

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092512.D
 Acq On : 26 Jan 2017 9:02
 Operator : SJ/MA
 Sample : I1386-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-9-11

Quant Time: Jan 26 17:11:54 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

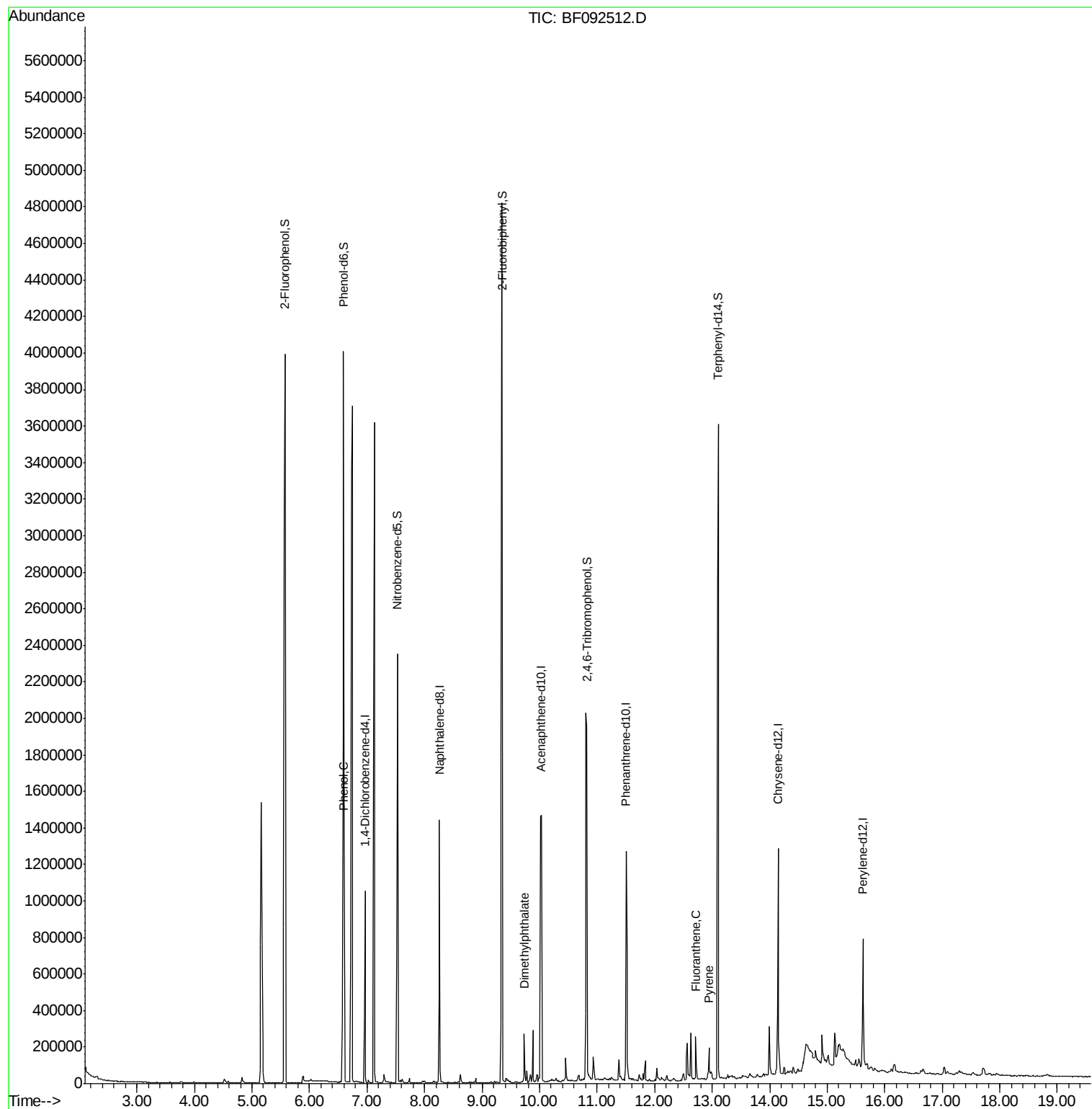
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	161748	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	663340	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	322445	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	547008	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	395526	20.00	ng	-0.02
86) Perylene-d12	15.62	264	335954	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1531458	147.31	ng	0.02
7) Phenol-d6	6.59	99	1670112	126.12	ng	0.00
23) Nitrobenzene-d5	7.53	82	1196870	98.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	369970	168.37	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1657056	95.03	ng	-0.01
78) Terphenyl-d14	13.11	244	1496000	100.72	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	121388	7.59	ng	78
49) Dimethylphthalate	9.73	163	103863	5.07	ng	# 98
74) Fluoranthene	12.72	202	93268	3.17	ng	98
77) Pyrene	12.95	202	68248	2.38	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: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF092512.D

Acq: 26 Jan 2017 9:02

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-9-11

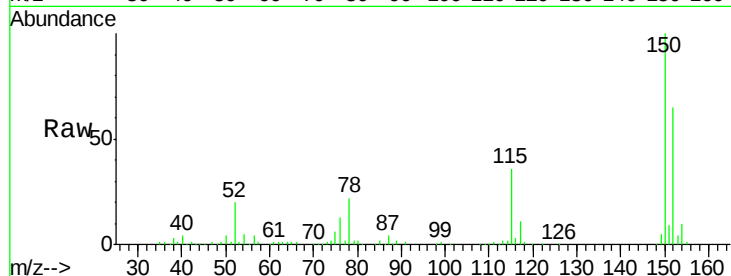
Tot Ion:152 Resp: 161748

Ion Ratio Lower Upper

152 100

150 154.7 124.9 187.3

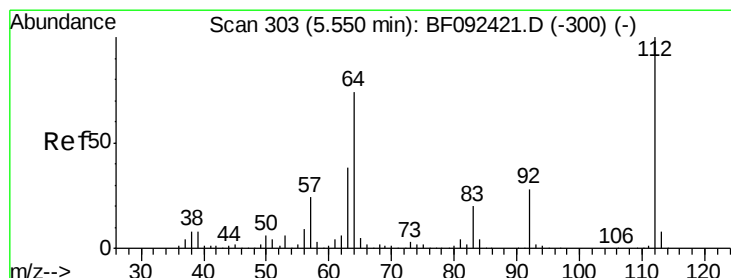
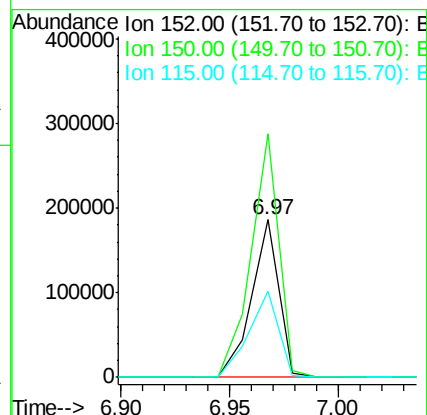
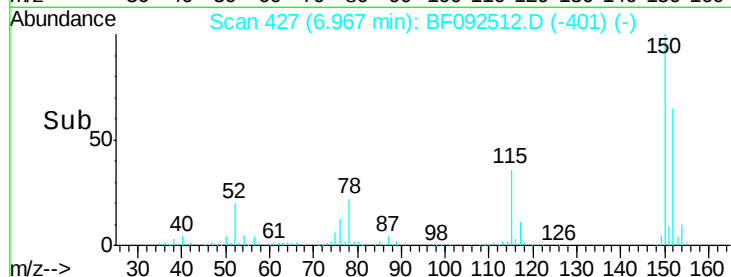
115 55.1 46.0 69.0



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: 147.31 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092512.D

Acq: 26 Jan 2017 9:02

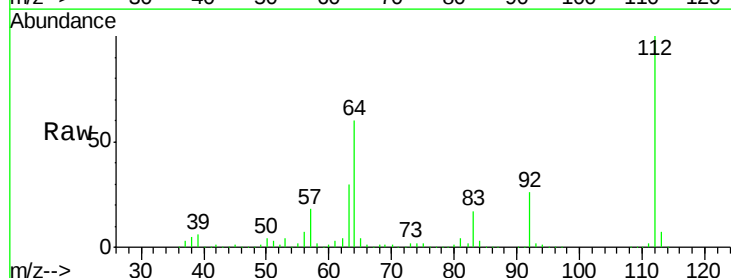
Tgt Ion:112 Resp: 1531458

Ion Ratio Lower Upper

112 100

64 59.9 46.1 69.1

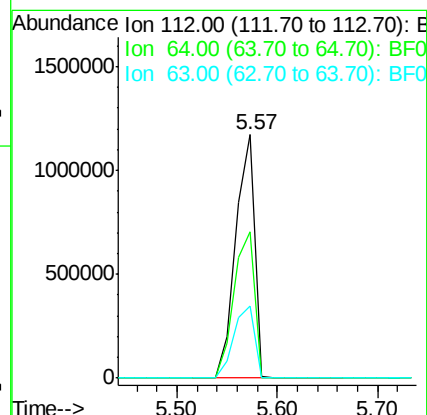
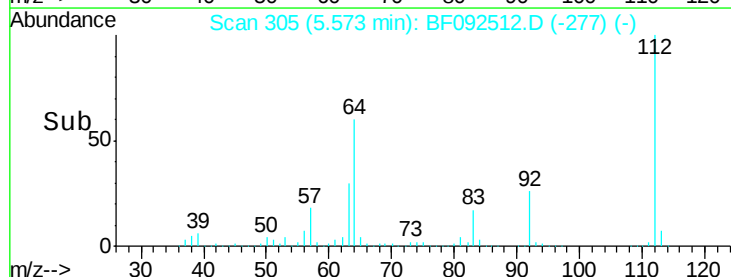
63 29.6 23.8 35.6

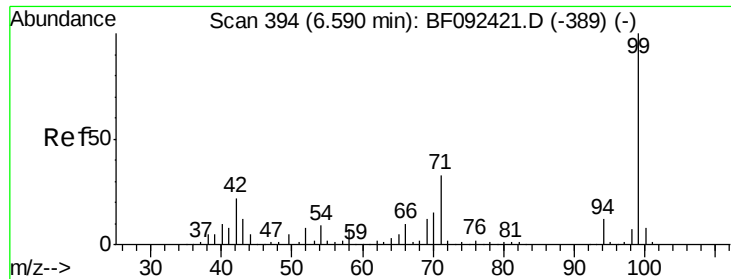


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



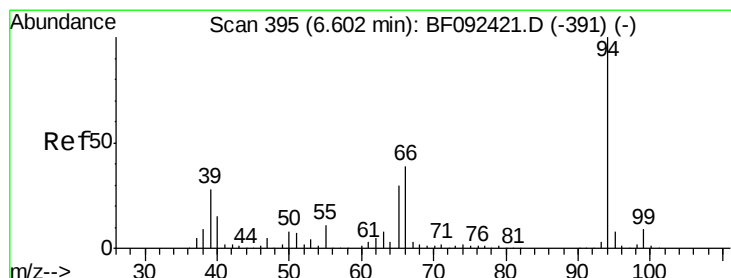
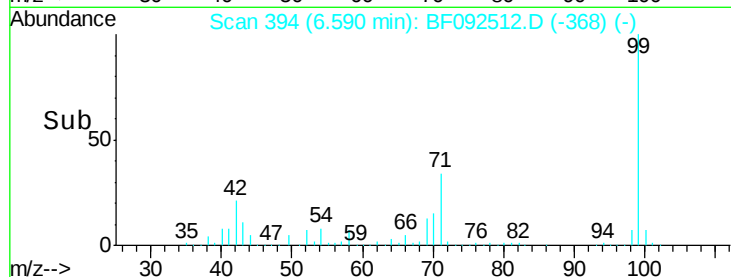
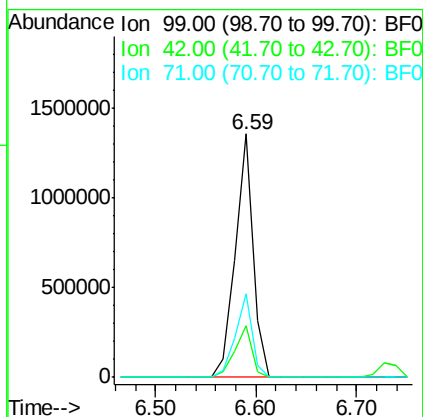
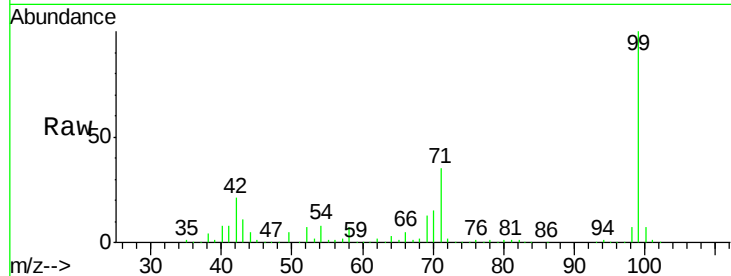


#7
Phenol-d6
Concen: 126.12 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF092512.D
Acq: 26 Jan 2017 9:02

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-9-11

Tot Ion: 99 Resp: 1670112

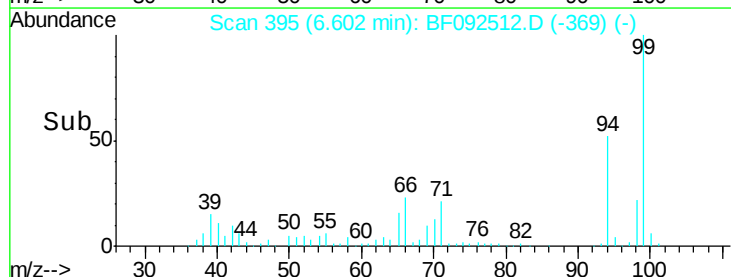
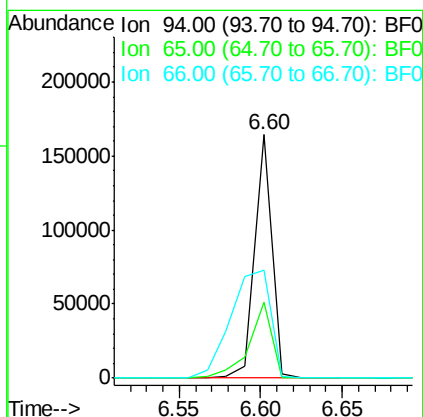
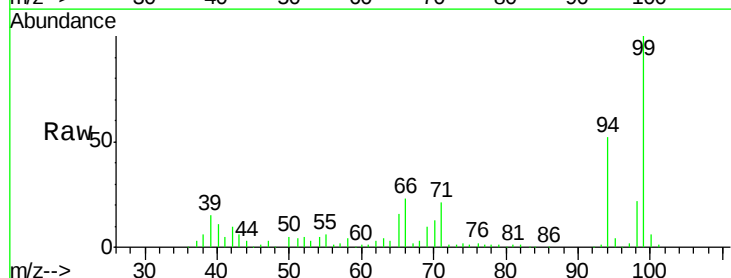
Ion	Ratio	Lower	Upper
99	100		
42	21.4	15.6	23.4
71	34.5	27.5	41.3

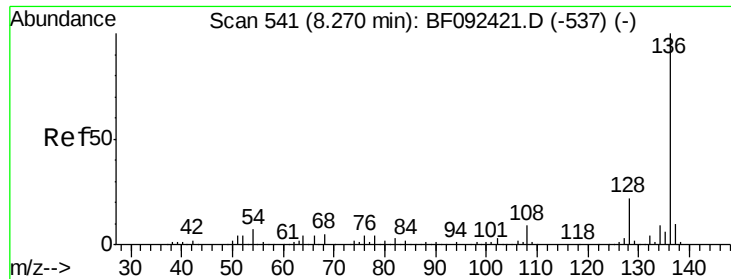


#10
Phenol
Concen: 7.59 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF092512.D
Acq: 26 Jan 2017 9:02

Tgt Ion: 94 Resp: 121388

Ion	Ratio	Lower	Upper
94	100		
65	31.1	21.4	61.4
66	44.6	44.0	84.0

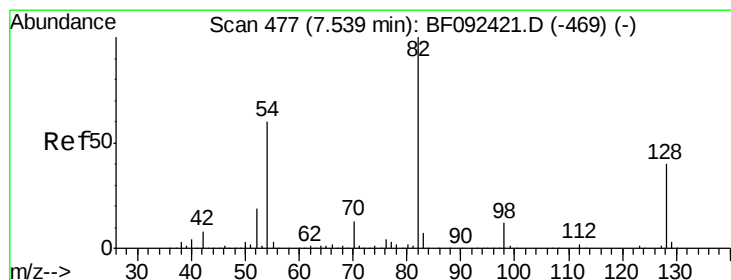
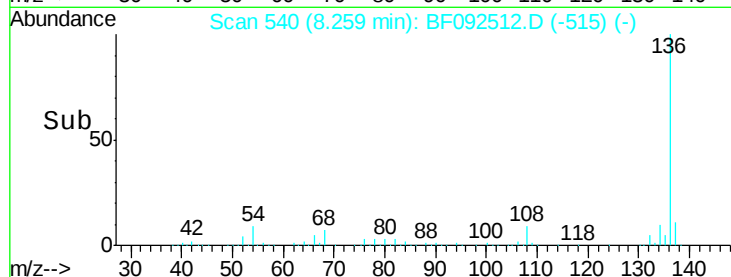
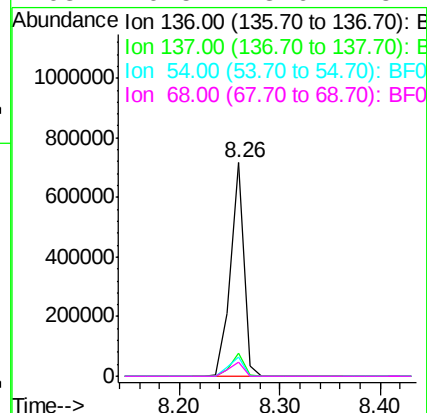
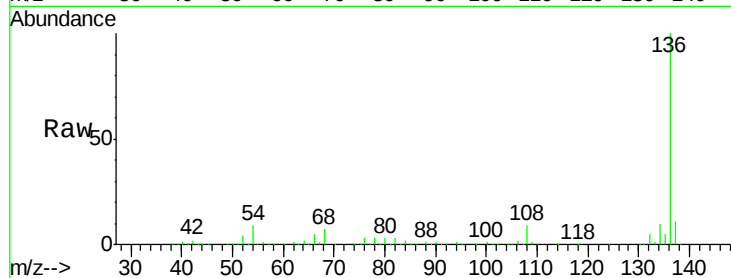




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092512.D
Acq: 26 Jan 2017 9:02

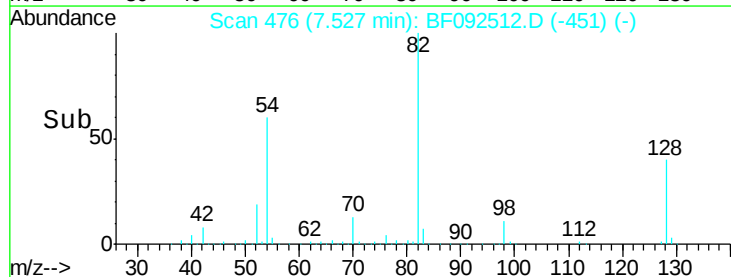
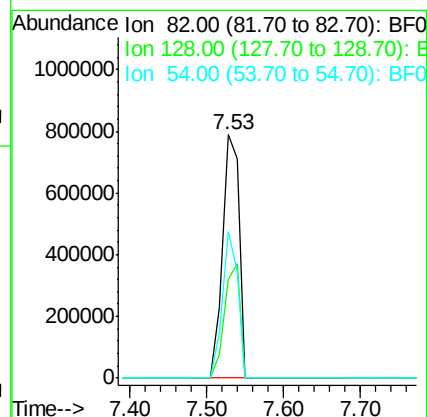
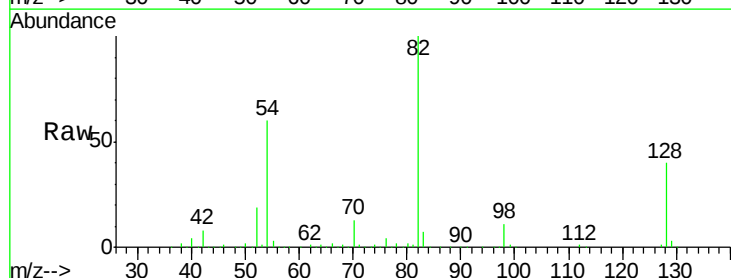
Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-9-11

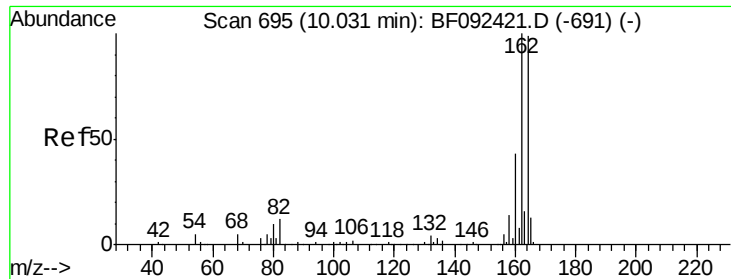
Tot Ion:136	Resp:	663340
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.4 12.6
54	9.3	4.5 6.7#
68	6.5	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 98.56 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092512.D
Acq: 26 Jan 2017 9:02

Tgt Ion: 82	Resp:	1196870
Ion Ratio	Lower	Upper
82	100	
128	40.5	34.6 52.0
54	60.1	39.5 59.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF092512.D

Acq: 26 Jan 2017 9:02

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-9-11

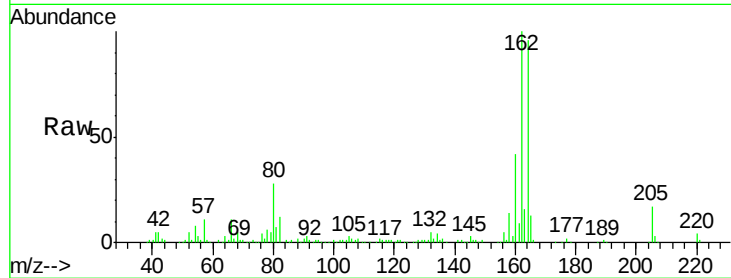
Tot Ion:164 Resp: 322445

Ion Ratio Lower Upper

164 100

162 103.8 80.2 120.2

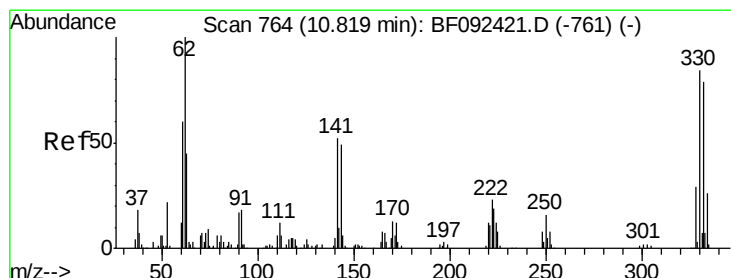
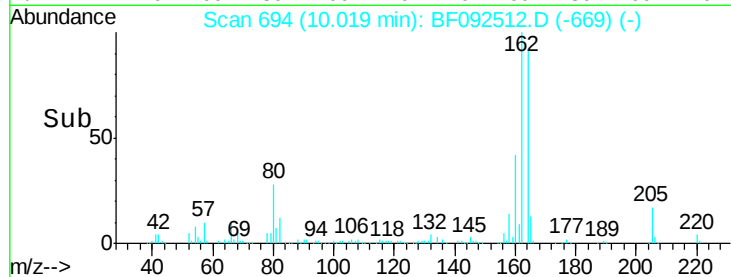
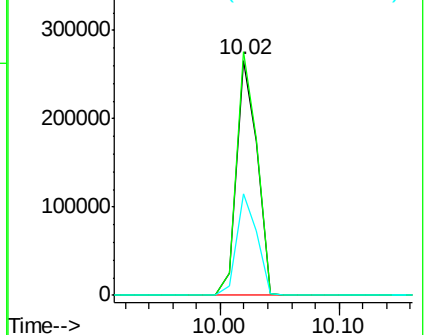
160 43.5 36.9 55.3



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: 168.37 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF092512.D

Acq: 26 Jan 2017 9:02

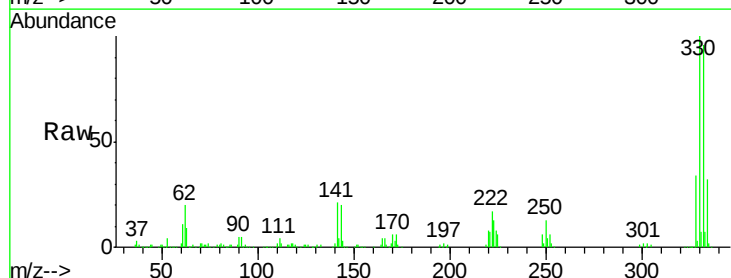
Tgt Ion:330 Resp: 369970

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

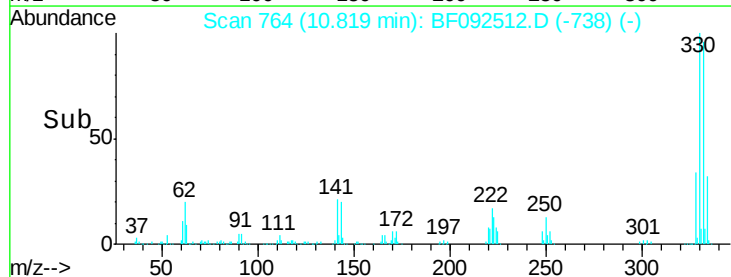
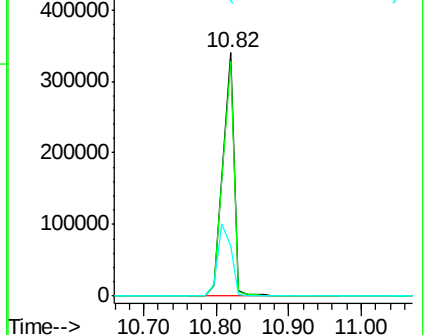
141 36.0 34.1 51.1

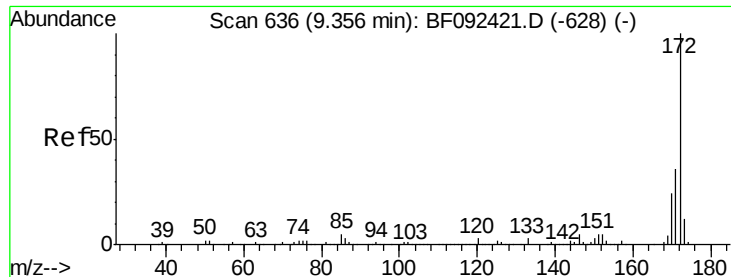


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

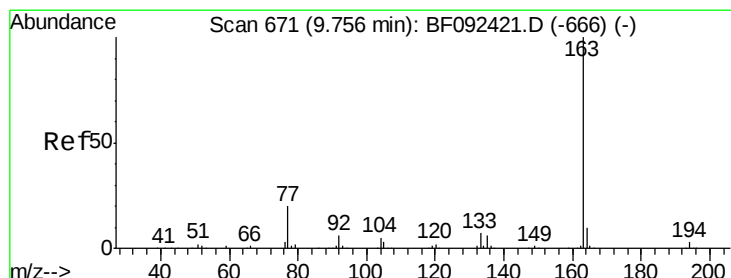
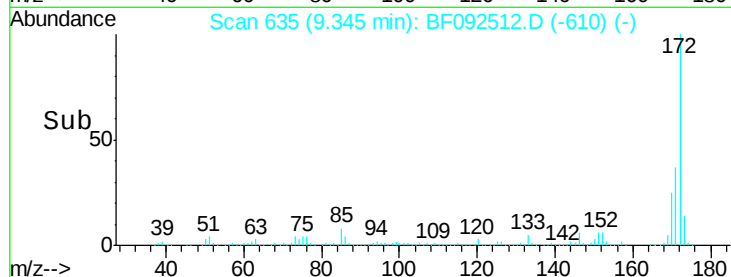
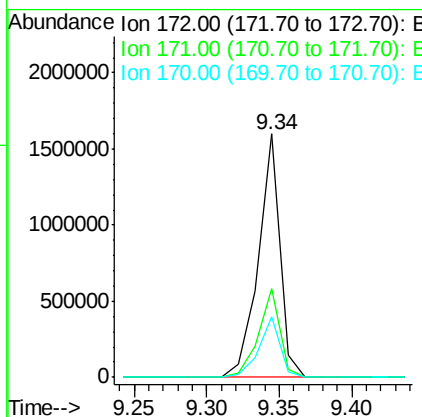
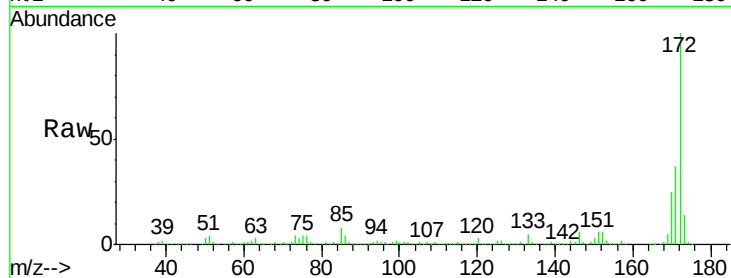




#44
2-Fluorobiphenyl
Concen: 95.03 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092512.D
Acq: 26 Jan 2017 9:02

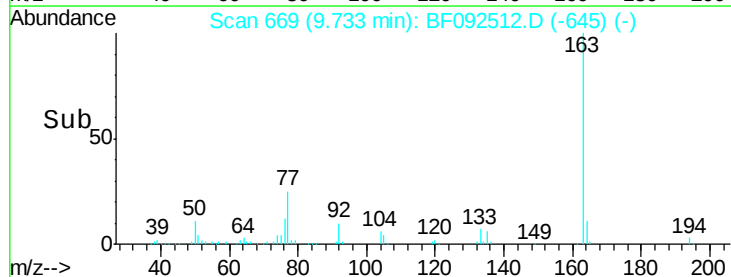
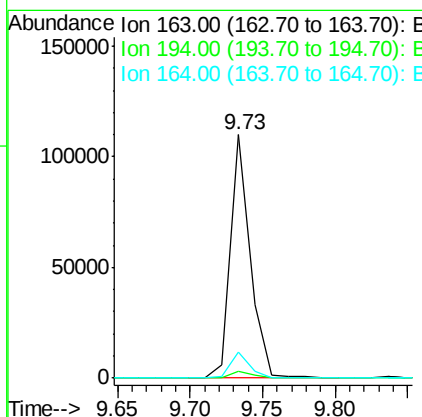
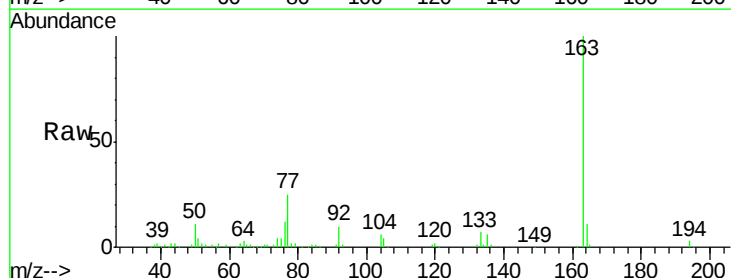
Instrument :
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CHA-SB-01-9-11

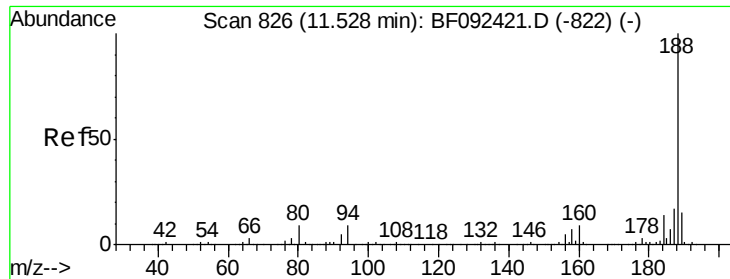
Tot Ion:172 Resp: 1657056
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 24.8 20.2 30.4



#49
Dimethylphthalate
Concen: 5.07 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092512.D
Acq: 26 Jan 2017 9:02

Tgt Ion:163 Resp: 103863
Ion Ratio Lower Upper
163 100
194 2.9 3.0 4.4#
164 10.5 8.0 12.0

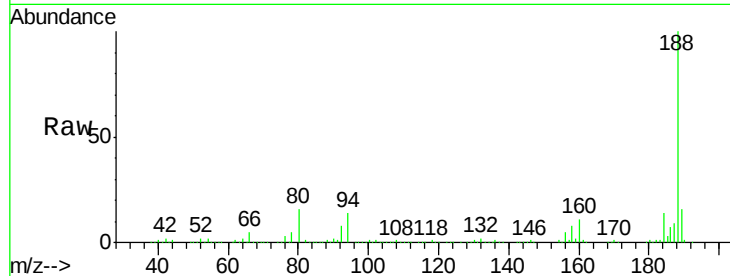




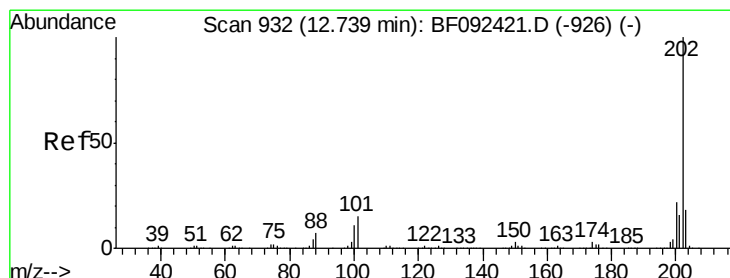
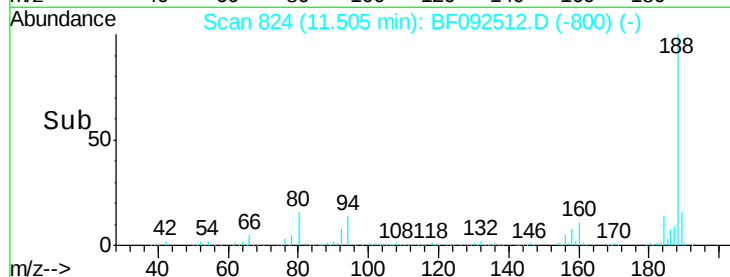
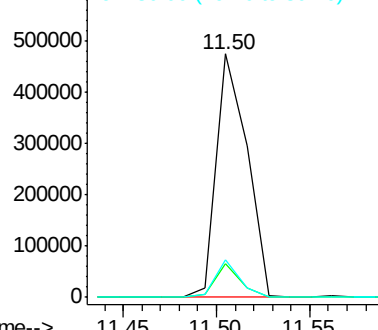
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF092512.D
Acq: 26 Jan 2017 9:02

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-9-11

Tot Ion:188 Resp: 547008
Ion Ratio Lower Upper
188 100
94 13.6 10.0 15.0
80 15.7 11.2 16.8

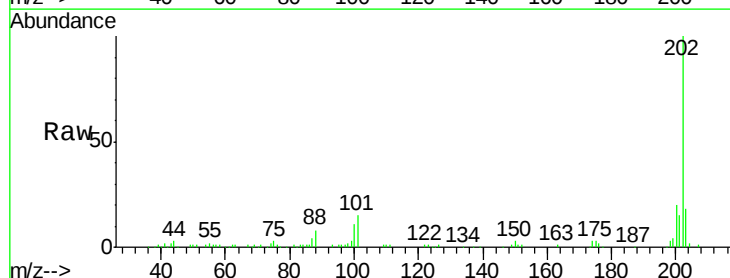


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

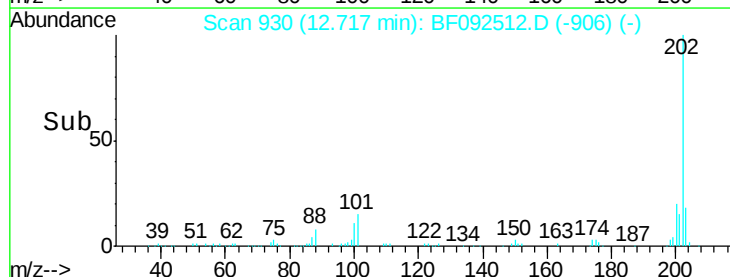
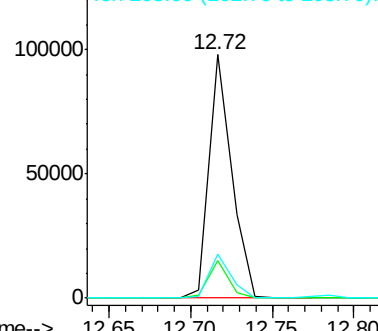


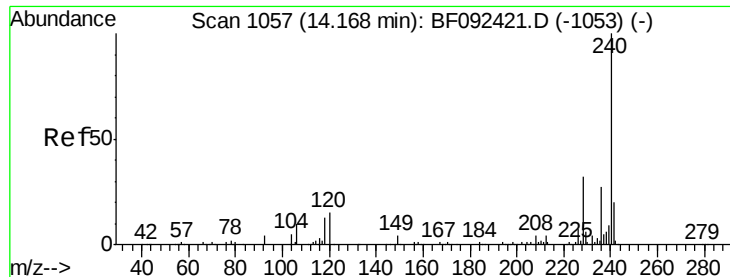
#74
Fluoranthene
Concen: 3.17 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.02 min
Lab File: BF092512.D
Acq: 26 Jan 2017 9:02

Tgt Ion:202 Resp: 93268
Ion Ratio Lower Upper
202 100
101 15.3 0.0 34.6
203 18.0 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF092512.D

Acq: 26 Jan 2017 9:02

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-9-11

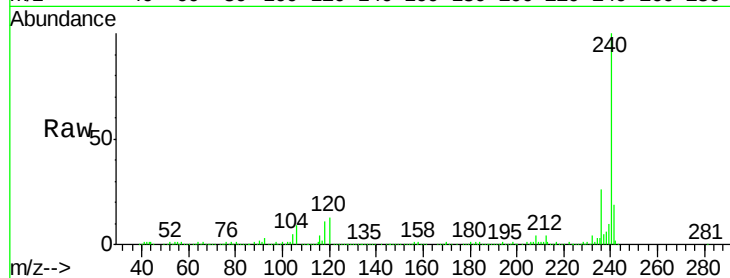
Tot Ion:240 Resp: 395526

Ion Ratio Lower Upper

240 100

120 13.2 12.9 19.3

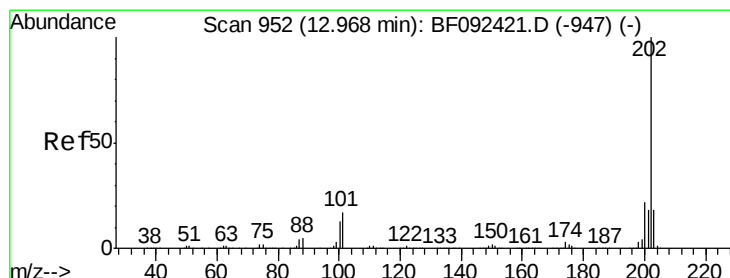
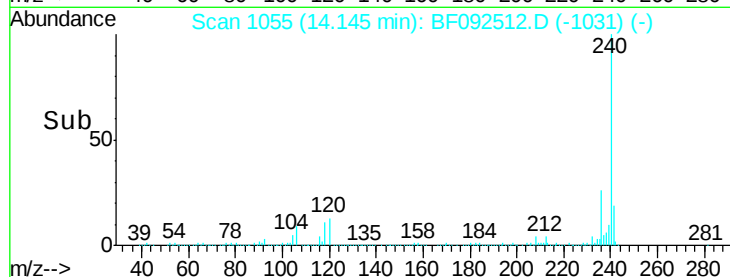
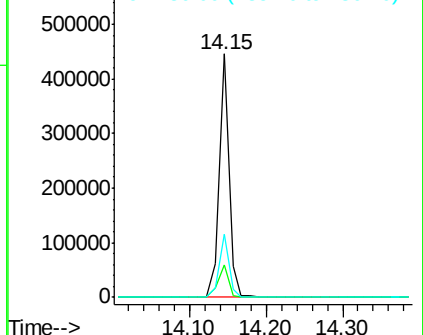
236 25.9 20.9 31.3



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

Pyrene

Concen: 2.38 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF092512.D

Acq: 26 Jan 2017 9:02

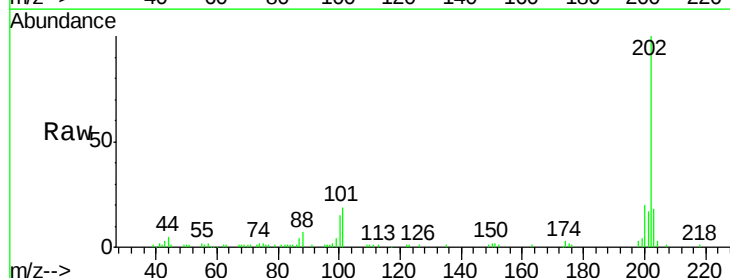
Tgt Ion:202 Resp: 68248

Ion Ratio Lower Upper

202 100

200 20.1 17.7 26.5

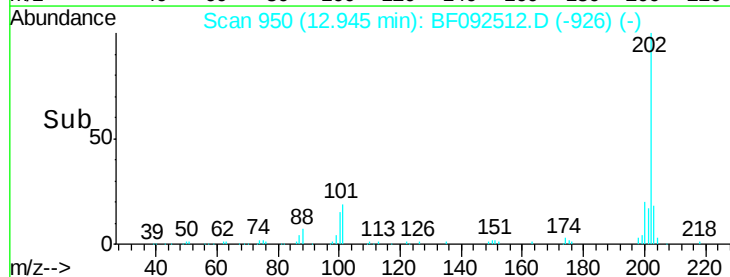
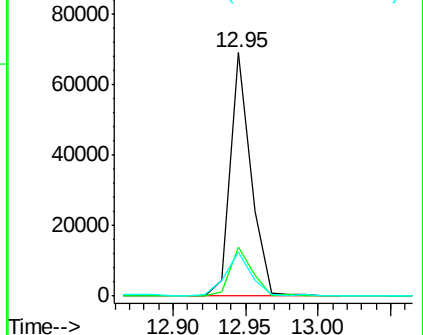
203 18.1 14.7 22.1

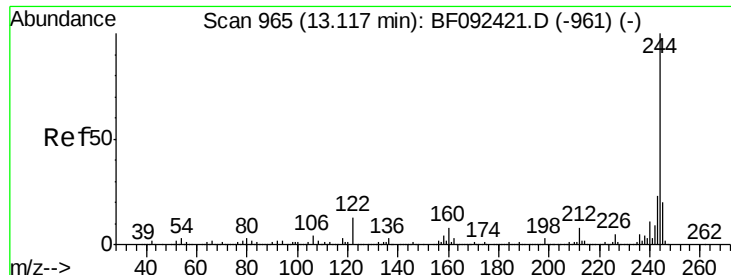


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

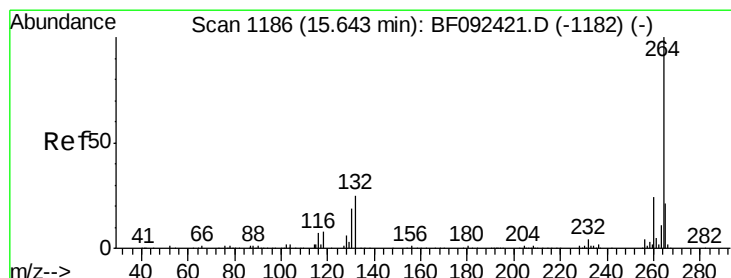
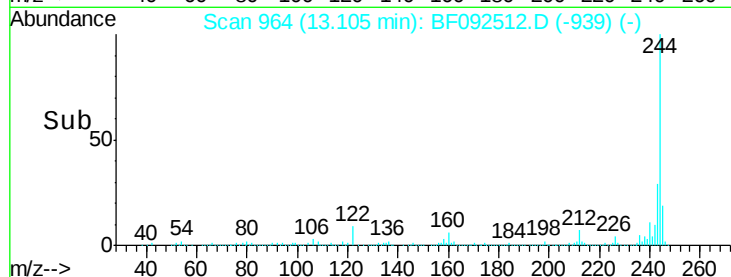
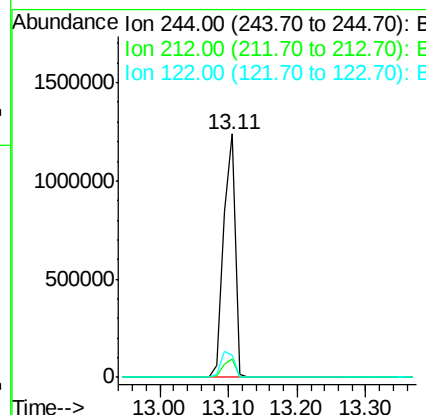
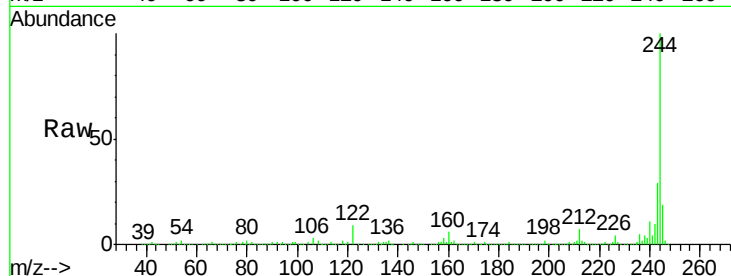




#78
 Terphenyl-d14
 Concen: 100.72 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092512.D
 Acq: 26 Jan 2017 9:02

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-9-11

Tot Ion:244 Resp: 1496000
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.1 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF092512.D
 Acq: 26 Jan 2017 9:02

Tgt Ion:264 Resp: 335954
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.1 17.4 26.0

