

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092573.D
 Acq On : 27 Jan 2017 13:22
 Operator : SJ/MA
 Sample : I1353-09
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: Jan 27 14:01:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

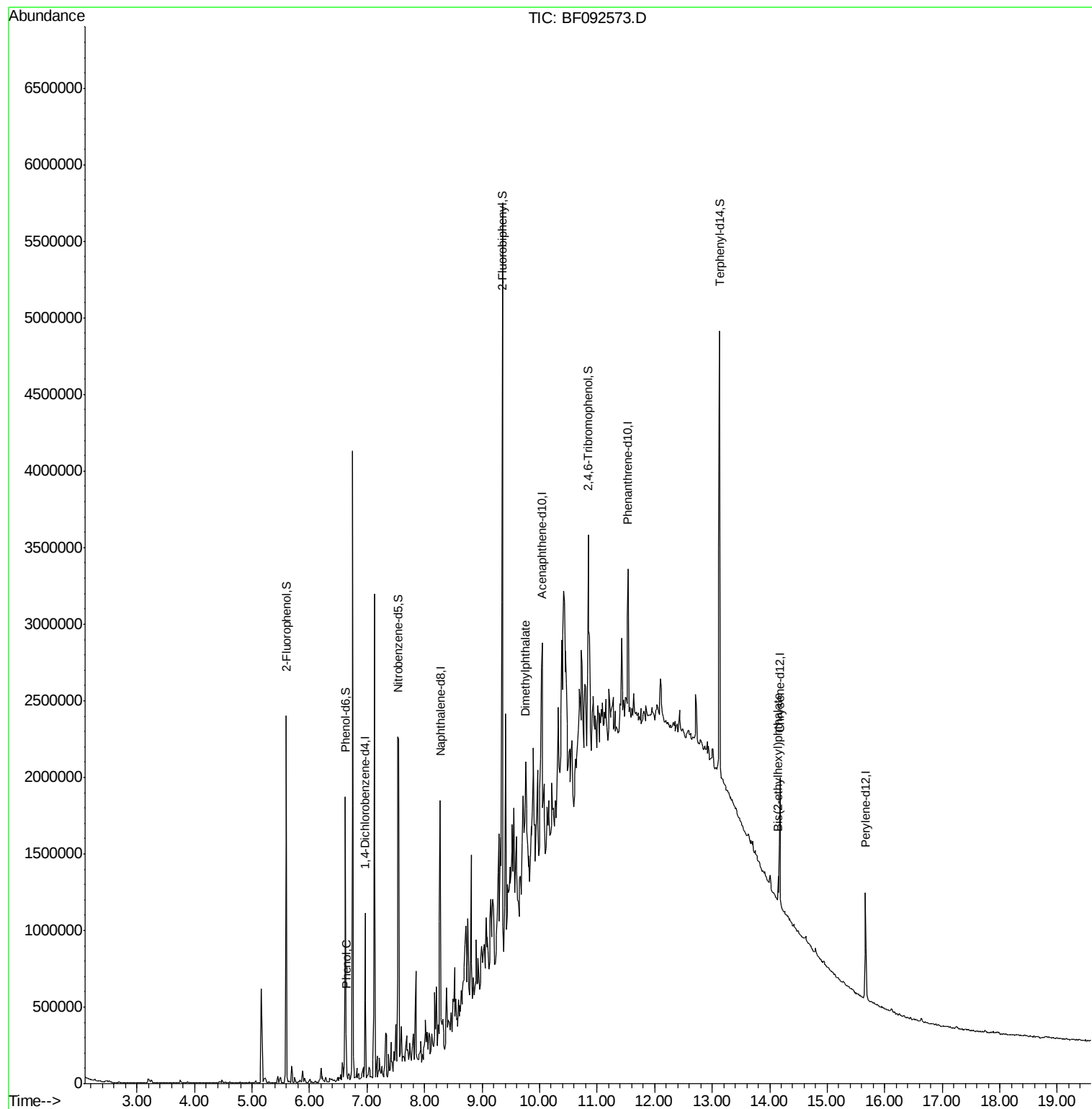
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	172376	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	695572	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	359027	20.00	ng	0.01
63) Phenanthrene-d10	11.54	188	470212	20.00	ng	0.01
75) Chrysene-d12	14.18	240	364552	20.00	ng	0.01
86) Perylene-d12	15.67	264	354125	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	787669	71.09	ng	0.05
7) Phenol-d6	6.62	99	672326	47.64	ng	0.03
23) Nitrobenzene-d5	7.54	82	1162393	91.29	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	296907	121.35	ng	0.02
44) 2-Fluorobiphenyl	9.36	172	1709317	88.04	ng	0.00
78) Terphenyl-d14	13.13	244	1265105	92.41	ng	0.01
Target Compounds						
10) Phenol	6.64	94	53276	3.13	ng	# 71
49) Dimethylphthalate	9.76	163	91632	4.01	ng	# 59
83) Bis(2-ethylhexyl)phthalate	14.15	149	55101	4.09	ng	# 90

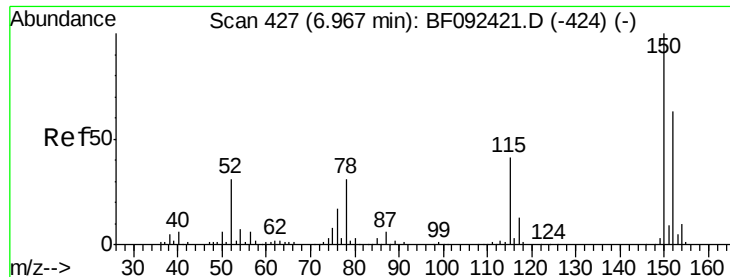
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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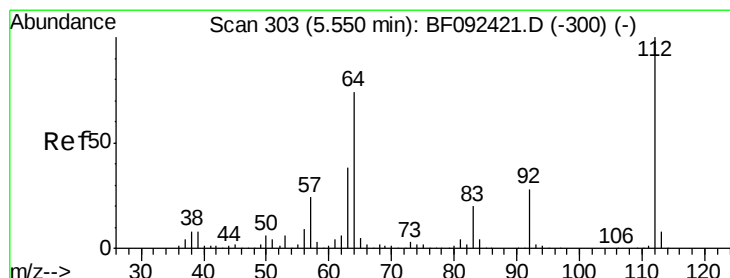
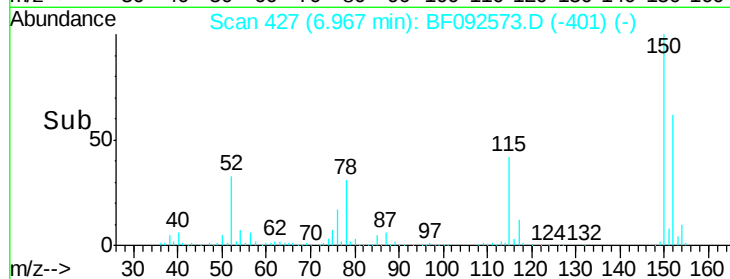
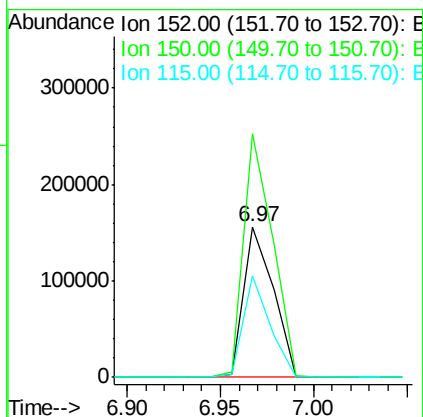
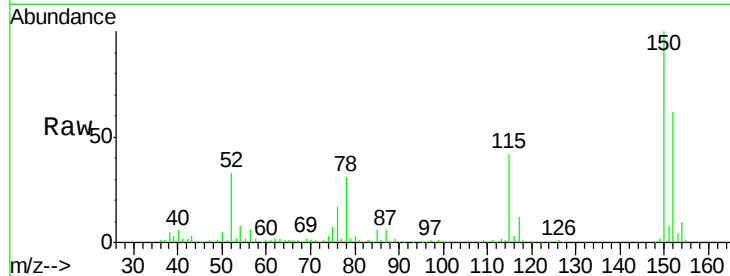


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092573.D
Acq: 27 Jan 2017 13:22

Instrument :
BNA_F
ClientSampleId :
MW-17

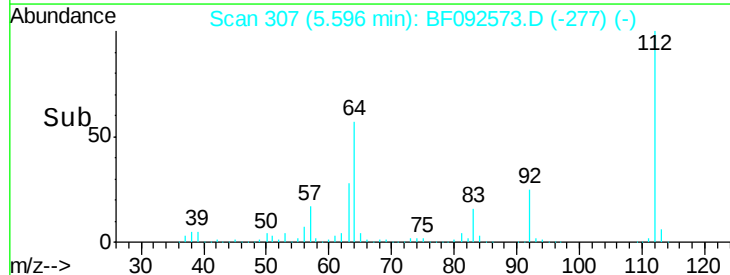
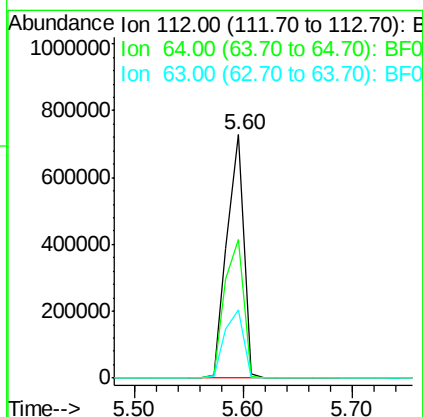
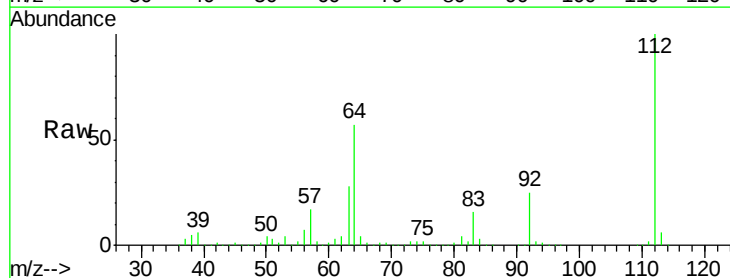
Tot Ion:152 Resp: 172376
Ion Ratio Lower Upper
152 100
150 161.5 124.9 187.3
115 67.2 46.0 69.0

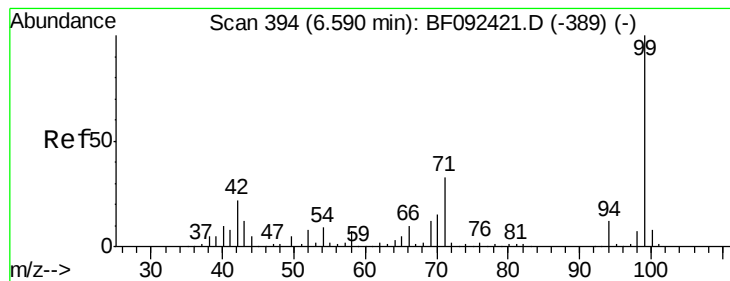


#5

2-Fluorophenol
Concen: 71.09 ng
RT: 5.60 min Scan# 307
Delta R.T. 0.05 min
Lab File: BF092573.D
Acq: 27 Jan 2017 13:22

Tgt Ion:112 Resp: 787669
Ion Ratio Lower Upper
112 100
64 56.9 46.1 69.1
63 28.1 23.8 35.6





#7

Phenol-d6

Concen: 47.64 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092573.D

Acq: 27 Jan 2017 13:22

Instrument :

BNA_F

ClientSampleId :

MW-17

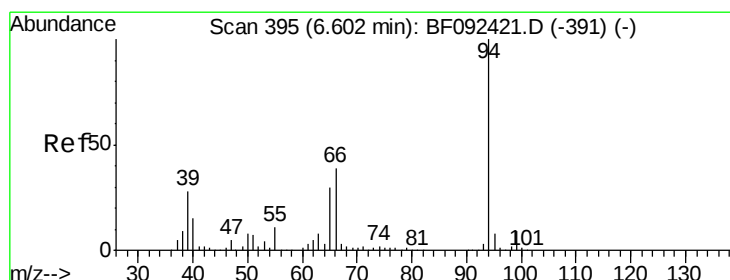
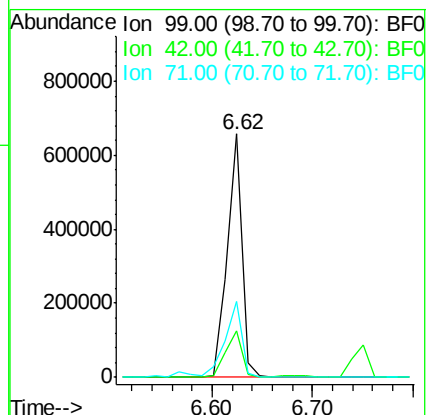
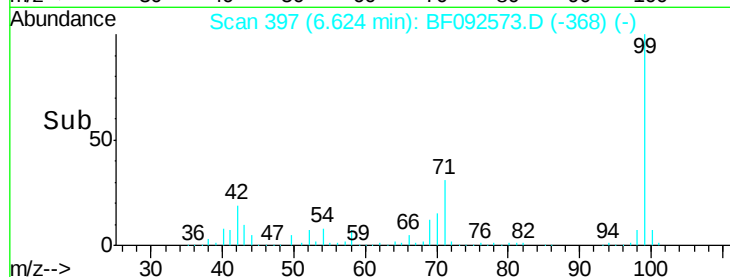
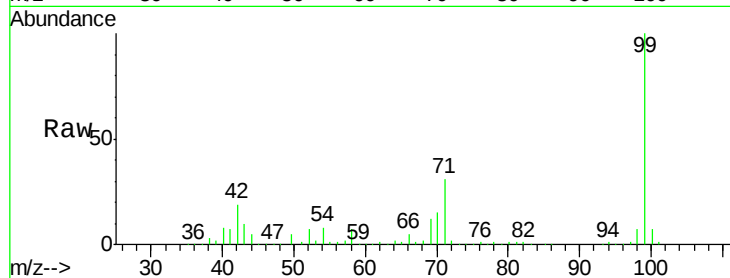
Tot Ion: 99 Resp: 672326

Ion Ratio Lower Upper

99 100

42 19.3 15.6 23.4

71 31.3 27.5 41.3



#10

Phenol

Concen: 3.13 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092573.D

Acq: 27 Jan 2017 13:22

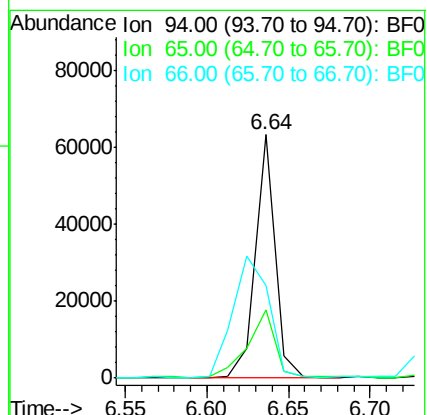
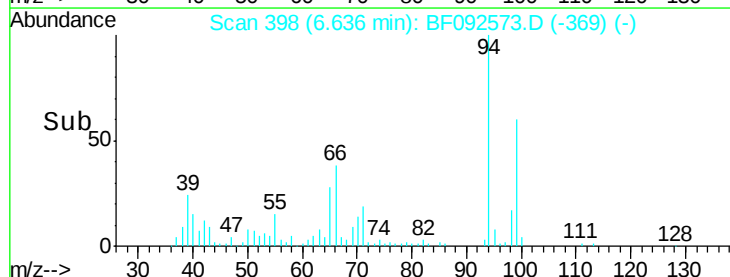
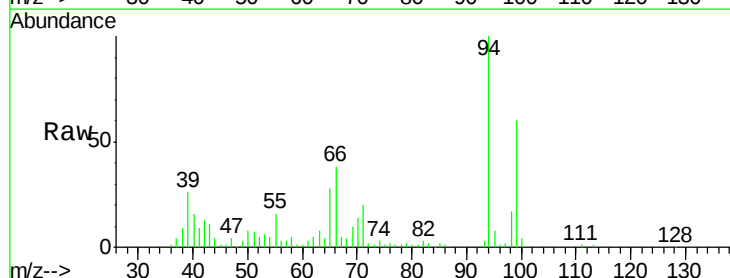
Tgt Ion: 94 Resp: 53276

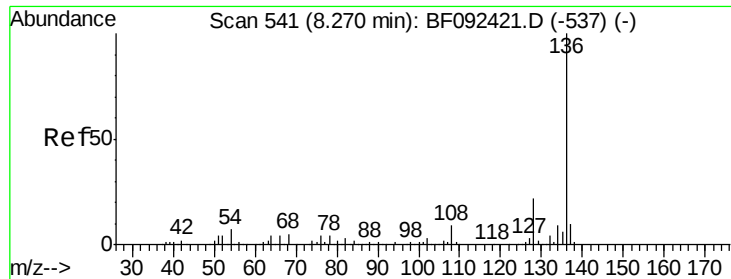
Ion Ratio Lower Upper

94 100

65 27.8 21.4 61.4

66 38.2 44.0 84.0#

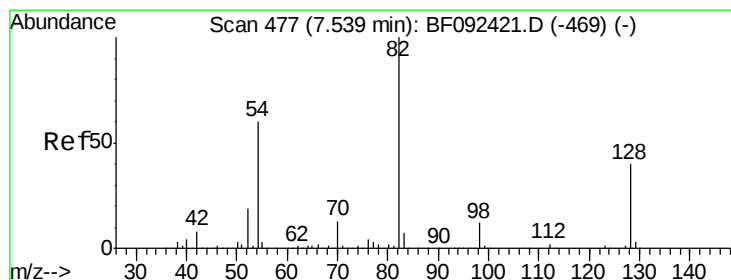
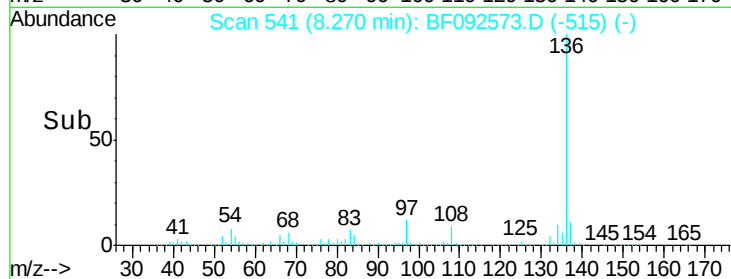
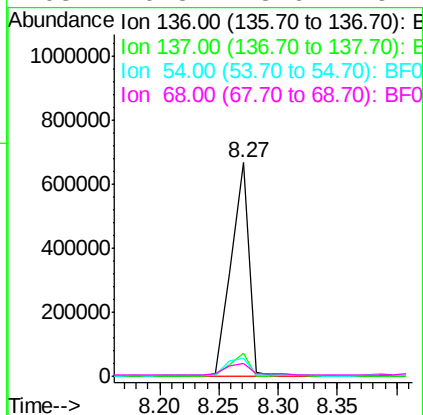
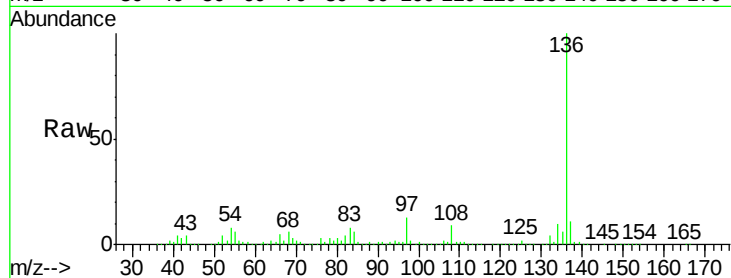




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092573.D
Acq: 27 Jan 2017 13:22

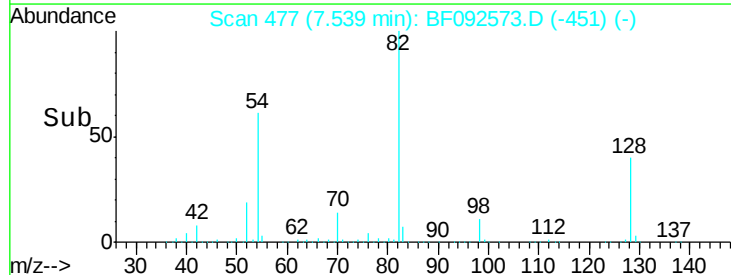
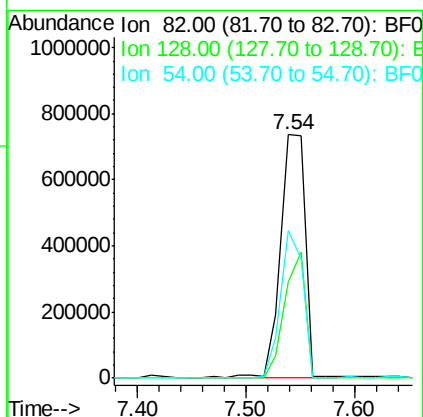
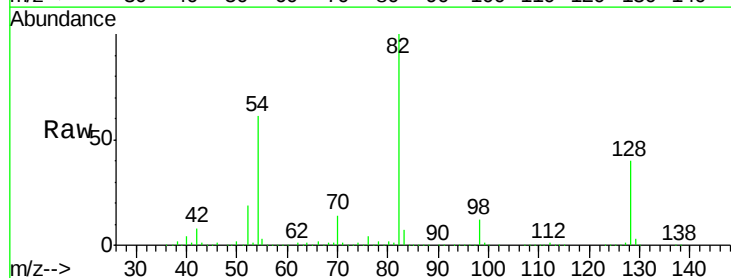
Instrument :
BNA_F
ClientSampleId :
MW-17

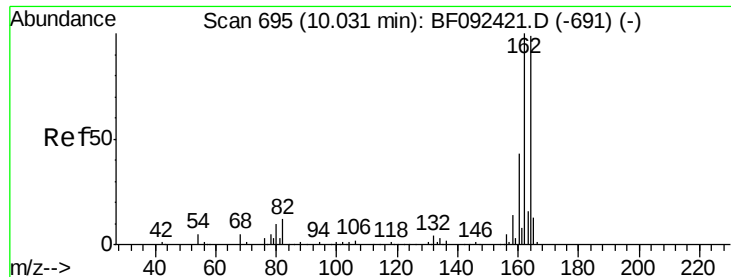
Tot Ion:136	Resp:	695572	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.4	12.6	
54 8.5	4.5	6.7#	
68 6.3	3.6	5.4#	



#23
Nitrobenzene-d5
Concen: 91.29 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092573.D
Acq: 27 Jan 2017 13:22

Tgt Ion: 82	Resp: 1162393
Ion Ratio	Lower Upper
82 100	
128 39.8	34.6 52.0
54 60.7	39.5 59.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF092573.D

Acq: 27 Jan 2017 13:22

Instrument :

BNA_F

ClientSampleId :

MW-17

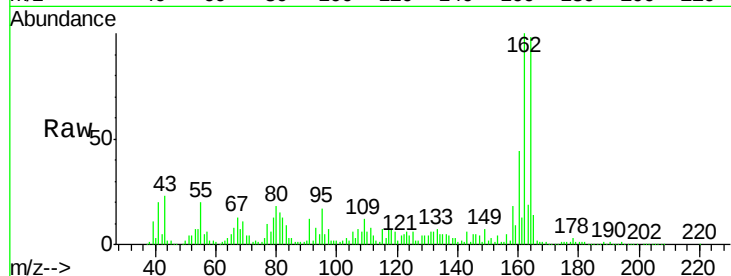
Tot Ion:164 Resp: 359027

Ion Ratio Lower Upper

164 100

162 102.4 80.2 120.2

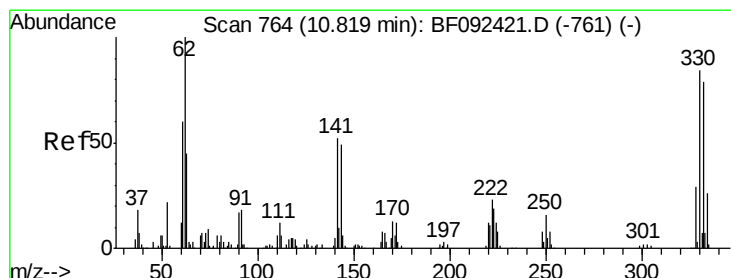
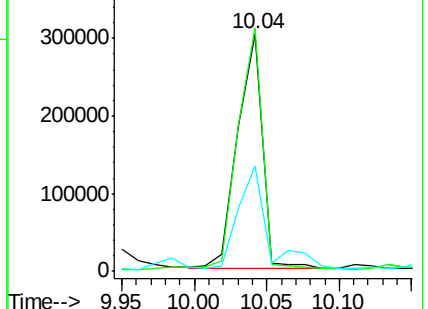
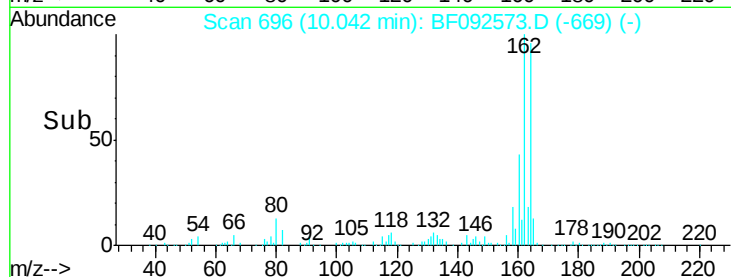
160 44.6 36.9 55.3



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: 121.35 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.02 min

Lab File: BF092573.D

Acq: 27 Jan 2017 13:22

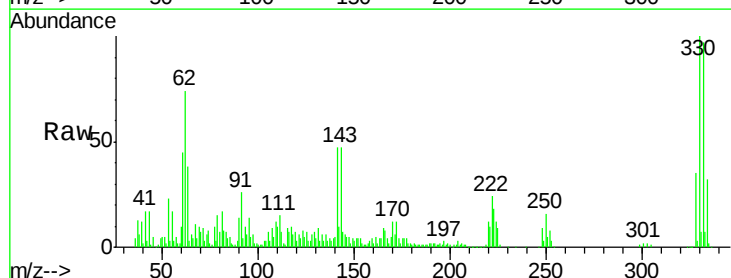
Tgt Ion:330 Resp: 296907

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

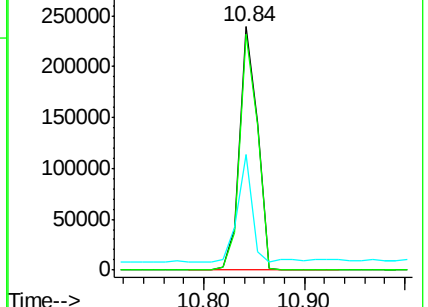
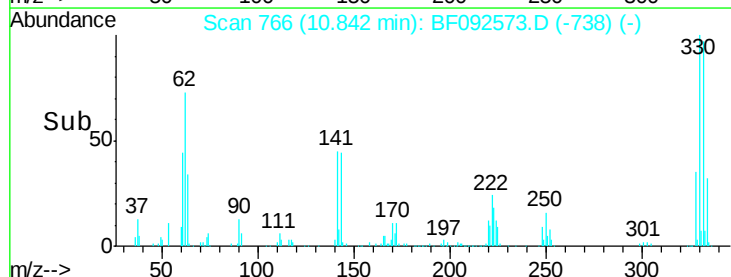
141 35.9 34.1 51.1

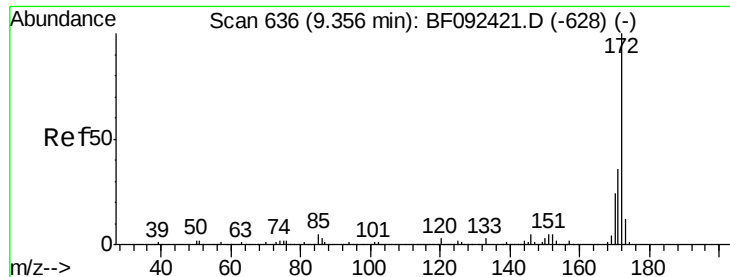


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 88.04 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF092573.D

Acq: 27 Jan 2017 13:22

Instrument :

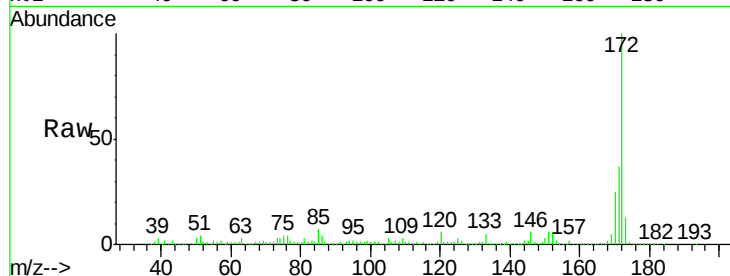
BNA_F

ClientSampleId :

MW-17

Tot Ion:172 Resp: 1709317

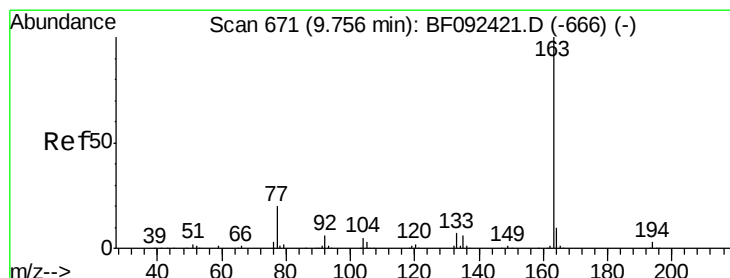
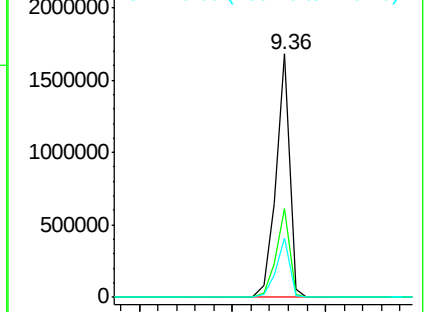
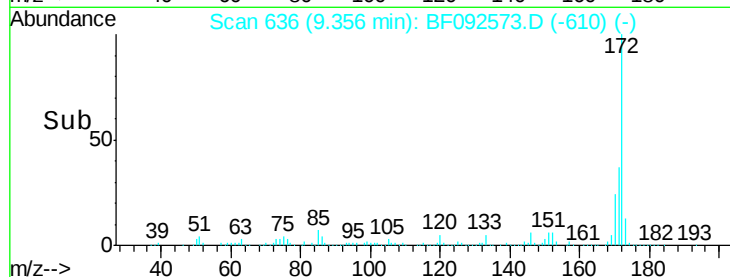
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.5	20.2	30.4



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



#49

Dimethylphthalate

Concen: 4.01 ng

RT: 9.76 min Scan# 671

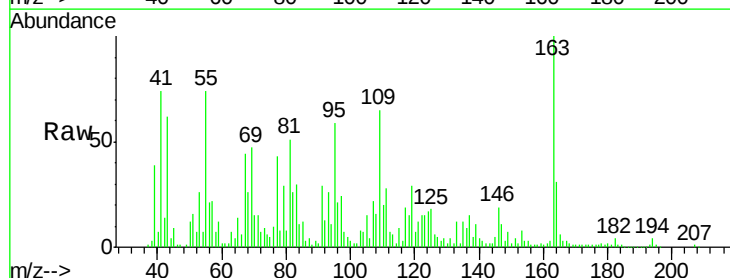
Delta R.T. -0.00 min

Lab File: BF092573.D

Acq: 27 Jan 2017 13:22

Tgt Ion:163 Resp: 91632

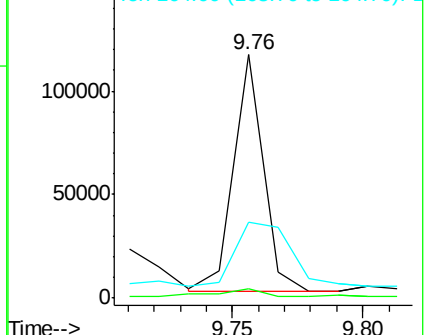
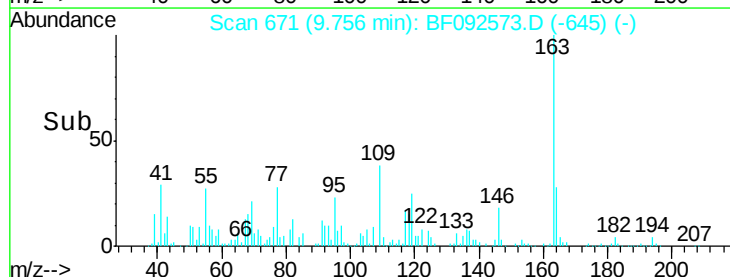
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	31.0	8.0	12.0#

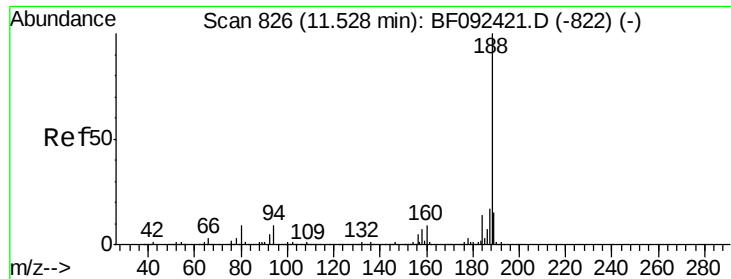


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

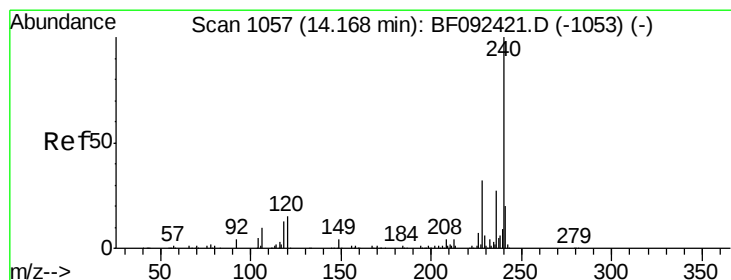
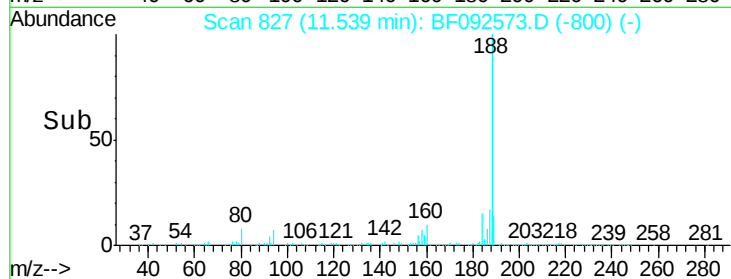
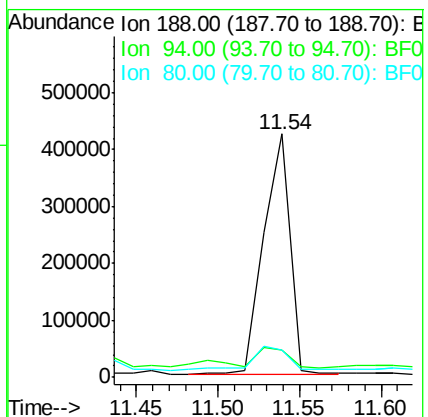
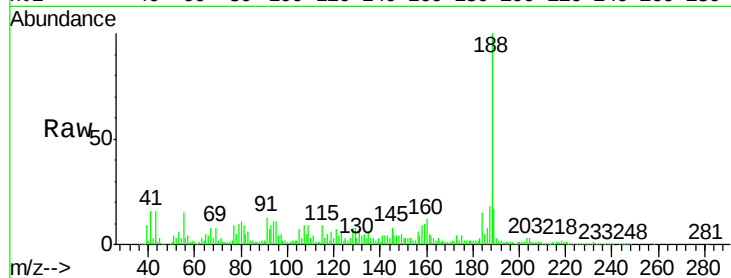




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF092573.D
Acq: 27 Jan 2017 13:22

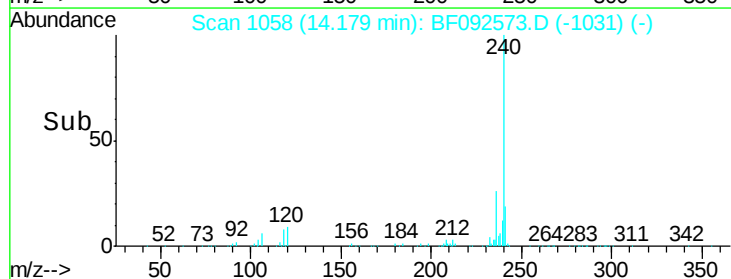
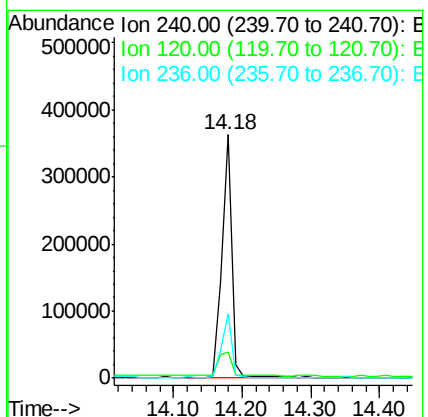
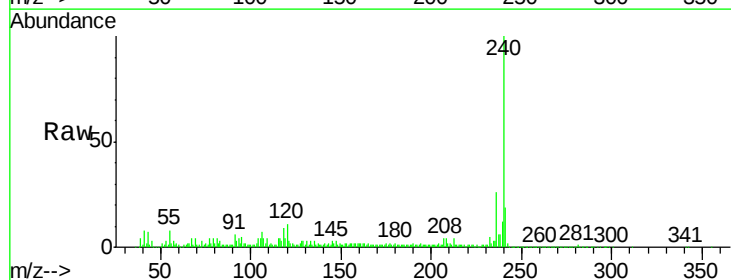
Instrument :
BNA_F
ClientSampled :
MW-17

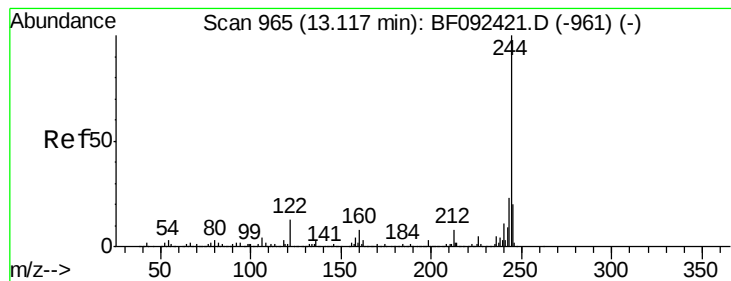
Tot Ion:188 Resp: 470212
Ion Ratio Lower Upper
188 100
94 11.3 10.0 15.0
80 11.2 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.18 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BF092573.D
Acq: 27 Jan 2017 13:22

Tgt Ion:240 Resp: 364552
Ion Ratio Lower Upper
240 100
120 10.6 12.9 19.3#
236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 92.41 ng

RT: 13.13 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF092573.D

Acq: 27 Jan 2017 13:22

Instrument :

BNA_F

ClientSampleId :

MW-17

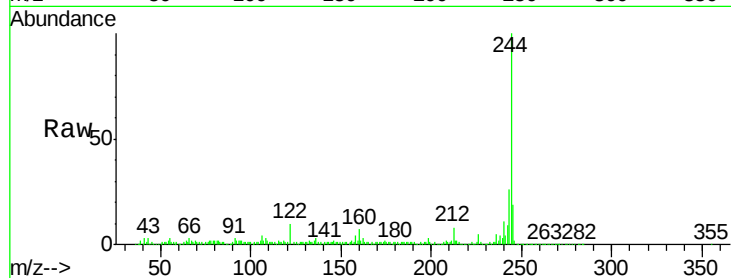
Tot Ion:244 Resp: 1265105

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

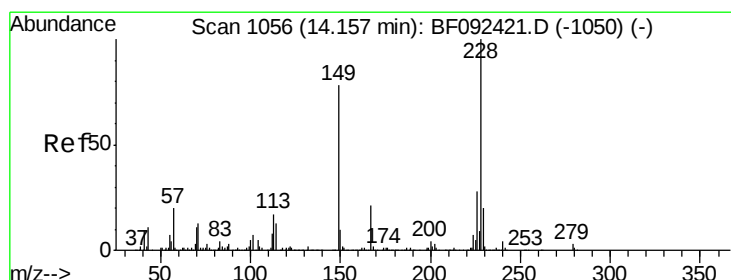
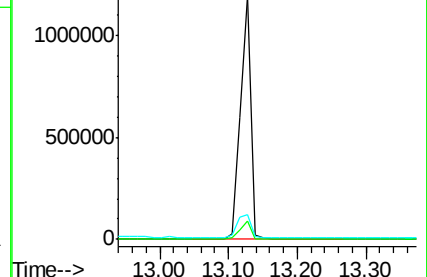
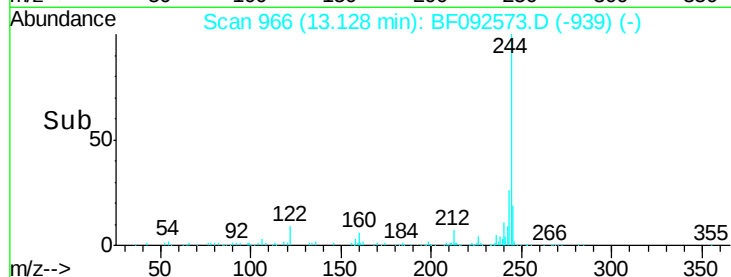
122 10.4 11.4 17.2#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.09 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092573.D

Acq: 27 Jan 2017 13:22

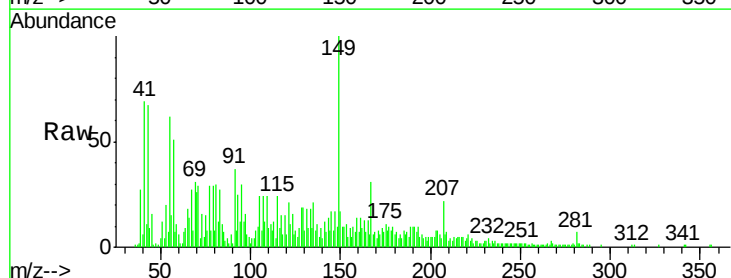
Tgt Ion:149 Resp: 55101

Ion Ratio Lower Upper

149 100

167 30.5 20.2 30.4#

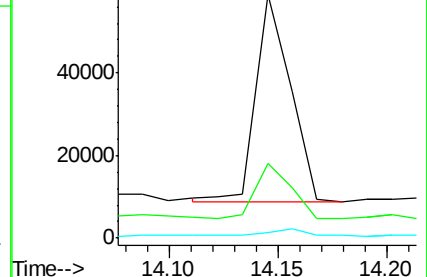
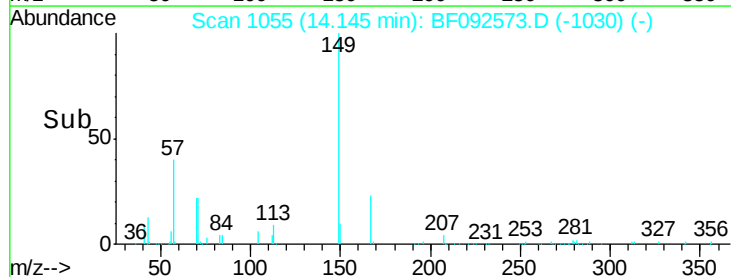
279 2.1 1.8 2.8

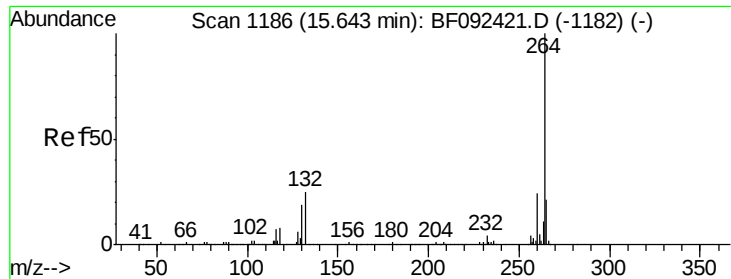


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

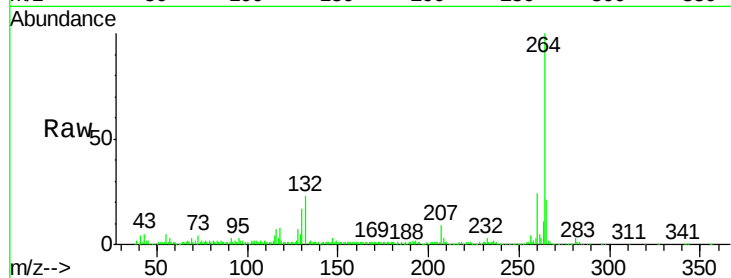




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.67 min Scan# 1188
Delta R.T. 0.02 min
Lab File: BF092573.D
Acq: 27 Jan 2017 13:22

Instrument :
BNA_F
ClientSampleId :
MW-17

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.4	26.0



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

