:164 Resp: 487421

Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

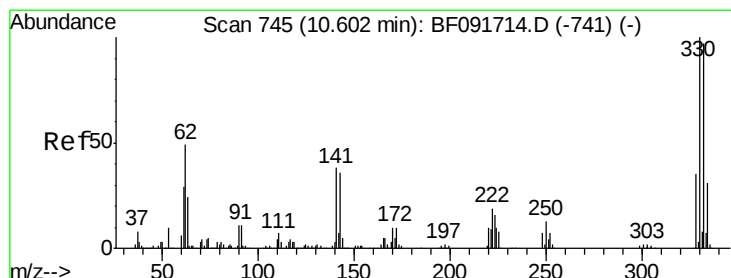
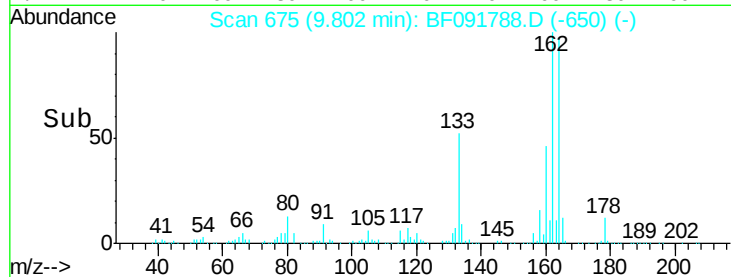
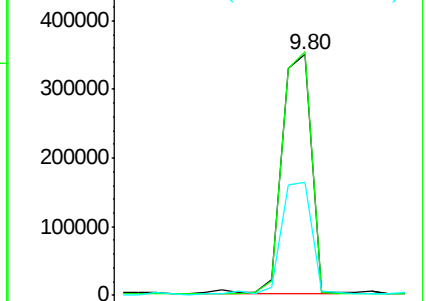
160 46.9 36.9 55.3



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: 118.66 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091788.D

Acq: 19 Dec 2016 22:15

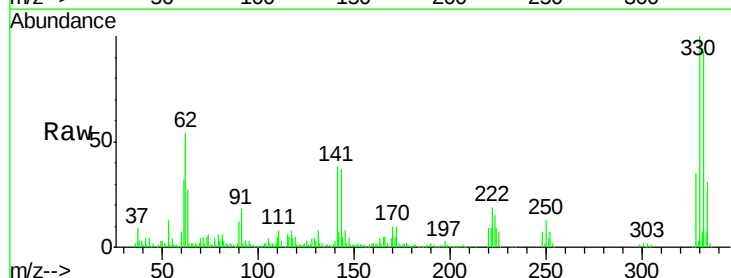
Tgt Ion:330 Resp: 490423

Ion Ratio Lower Upper

330 100

332 94.7 77.4 116.2

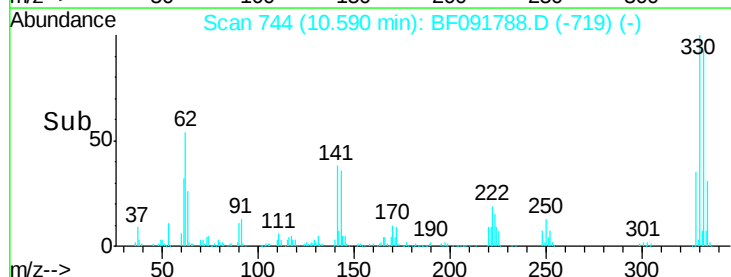
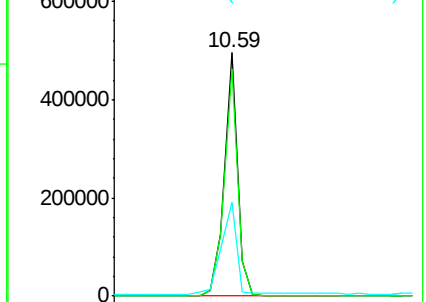
141 42.6 34.1 51.1

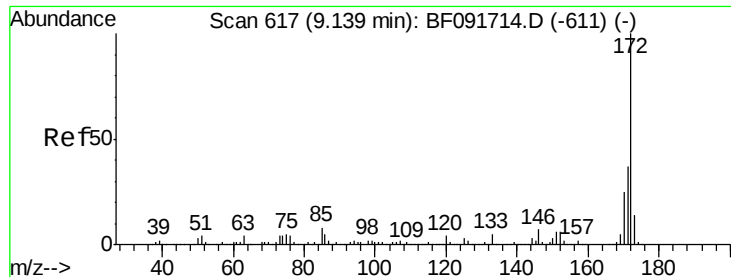


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

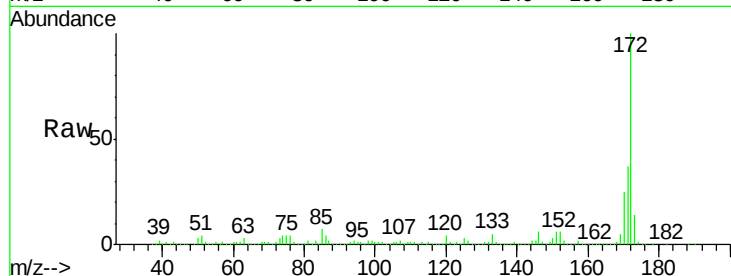




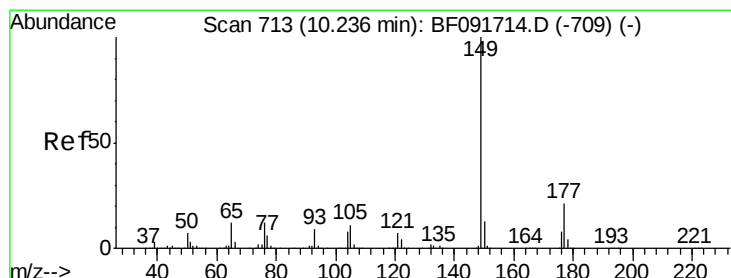
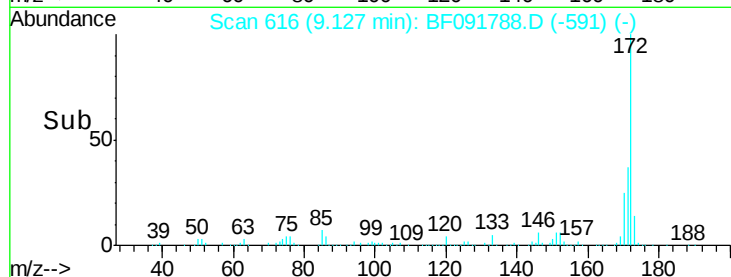
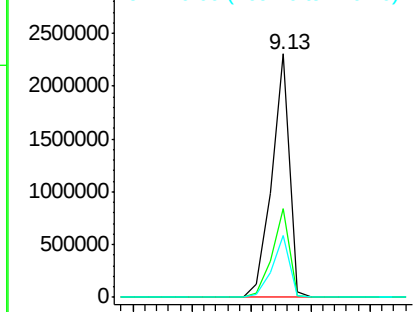
#44
2-Fluorobiphenyl
Concen: 98.61 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091788.D
Acq: 19 Dec 2016 22:15

Instrument :
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ClientSampleId :
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Tgt Ion:172 Resp: 2392494
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 25.2 20.2 30.4

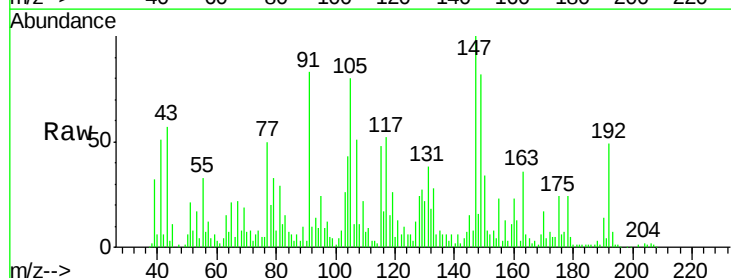


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

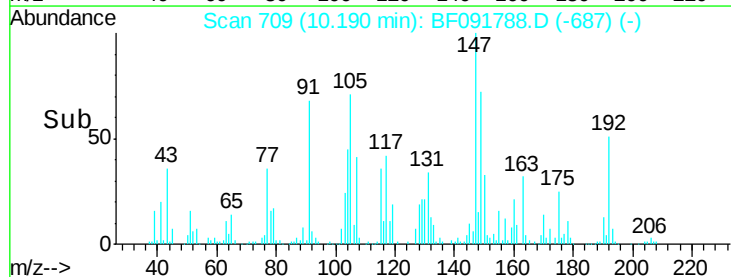
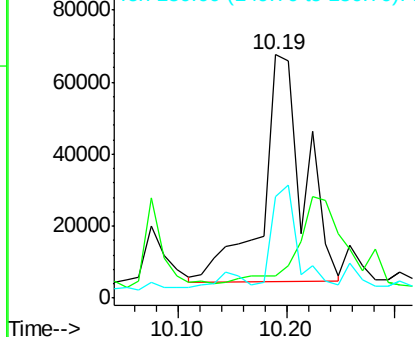


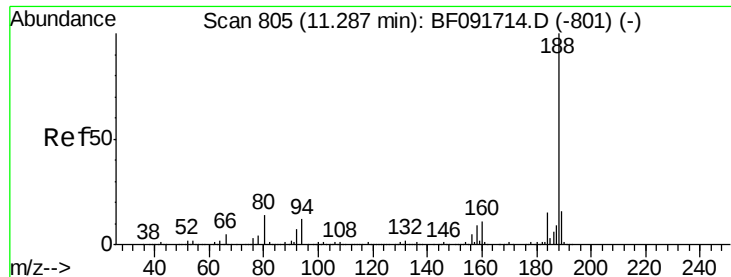
#59
Diethylphthalate
Concen: 5.36 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.05 min
Lab File: BF091788.D
Acq: 19 Dec 2016 22:15

Tgt Ion:149 Resp: 167745
Ion Ratio Lower Upper
149 100
177 8.9 16.6 25.0#
150 41.8 10.4 15.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

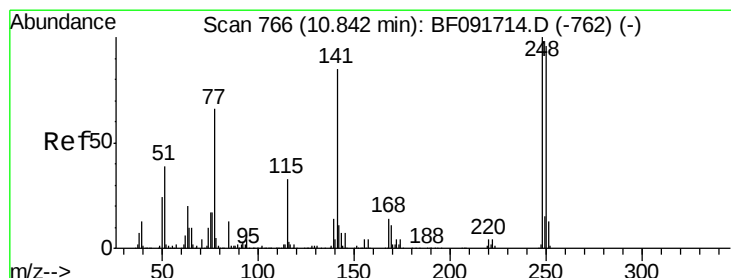
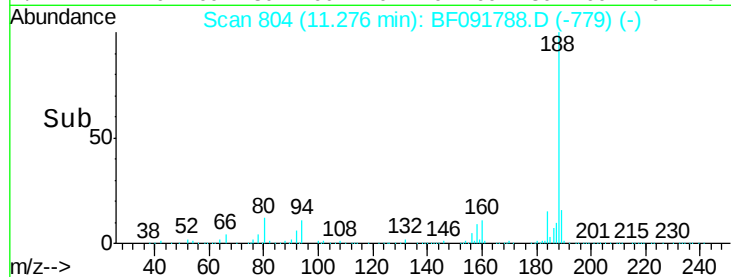
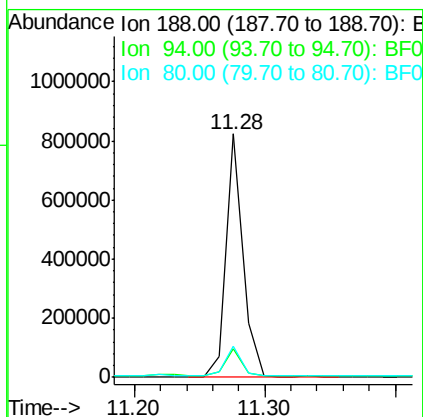
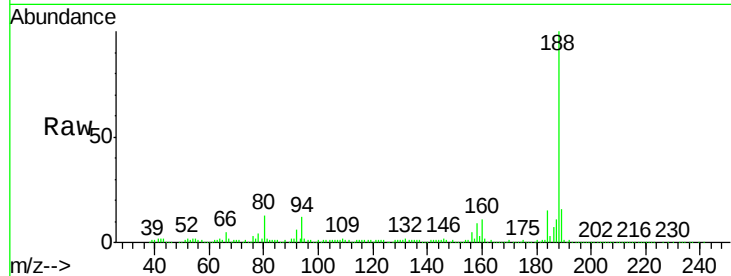




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF091788.D
 Acq: 19 Dec 2016 22:15

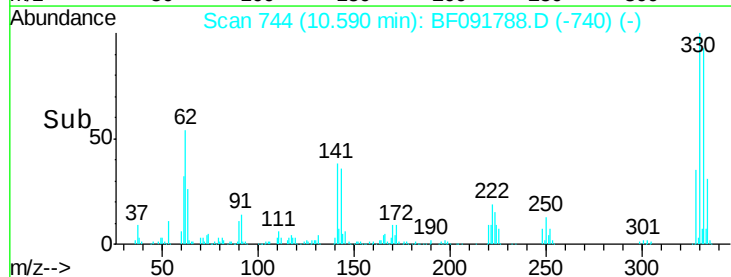
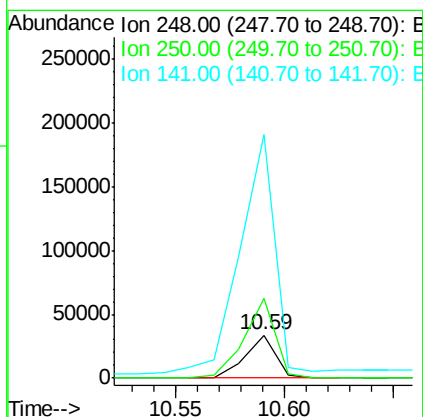
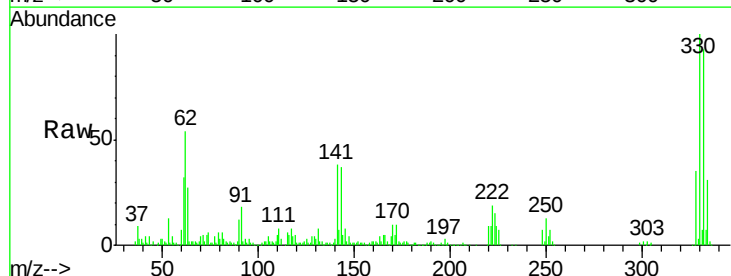
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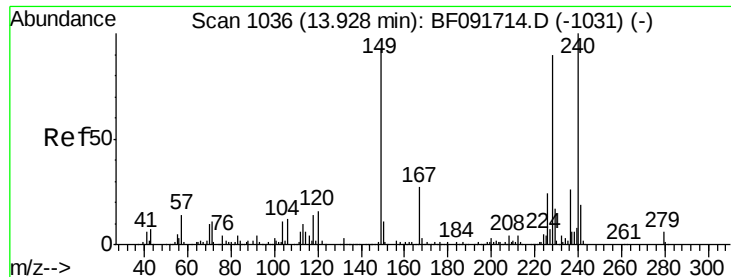
Tgt Ion:188 Resp: 748978
 Ion Ratio Lower Upper
 188 100
 94 11.7 10.0 15.0
 80 12.9 11.2 16.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.23 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.25 min
 Lab File: BF091788.D
 Acq: 19 Dec 2016 22:15

Tgt Ion:248 Resp: 33247
 Ion Ratio Lower Upper
 248 100
 250 186.0 76.9 115.3#
 141 564.4 68.2 102.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF091788.D

Acq: 19 Dec 2016 22:15

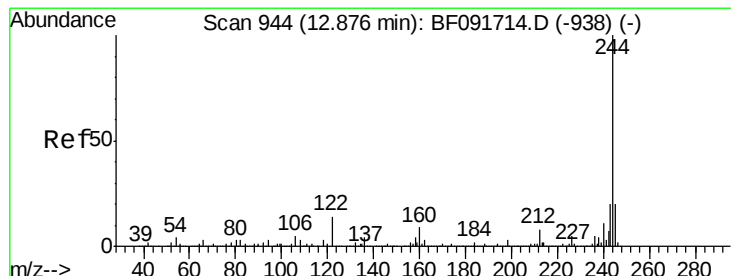
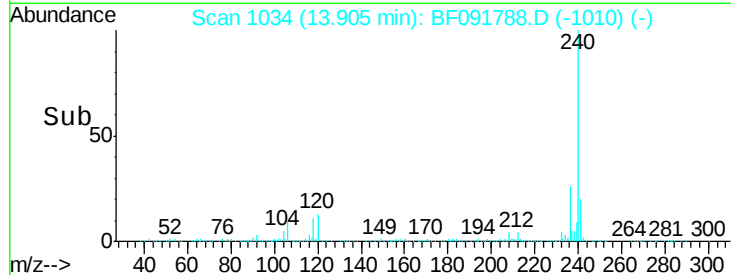
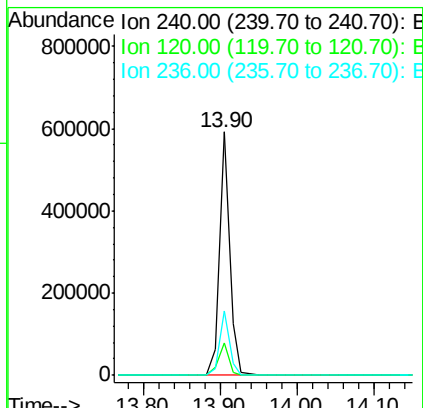
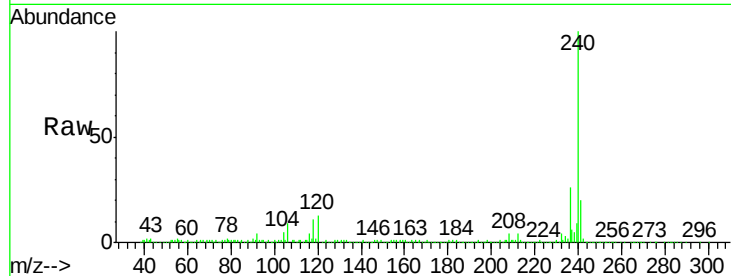
Instrument :

BNA_F

ClientSampleId :

MW-08

Tgt Ion:	240	Resp:	546823
Ion Ratio	Lower	Upper	
240	100		
120	13.2	12.9	19.3
236	26.3	20.9	31.3



#78

Terphenyl-d14

Concen: 77.61 ng

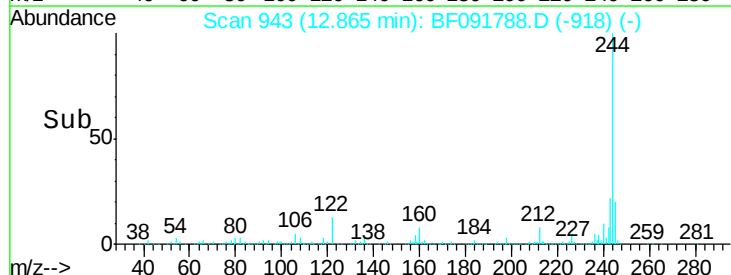
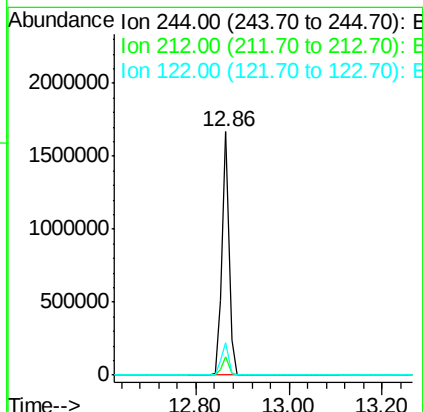
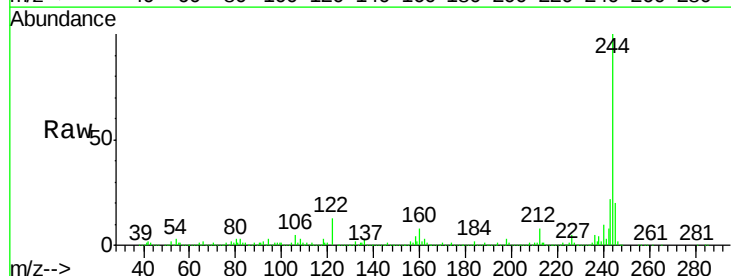
RT: 12.86 min Scan# 943

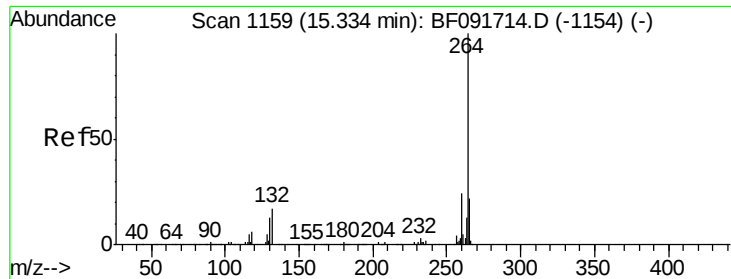
Delta R.T. -0.01 min

Lab File: BF091788.D

Acq: 19 Dec 2016 22:15

Tgt Ion:	244	Resp:	1680821
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.2	9.2
122	13.3	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF091788.D
Acq: 19 Dec 2016 22:15

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion: 264 Resp: 468534
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.7 17.4 26.0

