

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
 Data File : BF091174.D
 Acq On : 15 Nov 2016 12:35
 Operator : UM/SJ
 Sample : H5636-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS043041

Quant Time: Nov 16 00:37:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

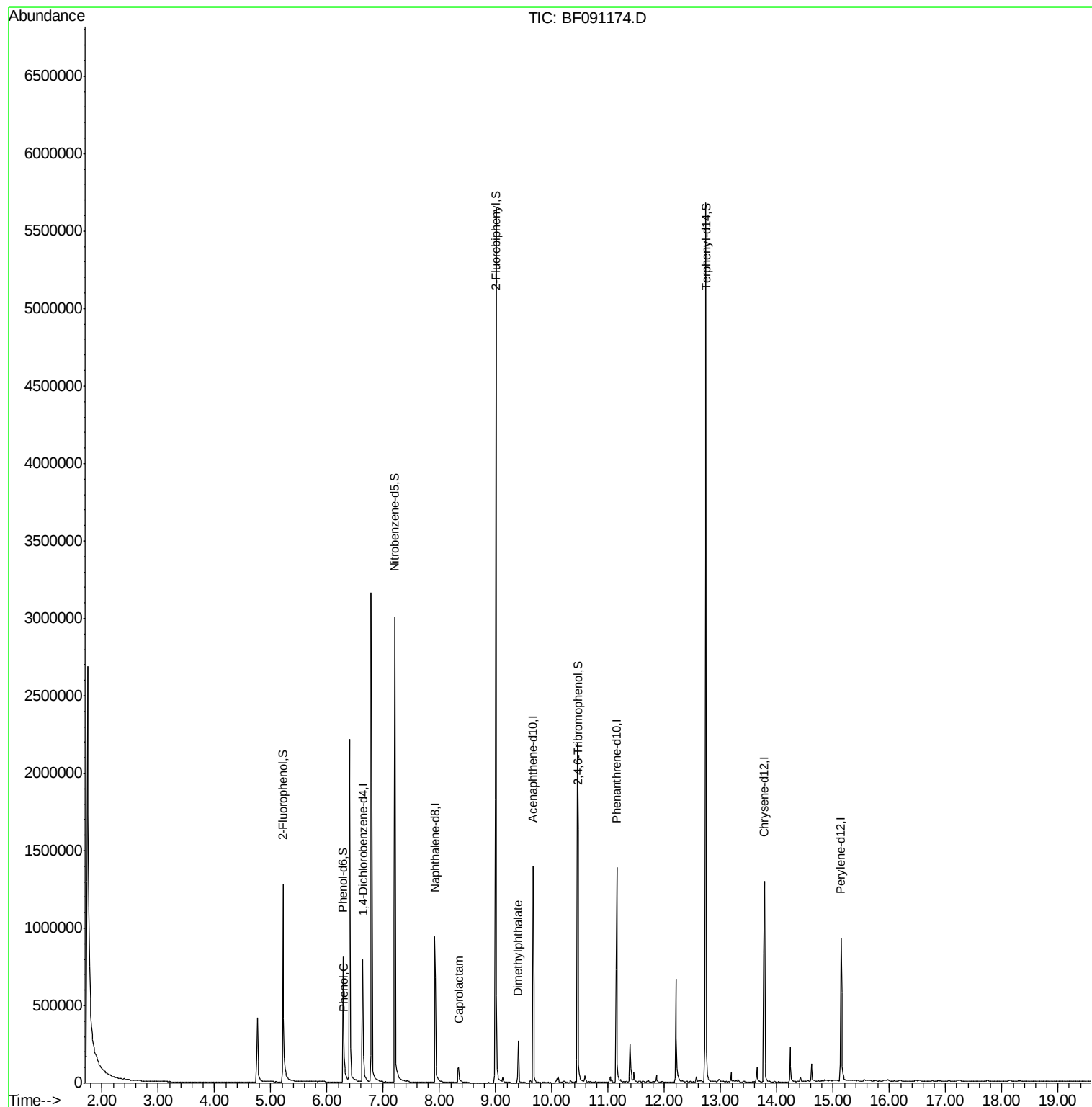
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	152752	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	655573	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	342537	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	632916	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	556398	20.00	ng	-0.03
86) Perylene-d12	15.14	264	431814	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	464886	50.26	ng	-0.02
7) Phenol-d6	6.28	99	408942	32.57	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1218134	101.36	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	402813	130.08	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1877788	94.38	ng	-0.03
78) Terphenyl-d14	12.74	244	2134475	95.73	ng	-0.02
Target Compounds						
10) Phenol	6.30	94	35510	2.56	ng	# 67
35) Caprolactam	8.34	113	17821	7.00	ng	# 76
49) Dimethylphthalate	9.40	163	118873	5.29	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF091174.D

Acq: 15 Nov 2016 12:35

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CPS043041

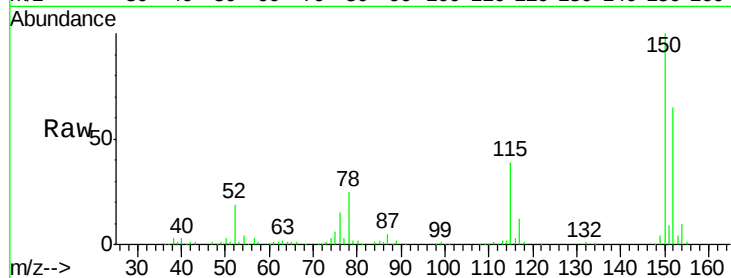
Tot Ion:152 Resp: 152752

Ion Ratio Lower Upper

152 100

150 153.7 126.8 190.2

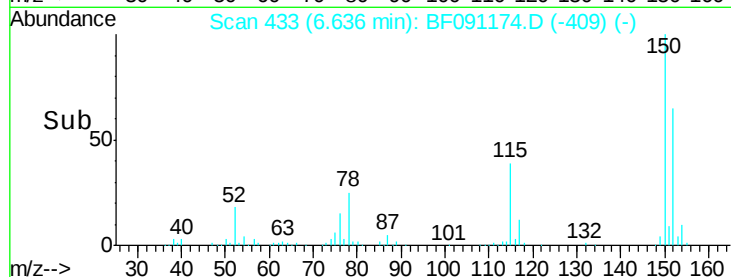
115 60.2 53.3 79.9



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



Time-->



#5

2-Fluorophenol

Concen: 50.26 ng

RT: 5.22 min Scan# 309

Delta R.T. -0.02 min

Lab File: BF091174.D

Acq: 15 Nov 2016 12:35

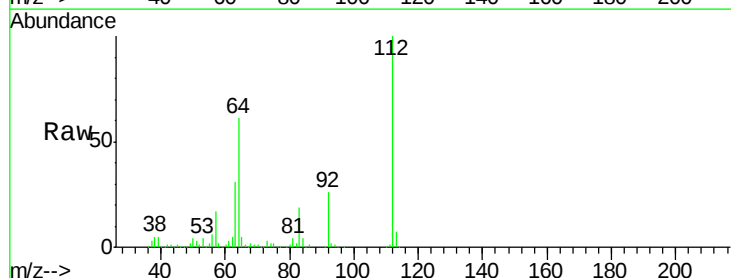
Tgt Ion:112 Resp: 464886

Ion Ratio Lower Upper

112 100

64 61.4 55.8 83.6

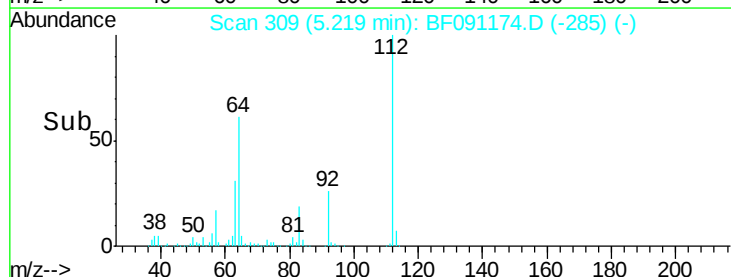
63 31.0 28.0 42.0



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



Time-->



#7

Phenol-d6

Concen: 32.57 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091174.D

Acq: 15 Nov 2016 12:35

Instrument :

BNA_F

ClientSampleId :

CPS043041

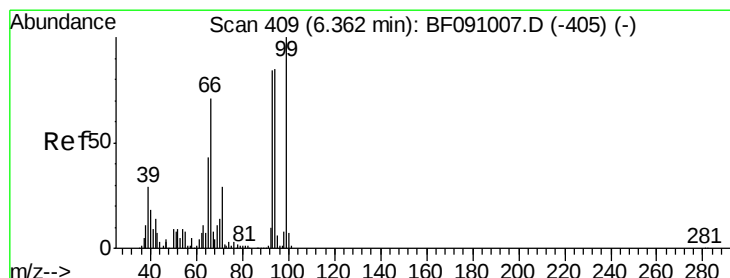
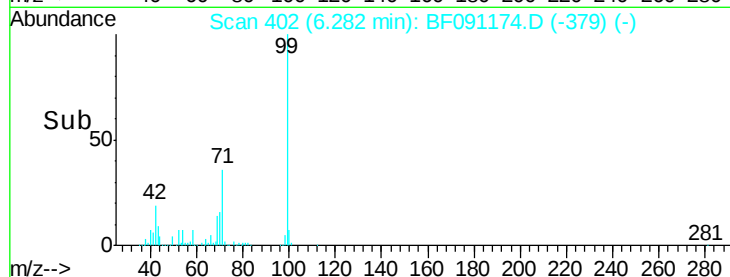
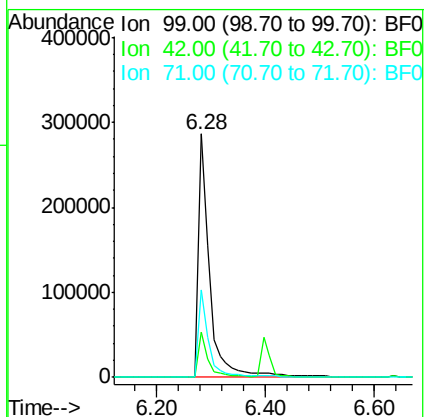
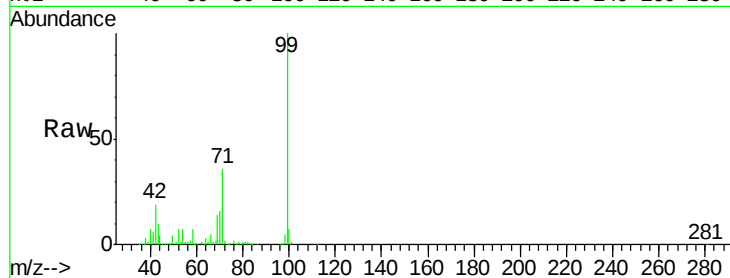
Tot Ion: 99 Resp: 408942

Ion Ratio Lower Upper

99 100

42 18.6 13.9 20.9

71 35.7 27.8 41.8



#10

Phenol

Concen: 2.56 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF091174.D

Acq: 15 Nov 2016 12:35

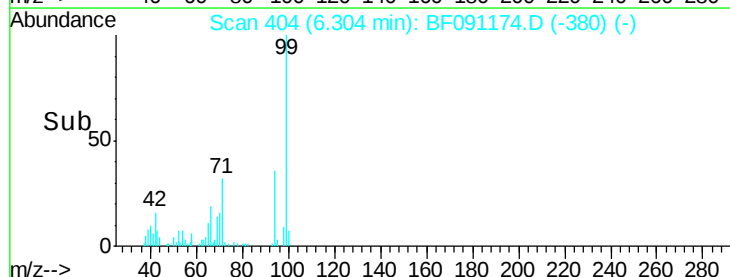
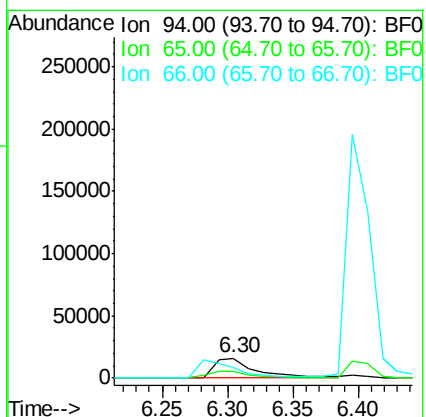
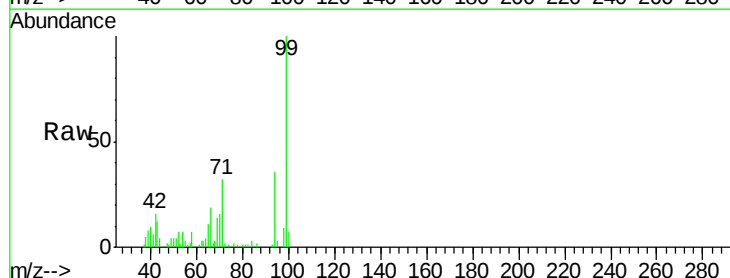
Tgt Ion: 94 Resp: 35510

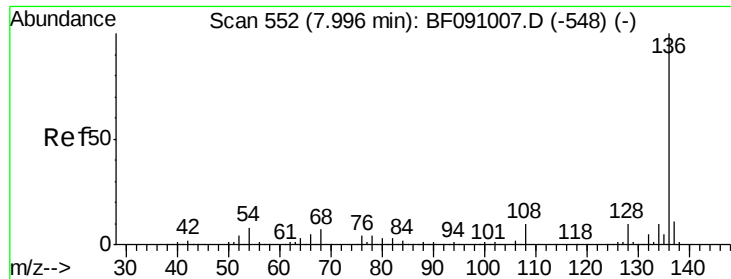
Ion Ratio Lower Upper

94 100

65 31.0 30.4 70.4

66 50.8 62.9 102.9#

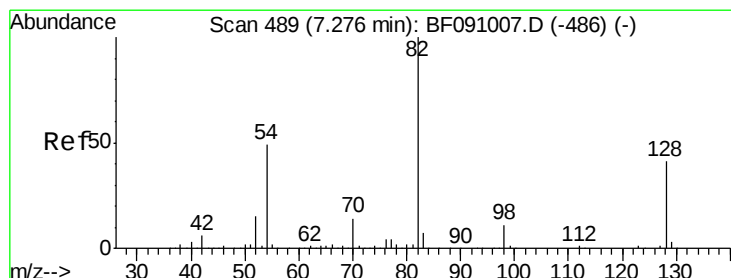
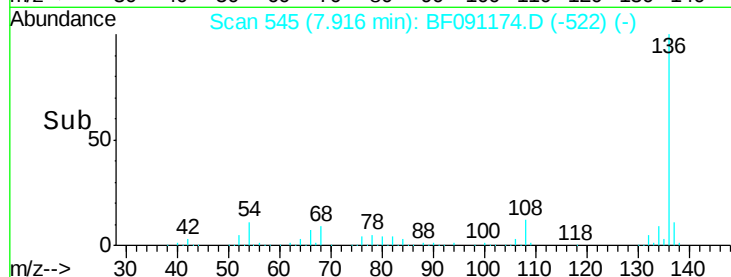
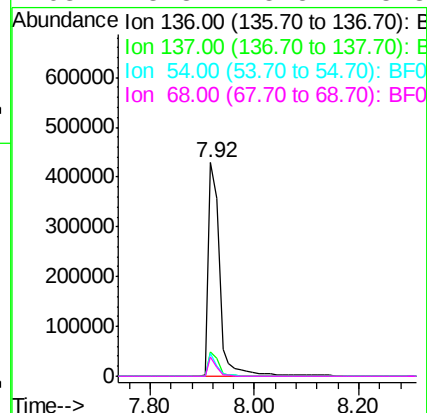
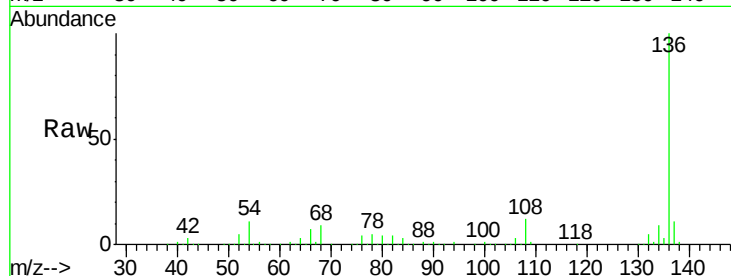




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF091174.D
Acq: 15 Nov 2016 12:35

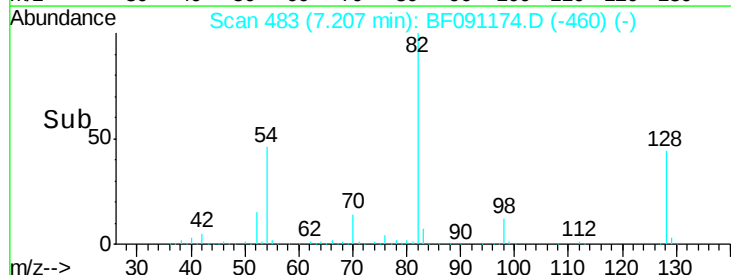
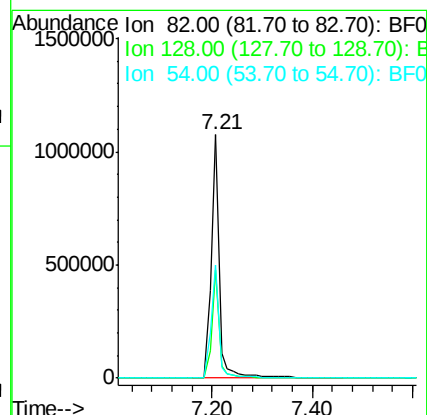
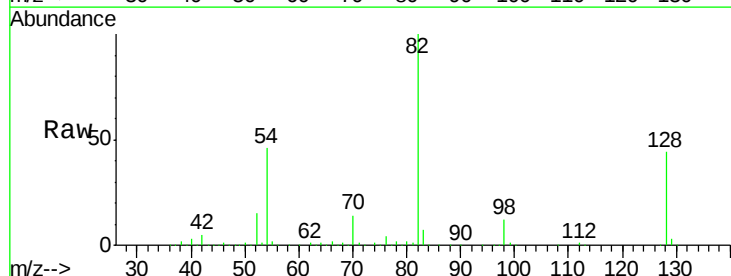
Instrument :
BNA_F
ClientSampleId :
CPS043041

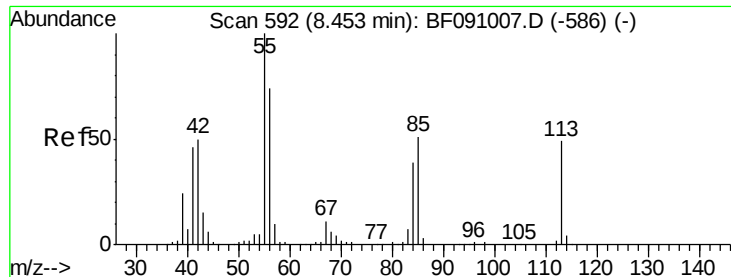
Tot Ion:136	Resp:	655573	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.9	13.3	
54 10.7	6.2	9.2#	
68 8.8	5.5	8.3#	



#23
Nitrobenzene-d5
Concen: 101.36 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091174.D
Acq: 15 Nov 2016 12:35

Tgt Ion: 82	Resp: 1218134
Ion Ratio	Lower Upper
82 100	
128 44.4	32.4 48.6
54 46.4	39.2 58.8

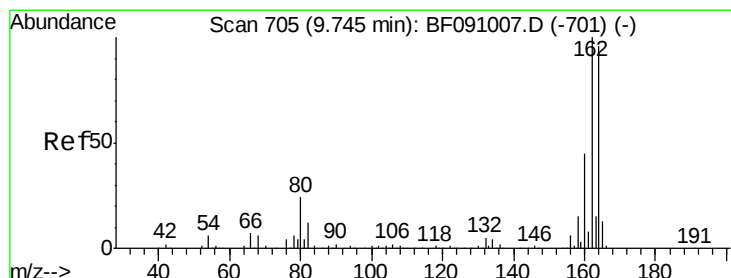
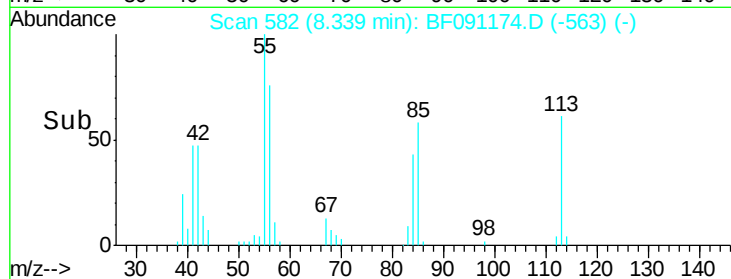
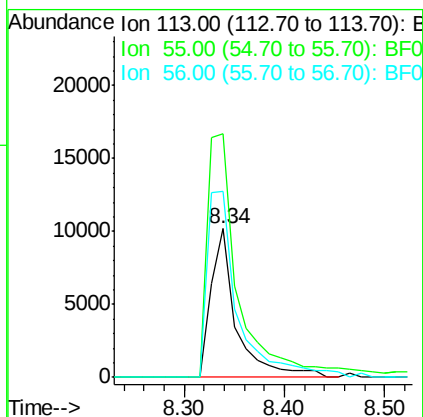
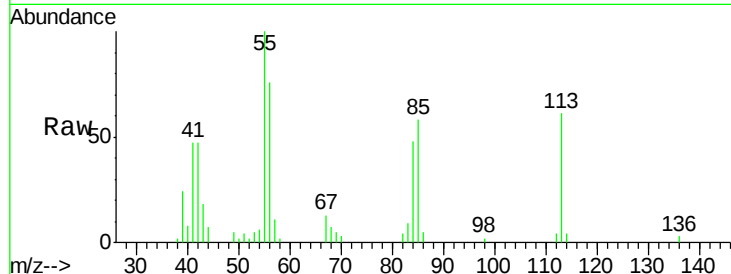




#35
 Caprolactam
 Concen: 7.00 ng
 RT: 8.34 min Scan# 582
 Delta R.T. -0.08 min
 Lab File: BF091174.D
 Acq: 15 Nov 2016 12:35

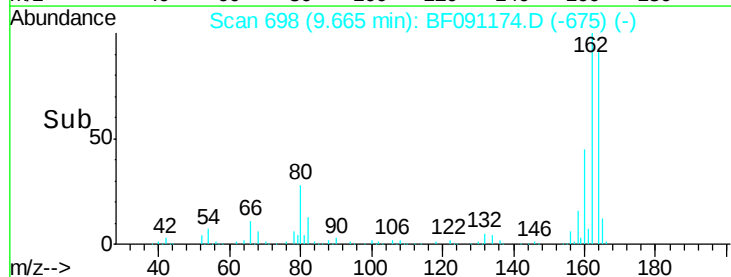
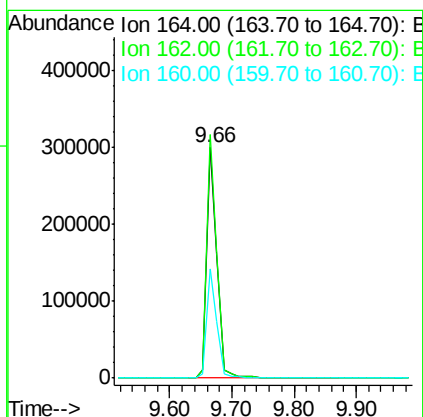
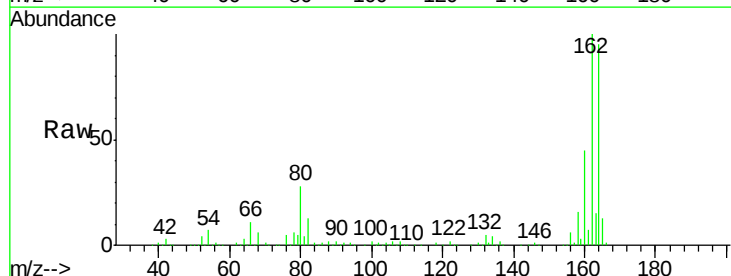
Instrument :
 BNA_F
 ClientSampleId :
 CPS043041

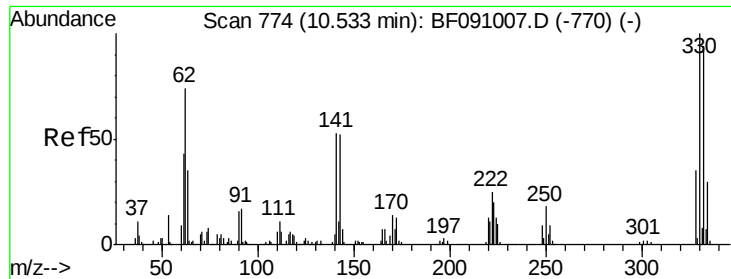
Tot Ion:113 Resp: 17821
 Ion Ratio Lower Upper
 113 100
 55 164.1 184.1 224.1#
 56 125.2 132.0 172.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 698
 Delta R.T. -0.03 min
 Lab File: BF091174.D
 Acq: 15 Nov 2016 12:35

Tgt Ion:164 Resp: 342537
 Ion Ratio Lower Upper
 164 100
 162 105.7 83.6 125.4
 160 47.6 37.9 56.9

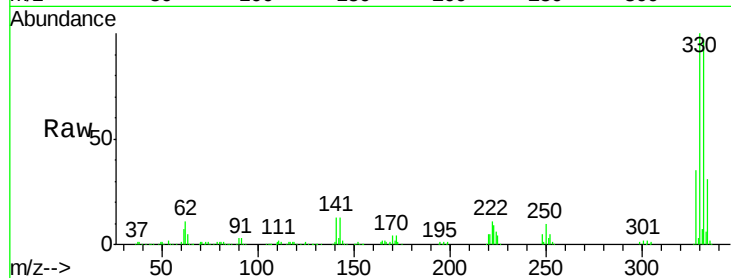




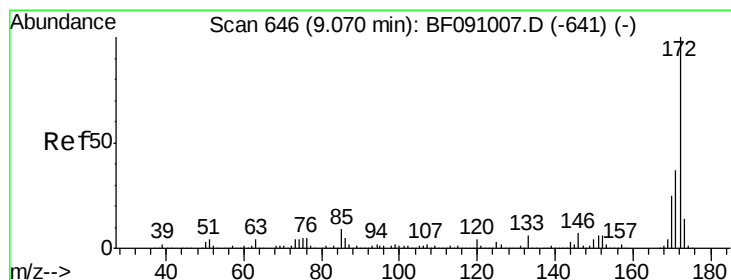
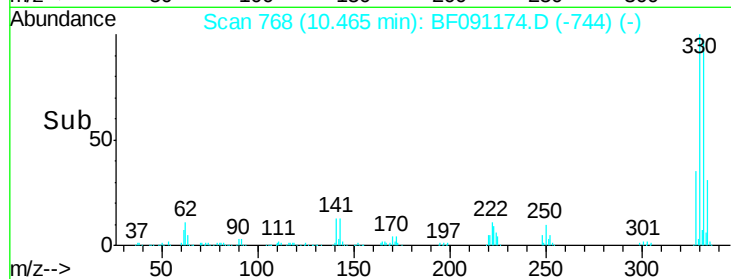
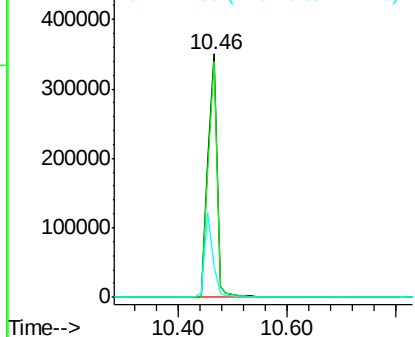
#41
 2,4,6-Tribromophenol
 Concen: 130.08 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091174.D
 Acq: 15 Nov 2016 12:35

Instrument :
 BNA_F
 ClientSampleId :
 CPS043041

Tot Ion:330 Resp: 402813
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.9 113.9
 141 32.4 36.1 54.1#

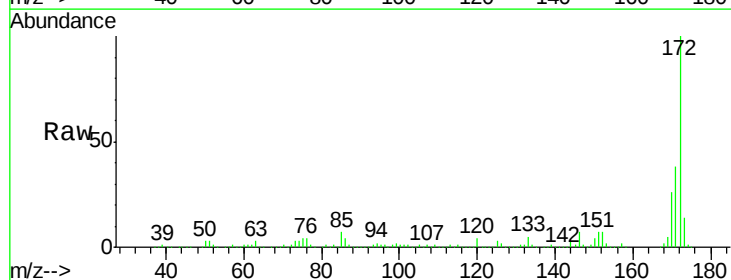


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

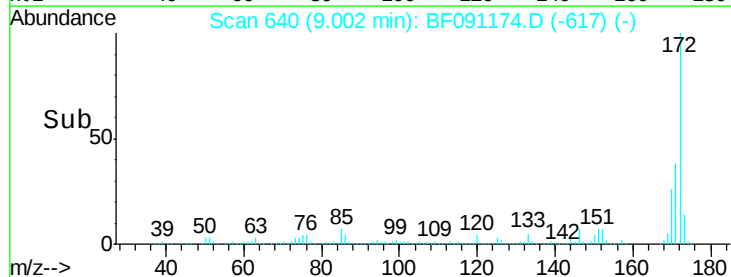
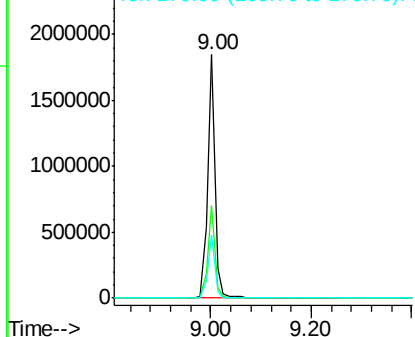


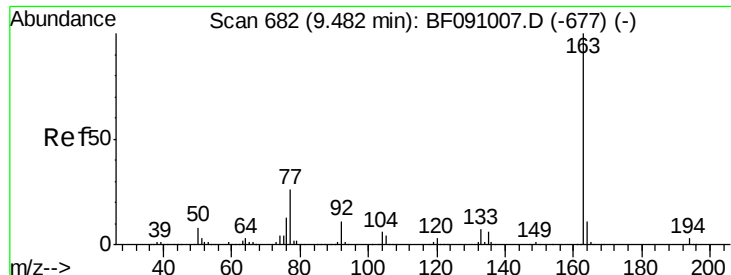
#44
 2-Fluorobiphenyl
 Concen: 94.38 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091174.D
 Acq: 15 Nov 2016 12:35

Tgt Ion:172 Resp: 1877788
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.8 44.6
 170 26.0 20.3 30.5



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

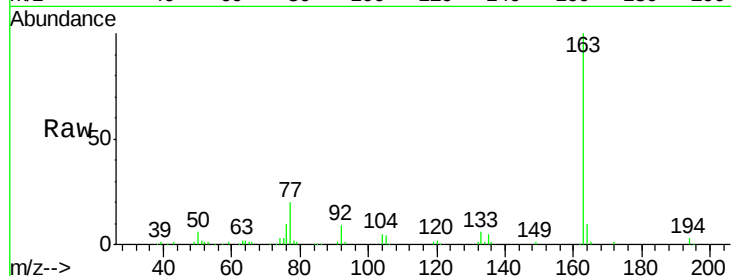




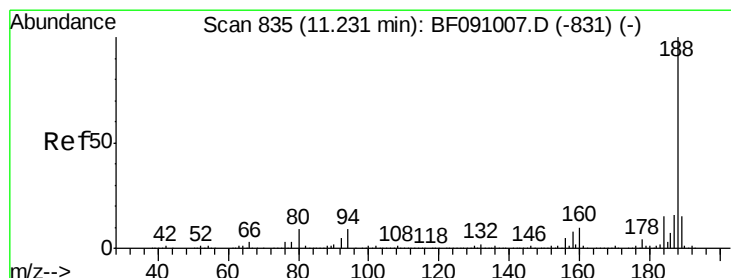
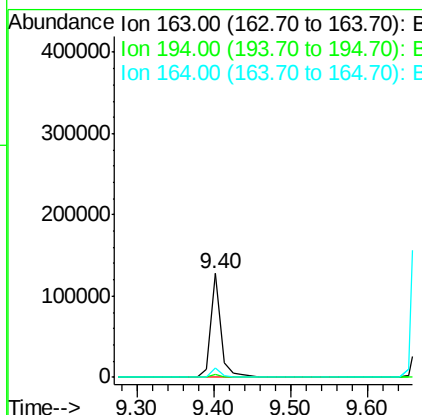
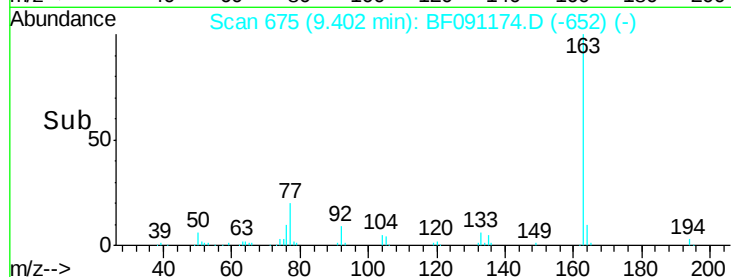
#49
Dimethylphthalate
Concen: 5.29 ng
RT: 9.40 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF091174.D
Acq: 15 Nov 2016 12:35

Instrument :
BNA_F
ClientSampleId :
CPS043041

Tot Ion:163 Resp: 118873
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.7 8.7 13.1

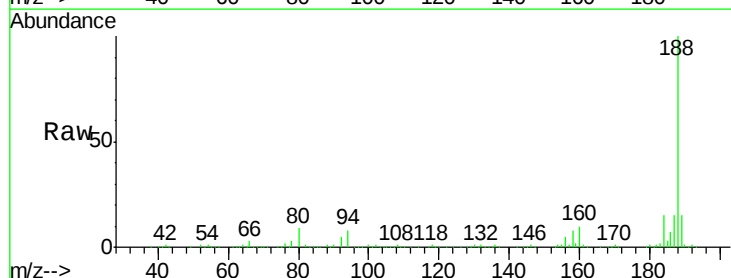


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

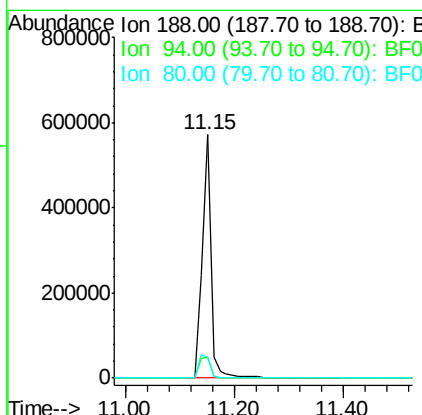
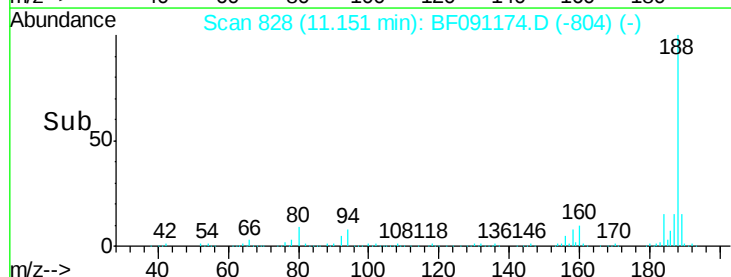


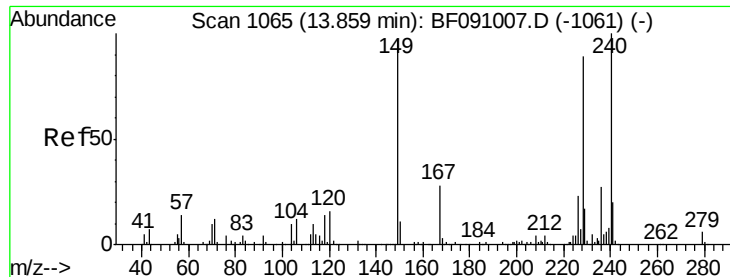
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091174.D
Acq: 15 Nov 2016 12:35

Tgt Ion:188 Resp: 632916
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 8.8 7.5 11.3



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: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091174.D

Acq: 15 Nov 2016 12:35

Instrument :

BNA_F

ClientSampleId :

CPS043041

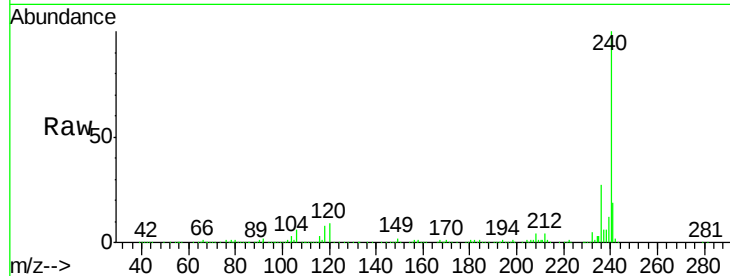
Tot Ion:240 Resp: 556398

Ion Ratio Lower Upper

240 100

120 9.3 12.9 19.3#

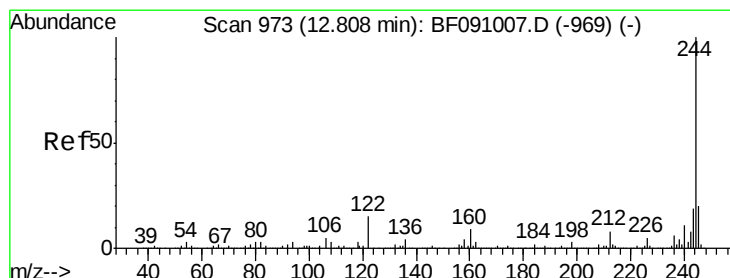
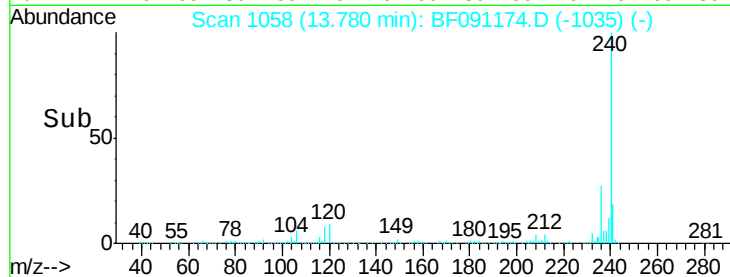
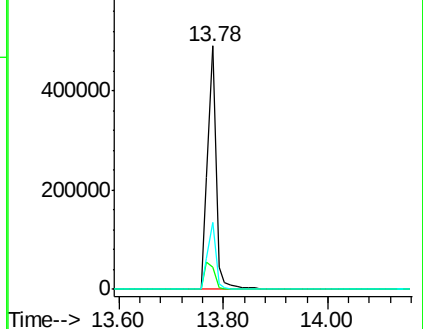
236 27.5 21.9 32.9



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: 95.73 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091174.D

Acq: 15 Nov 2016 12:35

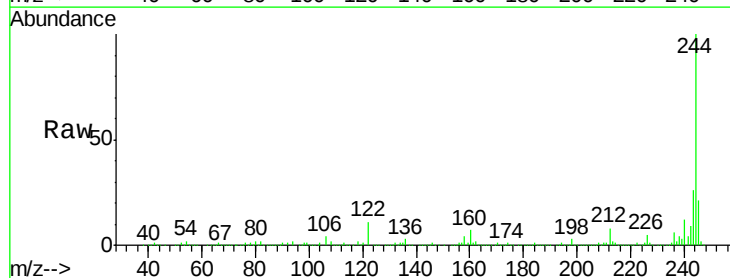
Tgt Ion:244 Resp: 2134475

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

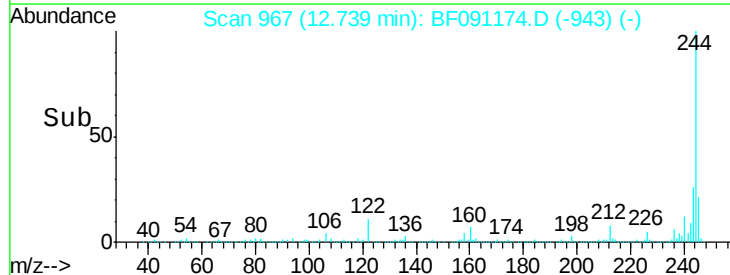
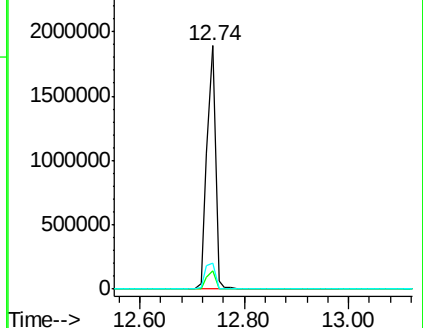
122 10.7 12.3 18.5#

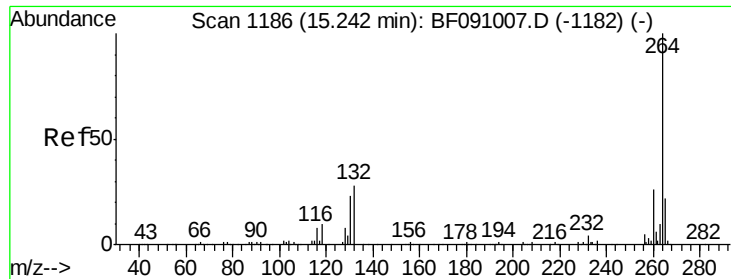


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

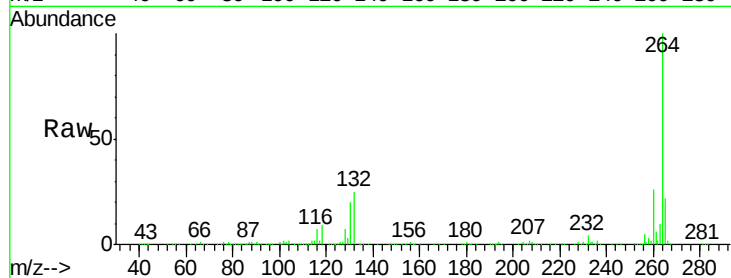




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BF091174.D
Acq: 15 Nov 2016 12:35

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.6	30.8
265	21.8	17.8	26.8



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

