

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
 Data File : BF093304.D
 Acq On : 1 Mar 2017 22:08
 Operator : SJ/MA
 Sample : I2012-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-8

Quant Time: Mar 02 01:06:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

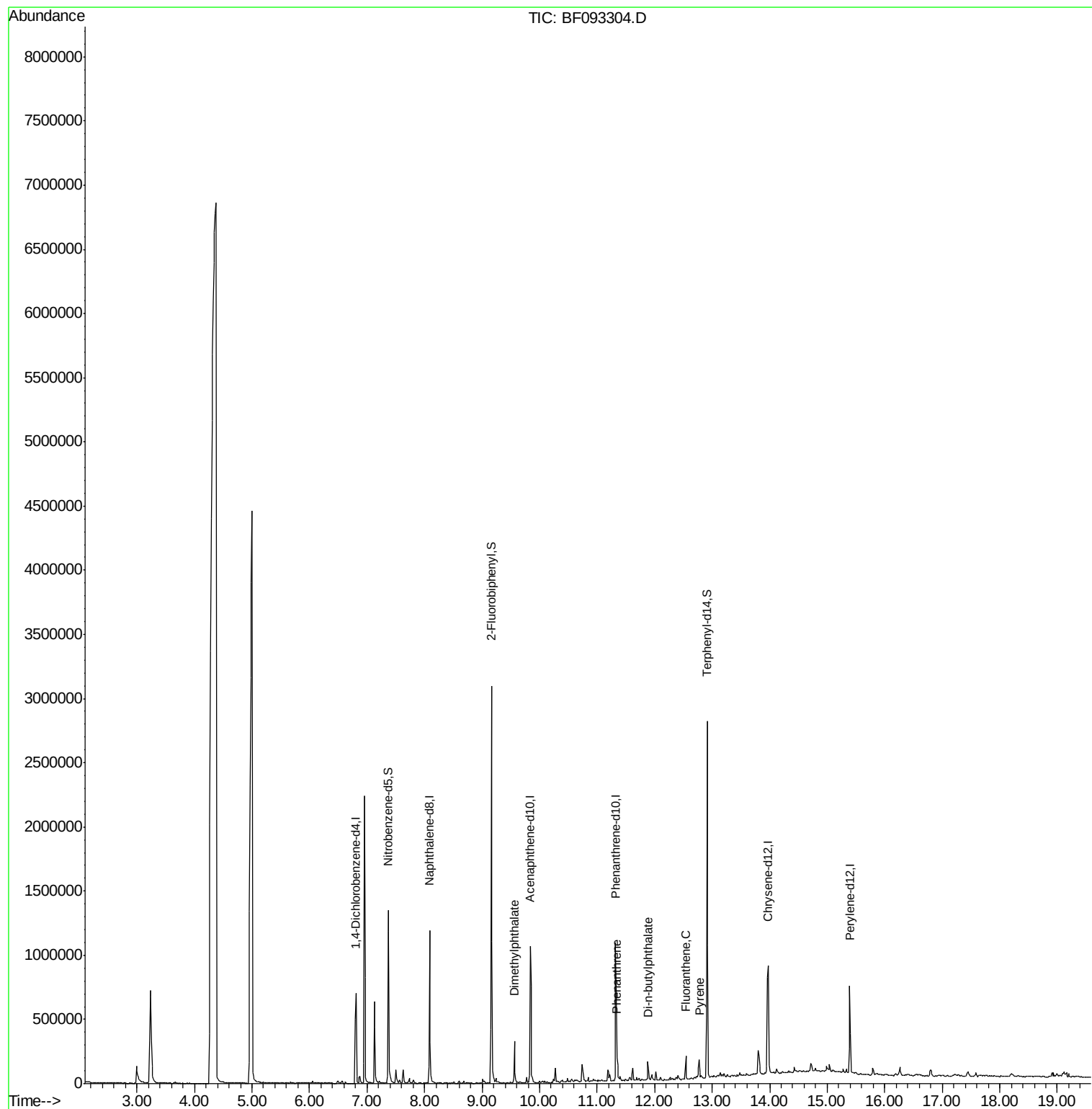
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	146452	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	577917	20.00	ng	-0.06
38) Acenaphthene-d10	9.84	164	283162	20.00	ng	-0.06
63) Phenanthrene-d10	11.32	188	516399	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	399221	20.00	ng	-0.05
86) Perylene-d12	15.39	264	277852	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.49	99	3096	0.28	ng	0.00
23) Nitrobenzene-d5	7.37	82	654277	63.05	ng	-0.06
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.16	172	1108683	70.93	ng	-0.06
78) Terphenyl-d14	12.91	244	934769	55.02	ng	-0.06
Target Compounds						
49) Dimethylphthalate	9.56	163	142747	7.48	ng	Qvalue 100
70) Phenanthrene	11.35	178	68968	2.33	ng	98
73) Di-n-butylphthalate	11.88	149	93138	3.03	ng	98
74) Fluoranthene	12.55	202	81609	2.67	ng	94
77) Pyrene	12.77	202	65880	2.21	ng	96

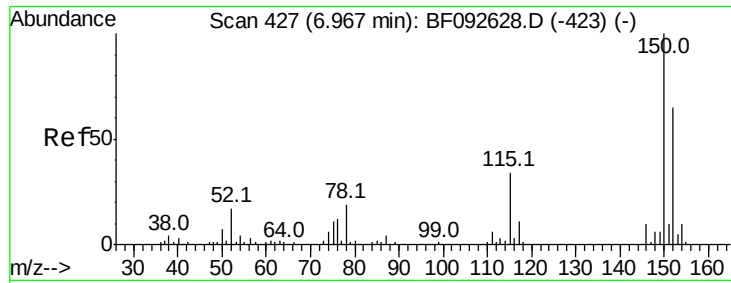
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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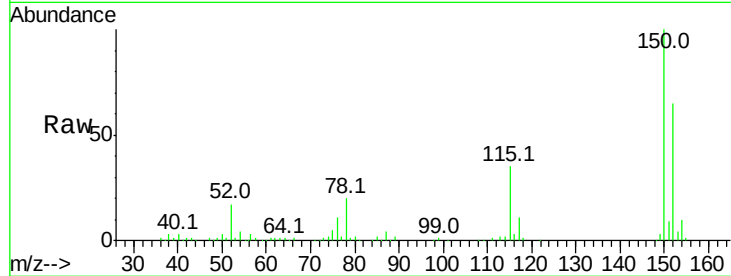


#1

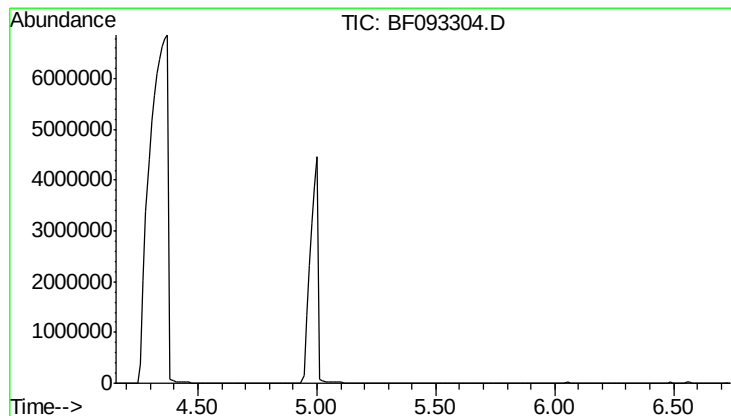
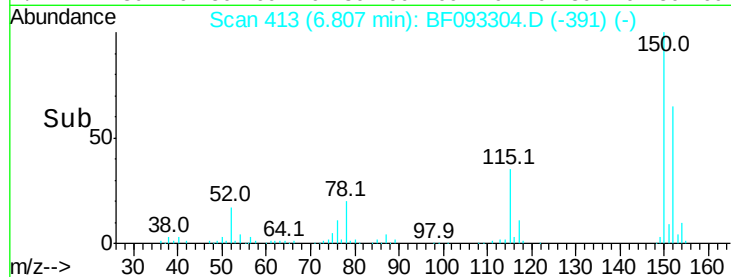
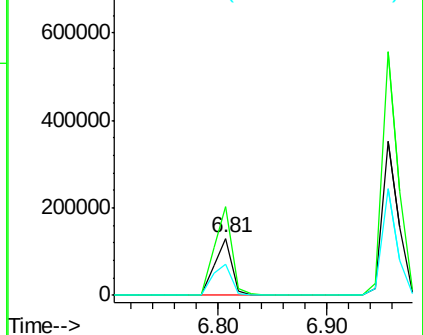
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF093304.D
 Acq: 1 Mar 2017 22:08

Instrument :
 BNA_F
 ClientSampleId :
 P-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.9	187.3
115	53.9	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

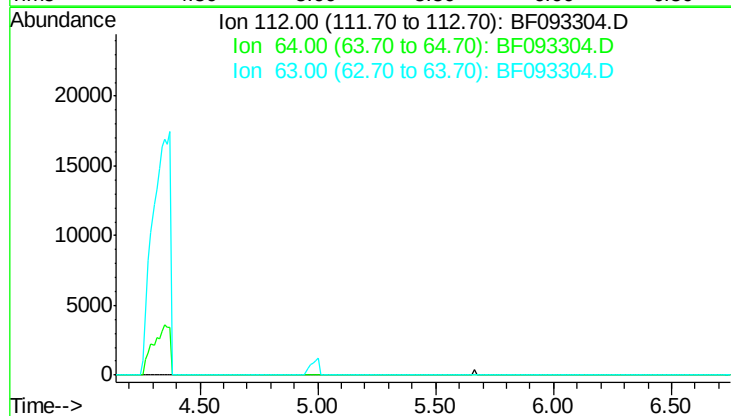


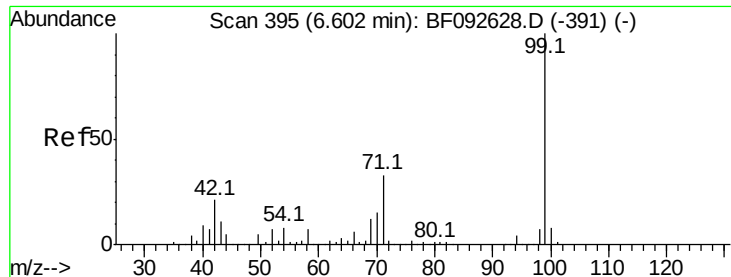
#5

2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.45 min

Lab File: BF093304.D
 Acq: 1 Mar 2017 22:08

Tgt Ion	Exp Ratio
112	100
64	57.6
63	29.7





#7

Phenol-d6

Concen: 0.28 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF093304.D

Acq: 1 Mar 2017 22:08

Instrument :

BNA_F

ClientSampleId :

P-8

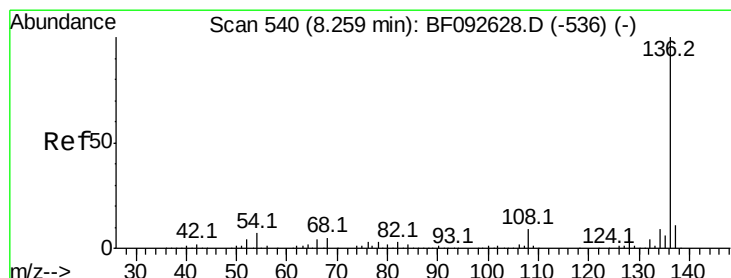
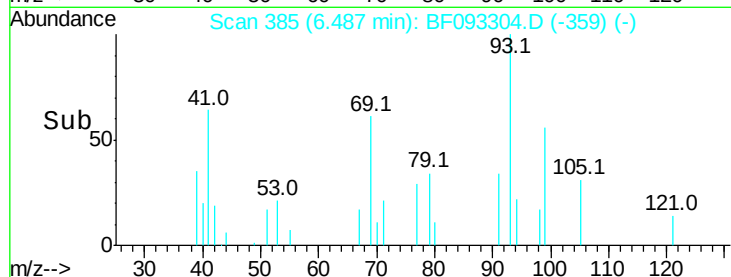
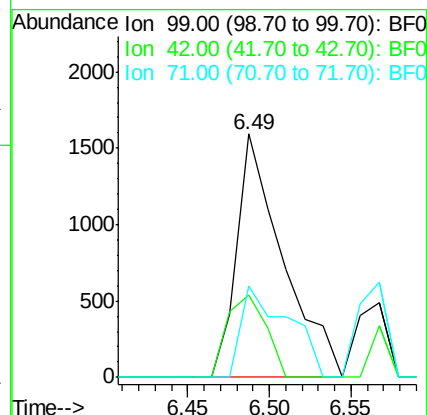
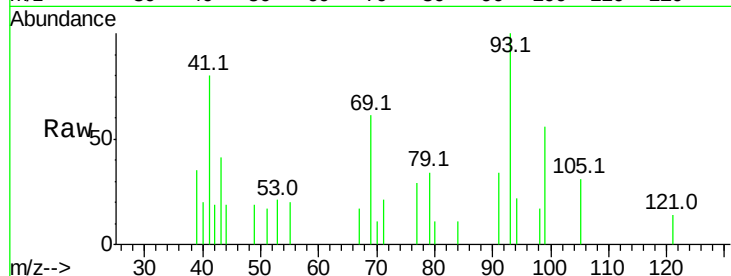
Tot Ion: 99 Resp: 3096

Ion Ratio Lower Upper

99 100

42 33.9 15.6 23.4#

71 37.7 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF093304.D

Acq: 1 Mar 2017 22:08

Tgt Ion: 136 Resp: 577917

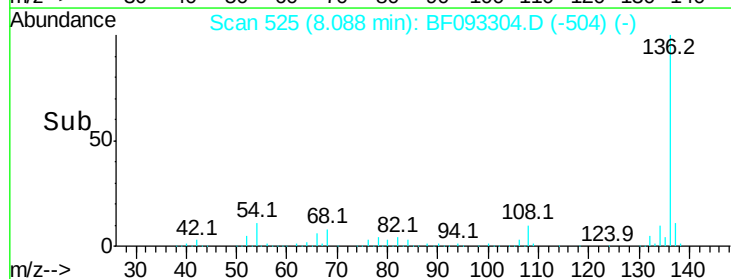
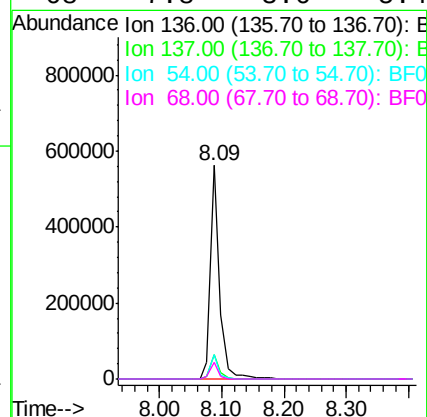
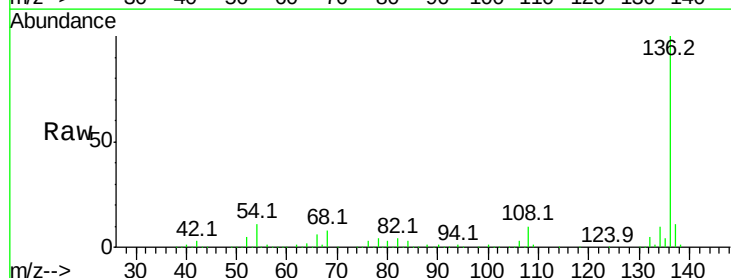
Ion Ratio Lower Upper

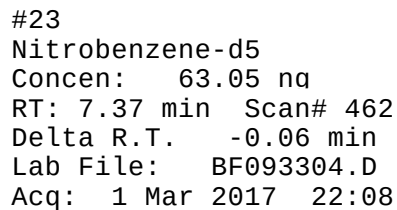
136 100

137 11.1 8.4 12.6

54 11.1 4.5 6.7#

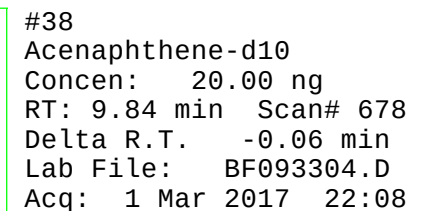
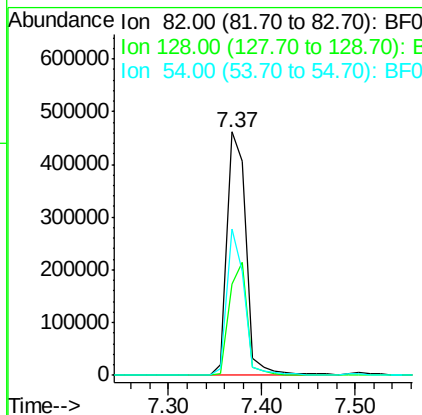
68 7.8 3.6 5.4#



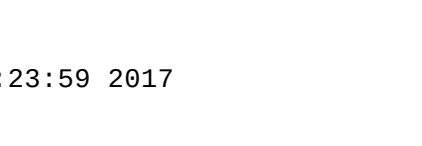
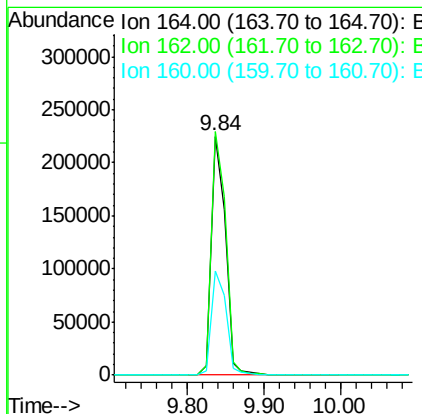


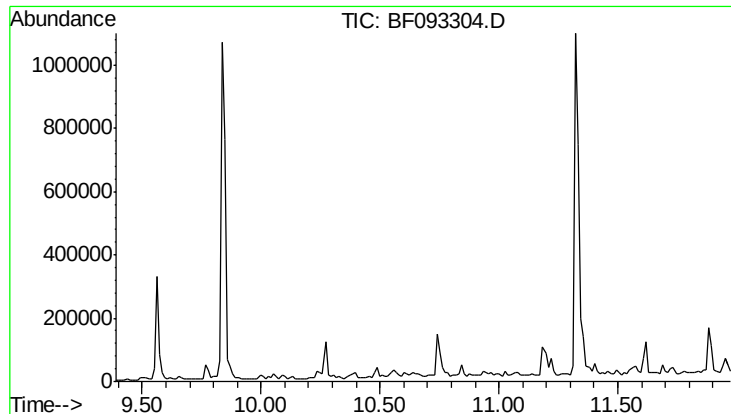
Instrument :
BNA_F
ClientSampleId :
P-8

Tot	Ion: 82	Resp:	654277
Ion	Ratio	Lower	Upper
82	100		
128	37.4	34.6	52.0
54	59.9	39.5	59.3#



Tgt	Ion:164	Resp:	283162
Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.2	120.2
160	43.5	36.9	55.3

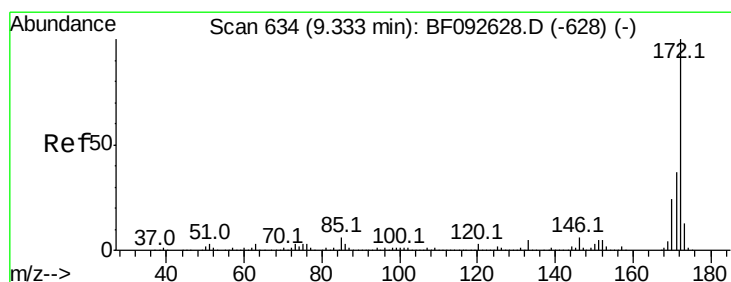
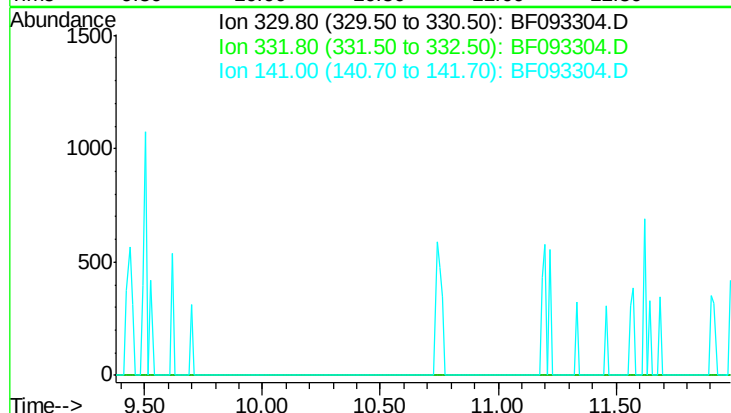




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.68 min
 Lab File: BF093304.D
 Acq: 1 Mar 2017 22:08

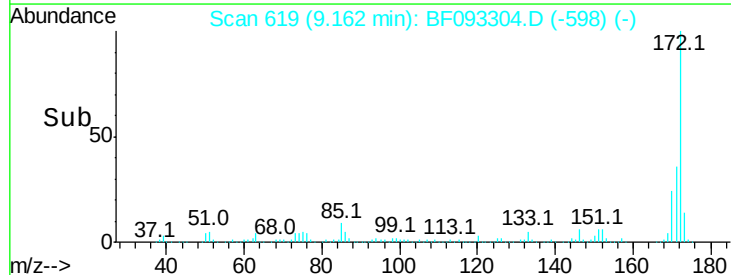
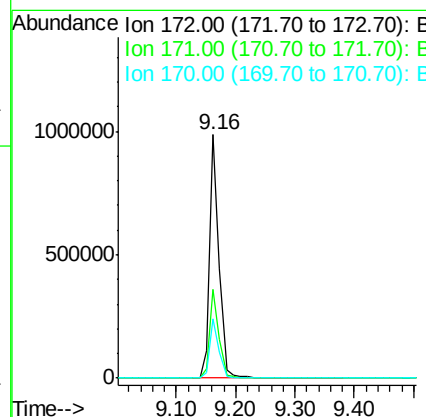
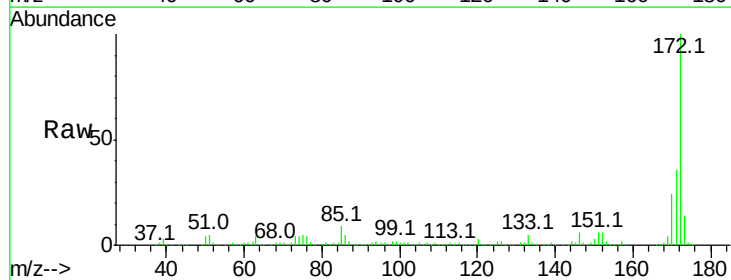
Instrument :
 BNA_F
 ClientSampleId :
 P-8

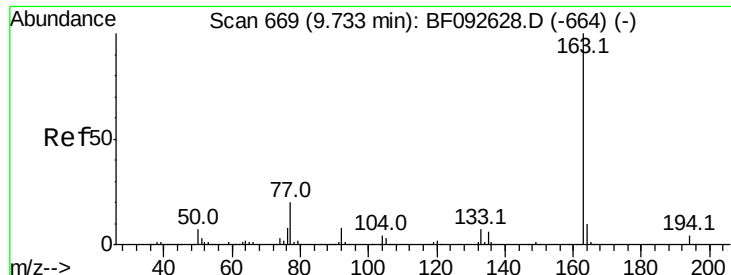
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.8
 141 42.6



#44
 2-Fluorobiphenyl
 Concen: 70.93 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF093304.D
 Acq: 1 Mar 2017 22:08

Tgt Ion: 172 Resp: 1108683
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.2 20.2 30.4





#49

Dimethylphthalate

Concen: 7.48 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.06 min

Lab File: BF093304.D

Acq: 1 Mar 2017 22:08

Instrument :

BNA_F

ClientSampleId :

P-8

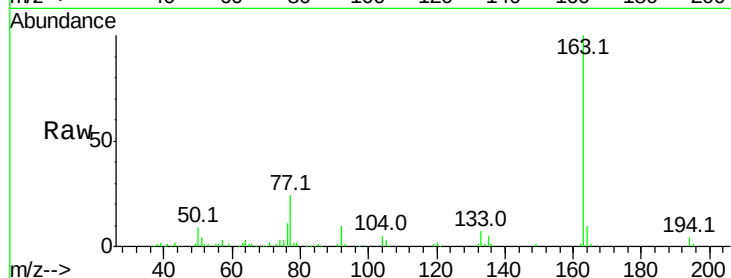
Tot Ion:163 Resp: 142747

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

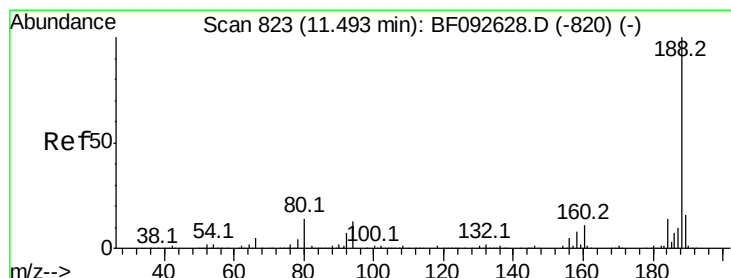
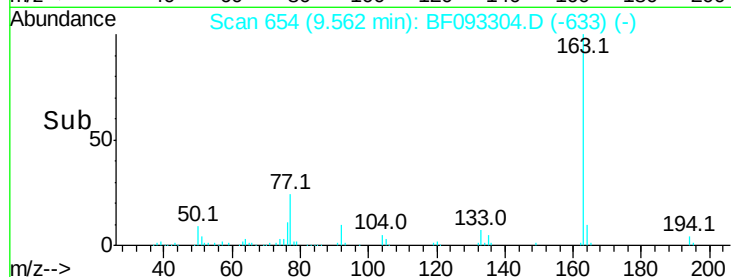
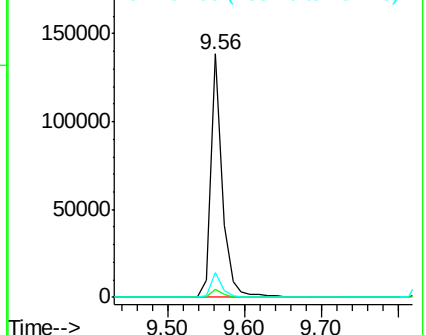
164 10.1 8.0 12.0



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: 11.32 min Scan# 808

Delta R.T. -0.06 min

Lab File: BF093304.D

Acq: 1 Mar 2017 22:08

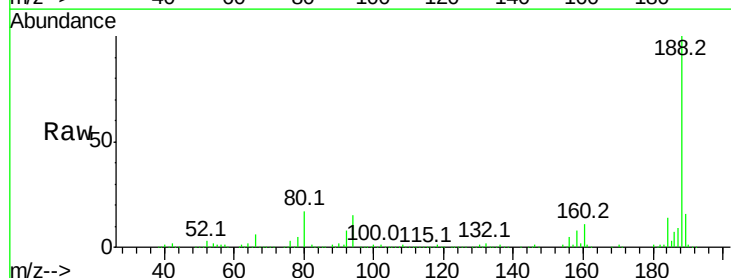
Tgt Ion:188 Resp: 516399

Ion Ratio Lower Upper

188 100

94 15.2 10.0 15.0#

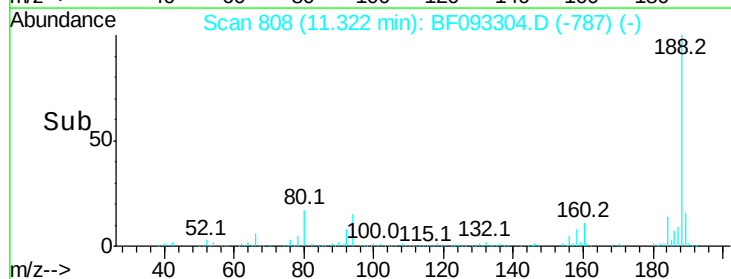
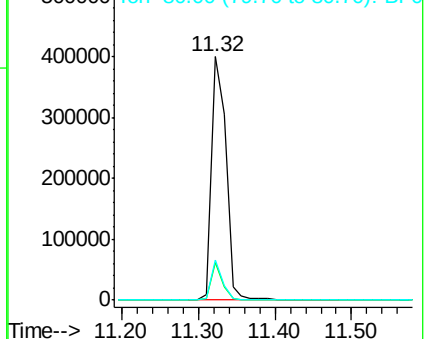
80 16.7 11.2 16.8

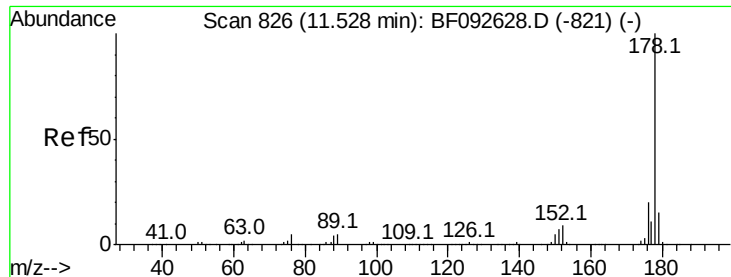


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

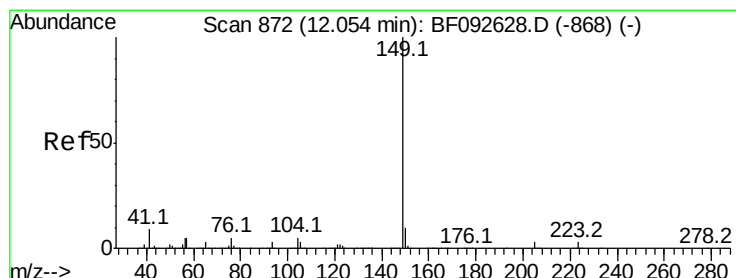
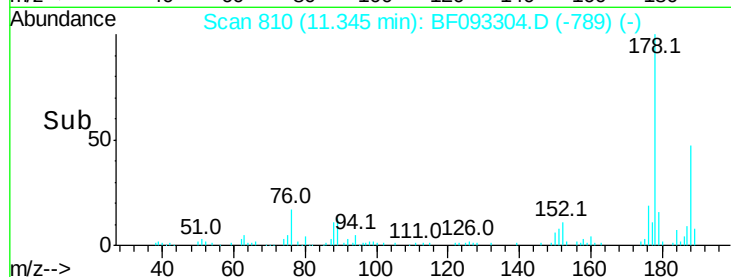
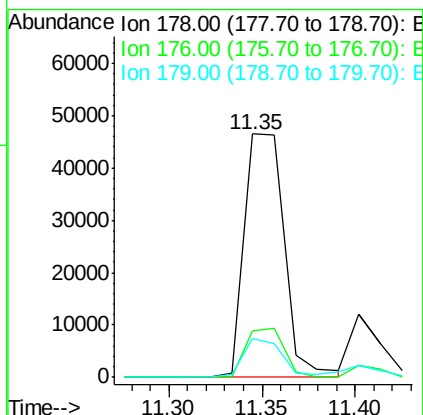
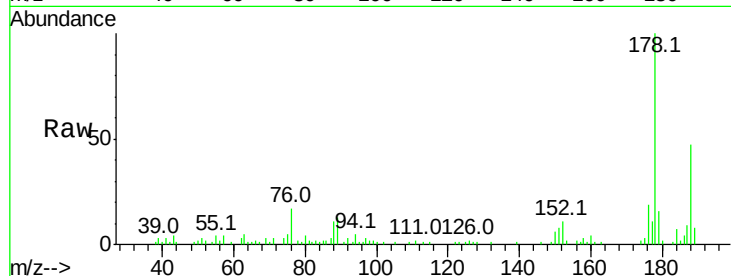




#70
Phenanthrene
Concen: 2.33 ng
RT: 11.35 min Scan# 810
Delta R.T. -0.06 min
Lab File: BF093304.D
Acq: 1 Mar 2017 22:08

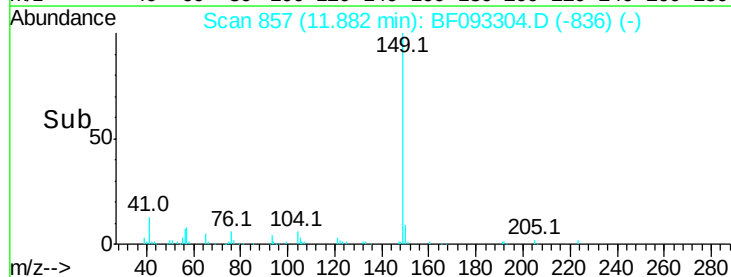
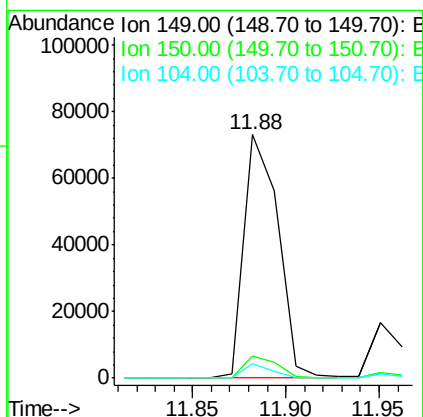
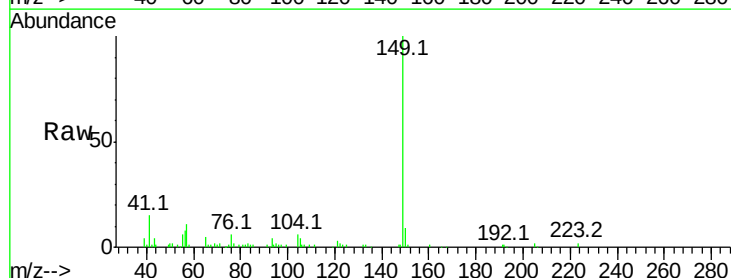
Instrument :
BNA_F
ClientSampleId :
P-8

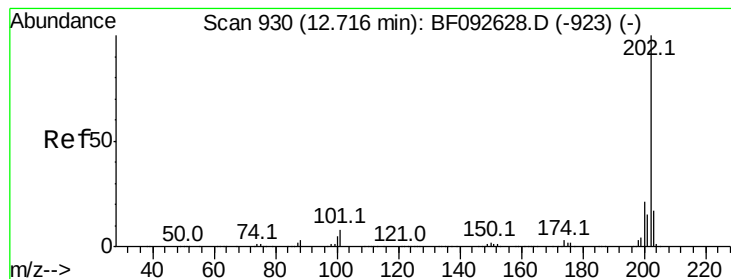
Tot Ion:178 Resp: 68968
Ion Ratio Lower Upper
178 100
176 19.0 16.6 25.0
179 15.9 12.8 19.2



#73
Di-n-butylphthalate
Concen: 3.03 ng
RT: 11.88 min Scan# 857
Delta R.T. -0.06 min
Lab File: BF093304.D
Acq: 1 Mar 2017 22:08

Tgt Ion:149 Resp: 93138
Ion Ratio Lower Upper
149 100
150 9.2 8.1 12.1
104 5.7 4.6 7.0





#74

Fluoranthene

Concen: 2.67 ng

RT: 12.55 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF093304.D

Acq: 1 Mar 2017 22:08

Instrument :

BNA_F

ClientSampleId :

P-8

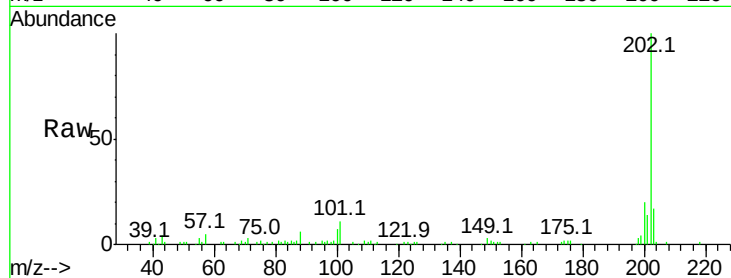
Tot Ion:202 Resp: 81609

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.6

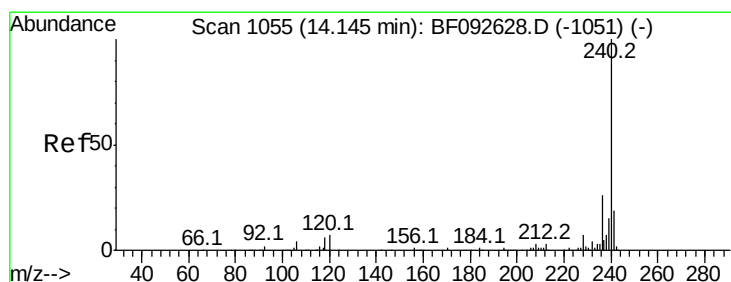
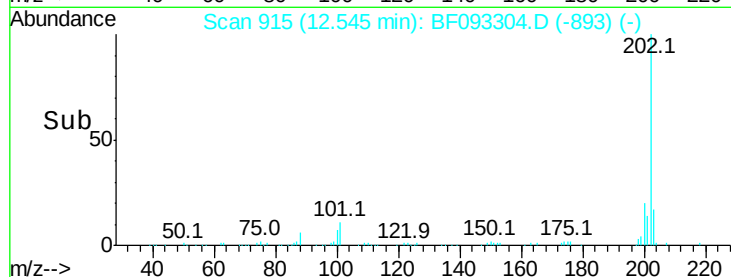
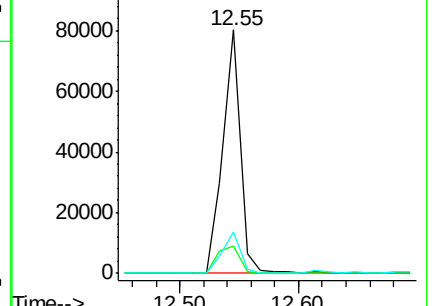
203 16.9 0.0 38.7



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: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093304.D

Acq: 1 Mar 2017 22:08

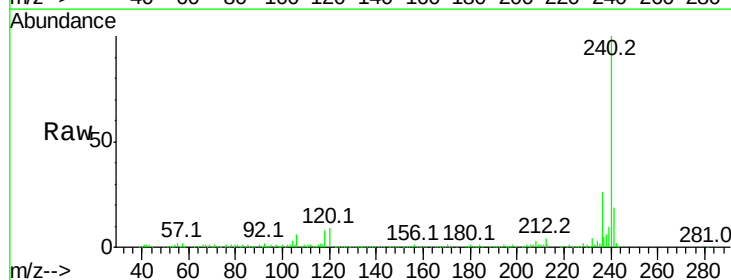
Tgt Ion:240 Resp: 399221

Ion Ratio Lower Upper

240 100

120 8.7 12.9 19.3#

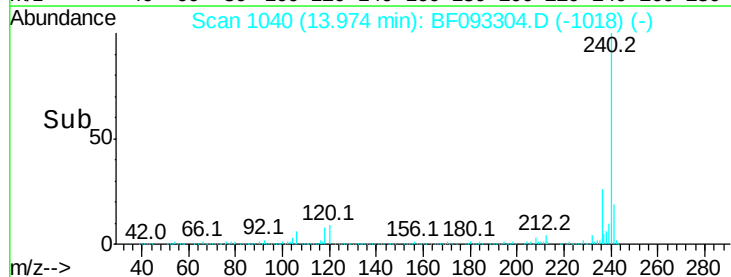
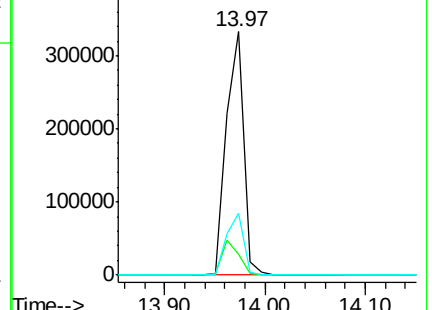
236 25.6 20.9 31.3

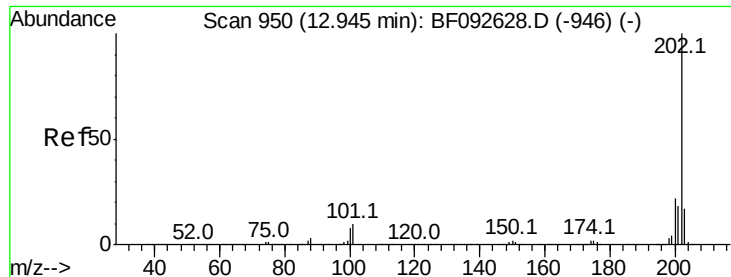


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.21 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF093304.D

Acq: 1 Mar 2017 22:08

Instrument :

BNA_F

ClientSampleId :

P-8

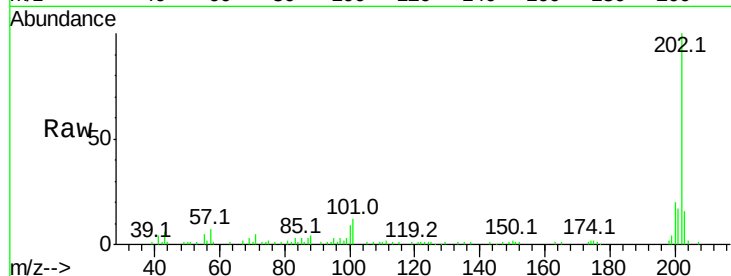
Tot Ion:202 Resp: 65880

Ion Ratio Lower Upper

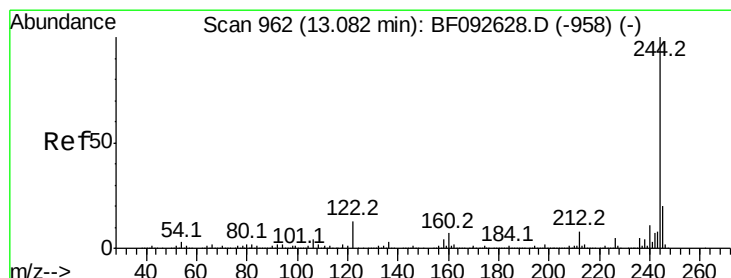
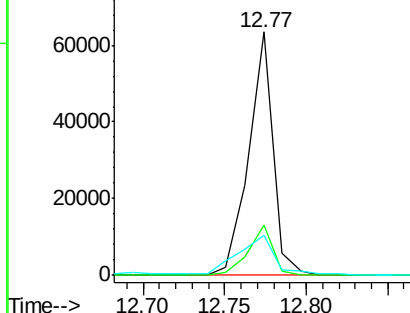
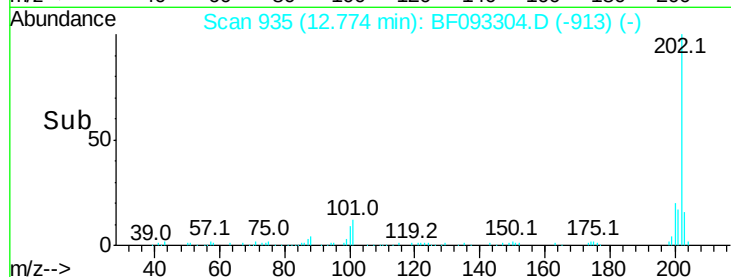
202 100

200 20.5 17.7 26.5

203 16.4 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: 55.02 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF093304.D

Acq: 1 Mar 2017 22:08

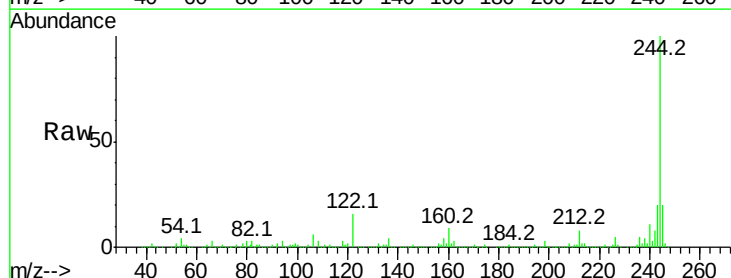
Tgt Ion:244 Resp: 934769

Ion Ratio Lower Upper

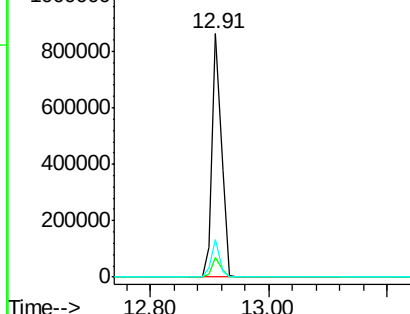
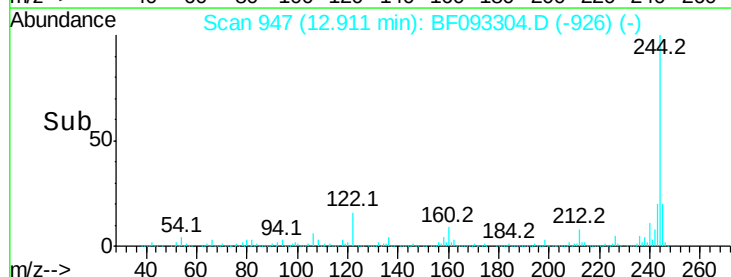
244 100

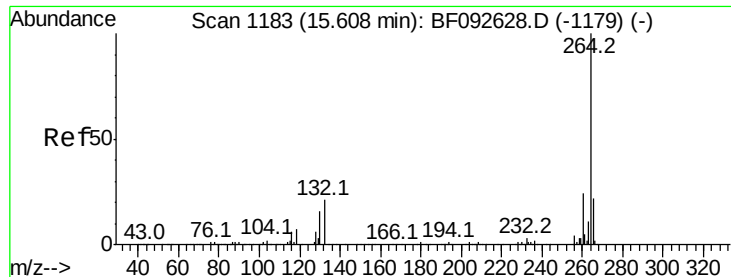
212 8.1 6.2 9.2

122 15.5 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

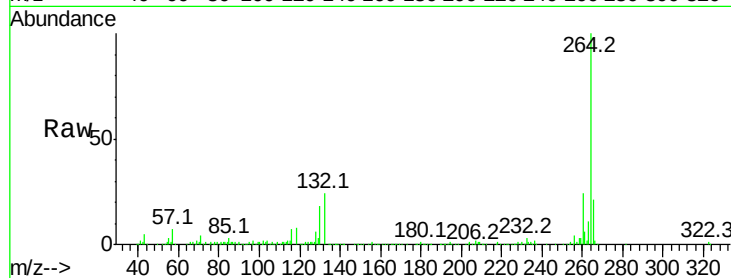




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.06 min
 Lab File: BF093304.D
 Acq: 1 Mar 2017 22:08

Instrument :
 BNA_F
 ClientSampleId :
 P-8

Tot Ion:	264	Resp:	277852
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

