

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091387.D
 Acq On : 2 Dec 2016 9:43
 Operator : UM/SJ
 Sample : H5801-05DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5A-112916DL

Quant Time: Dec 02 22:11:16 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

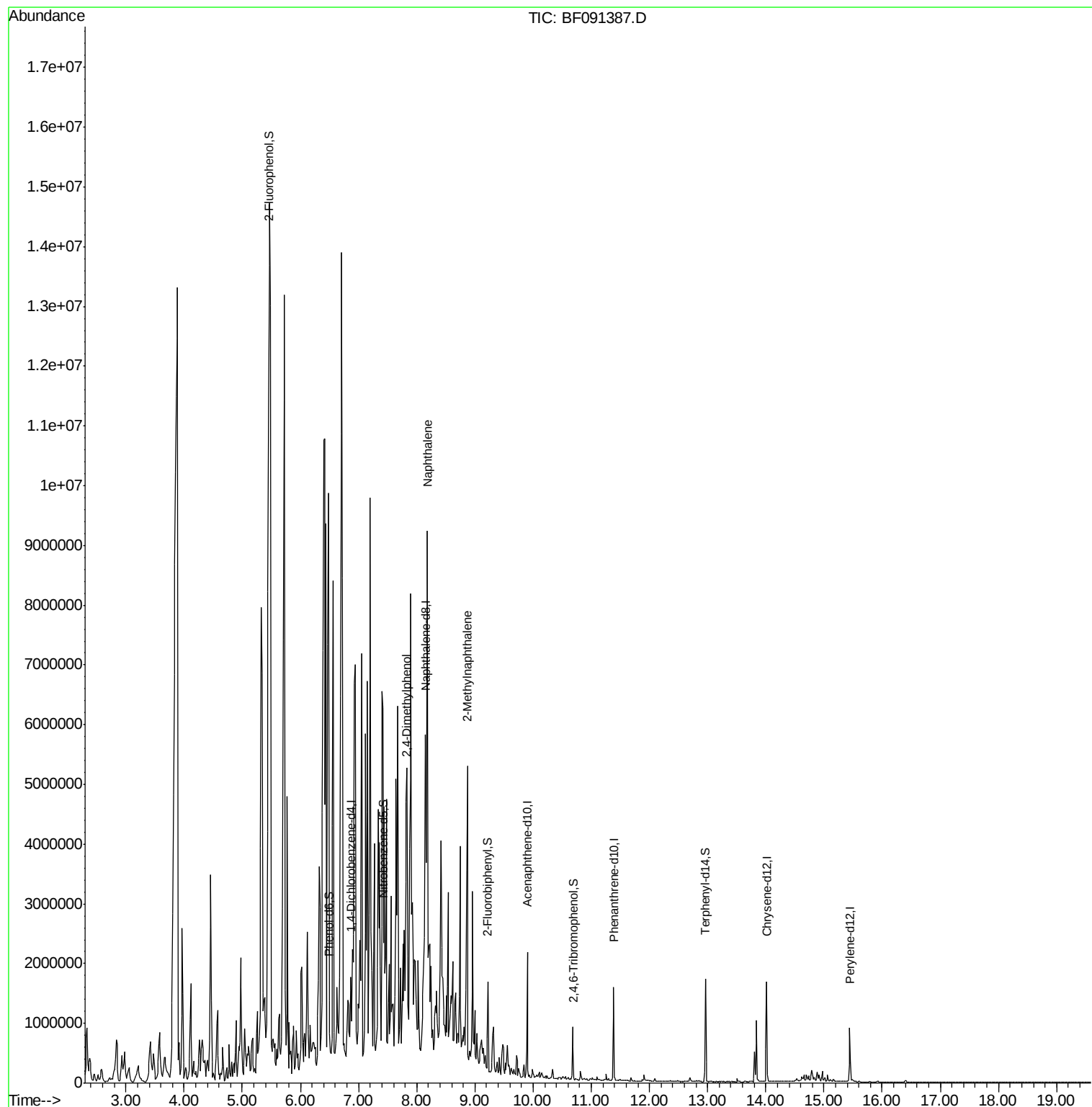
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	187027	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	623284	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	442270	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	753226	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	578233	20.00	ng	-0.03
86) Perylene-d12	15.44	264	427704	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	77951	6.81	ng	0.00
7) Phenol-d6	6.49	99	120214	8.53	ng	0.00
23) Nitrobenzene-d5	7.43	82	262191	23.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	125218	29.91	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	525237	21.50	ng	-0.02
78) Terphenyl-d14	12.96	244	527117	19.81	ng	-0.03
Target Compounds						
27) 2,4-Dimethylphenol	7.82	122	224554	23.13	ng	Qvalue # 90
31) Naphthalene	8.18	128	4688505	158.28	ng	96
37) 2-Methylnaphthalene	8.87	142	1804312	89.66	ng	95

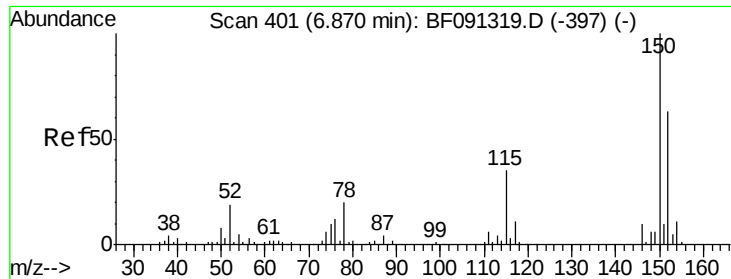
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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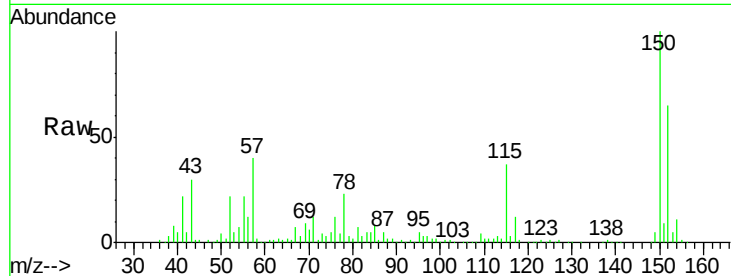




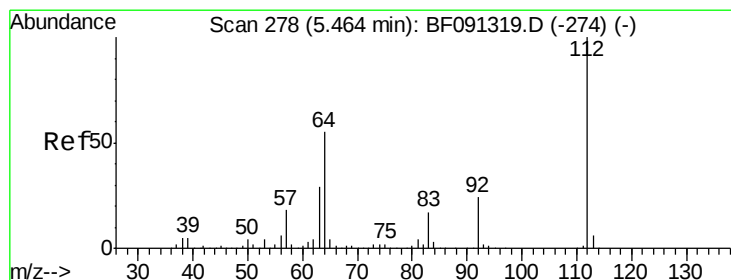
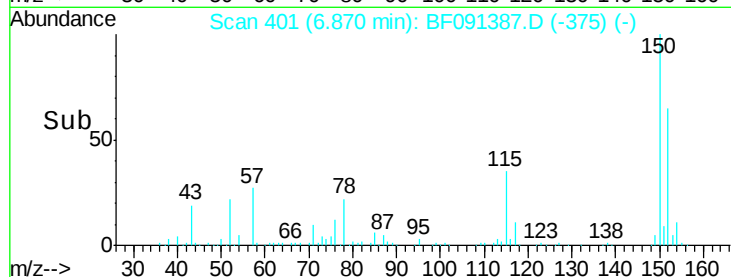
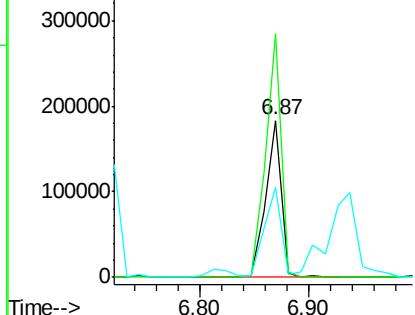
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.87 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BF091387.D
 Acq: 2 Dec 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-5A-112916DL

Tgt Ion:152 Resp: 187027
 Ion Ratio Lower Upper
 152 100
 150 155.0 122.5 183.7
 115 57.0 51.8 77.8

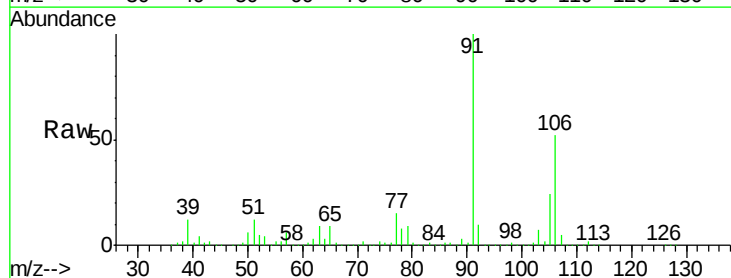


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

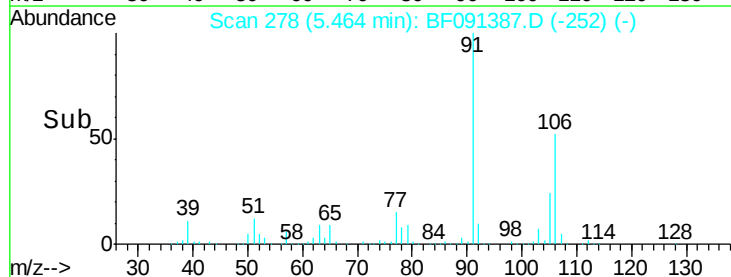
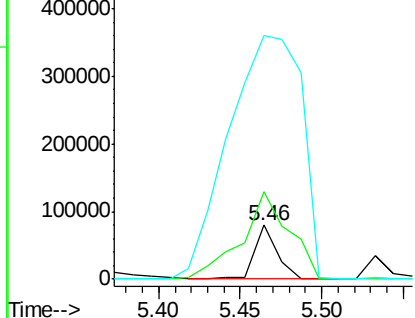


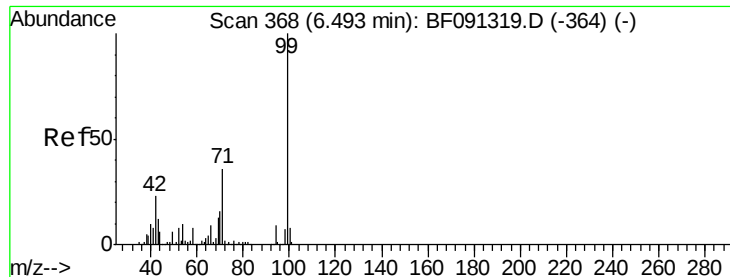
#5
 2-Fluorophenol
 Concen: 6.81 ng
 RT: 5.46 min Scan# 278
 Delta R.T. -0.00 min
 Lab File: BF091387.D
 Acq: 2 Dec 2016 9:43

Tgt Ion:112 Resp: 77951
 Ion Ratio Lower Upper
 112 100
 64 162.6 61.5 92.3#
 63 450.6 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: 8.53 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091387.D

Acq: 2 Dec 2016 9:43

Instrument :

BNA_F

ClientSampleId :

MW-5A-112916DL

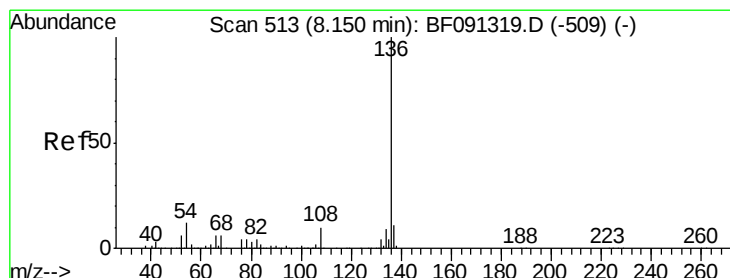
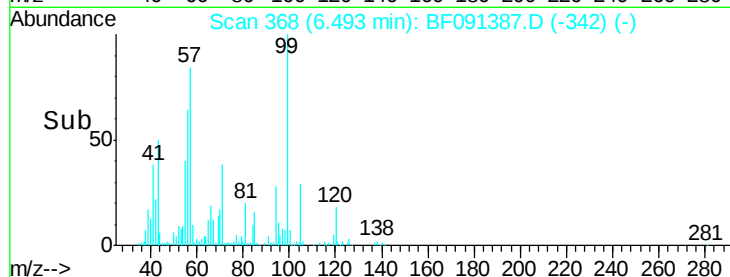
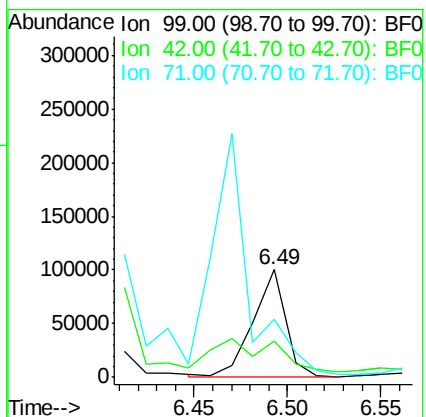
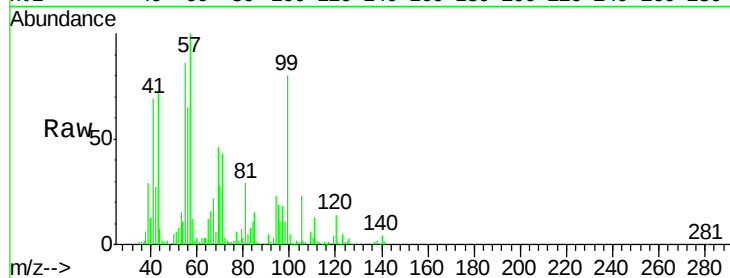
Tgt Ion: 99 Resp: 120214

Ion Ratio Lower Upper

99 100

42 34.0 20.6 31.0#

71 54.3 29.9 44.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091387.D

Acq: 2 Dec 2016 9:43

Tgt Ion: 136 Resp: 623284

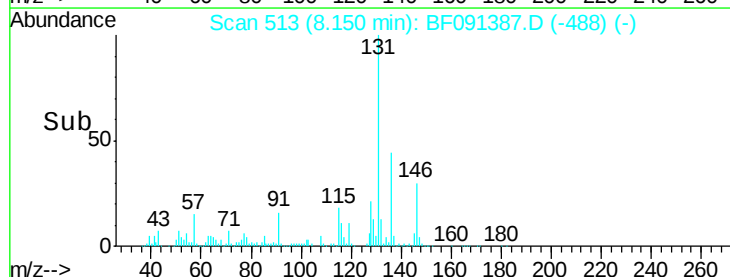
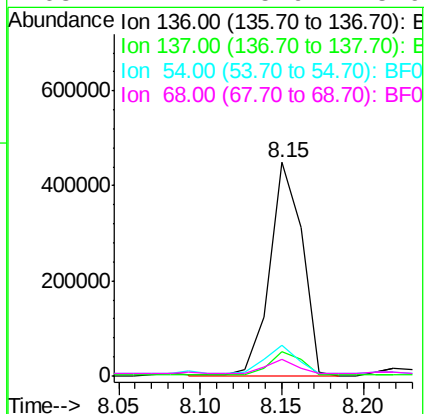
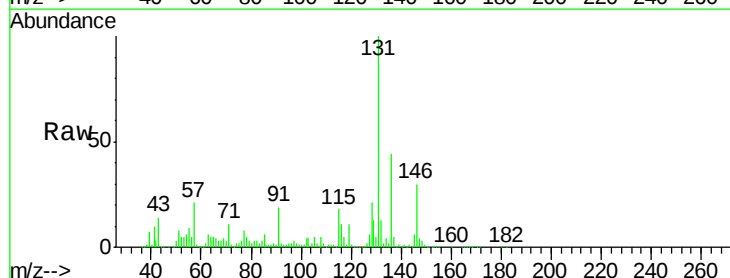
Ion Ratio Lower Upper

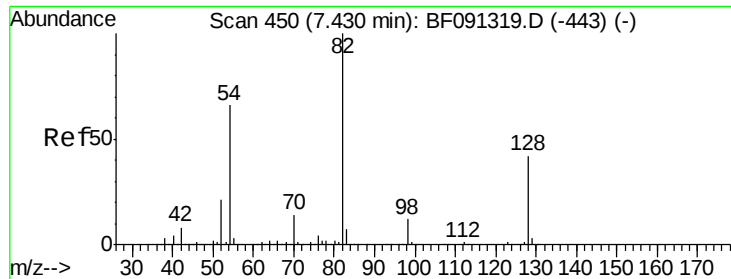
136 100

137 11.4 9.1 13.7

54 14.4 9.1 13.7#

68 7.7 5.9 8.9

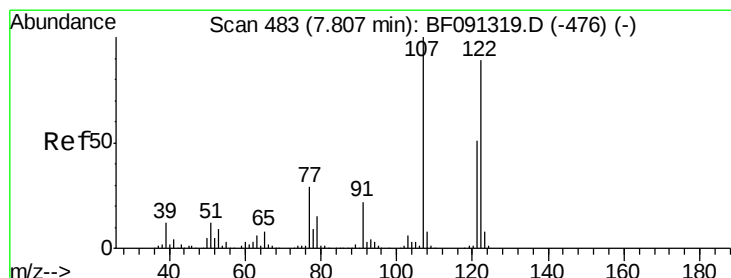
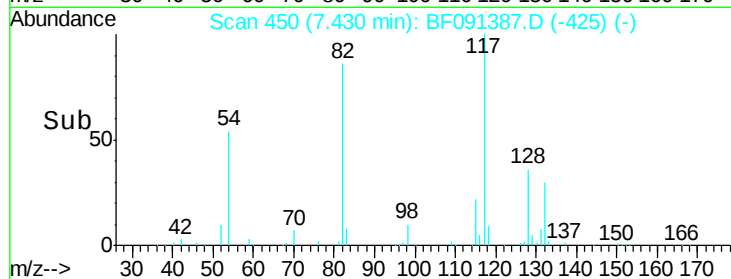
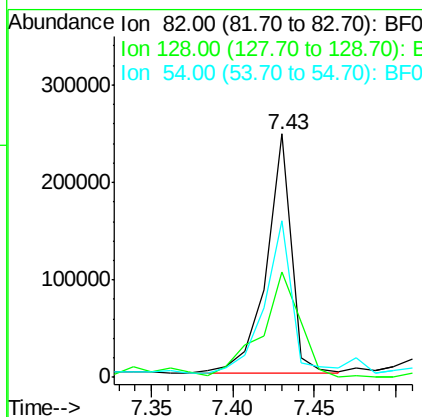
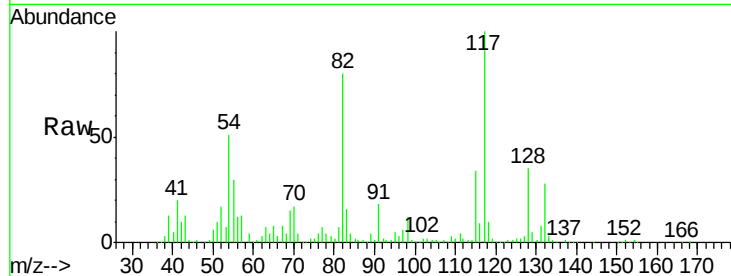




#23
 Nitrobenzene-d5
 Concen: 23.57 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091387.D
 Acq: 2 Dec 2016 9:43

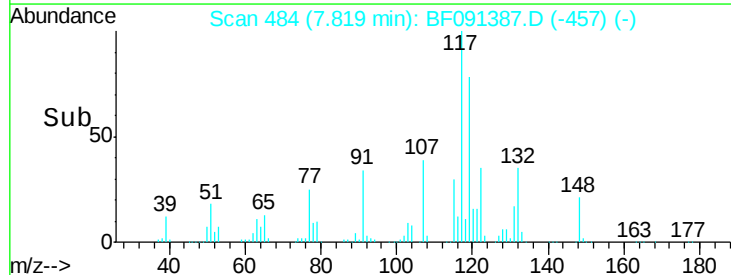
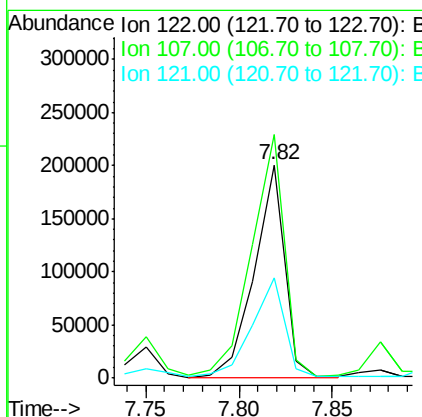
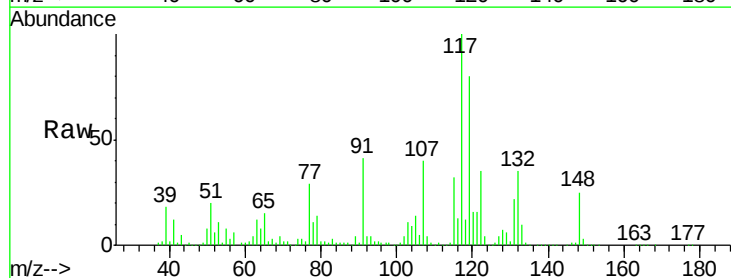
Instrument :
 BNA_F
 ClientSampleId :
 MW-5A-112916DL

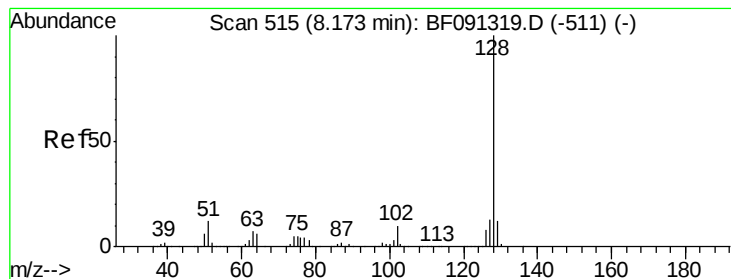
Tgt Ion: 82 Resp: 262191
 Ion Ratio Lower Upper
 82 100
 128 43.2 31.8 47.6
 54 64.3 49.1 73.7



#27
 2,4-Dimethylphenol
 Concen: 23.13 ng
 RT: 7.82 min Scan# 484
 Delta R.T. 0.01 min
 Lab File: BF091387.D
 Acq: 2 Dec 2016 9:43

Tgt Ion: 122 Resp: 224554
 Ion Ratio Lower Upper
 122 100
 107 114.2 96.8 145.2
 121 46.8 47.7 71.5#





#31

Naphthalene

Concen: 158.28 ng

RT: 8.18 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF091387.D

Acq: 2 Dec 2016 9:43

Instrument :

BNA_F

ClientSampleId :

MW-5A-112916DL

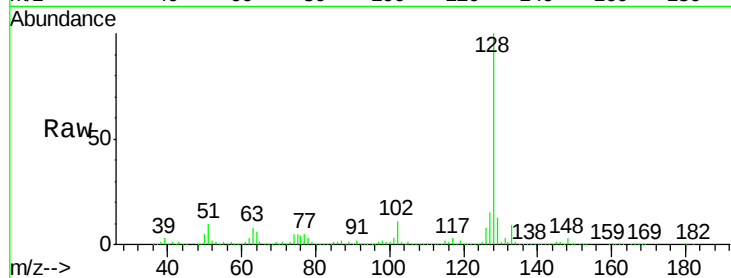
Tgt Ion:128 Resp: 4688505

Ion Ratio Lower Upper

128 100

129 12.8 9.1 13.7

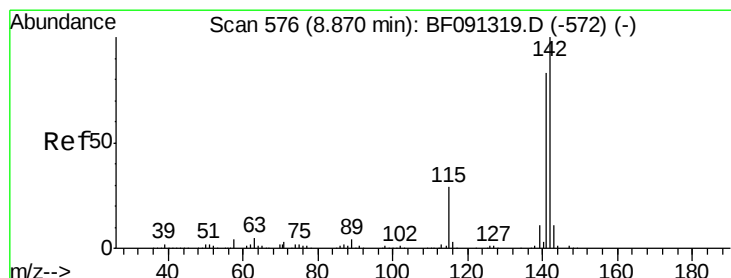
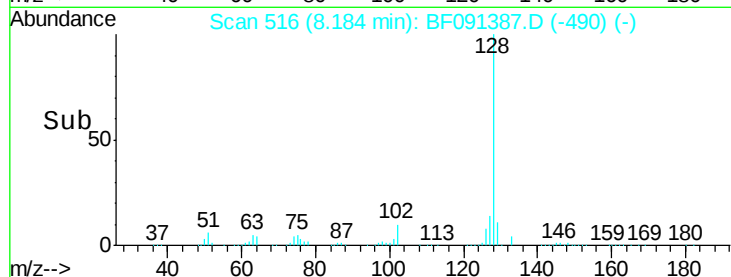
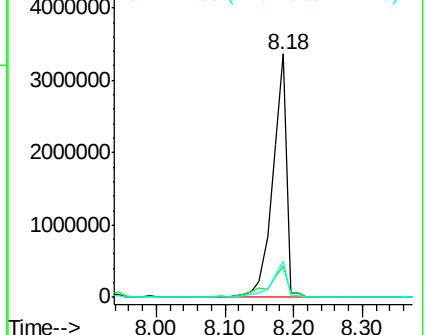
127 15.0 11.0 16.4



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: 89.66 ng

RT: 8.87 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF091387.D

Acq: 2 Dec 2016 9:43

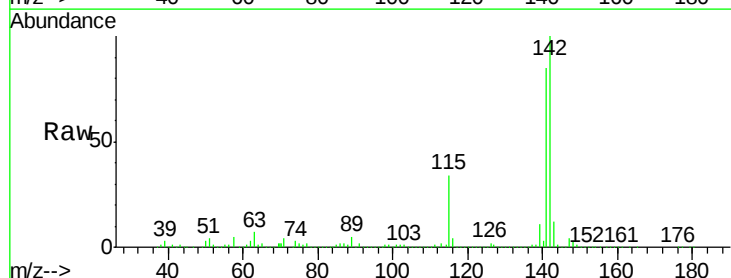
Tgt Ion:142 Resp: 1804312

Ion Ratio Lower Upper

142 100

141 84.9 71.7 107.5

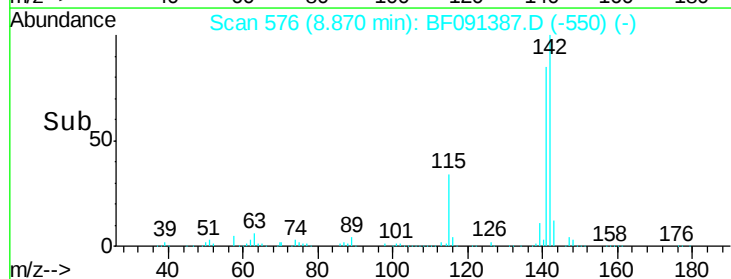
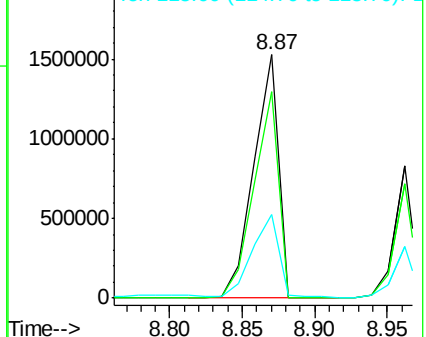
115 34.2 25.0 37.6

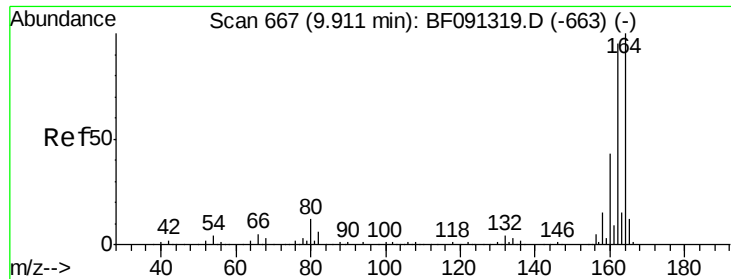


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.90 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF091387.D

Acq: 2 Dec 2016 9:43

Instrument :

BNA_F

ClientSampleId :

MW-5A-112916DL

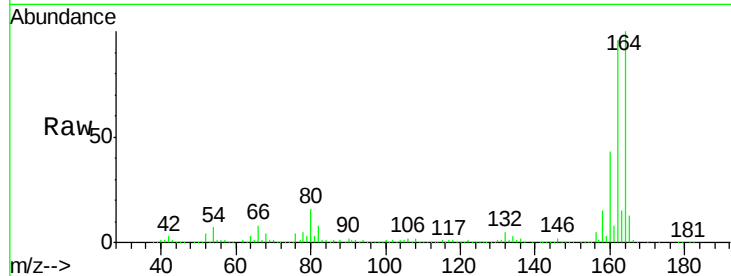
Tgt Ion:164 Resp: 442270

Ion Ratio Lower Upper

164 100

162 96.3 82.6 124.0

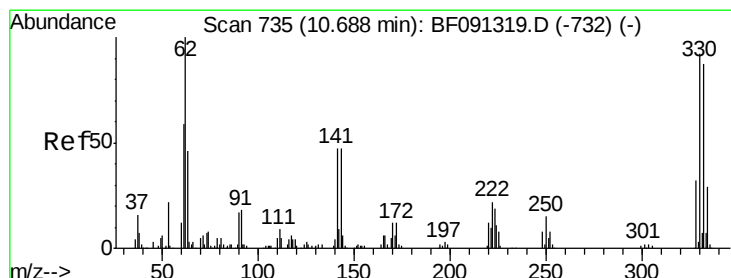
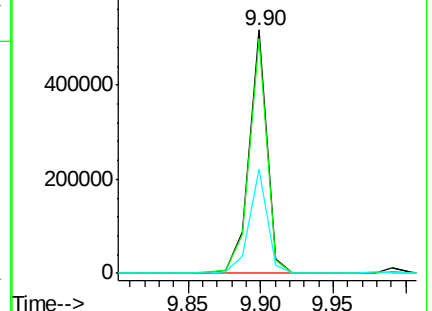
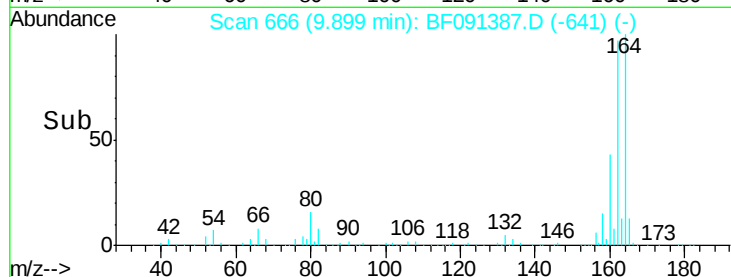
160 42.9 36.7 55.1



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: 29.91 ng

RT: 10.69 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF091387.D

Acq: 2 Dec 2016 9:43

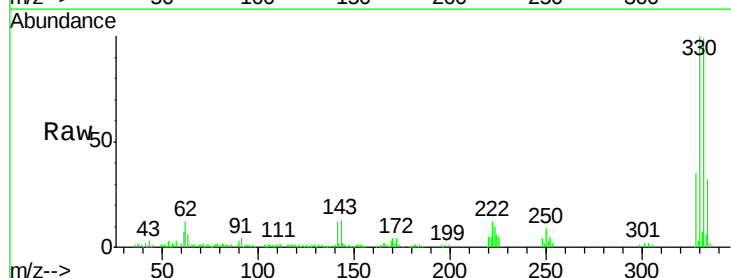
Tgt Ion:330 Resp: 125218

Ion Ratio Lower Upper

330 100

332 97.6 76.2 114.4

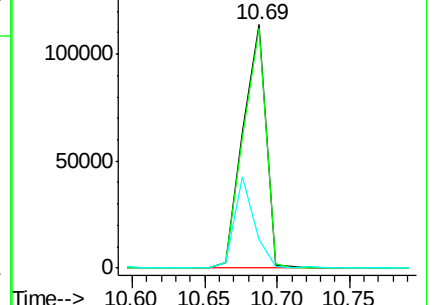
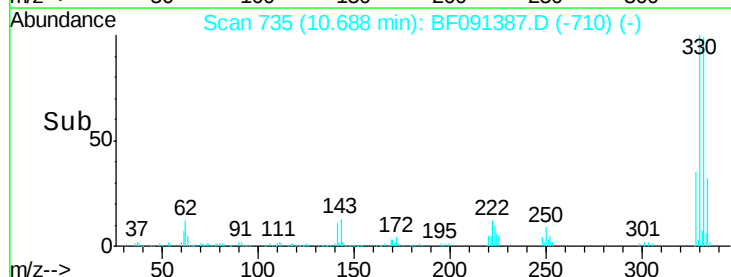
141 33.8 33.6 50.4

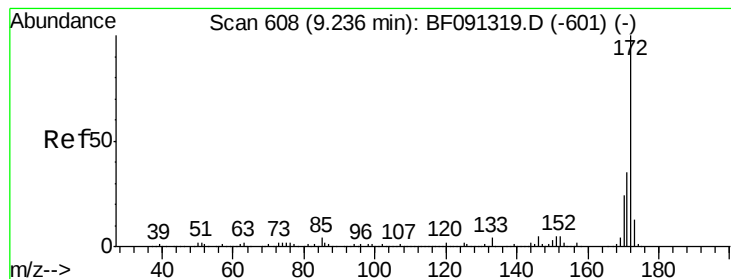


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

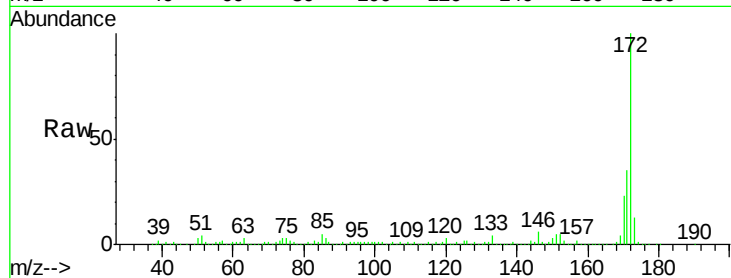




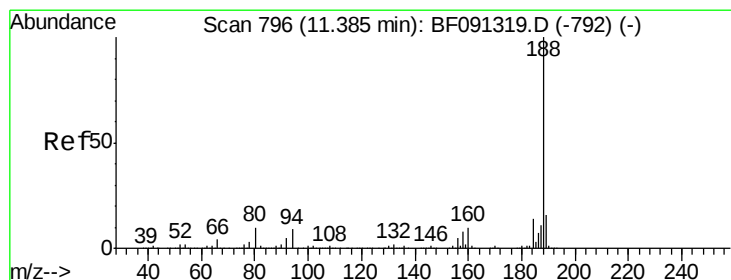
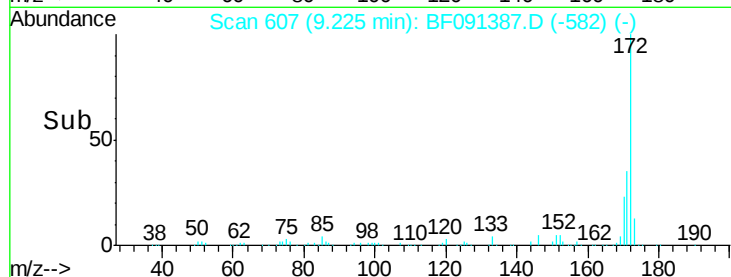
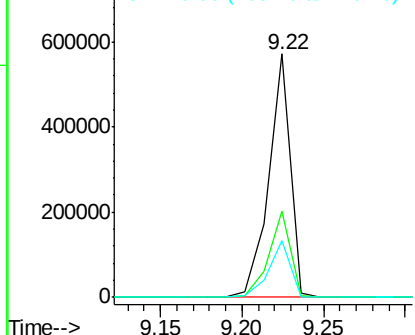
#44
 2-Fluorobiphenyl
 Concen: 21.50 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091387.D
 Acq: 2 Dec 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-5A-112916DL

Tgt Ion:172 Resp: 525237
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 23.3 19.7 29.5

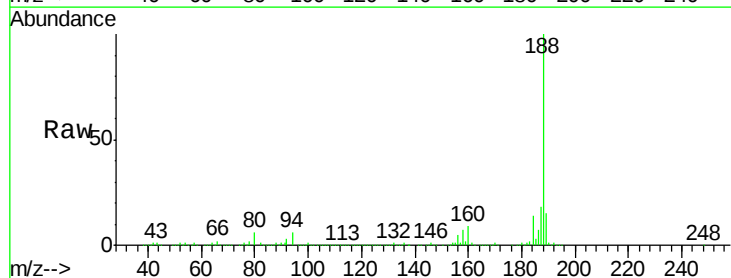


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

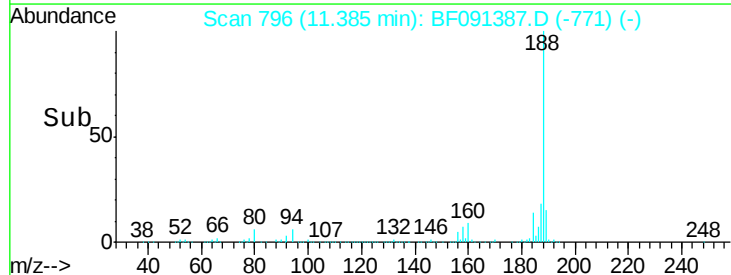
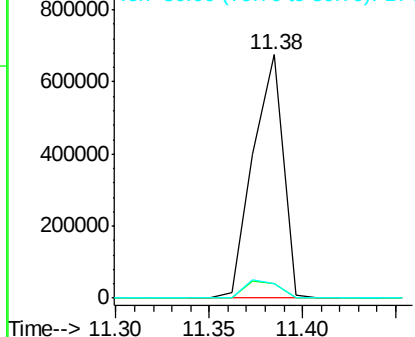


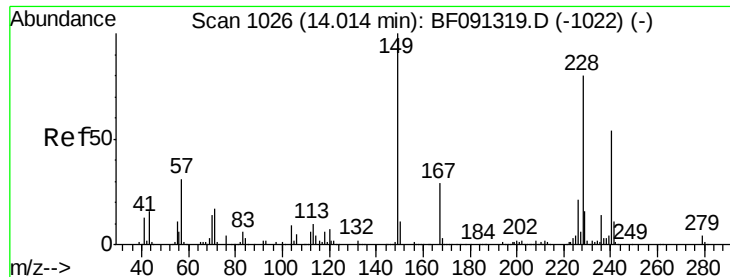
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF091387.D
 Acq: 2 Dec 2016 9:43

Tgt Ion:188 Resp: 753226
 Ion Ratio Lower Upper
 188 100
 94 5.7 9.2 13.8#
 80 5.7 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: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091387.D

Acq: 2 Dec 2016 9:43

Instrument :

BNA_F

ClientSampleId :

MW-5A-112916DL

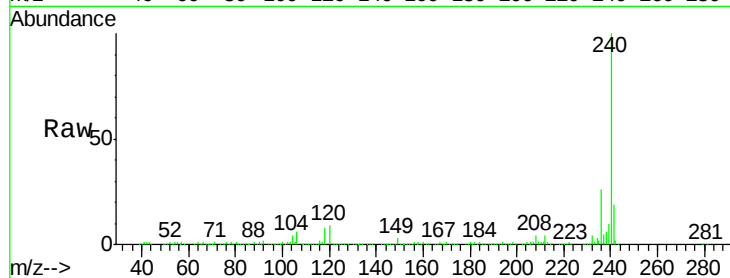
Tgt Ion:240 Resp: 578233

Ion Ratio Lower Upper

240 100

120 8.7 12.1 18.1#

236 25.8 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

800000

600000

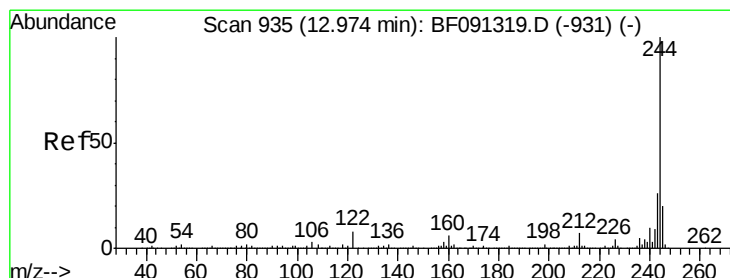
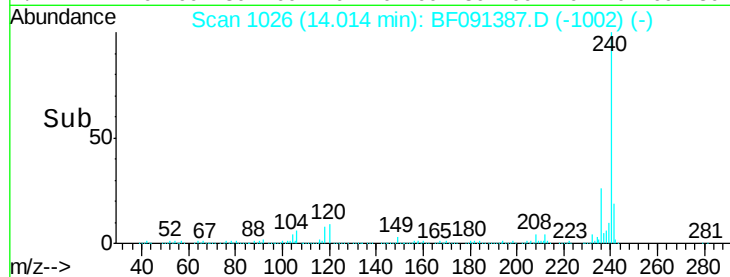
400000

200000

0

13.90 14.01 14.10 14.20

Time-->



#78

Terphenyl-d14

Concen: 19.81 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF091387.D

Acq: 2 Dec 2016 9:43

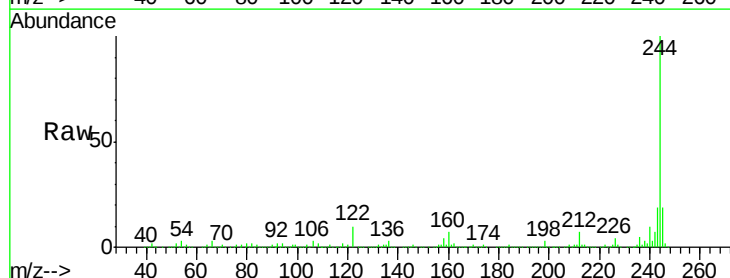
Tgt Ion:244 Resp: 527117

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

122 10.4 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

800000

600000

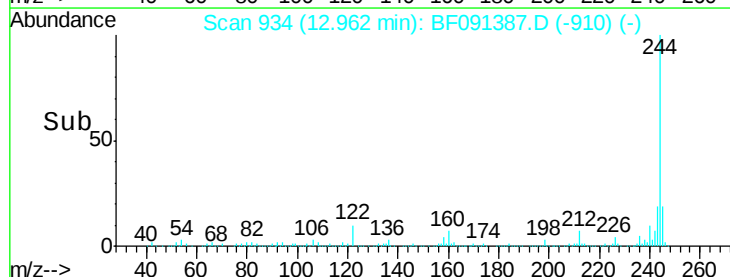
400000

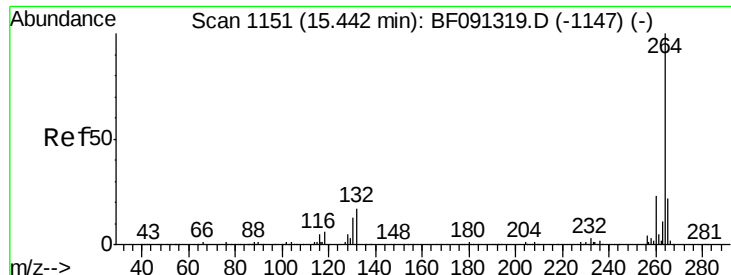
200000

0

12.90 12.96 13.00 13.10

Time-->



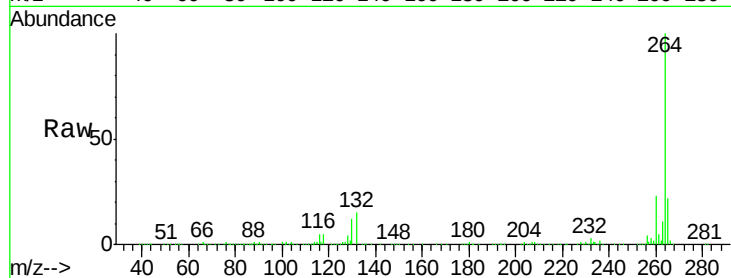


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091387.D
Acq: 2 Dec 2016 9:43

Instrument :
BNA_F
ClientSampleId :
MW-5A-112916DL

Tgt Ion: 264 Resp: 427704

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.6	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

