

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
 Data File : BF091479.D
 Acq On : 7 Dec 2016 19:47
 Operator : UM/SJ
 Sample : H5885-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2A-120516

Quant Time: Dec 08 00:54:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 00:35:13 2016
 Response via : Initial Calibration

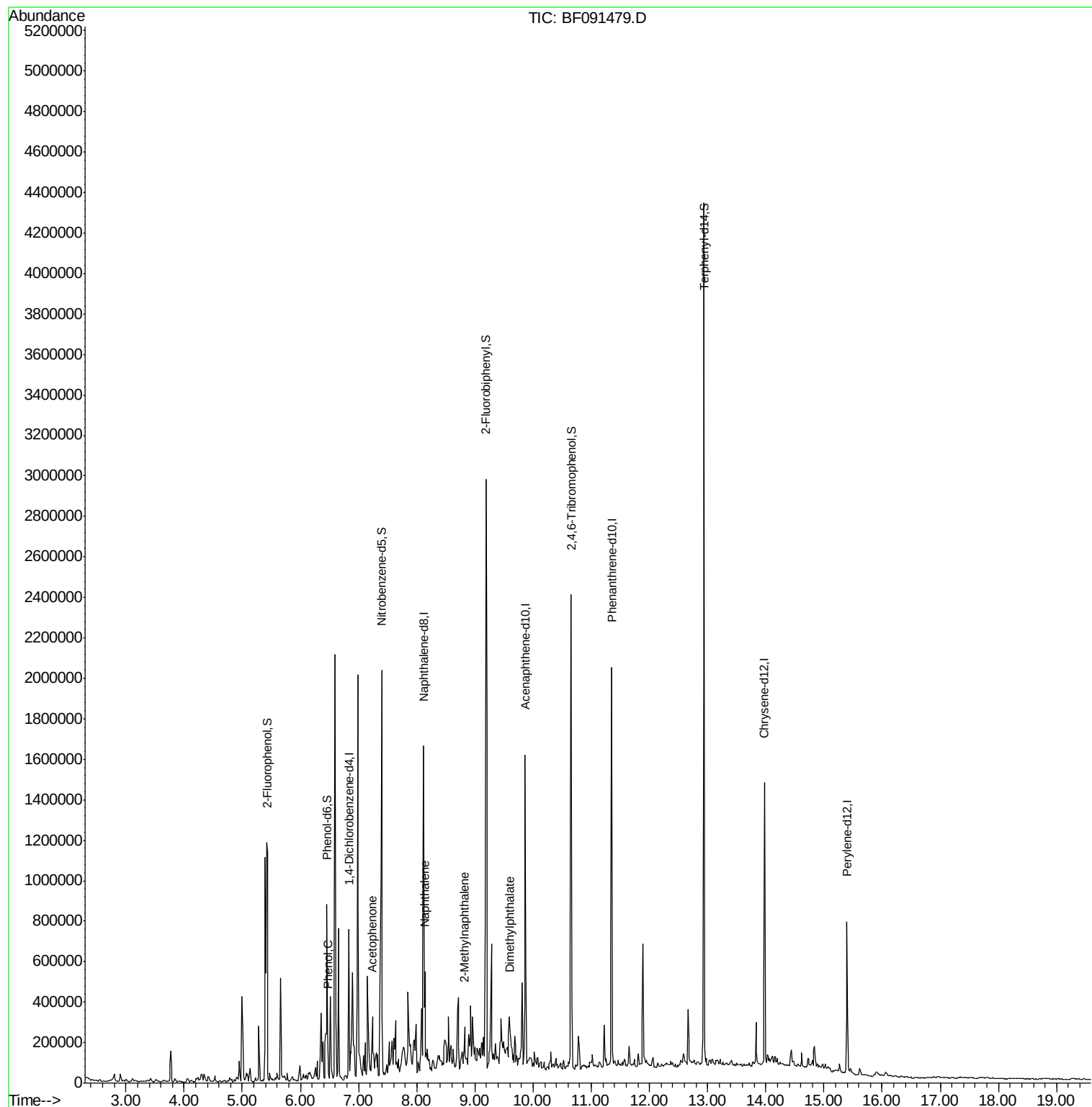
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	157789	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	664067	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	362555	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	755884	20.00	ng	0.00
75) Chrysene-d12	13.98	240	492921	20.00	ng	0.00
86) Perylene-d12	15.40	264	359035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	325015	33.65	ng	0.00
7) Phenol-d6	6.46	99	252752	21.26	ng	-0.01
23) Nitrobenzene-d5	7.40	82	662849	55.94	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	275436	80.25	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1288377	64.34	ng	-0.01
78) Terphenyl-d14	12.94	244	1505617	66.39	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.47	94	42960	3.07	ng	95
22) Acetophenone	7.24	105	73780	4.69	ng	# 88
31) Naphthalene	8.14	128	165985	5.26	ng	98
37) 2-Methylnaphthalene	8.82	142	51326	2.39	ng	# 90
49) Dimethylphthalate	9.59	163	76863	3.50	ng	96

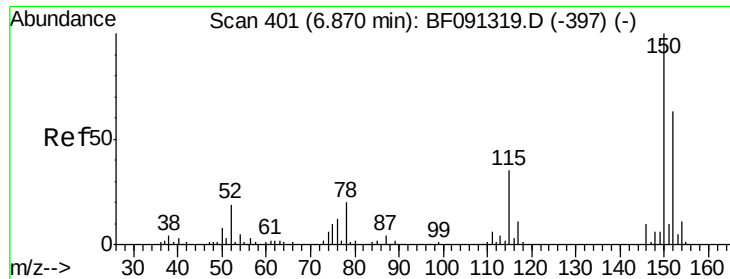
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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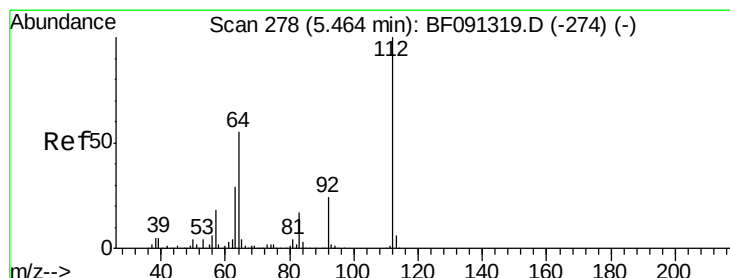
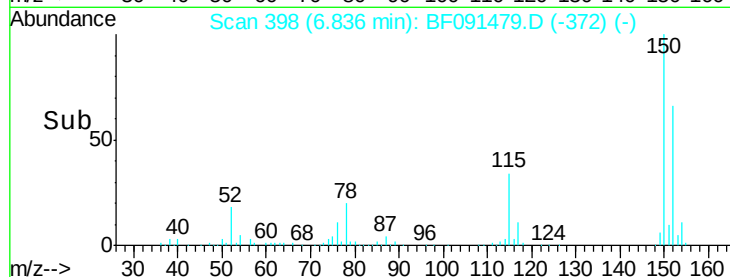
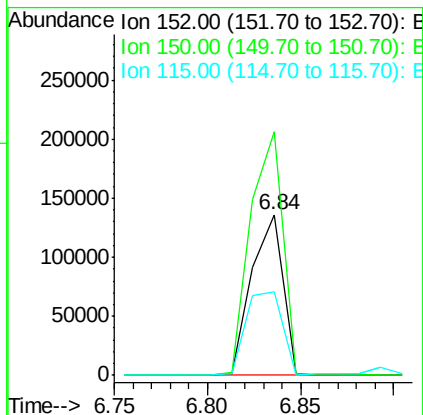
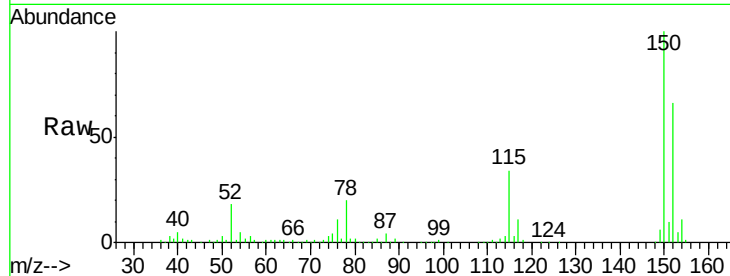


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF091479.D
Acq: 7 Dec 2016 19:47

Instrument :
BNA_F
ClientSampleId :
MW-2A-120516

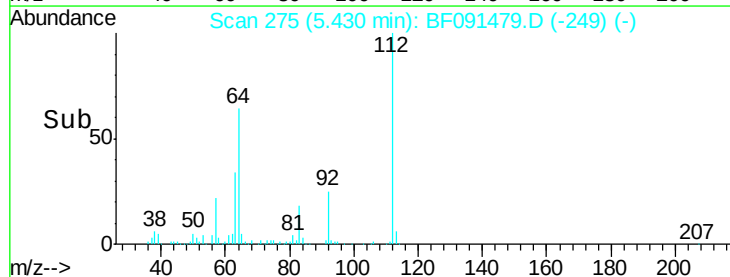
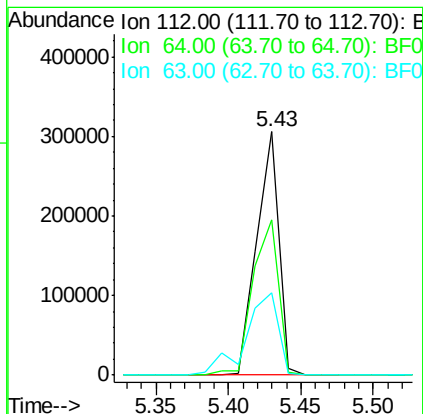
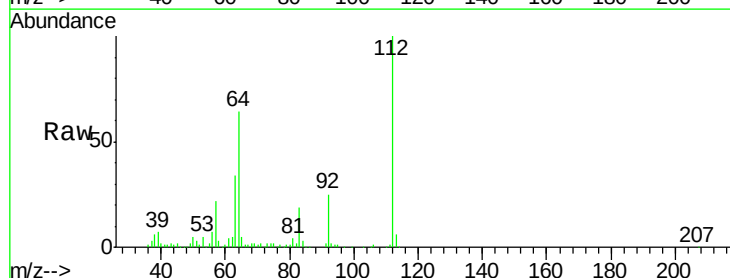
Tot Ion:152 Resp: 157789
Ion Ratio Lower Upper
152 100
150 151.6 122.5 183.7
115 52.1 51.8 77.8

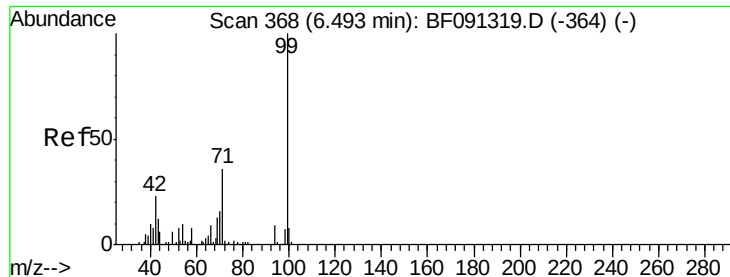


#5

2-Fluorophenol
Concen: 33.65 ng
RT: 5.43 min Scan# 275
Delta R.T. -0.00 min
Lab File: BF091479.D
Acq: 7 Dec 2016 19:47

Tgt Ion:112 Resp: 325015
Ion Ratio Lower Upper
112 100
64 63.6 61.5 92.3
63 33.8 33.3 49.9





#7

Phenol-d6

Concen: 21.26 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF091479.D

Acq: 7 Dec 2016 19:47

Instrument :

BNA_F

ClientSampleId :

MW-2A-120516

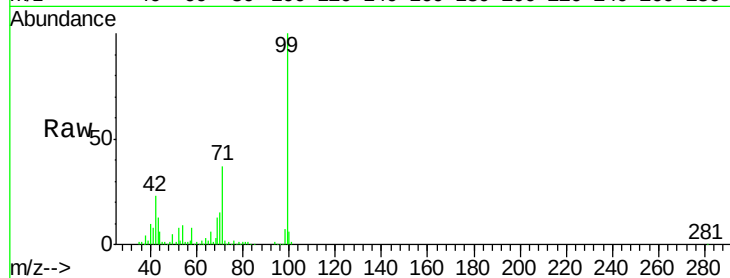
Tot Ion: 99 Resp: 252752

Ion Ratio Lower Upper

99 100

42 22.9 20.6 31.0

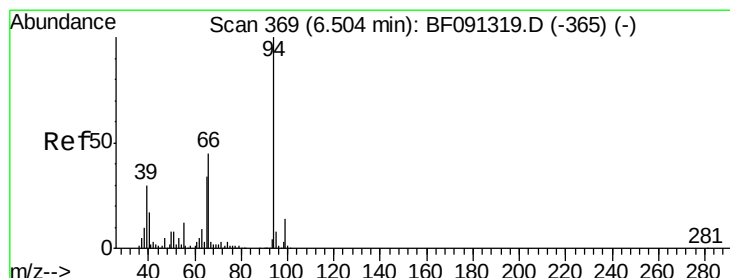
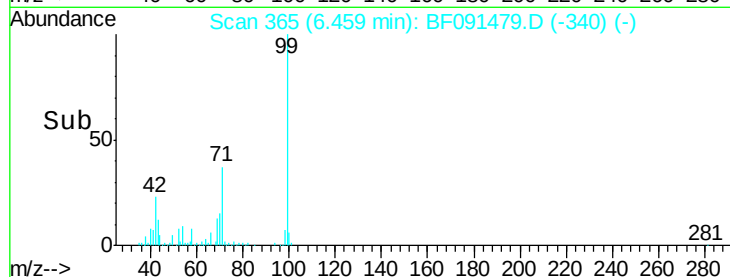
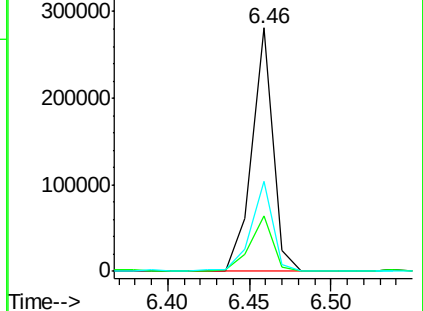
71 36.8 29.9 44.9



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: 3.07 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF091479.D

Acq: 7 Dec 2016 19:47

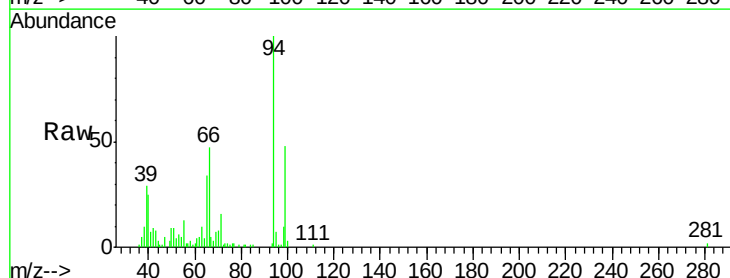
Tgt Ion: 94 Resp: 42960

Ion Ratio Lower Upper

94 100

65 34.4 16.9 56.9

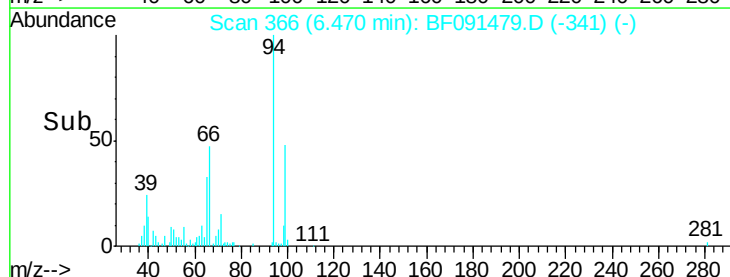
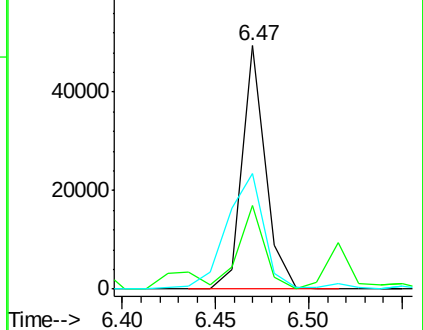
66 47.3 30.6 70.6

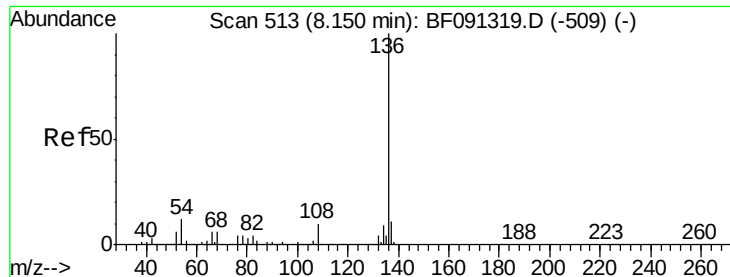


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF091479.D

Acq: 7 Dec 2016 19:47

Instrument :

BNA_F

ClientSampleId :

MW-2A-120516

Tot Ion:136 Resp: 664067

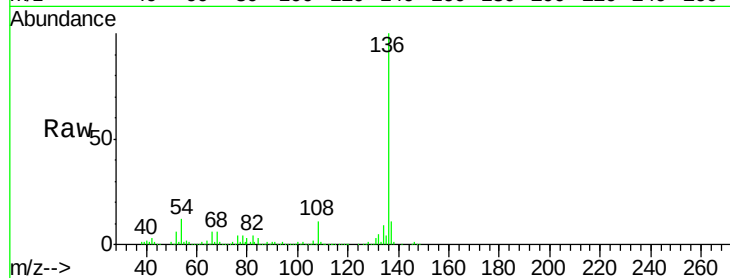
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 12.3 9.1 13.7

68 5.6 5.9 8.9#

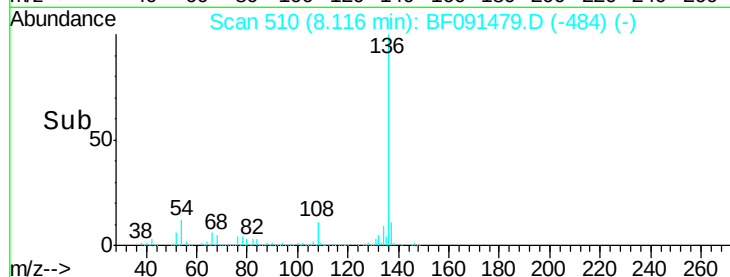


Abundance Ion 136.00 (135.70 to 136.70): E

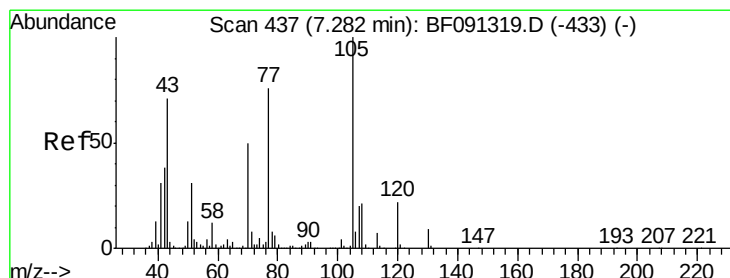
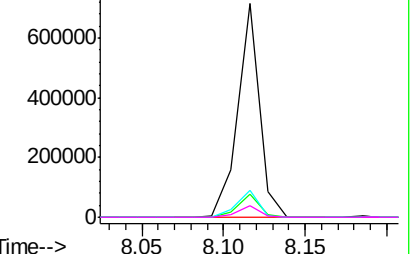
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 4.69 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF091479.D

Acq: 7 Dec 2016 19:47

Tgt Ion:105 Resp: 73780

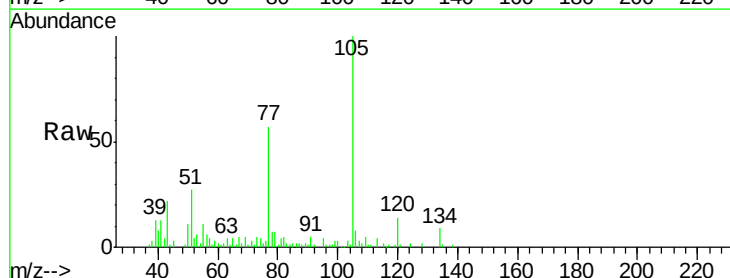
Ion Ratio Lower Upper

105 100

71 2.6 7.9 11.9#

51 26.7 24.5 36.7

120 14.2 16.6 24.8#

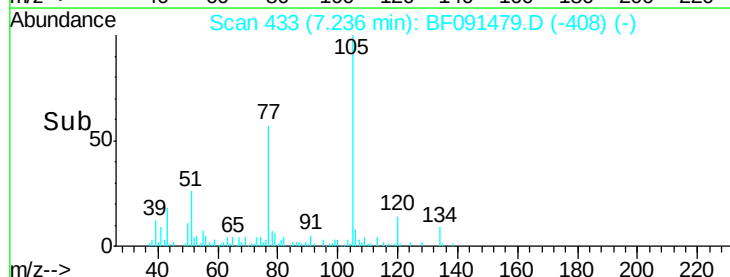


Abundance Ion 105.00 (104.70 to 105.70): E

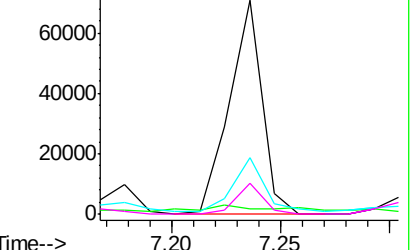
Ion 71.00 (70.70 to 71.70): BF0

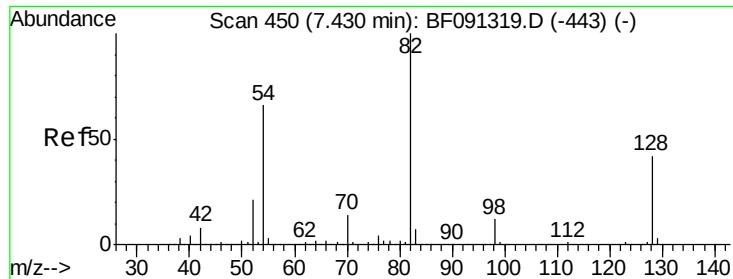
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

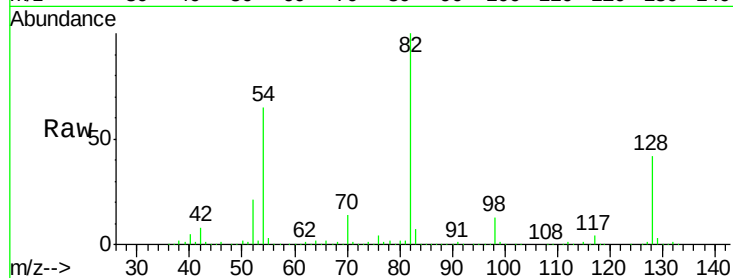




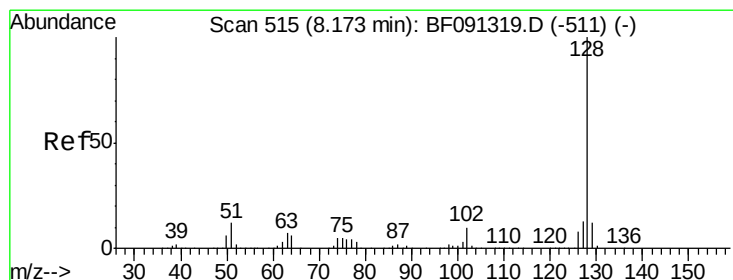
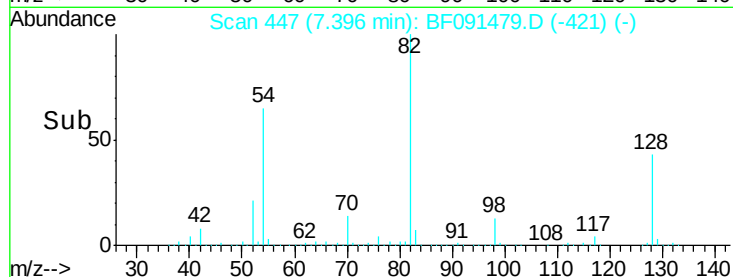
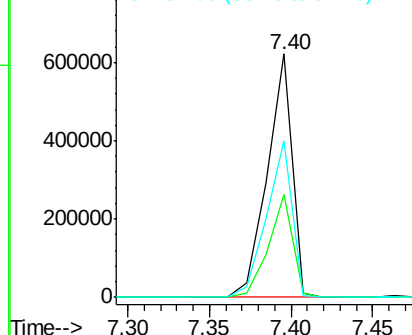
#23
Nitrobenzene-d5
Concen: 55.94 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF091479.D
Acq: 7 Dec 2016 19:47

Instrument :
BNA_F
ClientSampleId :
MW-2A-120516

Tot Ion: 82 Resp: 662849
Ion Ratio Lower Upper
82 100
128 42.4 31.8 47.6
54 64.5 49.1 73.7

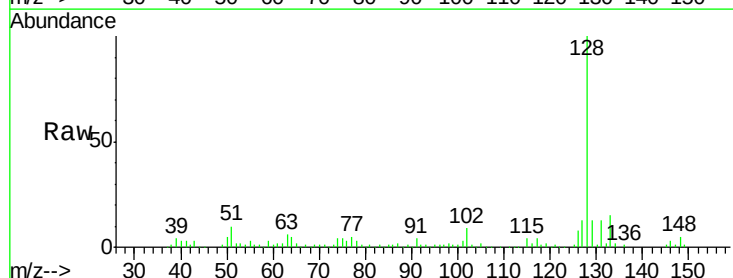


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

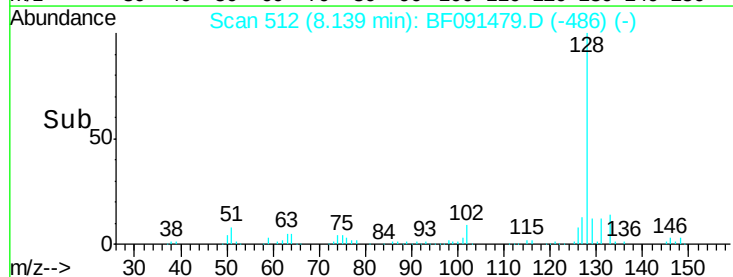
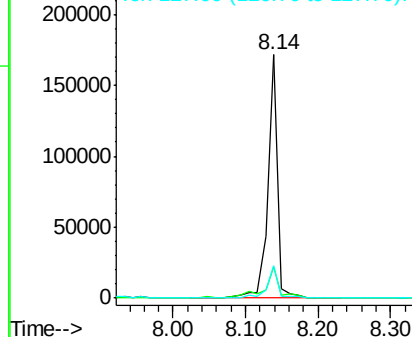


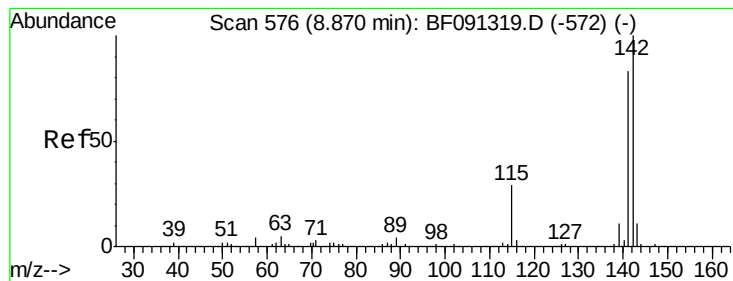
#31
Naphthalene
Concen: 5.26 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF091479.D
Acq: 7 Dec 2016 19:47

Tgt Ion: 128 Resp: 165985
Ion Ratio Lower Upper
128 100
129 12.5 9.1 13.7
127 13.4 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

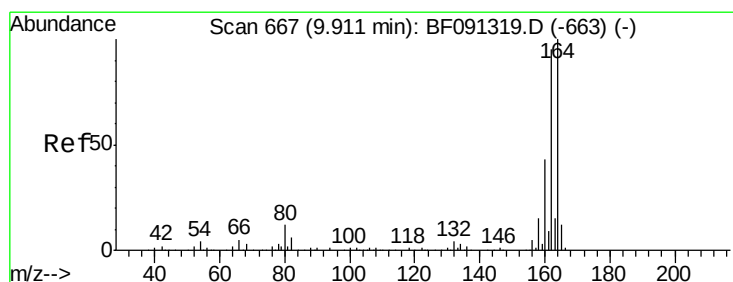
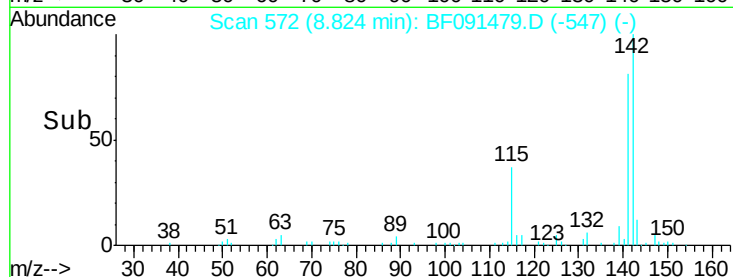
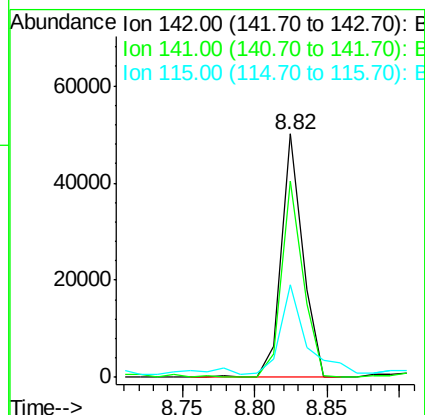
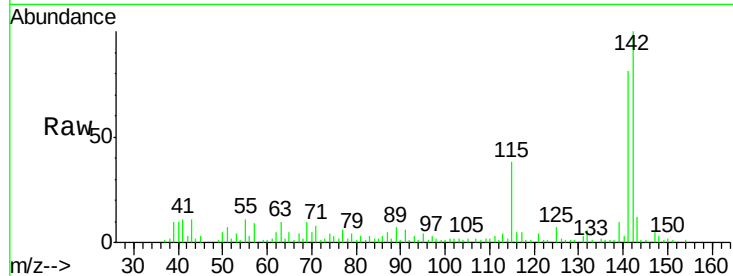




#37
2-Methylnaphthalene
Concen: 2.39 ng
RT: 8.82 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF091479.D
Acq: 7 Dec 2016 19:47

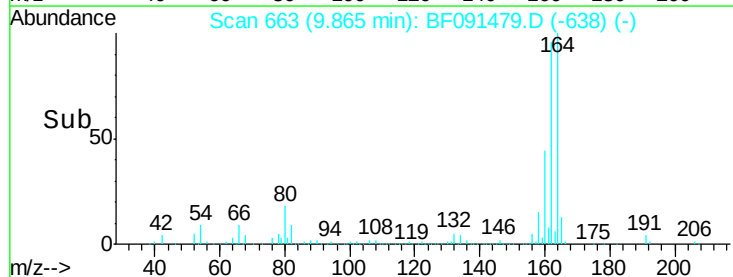
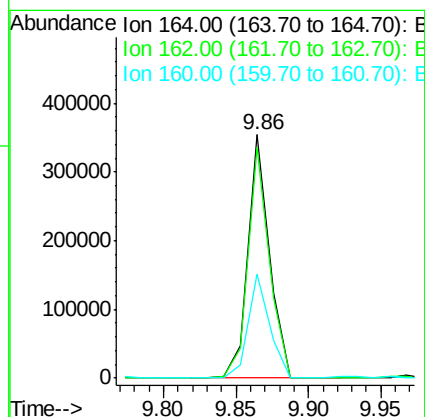
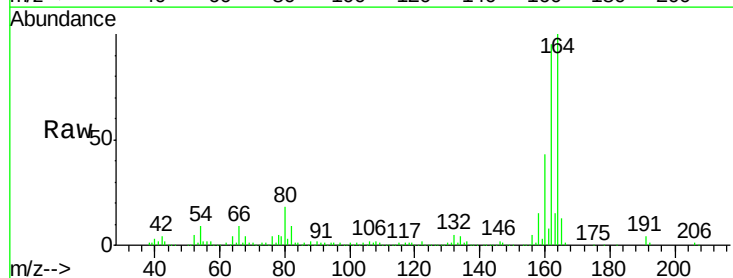
Instrument :
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MW-2A-120516

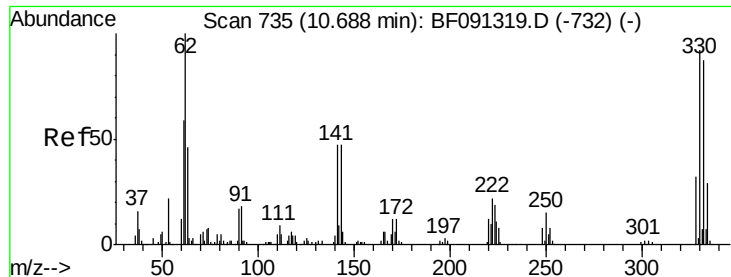
Tot Ion:142 Resp: 51326
Ion Ratio Lower Upper
142 100
141 80.6 71.7 107.5
115 38.1 25.0 37.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF091479.D
Acq: 7 Dec 2016 19:47

Tgt Ion:164 Resp: 362555
Ion Ratio Lower Upper
164 100
162 94.9 82.6 124.0
160 42.9 36.7 55.1

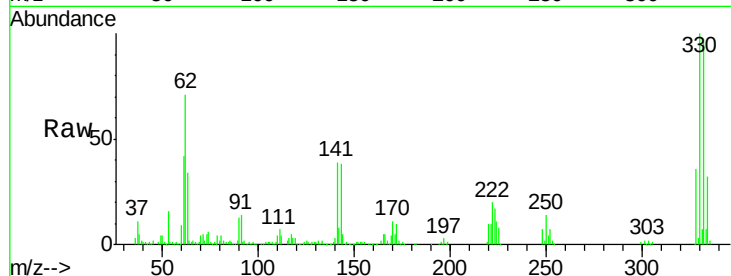




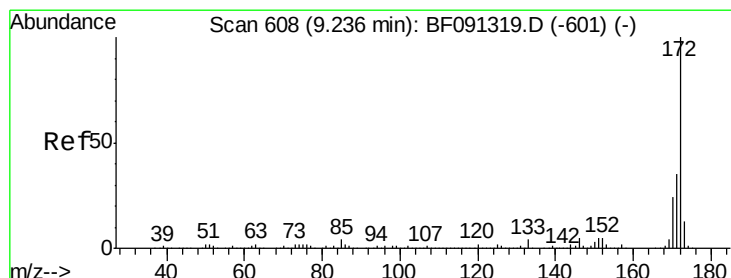
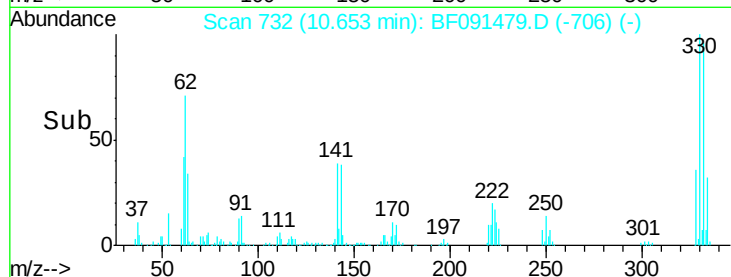
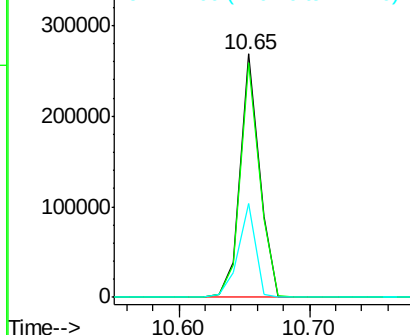
#41
 2,4,6-Tribromophenol
 Concen: 80.25 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF091479.D
 Acq: 7 Dec 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-2A-120516

Tot Ion:330 Resp: 275436
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.4
 141 35.3 33.6 50.4

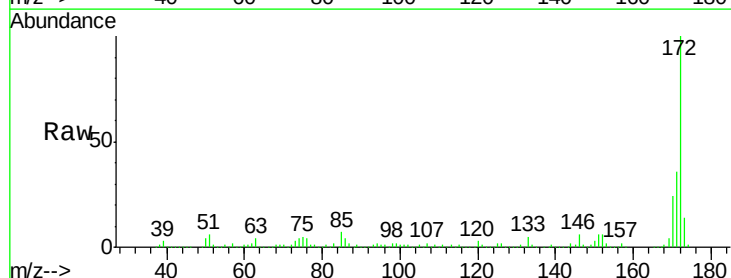


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

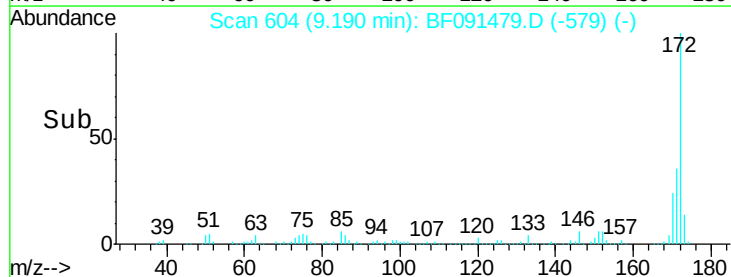
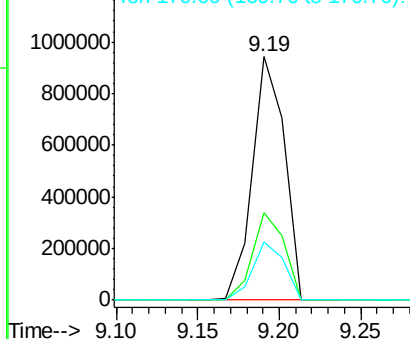


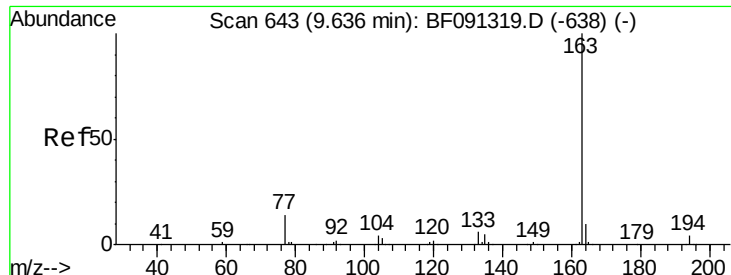
#44
 2-Fluorobiphenyl
 Concen: 64.34 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091479.D
 Acq: 7 Dec 2016 19:47

Tgt Ion:172 Resp: 1288377
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 23.8 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





#49

Dimethylphthalate

Concen: 3.50 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF091479.D

Acq: 7 Dec 2016 19:47

Instrument :

BNA_F

ClientSampleId :

MW-2A-120516

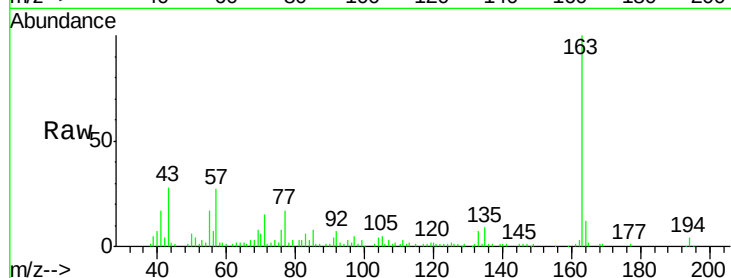
Tot Ion:163 Resp: 76863

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.4

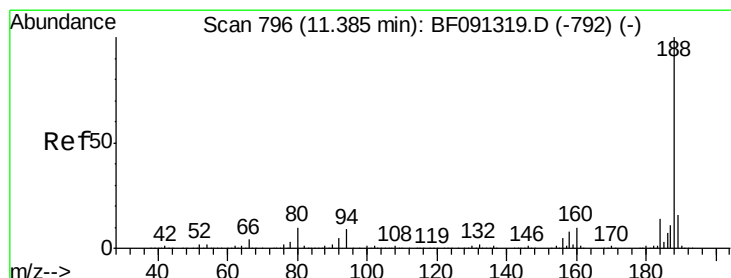
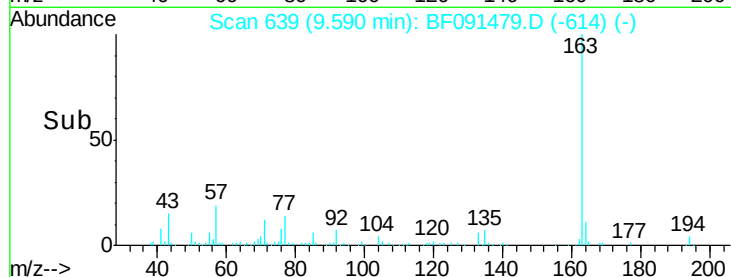
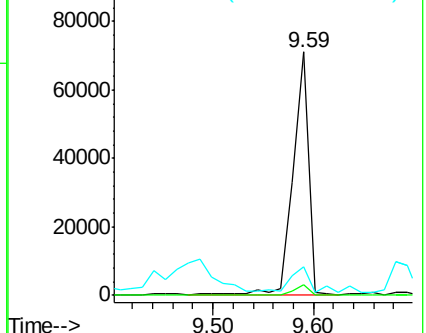
164 11.6 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF091479.D

Acq: 7 Dec 2016 19:47

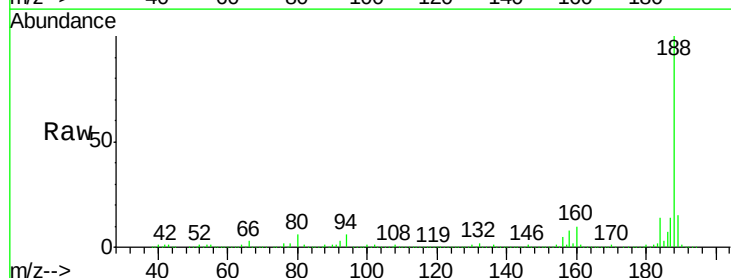
Tgt Ion:188 Resp: 755884

Ion Ratio Lower Upper

188 100

94 6.2 9.2 13.8#

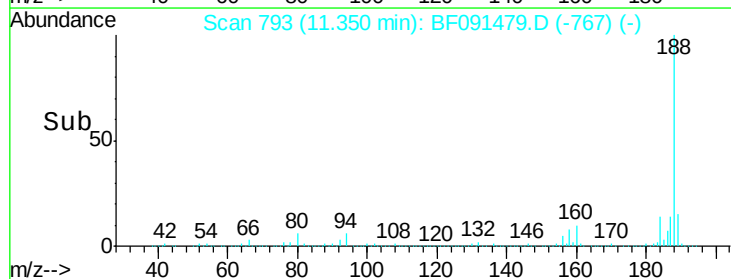
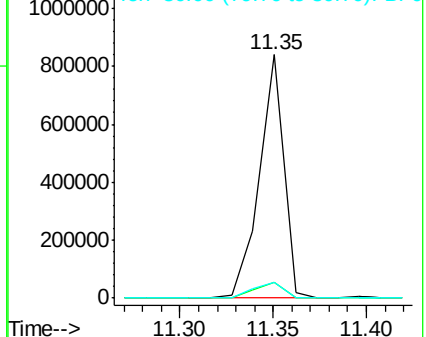
80 6.4 10.5 15.7#

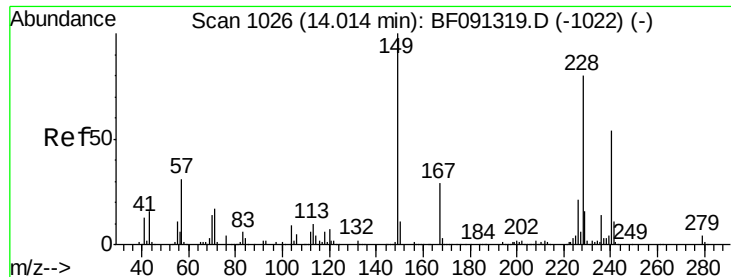


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF091479.D

Acq: 7 Dec 2016 19:47

Instrument :

BNA_F

ClientSampleId :

MW-2A-120516

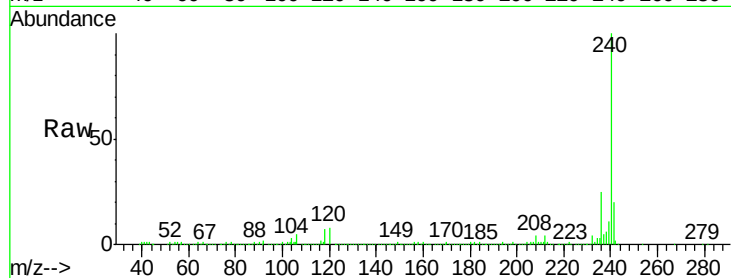
Tot Ion:240 Resp: 492921

Ion Ratio Lower Upper

240 100

120 7.5 12.1 18.1#

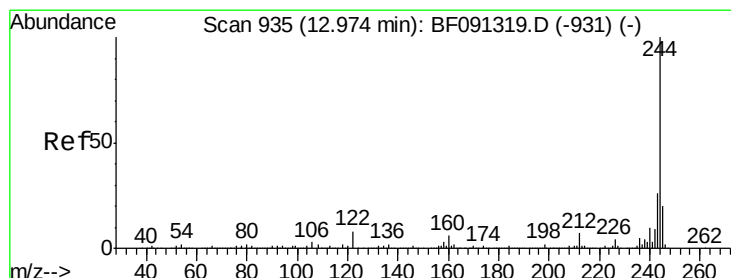
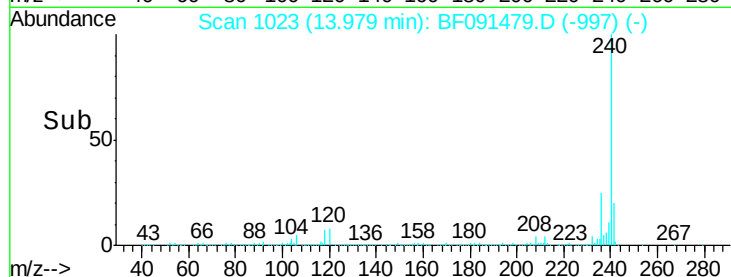
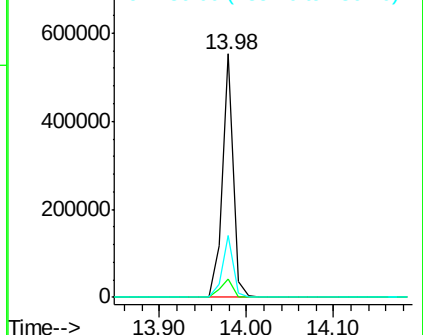
236 25.5 21.0 31.6



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: 66.39 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF091479.D

Acq: 7 Dec 2016 19:47

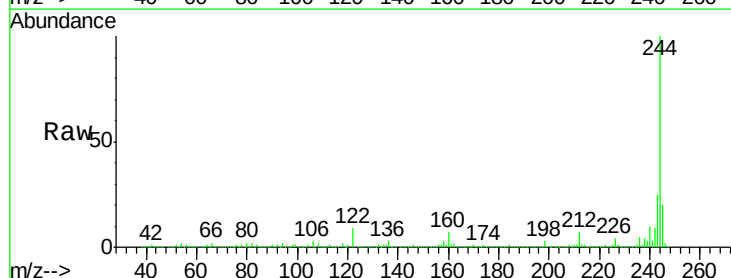
Tgt Ion:244 Resp: 1505617

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

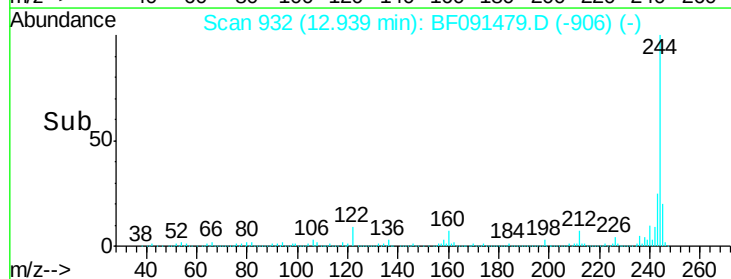
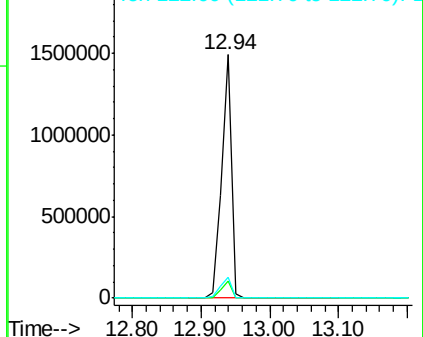
122 8.7 9.5 14.3#

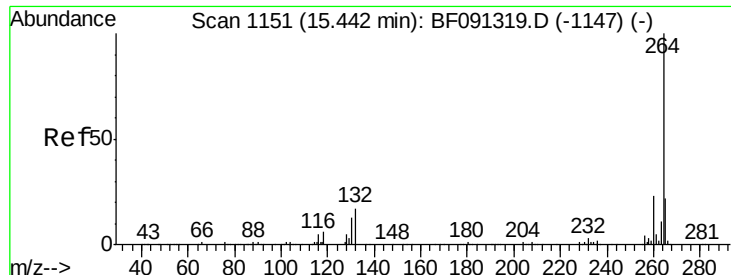


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

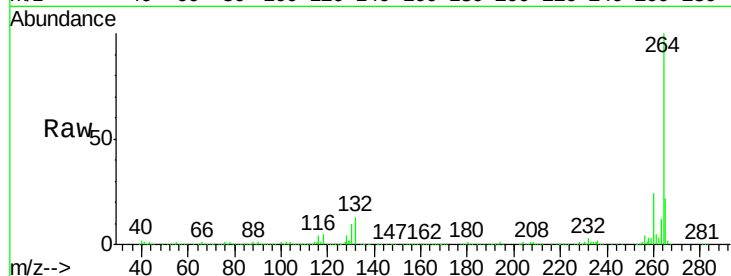




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF091479.D
 Acq: 7 Dec 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-2A-120516

Tot Ion:	264	Resp:	359035
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	22.4	17.0	25.6



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

