

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
 Data File : BF091377.D
 Acq On : 1 Dec 2016 17:16
 Operator : UM/SJ
 Sample : H5801-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2A-112916

Quant Time: Dec 02 00:31:38 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

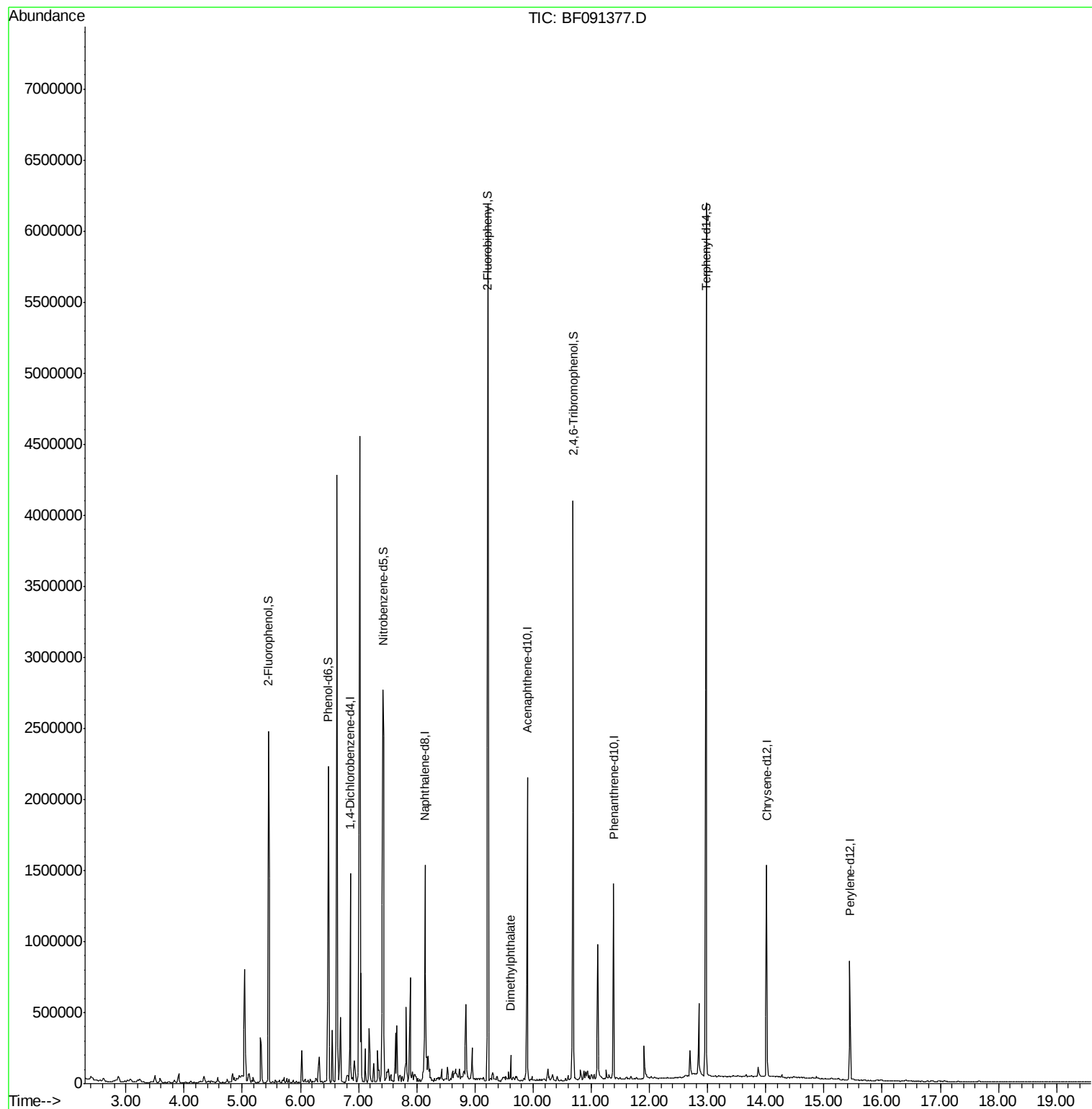
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	193273	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	739173	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	456500	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	730628	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	529243	20.00	ng	-0.03
86) Perylene-d12	15.44	264	397737	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	760912	64.32	ng	-0.02
7) Phenol-d6	6.48	99	645492	44.32	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1152752	87.40	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	506855	117.28	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	2047639	81.22	ng	-0.02
78) Terphenyl-d14	12.97	244	2088714	85.78	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.61	163	64369	2.33	ng	Qvalue 97

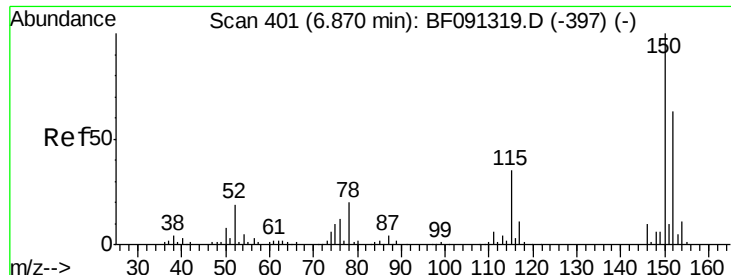
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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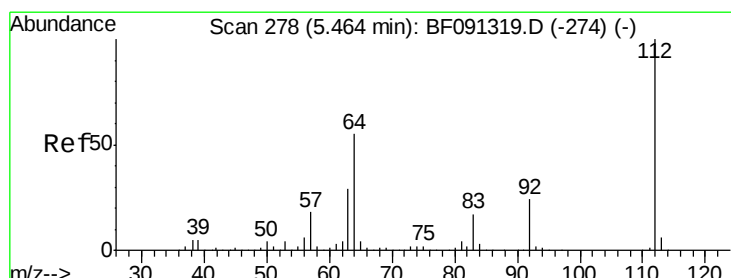
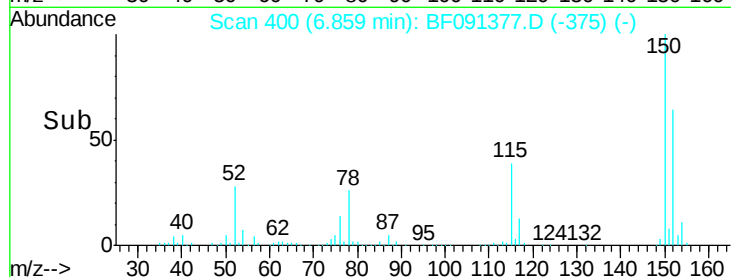
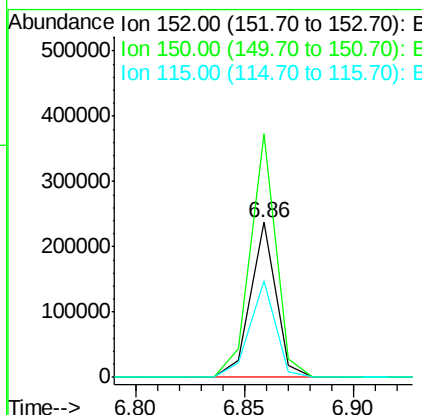
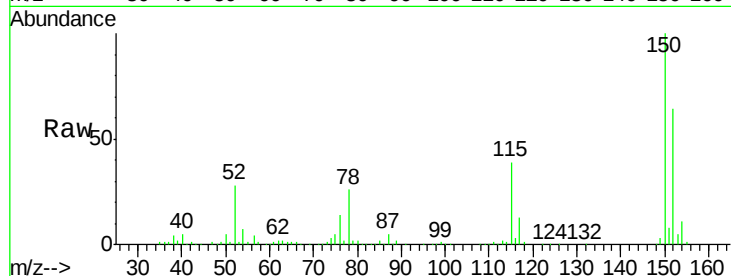




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 400
 Delta R.T. -0.02 min
 Lab File: BF091377.D
 Acq: 1 Dec 2016 17:16

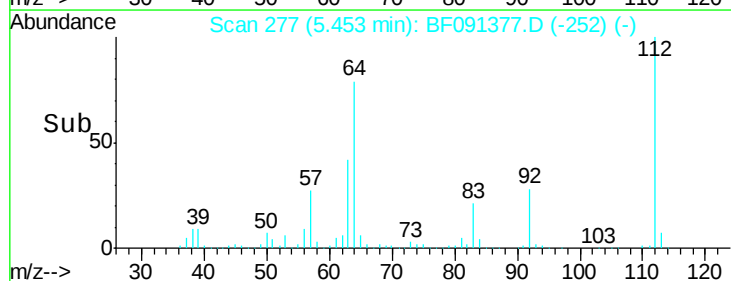
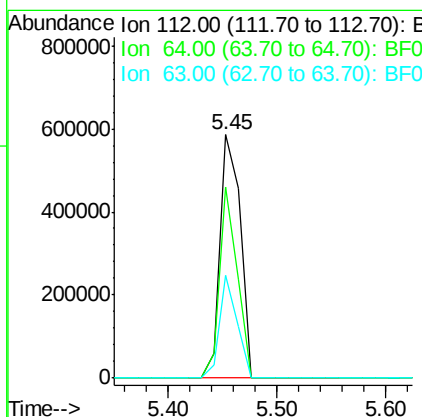
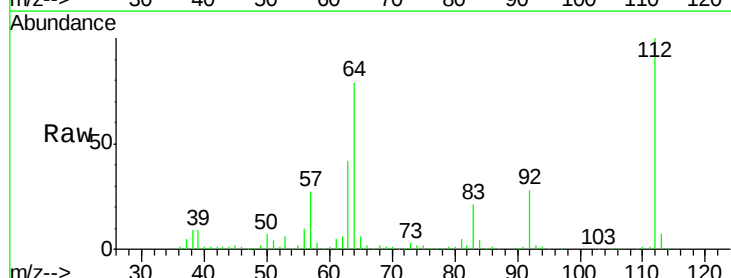
Instrument :
 BNA_F
 ClientSampleId :
 MW-2A-112916

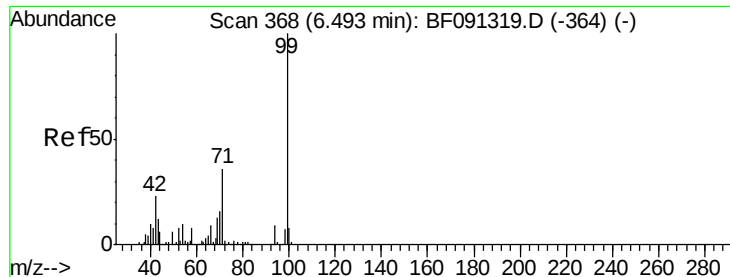
Tot Ion:152 Resp: 193273
 Ion Ratio Lower Upper
 152 100
 150 157.3 122.5 183.7
 115 62.1 51.8 77.8



#5
 2-Fluorophenol
 Concen: 64.32 ng
 RT: 5.45 min Scan# 277
 Delta R.T. -0.02 min
 Lab File: BF091377.D
 Acq: 1 Dec 2016 17:16

Tgt Ion:112 Resp: 760912
 Ion Ratio Lower Upper
 112 100
 64 78.5 61.5 92.3
 63 42.1 33.3 49.9





#7

Phenol-d6

Concen: 44.32 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091377.D

Acq: 1 Dec 2016 17:16

Instrument :

BNA_F

ClientSampleId :

MW-2A-112916

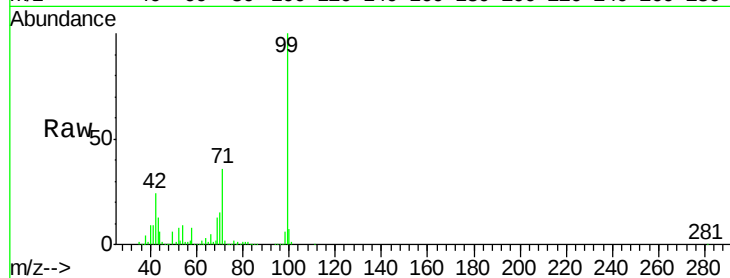
Tot Ion: 99 Resp: 645492

Ion Ratio Lower Upper

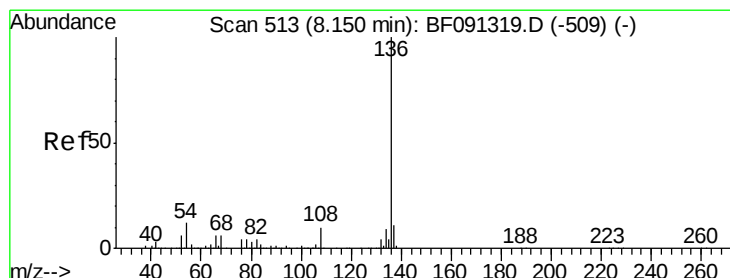
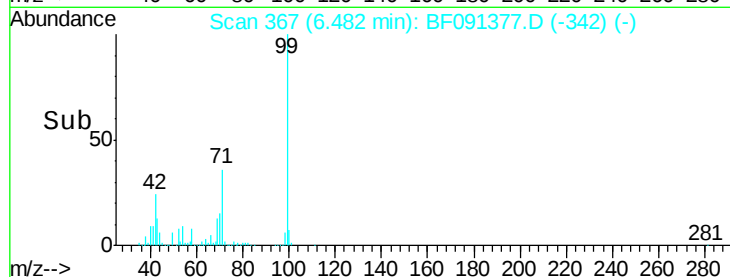
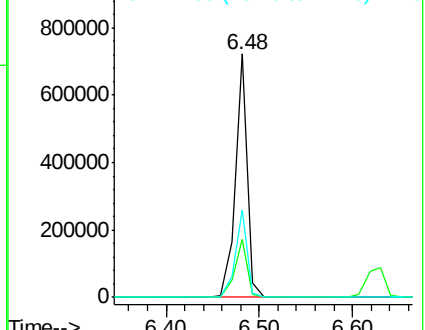
99 100

42 23.9 20.6 31.0

71 35.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF091377.D

Acq: 1 Dec 2016 17:16

Tgt Ion: 136 Resp: 739173

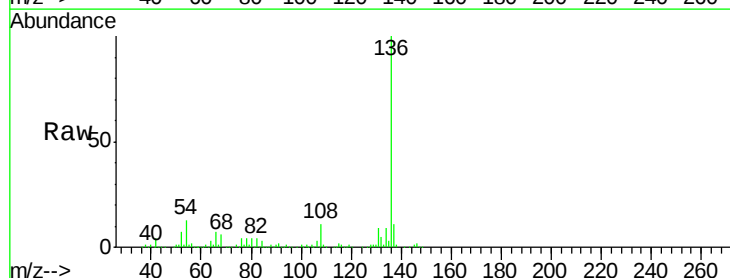
Ion Ratio Lower Upper

136 100

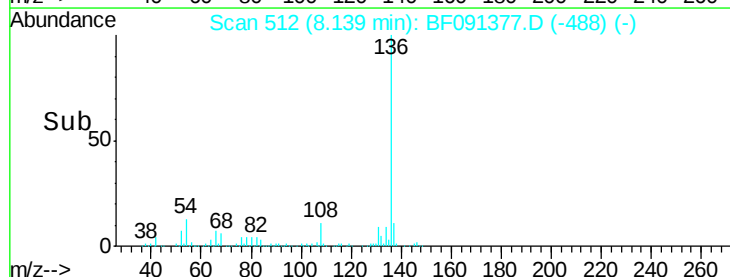
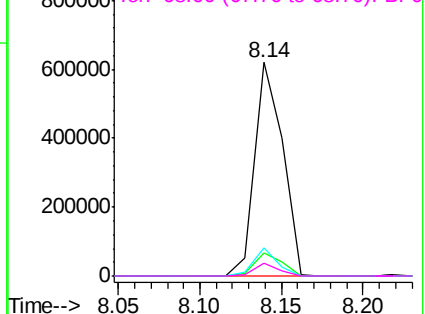
137 11.1 9.1 13.7

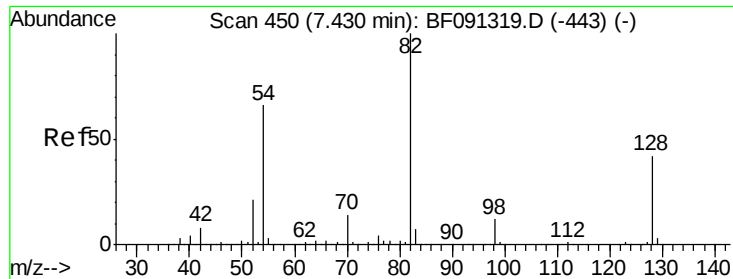
54 13.1 9.1 13.7

68 6.3 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

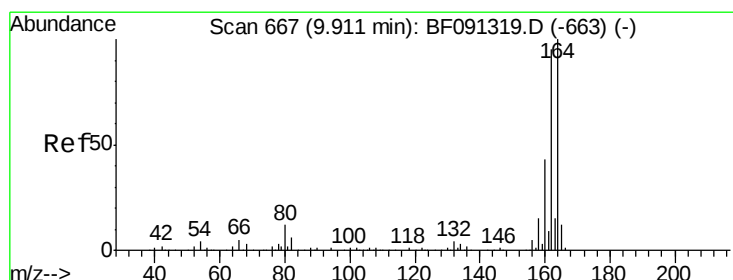
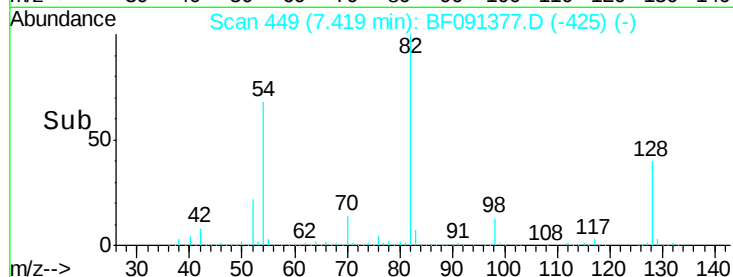
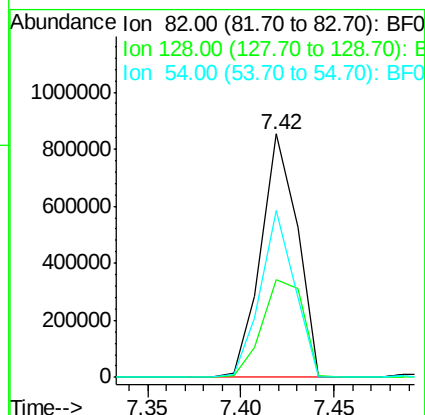
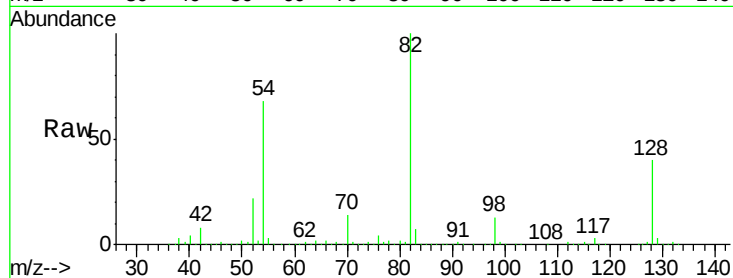




#23
Nitrobenzene-d5
Concen: 87.40 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091377.D
Acq: 1 Dec 2016 17:16

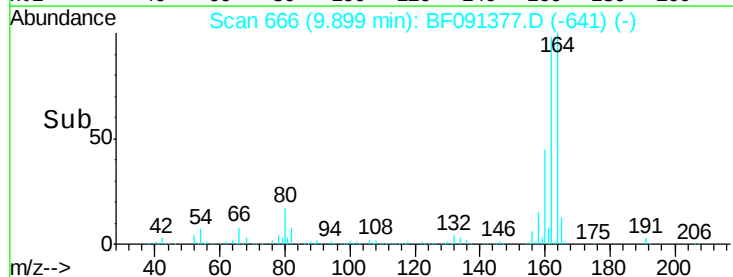
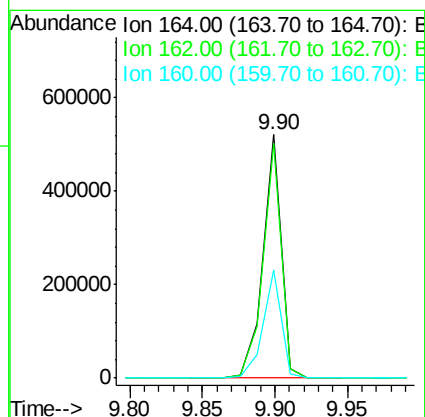
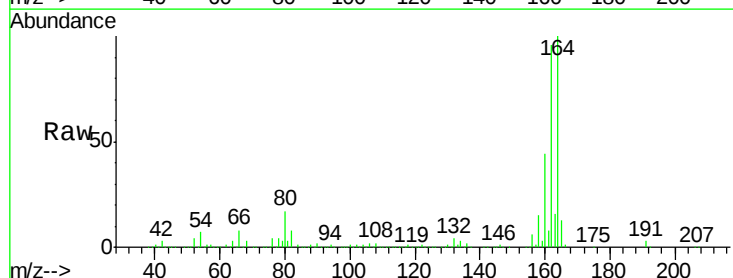
Instrument :
BNA_F
ClientSampleId :
MW-2A-112916

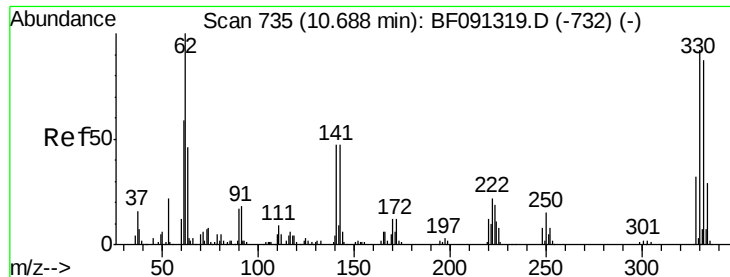
Tot Ion: 82 Resp: 1152752
Ion Ratio Lower Upper
82 100
128 40.2 31.8 47.6
54 68.5 49.1 73.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091377.D
Acq: 1 Dec 2016 17:16

Tgt Ion:164 Resp: 456500
Ion Ratio Lower Upper
164 100
162 96.3 82.6 124.0
160 44.1 36.7 55.1

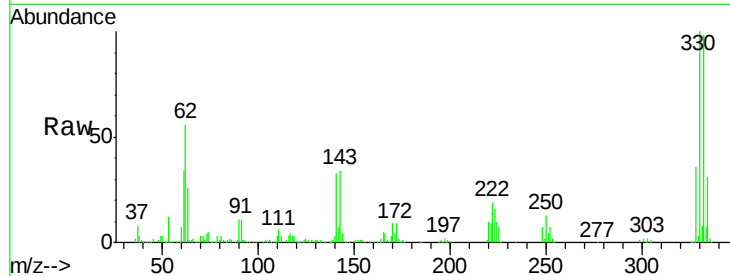




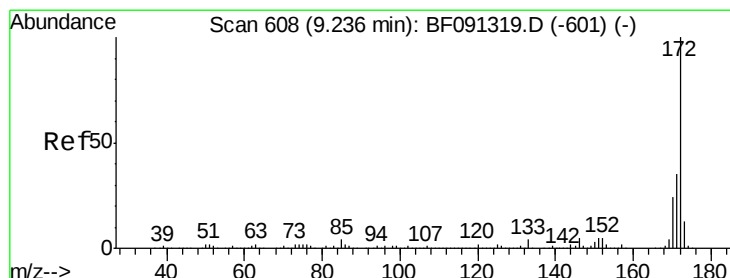
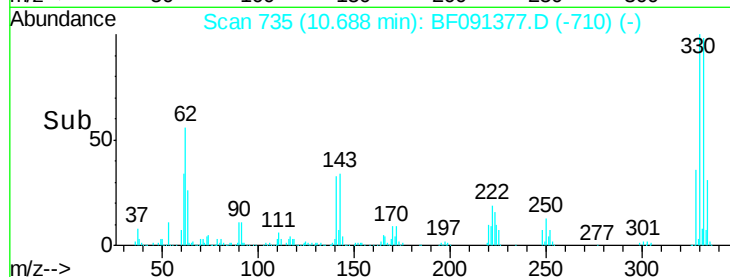
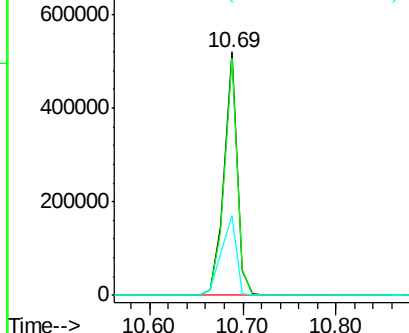
#41
 2,4,6-Tribromophenol
 Concen: 117.28 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091377.D
 Acq: 1 Dec 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-2A-112916

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.2	114.4
141	37.3	33.6	50.4

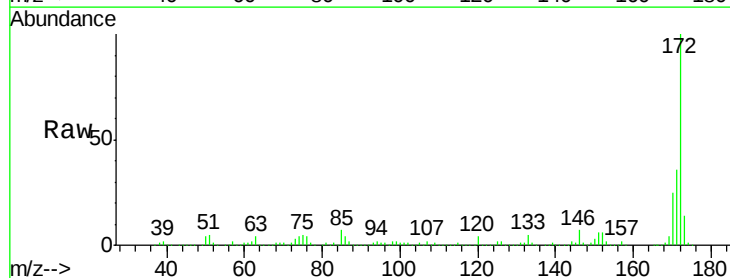


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

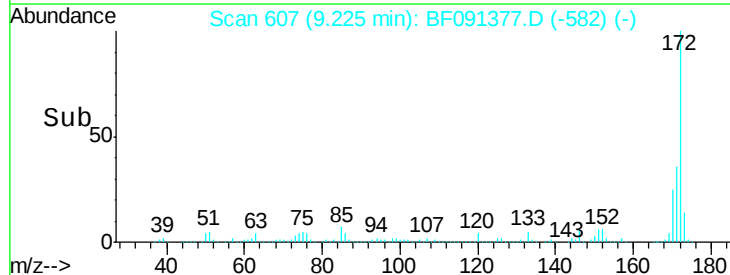
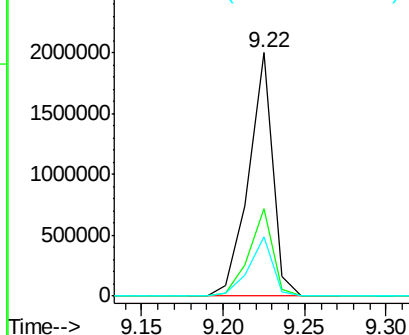


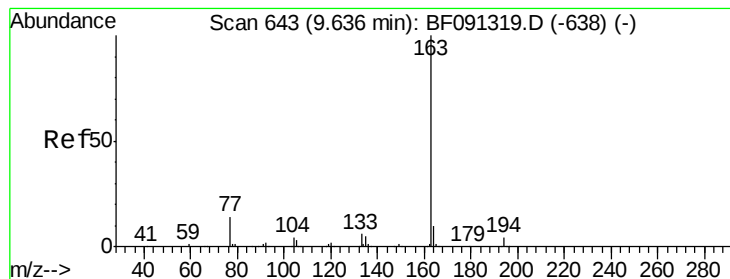
#44
 2-Fluorobiphenyl
 Concen: 81.22 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091377.D
 Acq: 1 Dec 2016 17:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.5	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: 2.33 ng

RT: 9.61 min Scan# 641

Delta R.T. -0.04 min

Lab File: BF091377.D

Acq: 1 Dec 2016 17:16

Instrument :

BNA_F

ClientSampleId :

MW-2A-112916

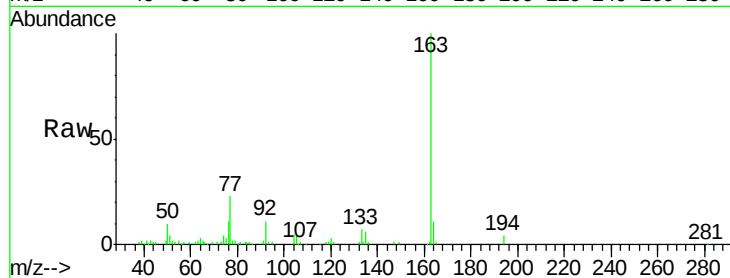
Tot Ion:163 Resp: 64369

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

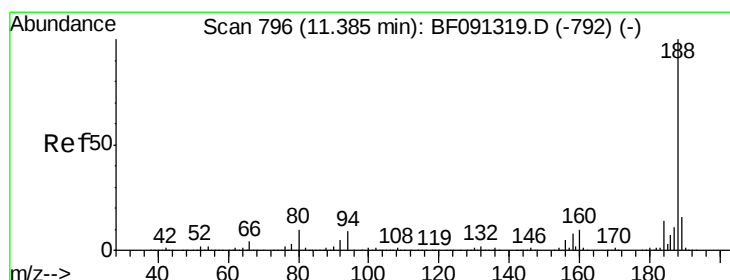
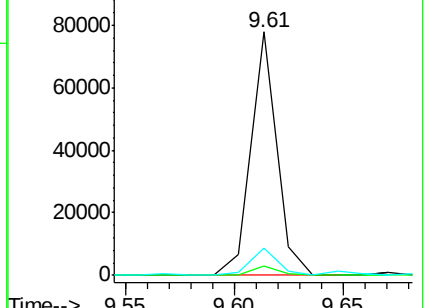
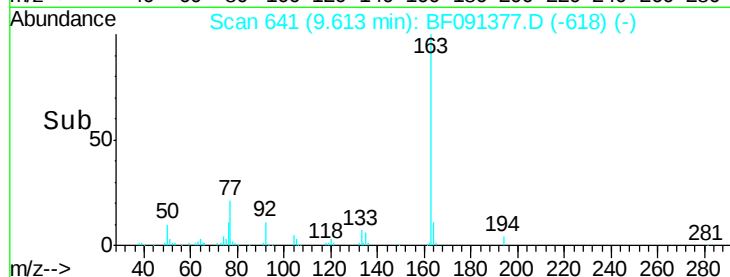
164 11.3 7.8 11.8



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: 11.38 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF091377.D

Acq: 1 Dec 2016 17:16

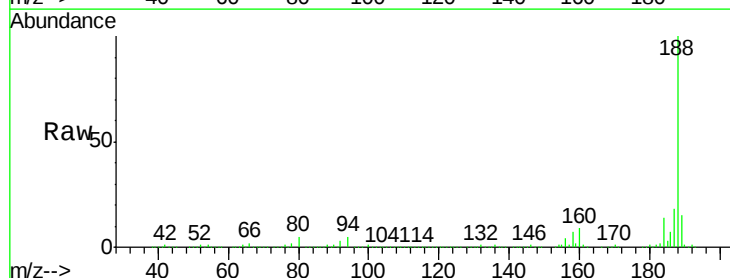
Tgt Ion:188 Resp: 730628

Ion Ratio Lower Upper

188 100

94 5.2 9.2 13.8#

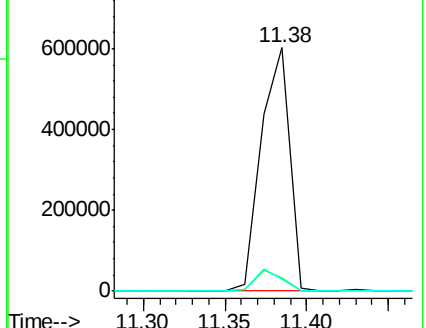
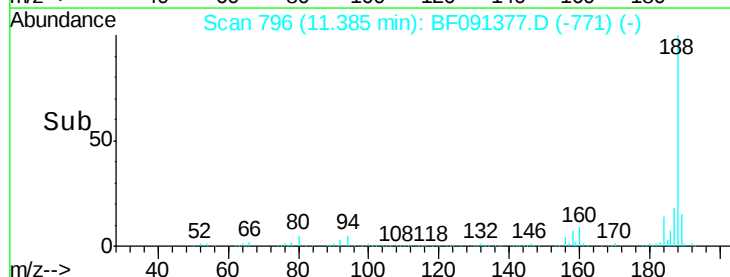
80 5.2 10.5 15.7#

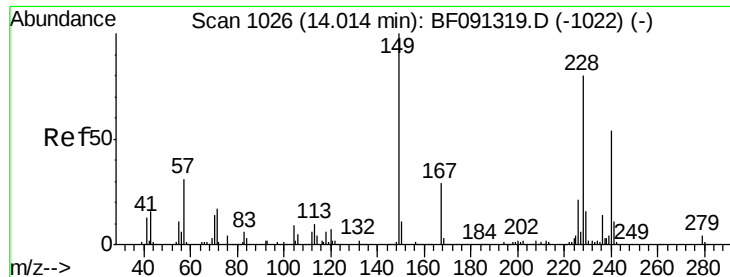


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF091377.D

Acq: 1 Dec 2016 17:16

Instrument :

BNA_F

ClientSampleId :

MW-2A-112916

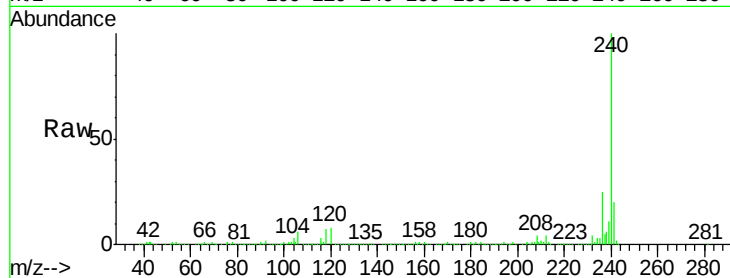
Tot Ion:240 Resp: 529243

Ion Ratio Lower Upper

240 100

120 8.3 12.1 18.1#

236 25.2 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

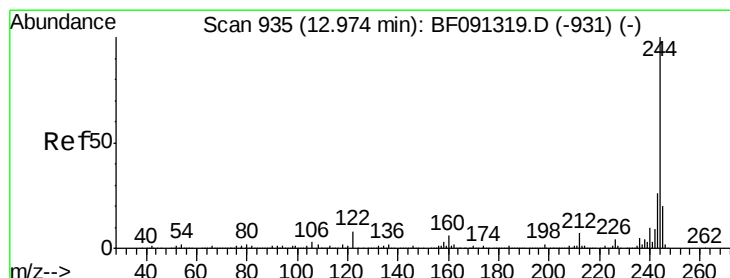
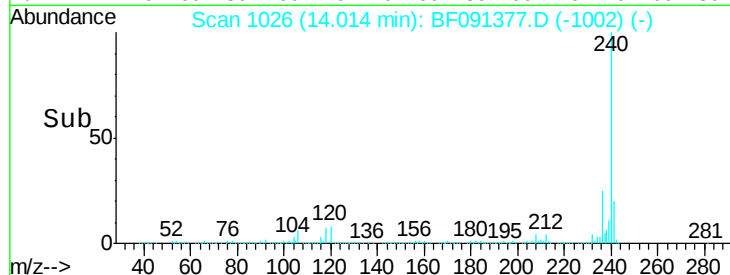
200000

0

14.01

13.90 14.00 14.10 14.20

Time-->



#78

Terphenyl-d14

Concen: 85.78 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091377.D

Acq: 1 Dec 2016 17:16

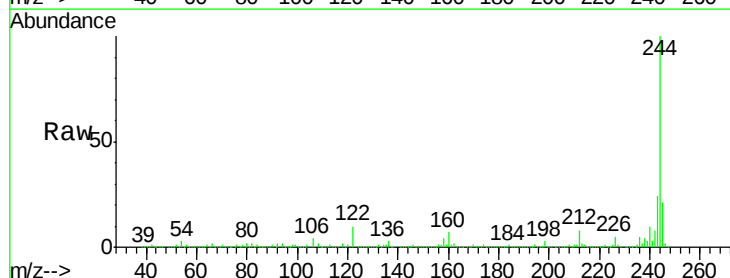
Tgt Ion:244 Resp: 2088714

Ion Ratio Lower Upper

244 100

212 7.6 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

2500000

2000000

1500000

1000000

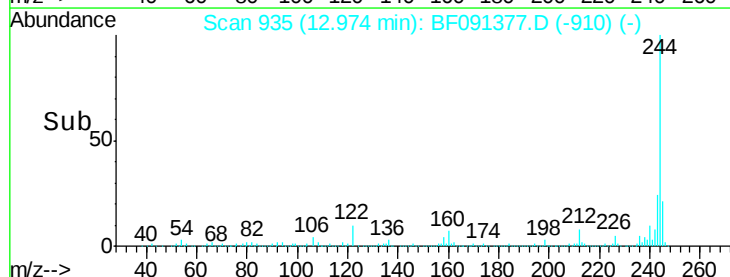
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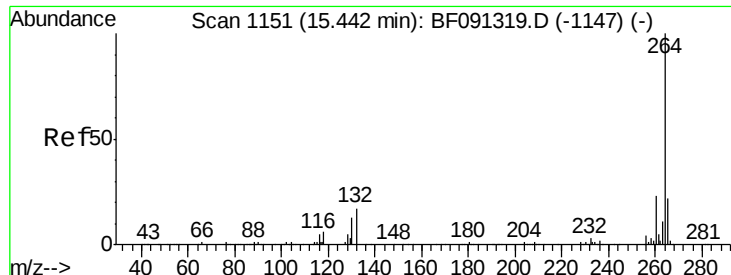
0

12.97

13.00 13.20

Time-->





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091377.D
 Acq: 1 Dec 2016 17:16

Instrument :
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Tot Ion:264 Resp: 397737
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 22.0 17.0 25.6

