

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092240.D
 Acq On : 13 Jan 2017 10:56
 Operator : UM/SJ
 Sample : I1131-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Quant Time: Jan 13 13:02:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 13 12:48:58 2017
 Response via : Initial Calibration

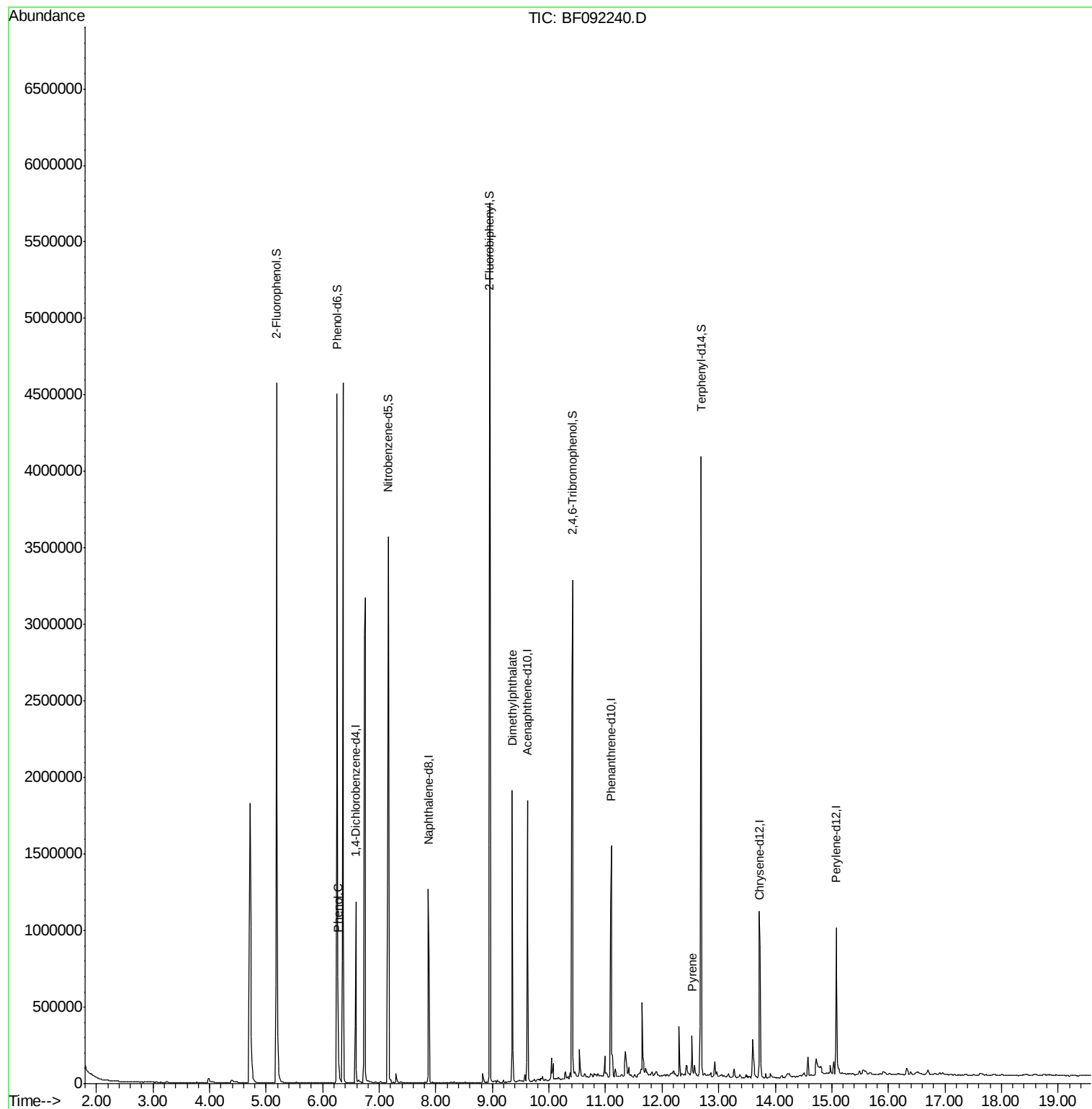
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	194575	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	762792	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	478435	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	745669	20.00	ng	0.00
75) Chrysene-d12	13.73	240	465847	20.00	ng	0.00
86) Perylene-d12	15.08	264	443270	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1545772	132.65	ng	0.01
7) Phenol-d6	6.26	99	1767525	124.23	ng	0.00
23) Nitrobenzene-d5	7.16	82	1285002	93.67	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	548836	138.62	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	1806007	75.97	ng	0.00
78) Terphenyl-d14	12.69	244	1827600	95.15	ng	0.00
Target Compounds						
10) Phenol	6.27	94	37781	2.33	ng	83
49) Dimethylphthalate	9.35	163	714903	23.36	ng	98
77) Pyrene	12.53	202	103998	3.04	ng	95

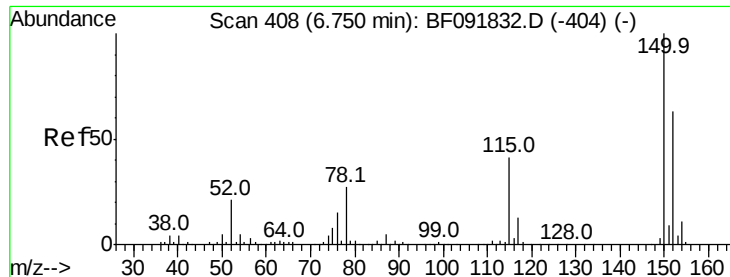
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF092240.D

Acq: 13 Jan 2017 10:56

Instrument :

BNA_F

ClientSampleId :

DUP

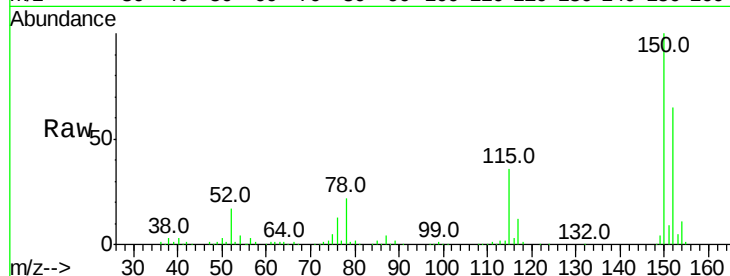
Tot Ion:152 Resp: 194575

Ion Ratio Lower Upper

152 100

150 154.5 124.9 187.3

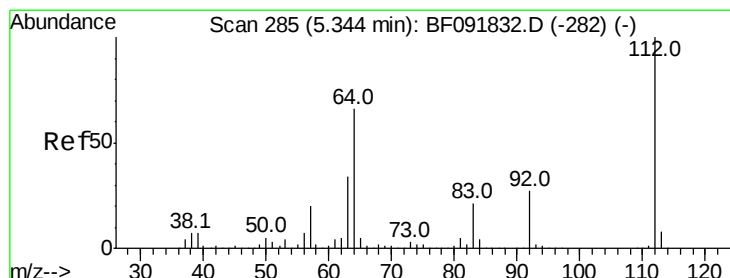
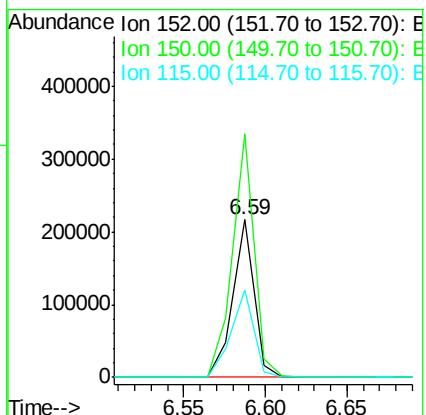
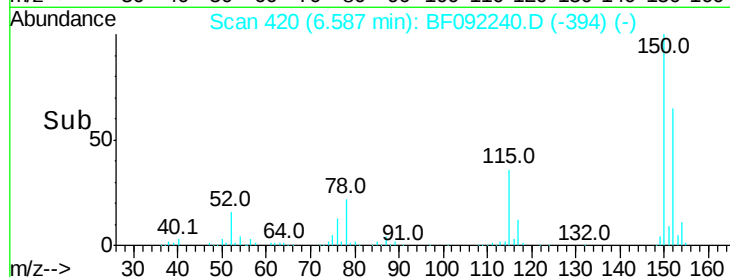
115 55.9 46.0 69.0



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: 132.65 ng

RT: 5.18 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF092240.D

Acq: 13 Jan 2017 10:56

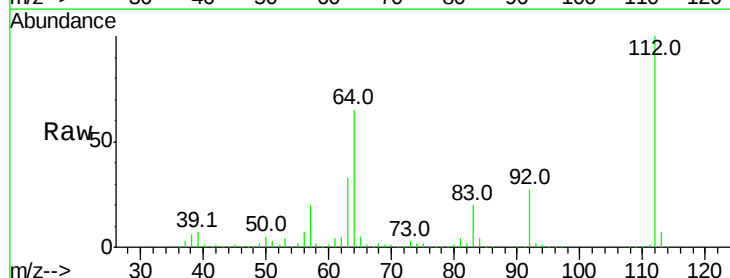
Tgt Ion:112 Resp: 1545772

Ion Ratio Lower Upper

112 100

64 65.0 46.1 69.1

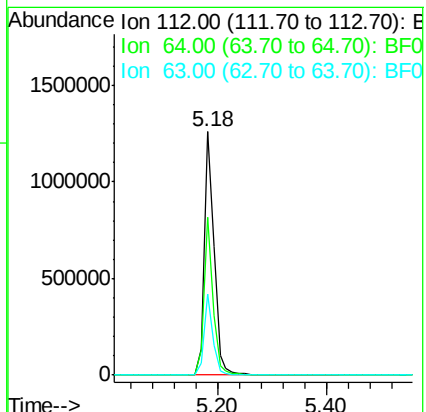
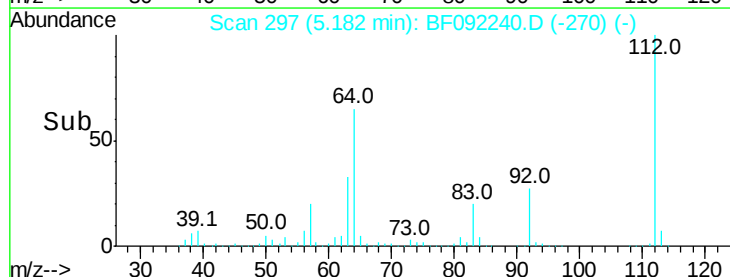
63 33.1 23.8 35.6

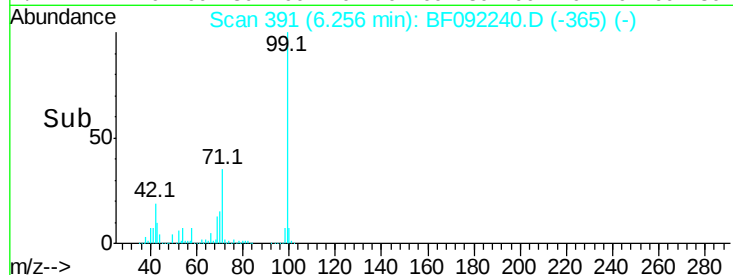
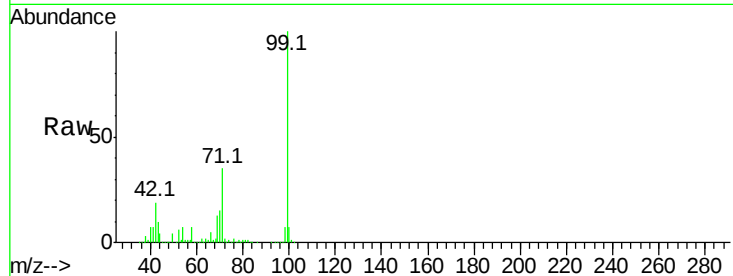


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.23 ng

RT: 6.26 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF092240.D

Acq: 13 Jan 2017 10:56

Instrument :

BNA_F

ClientSampleId :

DUP

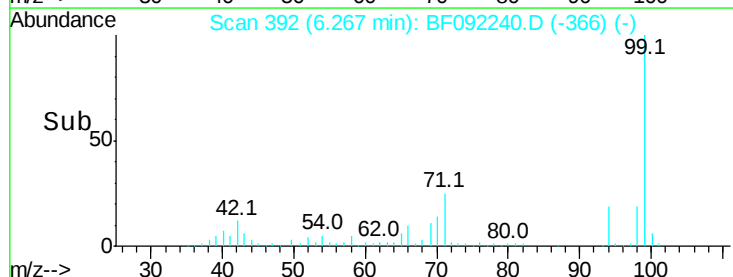
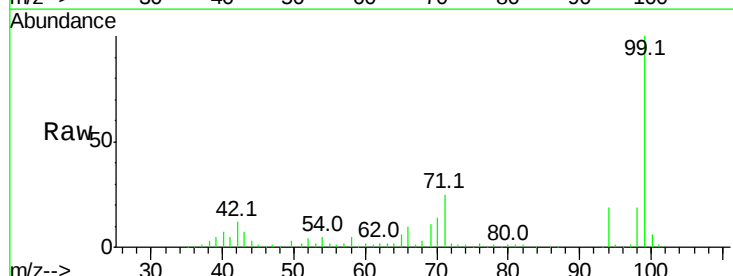
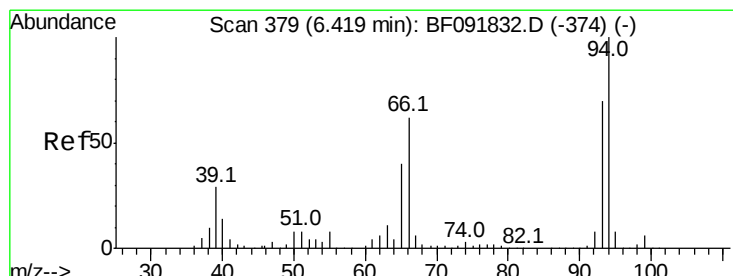
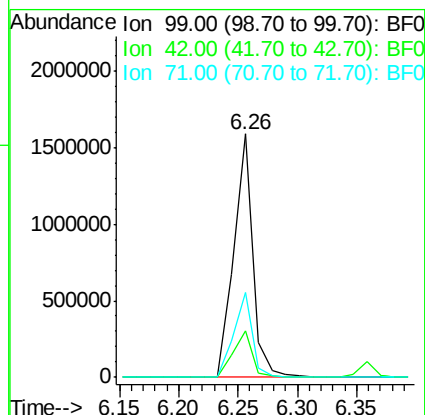
Tot Ion: 99 Resp: 1767525

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

71 34.7 27.5 41.3



#10

Phenol

Concen: 2.33 ng

RT: 6.27 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF092240.D

Acq: 13 Jan 2017 10:56

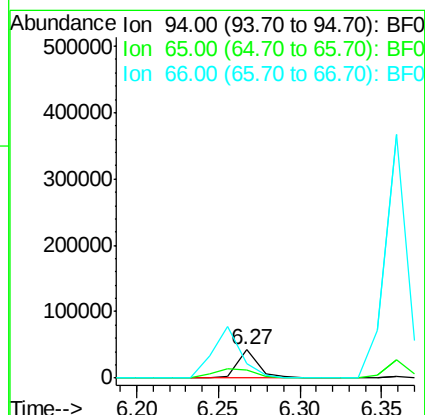
Tgt Ion: 94 Resp: 37781

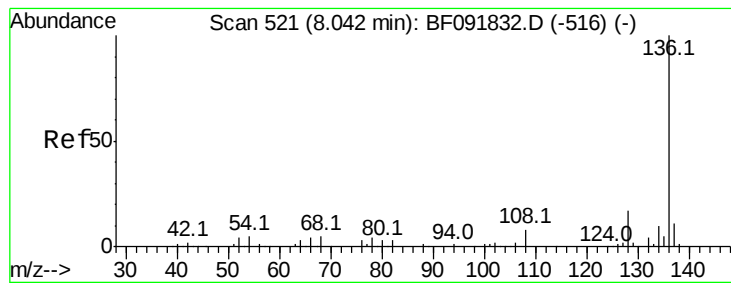
Ion Ratio Lower Upper

94 100

65 30.5 21.4 61.4

66 51.3 44.0 84.0

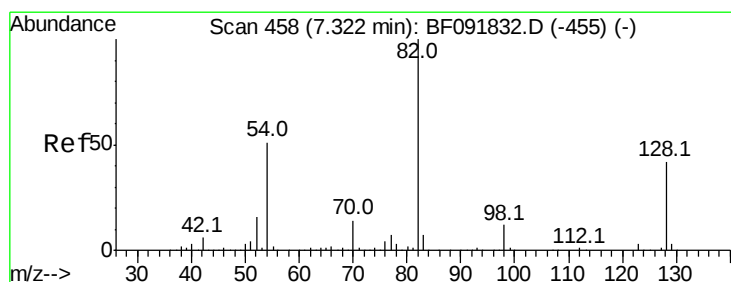
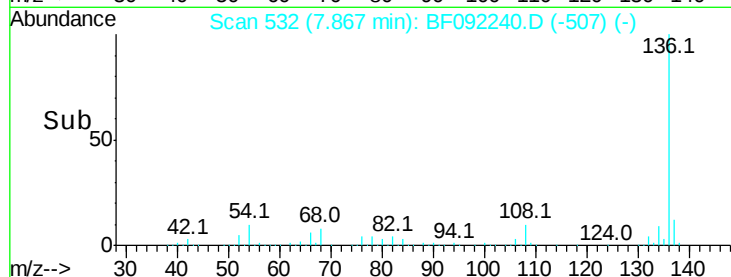
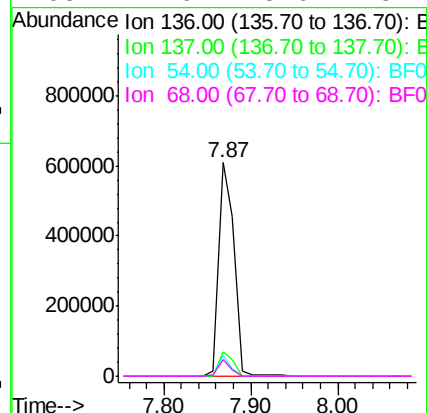
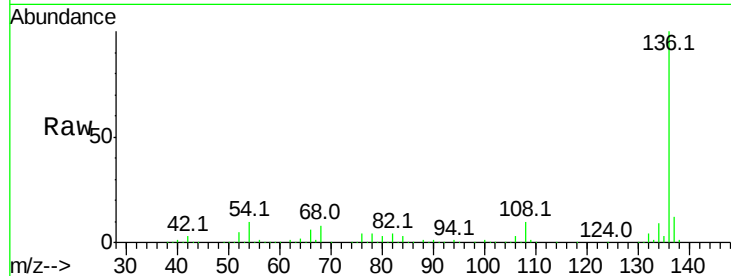




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF092240.D
Acq: 13 Jan 2017 10:56

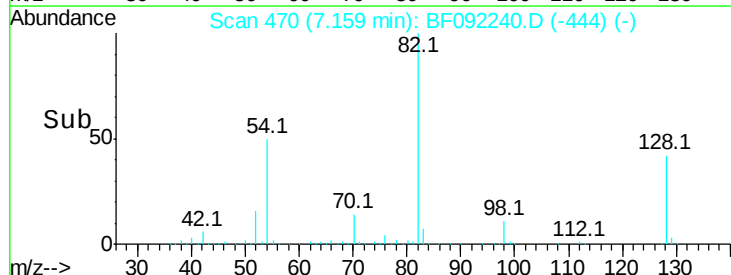
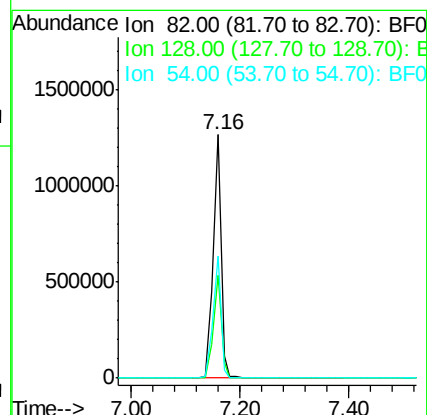
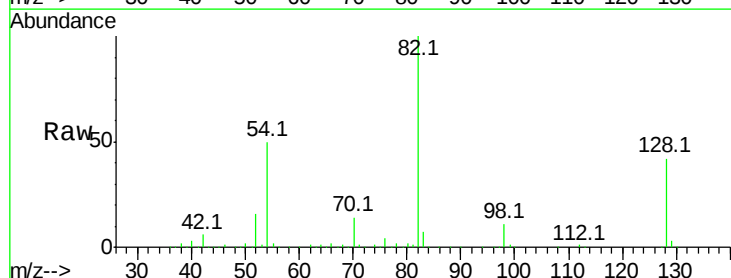
Instrument :
BNA_F
ClientSampleId :
DUP

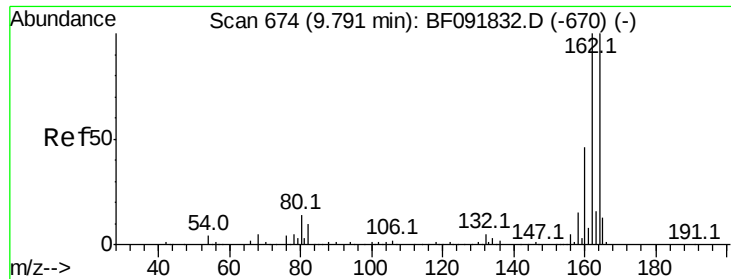
Tot Ion:136	Resp:	762792
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.4	12.6
54 9.6	4.5	6.7#
68 7.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 93.67 ng
RT: 7.16 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF092240.D
Acq: 13 Jan 2017 10:56

Tgt Ion: 82	Resp: 1285002
Ion Ratio	Lower Upper
82 100	
128 42.1	34.6 52.0
54 49.9	39.5 59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF092240.D

Acq: 13 Jan 2017 10:56

Instrument :

BNA_F

ClientSampleId :

DUP

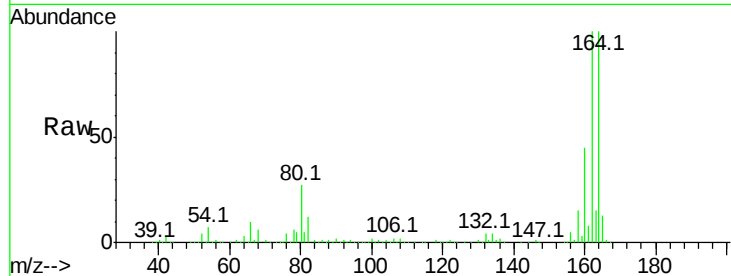
Tot Ion:164 Resp: 478435

Ion Ratio Lower Upper

164 100

162 99.6 80.2 120.2

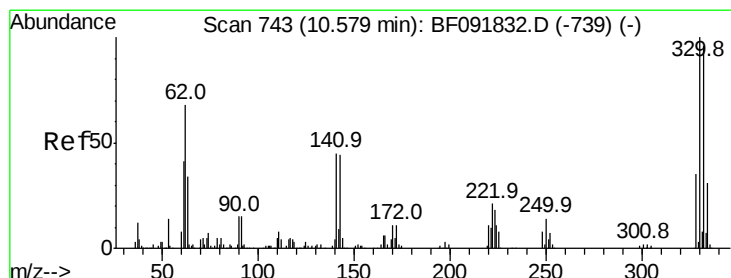
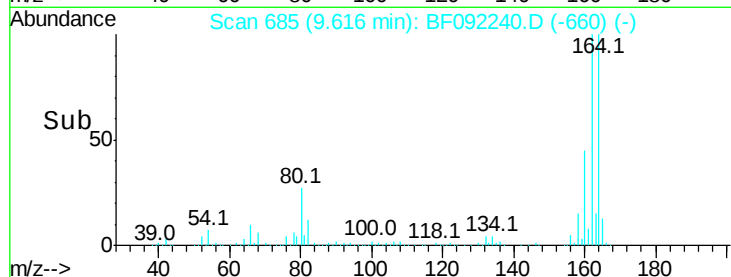
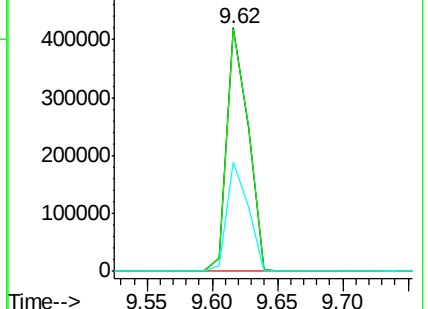
160 44.9 36.9 55.3



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: 138.62 ng

RT: 10.42 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF092240.D

Acq: 13 Jan 2017 10:56

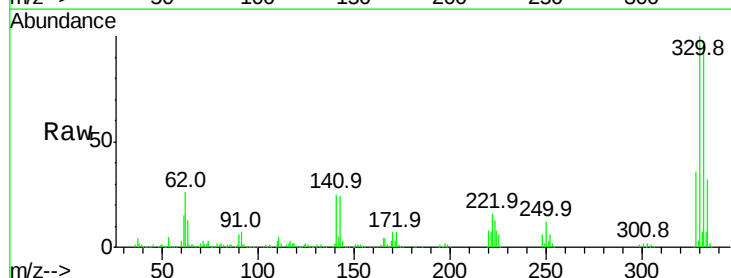
Tgt Ion:330 Resp: 548836

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

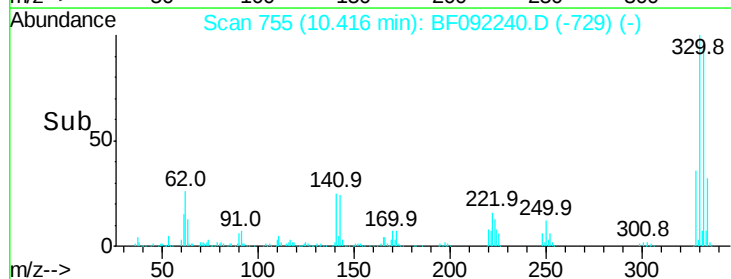
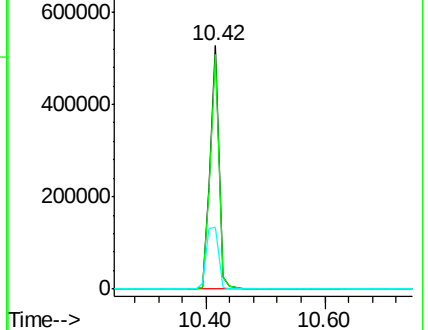
141 35.8 34.1 51.1

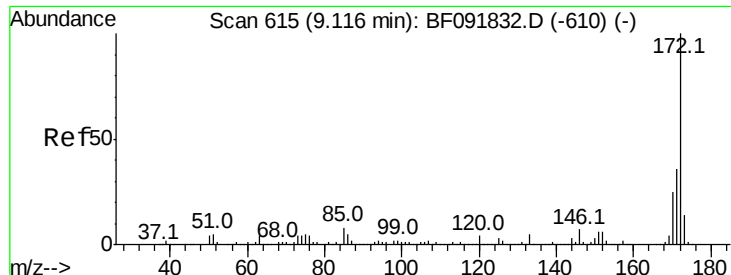


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



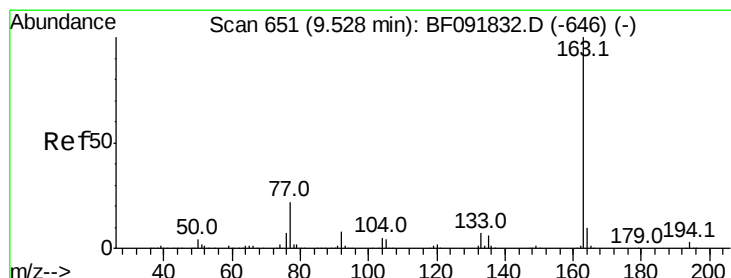
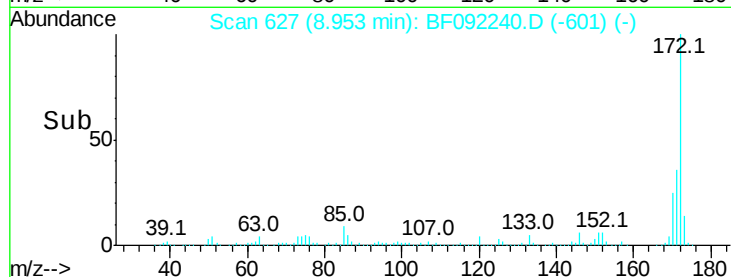
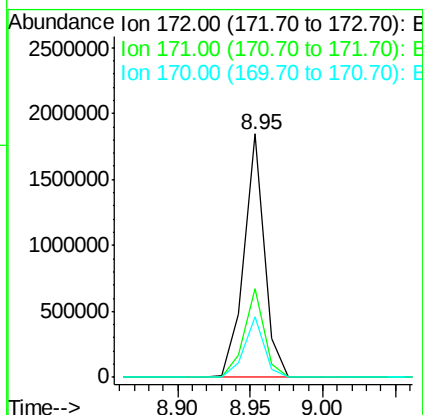
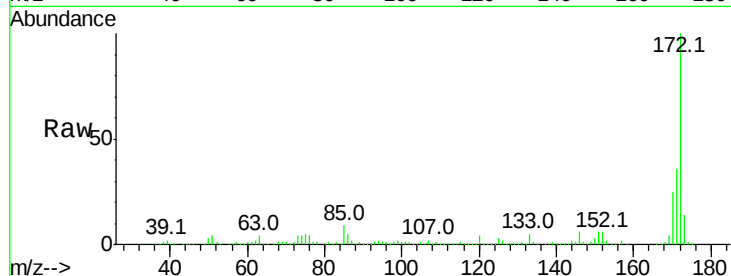


#44
 2-Fluorobiphenyl
 Concen: 75.97 ng
 RT: 8.95 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF092240.D
 Acq: 13 Jan 2017 10:56

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Tot Ion:172 Resp: 1806007

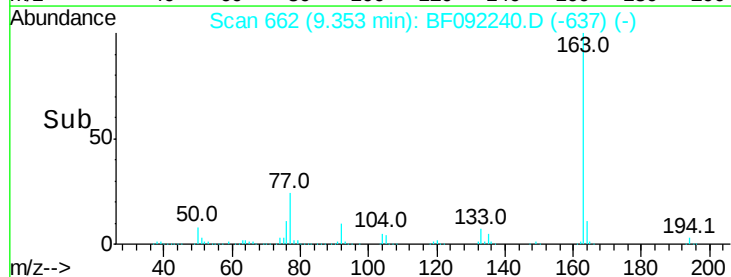
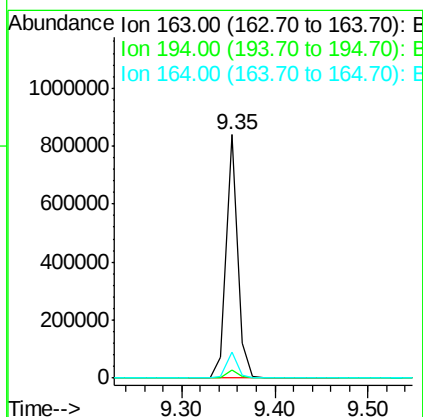
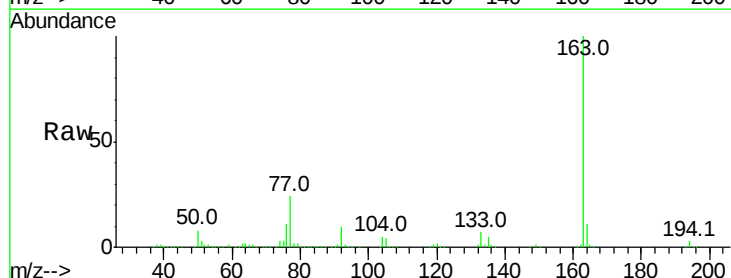
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.7	20.2	30.4

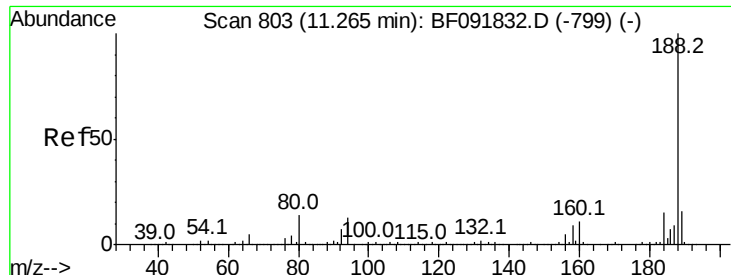


#49
 Dimethylphthalate
 Concen: 23.36 ng
 RT: 9.35 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF092240.D
 Acq: 13 Jan 2017 10:56

Tgt Ion:163 Resp: 714903

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.6	8.0	12.0

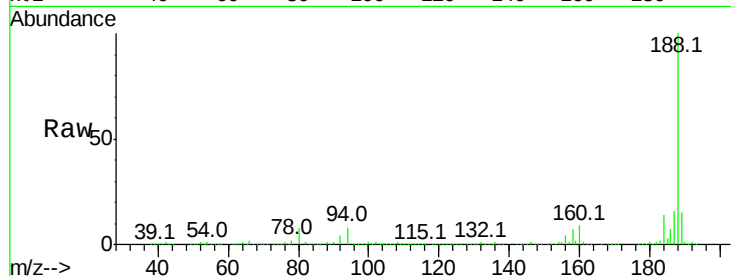




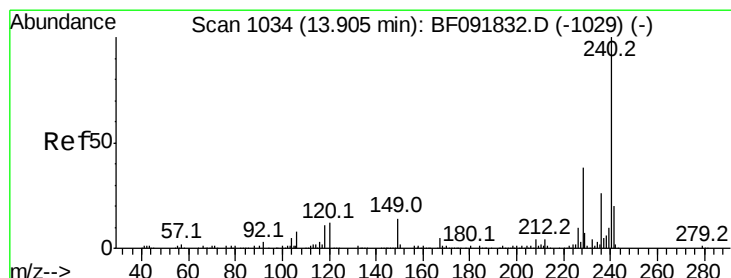
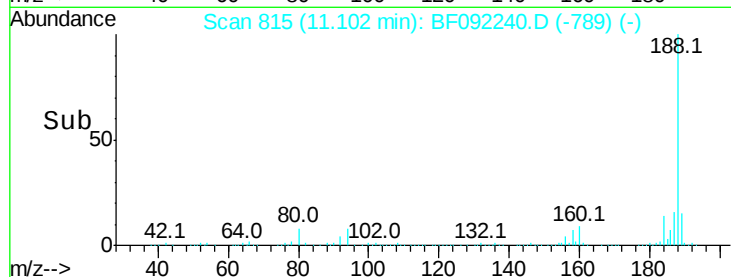
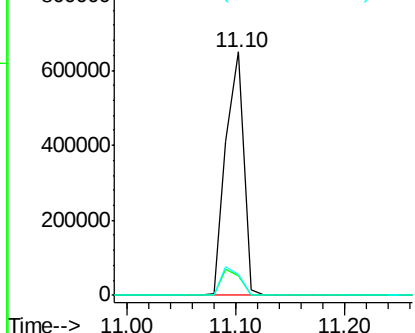
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF092240.D
 Acq: 13 Jan 2017 10:56

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Tot Ion:188 Resp: 745669
 Ion Ratio Lower Upper
 188 100
 94 7.9 10.0 15.0#
 80 8.4 11.2 16.8#

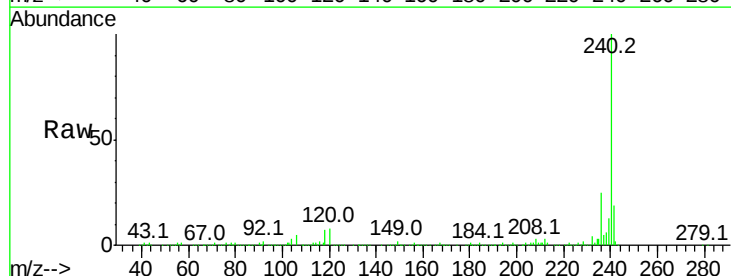


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

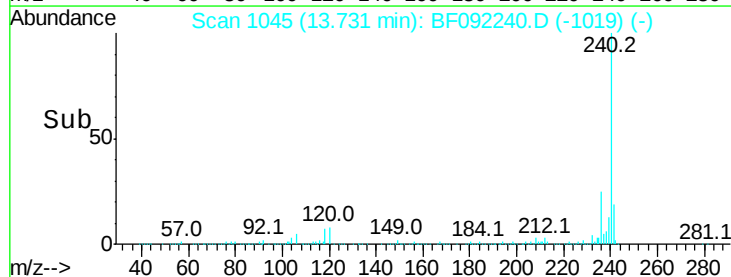
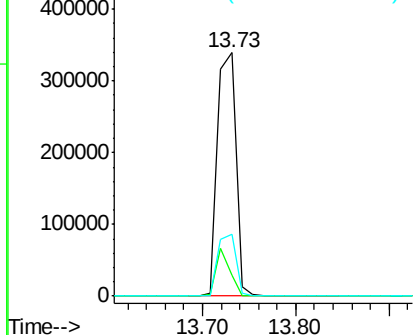


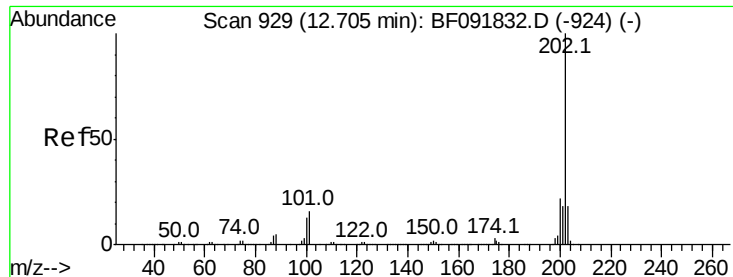
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.73 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF092240.D
 Acq: 13 Jan 2017 10:56

Tgt Ion:240 Resp: 465847
 Ion Ratio Lower Upper
 240 100
 120 8.4 12.9 19.3#
 236 25.4 20.9 31.3



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

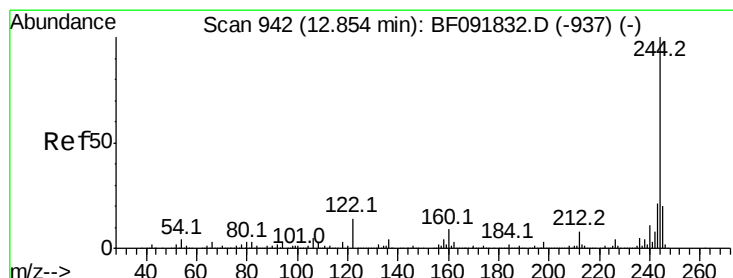
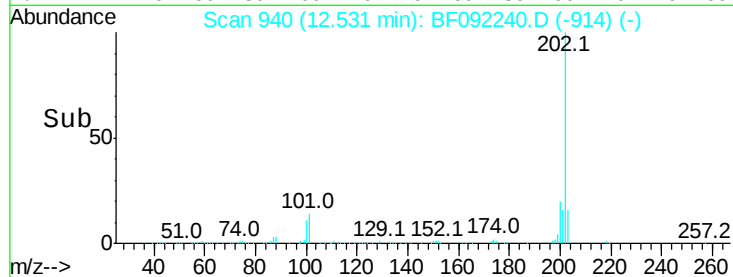
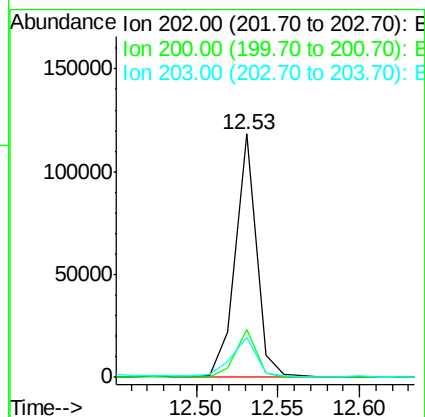
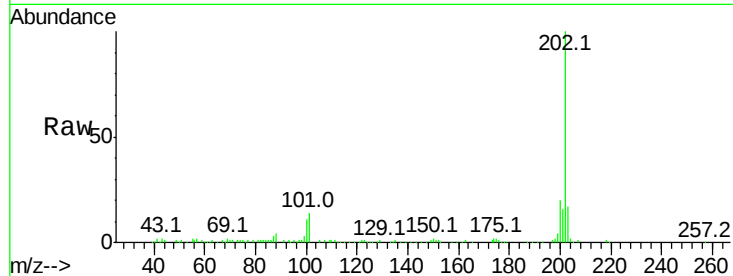




#77
Pvrene
Concen: 3.04 ng
RT: 12.53 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF092240.D
Acq: 13 Jan 2017 10:56

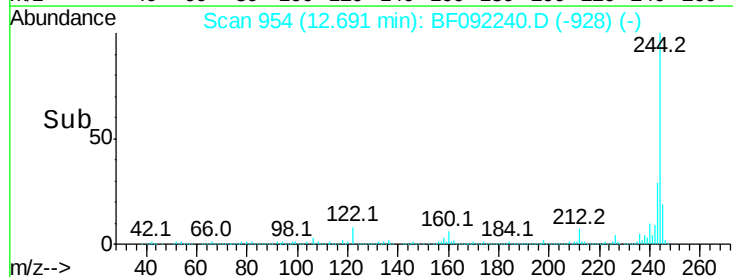
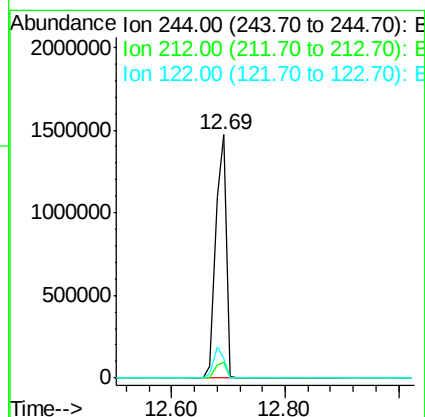
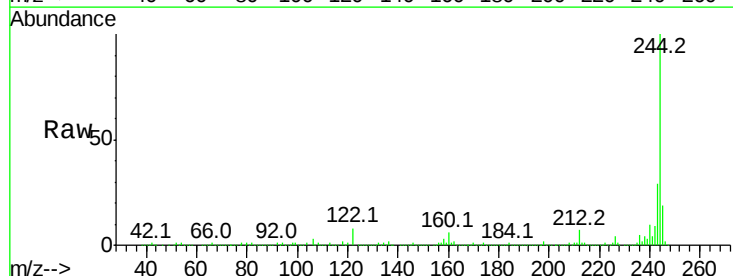
Instrument :
BNA_F
ClientSampleId :
DUP

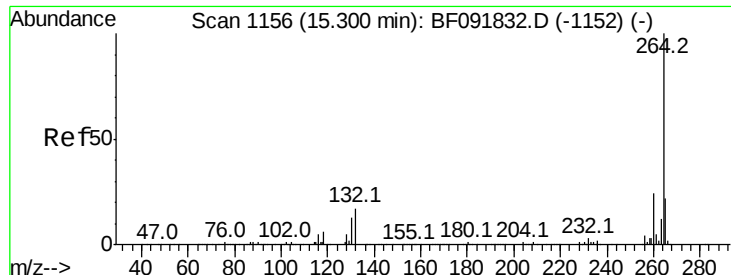
Tot Ion:202 Resp: 103998
Ion Ratio Lower Upper
202 100
200 19.7 17.7 26.5
203 16.6 14.7 22.1



#78
Terphenyl-d14
Concen: 95.15 ng
RT: 12.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF092240.D
Acq: 13 Jan 2017 10:56

Tgt Ion:244 Resp: 1827600
Ion Ratio Lower Upper
244 100
212 6.6 6.2 9.2
122 8.1 11.4 17.2#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.08 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF092240.D
Acq: 13 Jan 2017 10:56

Instrument :
BNA_F
ClientSampleId :
DUP

Tot Ion:264 Resp: 443270
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 22.4 17.4 26.0

