

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093173.D
 Acq On : 25 Feb 2017 6:04
 Operator : SJ/MA
 Sample : I1973-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2-BASE-6

Quant Time: Feb 27 00:29:36 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

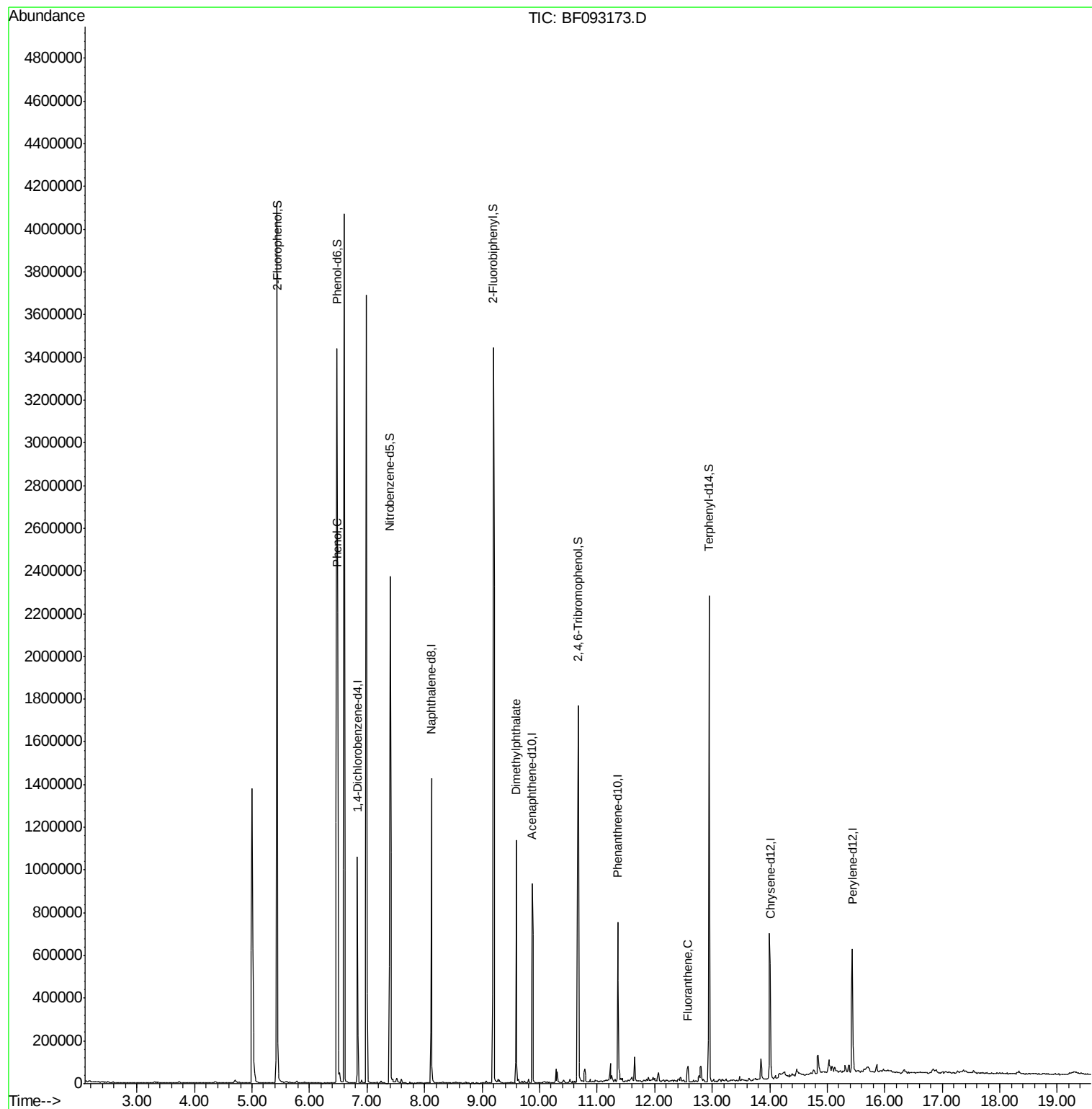
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	149882	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	598335	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	240205	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	341395	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	301368	20.00	ng	-0.01
86) Perylene-d12	15.44	264	256212	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1347020	154.19	ng	-0.01
7) Phenol-d6	6.48	99	1639008	145.81	ng	-0.01
23) Nitrobenzene-d5	7.40	82	946860	88.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	229234	131.95	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1494913	112.75	ng	-0.02
78) Terphenyl-d14	12.95	244	908916	70.87	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	105694	8.04	ng	95
49) Dimethylphthalate	9.60	163	420127	25.97	ng	100
74) Fluoranthene	12.58	202	40686	2.02	ng	92

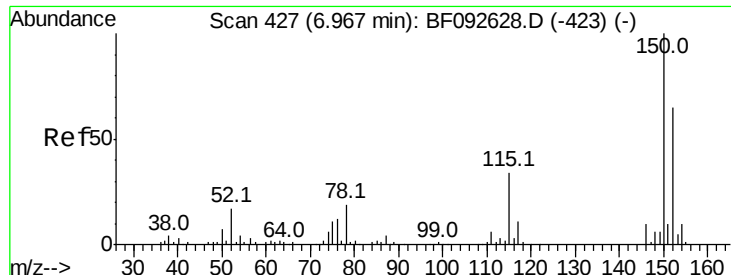
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF093173.D

Acq: 25 Feb 2017 6:04

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-6

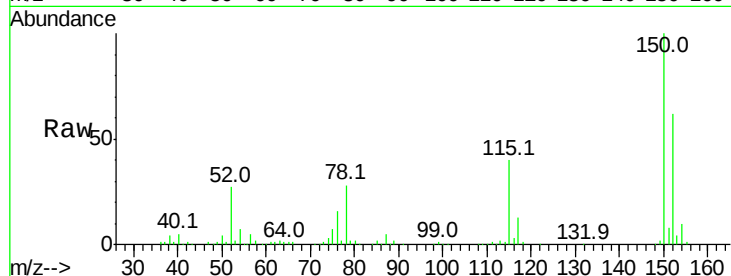
Tot Ion:152 Resp: 149882

Ion Ratio Lower Upper

152 100

150 161.2 124.9 187.3

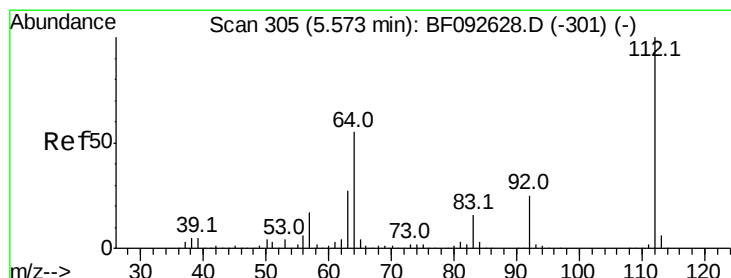
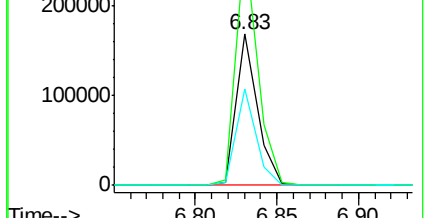
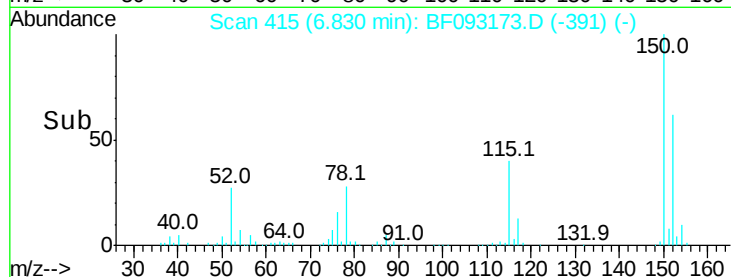
115 63.7 46.0 69.0



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: 154.19 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093173.D

Acq: 25 Feb 2017 6:04

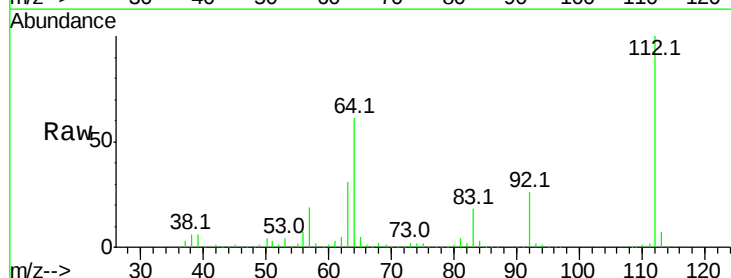
Tgt Ion:112 Resp: 1347020

Ion Ratio Lower Upper

112 100

64 61.0 46.1 69.1

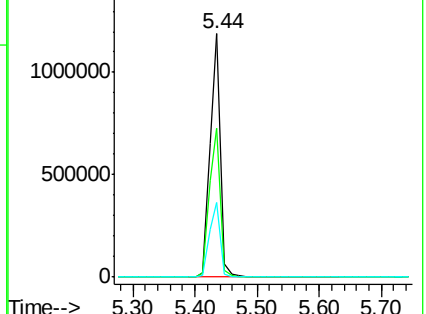
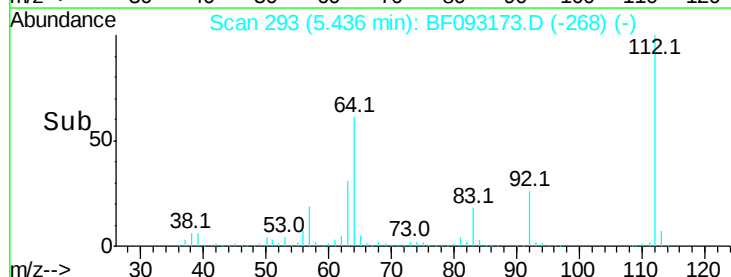
63 30.7 23.8 35.6

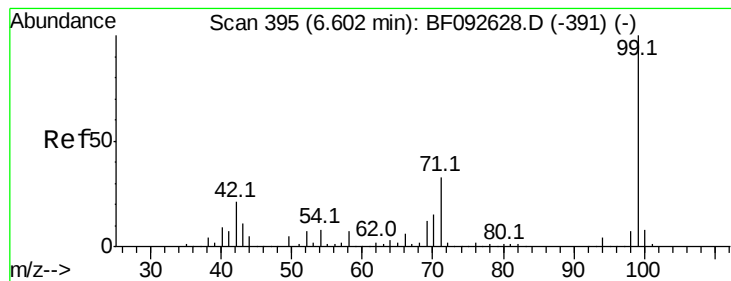


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.81 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093173.D

Acq: 25 Feb 2017 6:04

Instrument :

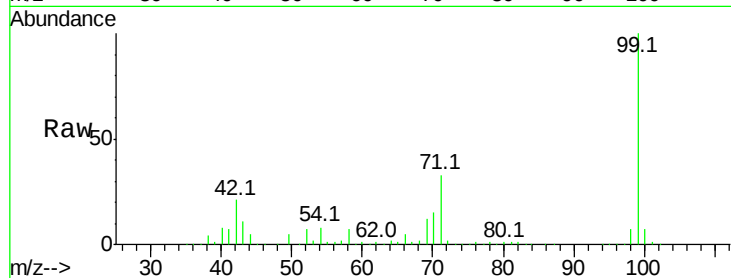
BNA_F

ClientSampleId :

E2-B1-B2-BASE-6

Tot Ion: 99 Resp: 1639008

Ion	Ratio	Lower	Upper
99	100		
42	20.6	15.6	23.4
71	32.9	27.5	41.3

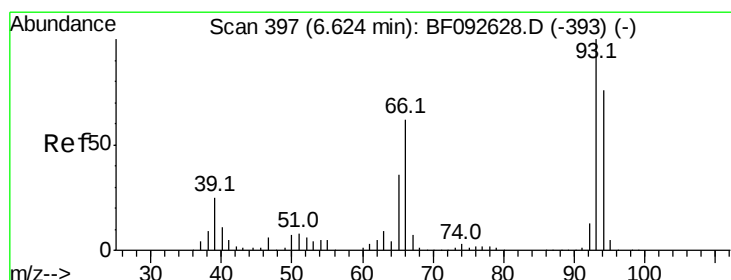
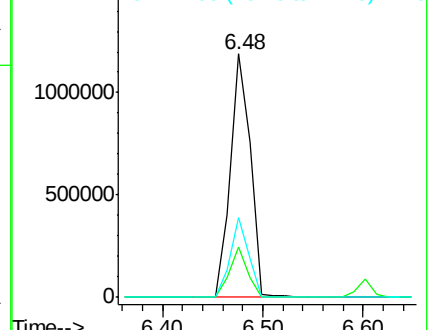
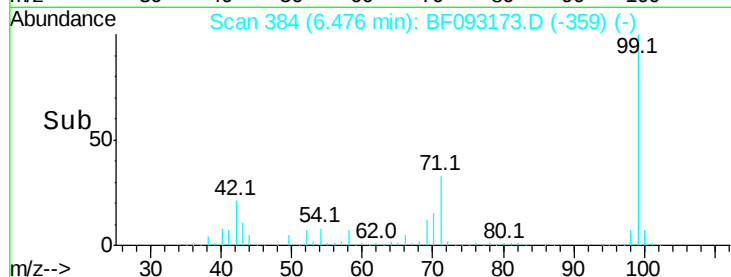


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 8.04 ng

RT: 6.49 min Scan# 385

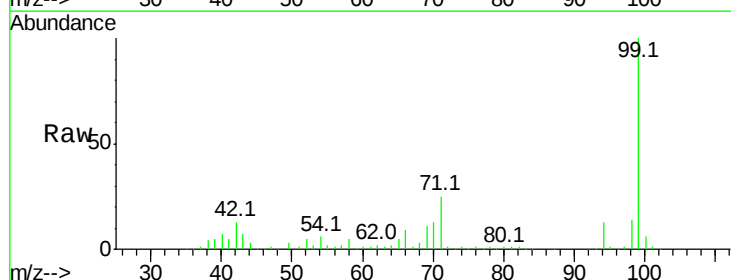
Delta R.T. -0.02 min

Lab File: BF093173.D

Acq: 25 Feb 2017 6:04

Tgt Ion: 94 Resp: 105694

Ion	Ratio	Lower	Upper
94	100		
65	37.8	21.4	61.4
66	67.3	44.0	84.0

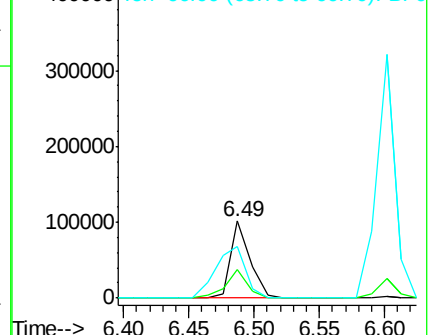
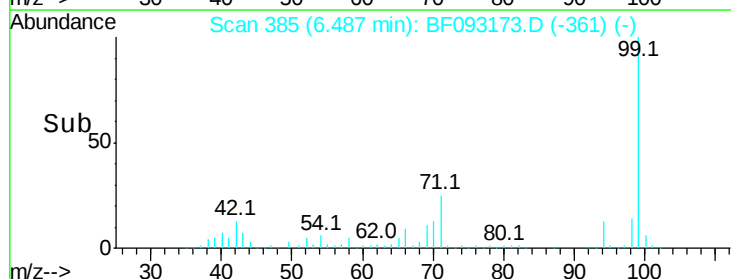


Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

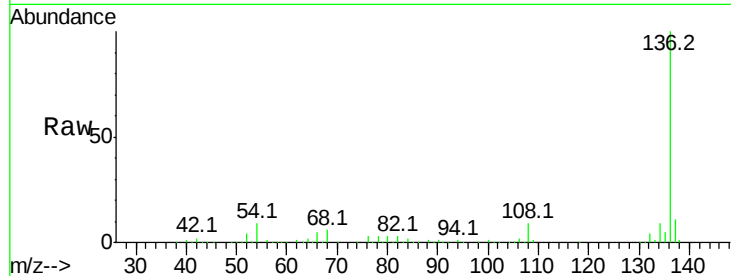




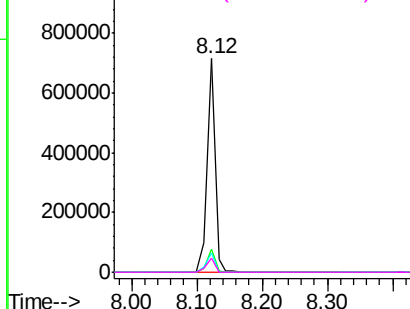
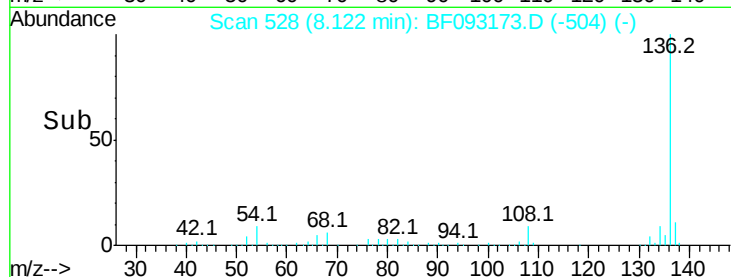
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-6

Tot Ion:	136	Resp:	598335
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.3	4.5	6.7#
68	6.5	3.6	5.4#

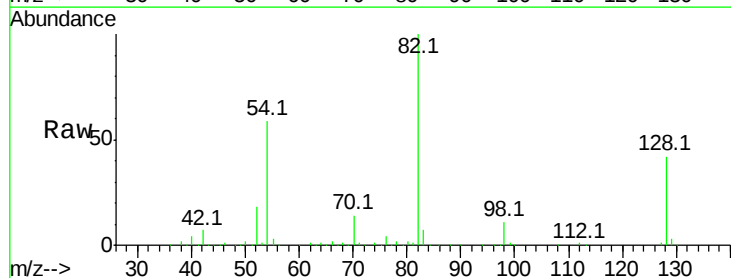


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

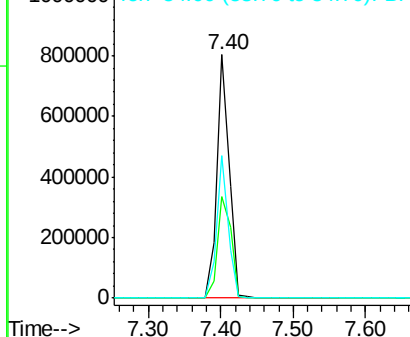
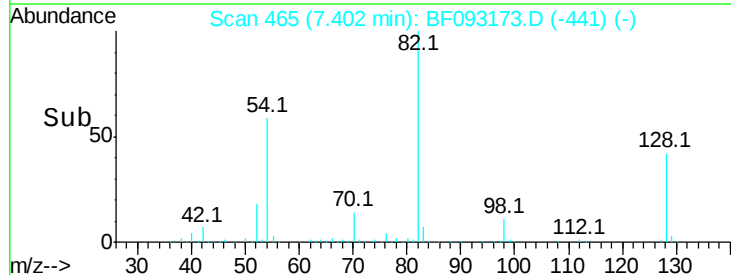


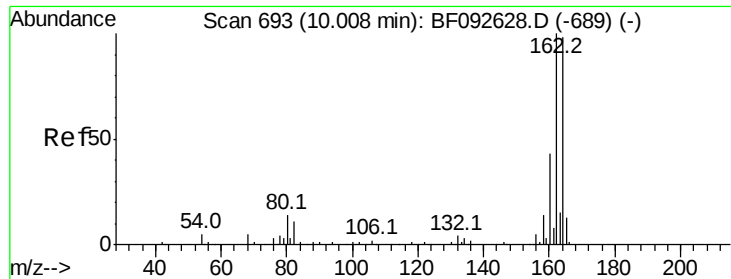
#23
Nitrobenzene-d5
Concen: 88.12 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Tgt Ion:	82	Resp:	946860
Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	52.0
54	58.7	39.5	59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF093173.D

Acq: 25 Feb 2017 6:04

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-6

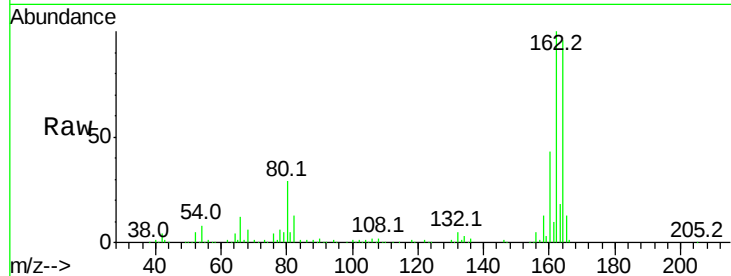
Tot Ion:164 Resp: 240205

Ion Ratio Lower Upper

164 100

162 104.1 80.2 120.2

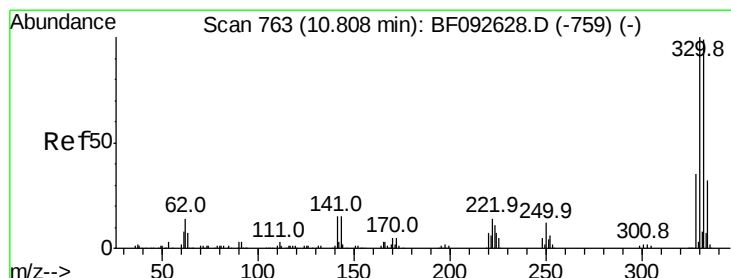
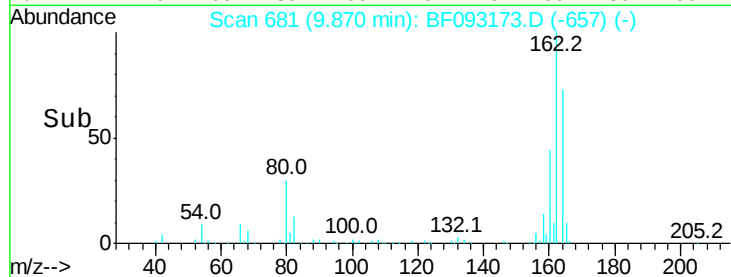
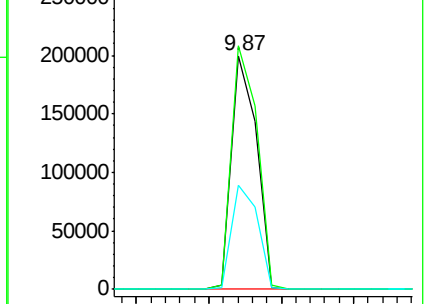
160 44.7 36.9 55.3



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: 131.95 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF093173.D

Acq: 25 Feb 2017 6:04

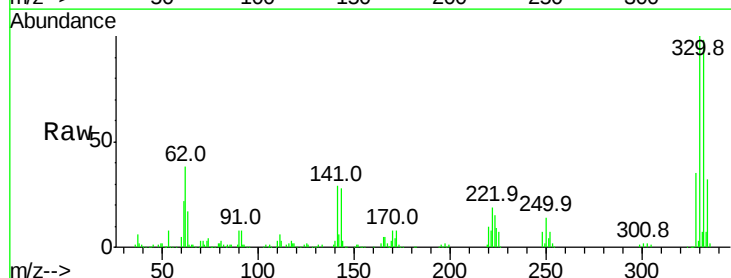
Tgt Ion:330 Resp: 229234

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

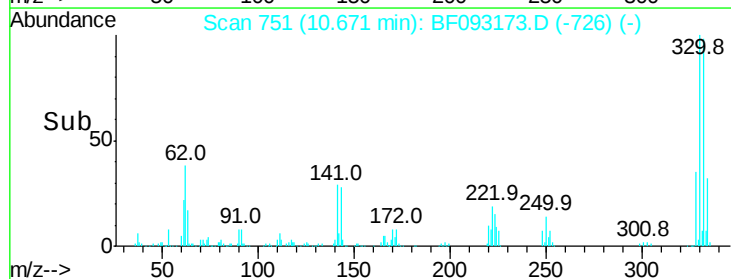
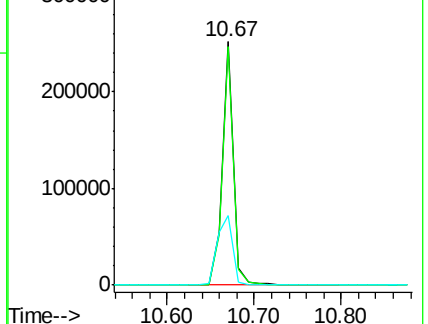
141 40.0 34.1 51.1

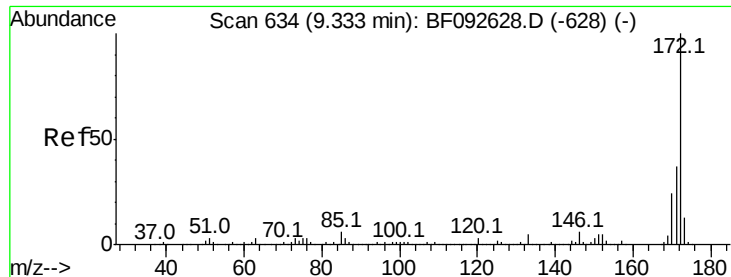


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



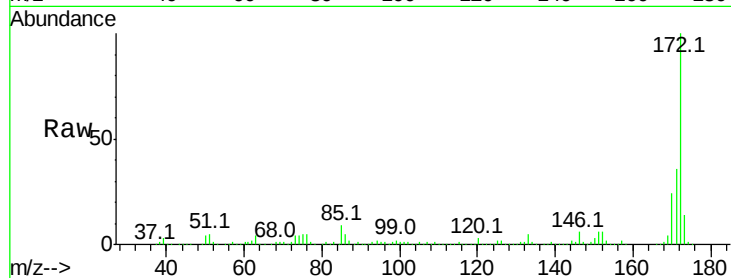


#44
 2-Fluorobiphenyl
 Concen: 112.75 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093173.D
 Acq: 25 Feb 2017 6:04

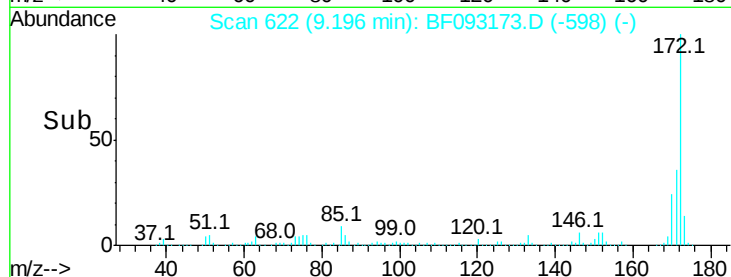
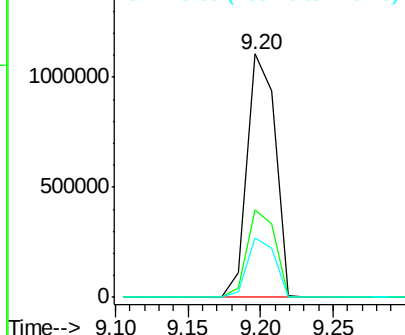
Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2-BASE-6

Tot Ion:172 Resp: 1494913

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.3	20.2	30.4



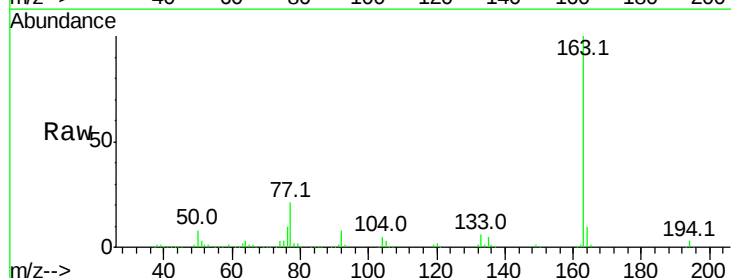
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



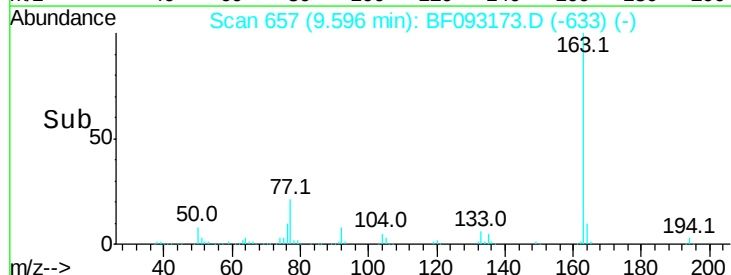
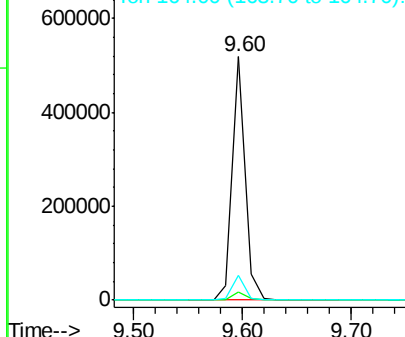
#49
 Dimethylphthalate
 Concen: 25.97 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF093173.D
 Acq: 25 Feb 2017 6:04

Tgt Ion:163 Resp: 420127

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.0	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

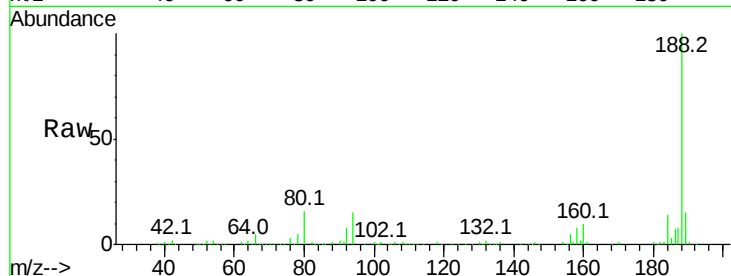




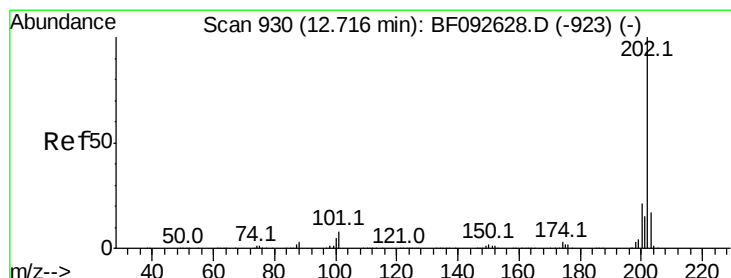
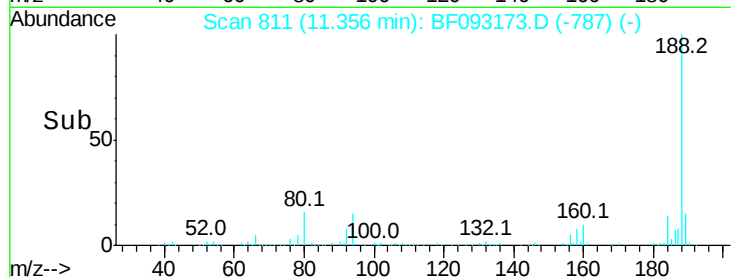
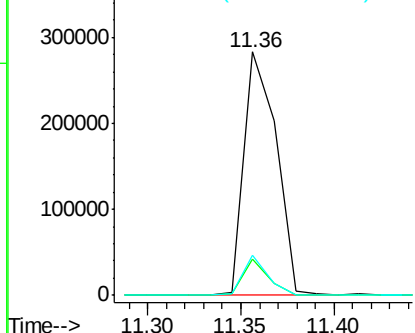
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-6

Tot Ion:188 Resp: 341395
Ion Ratio Lower Upper
188 100
94 15.0 10.0 15.0
80 16.3 11.2 16.8

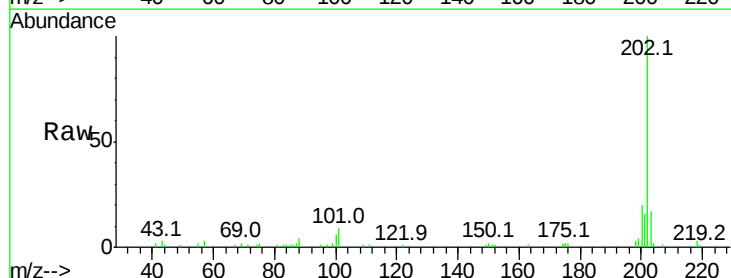


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

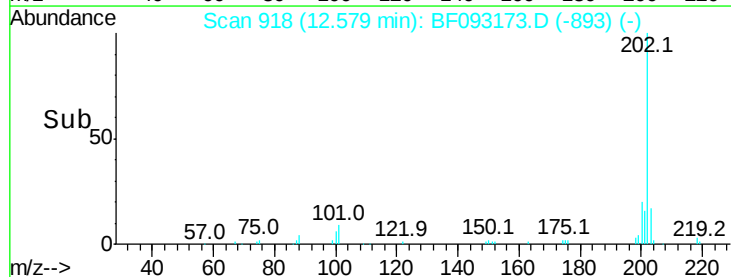
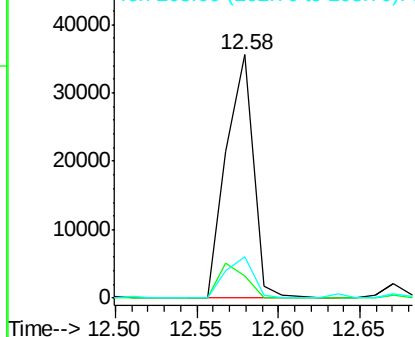


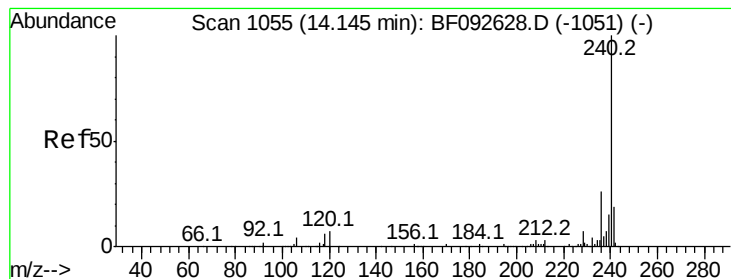
#74
Fluoranthene
Concen: 2.02 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Tgt Ion:202 Resp: 40686
Ion Ratio Lower Upper
202 100
101 9.4 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

Chrvsene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093173.D

Acq: 25 Feb 2017 6:04

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-6

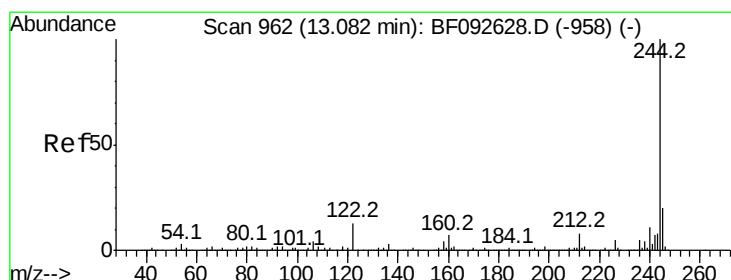
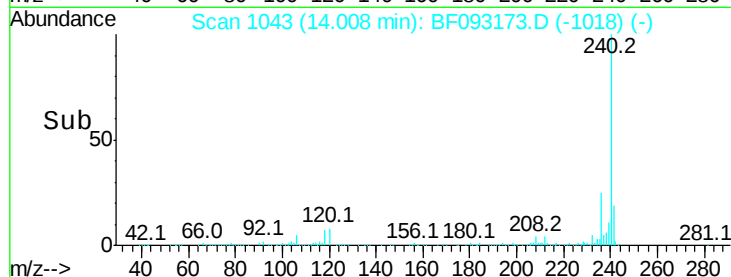
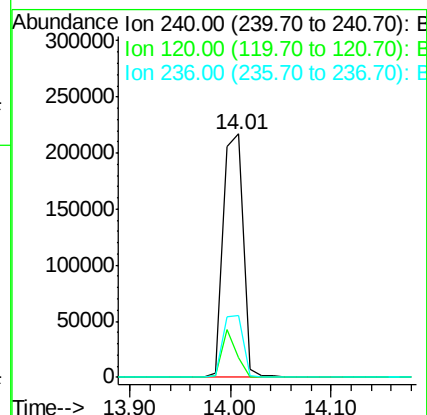
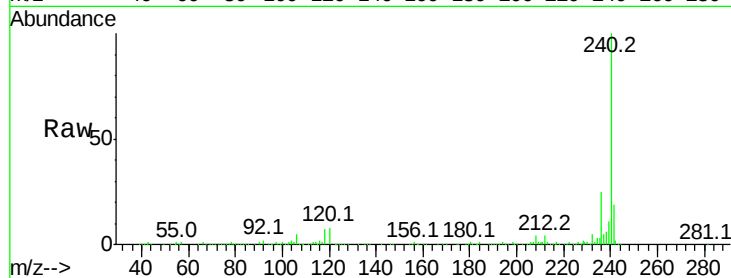
Tot Ion:240 Resp: 301368

Ion Ratio Lower Upper

240 100

120 7.9 12.9 19.3#

236 25.3 20.9 31.3



#78

Terphenyl-d14

Concen: 70.87 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093173.D

Acq: 25 Feb 2017 6:04

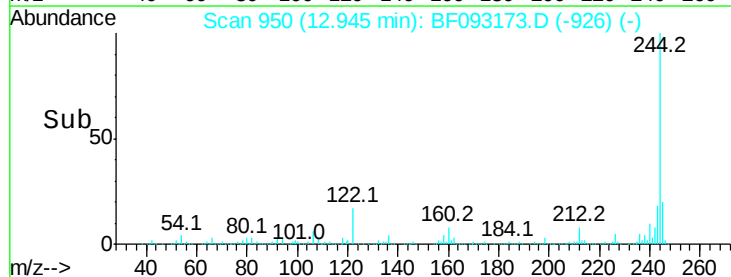
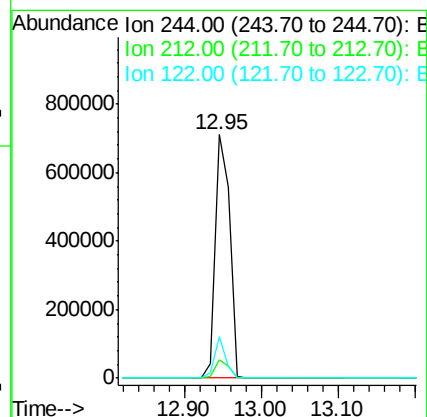
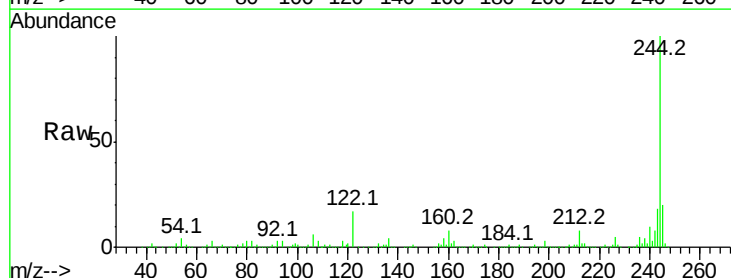
Tgt Ion:244 Resp: 908916

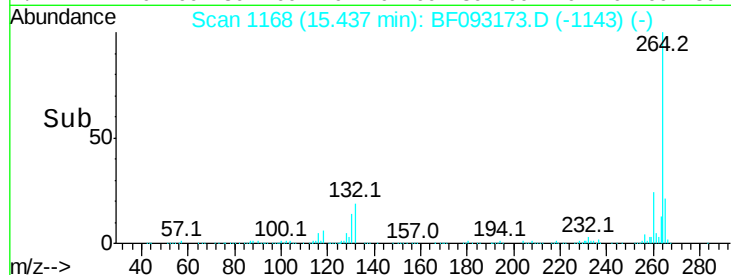
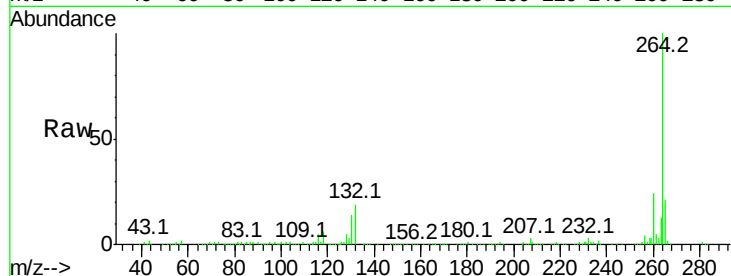
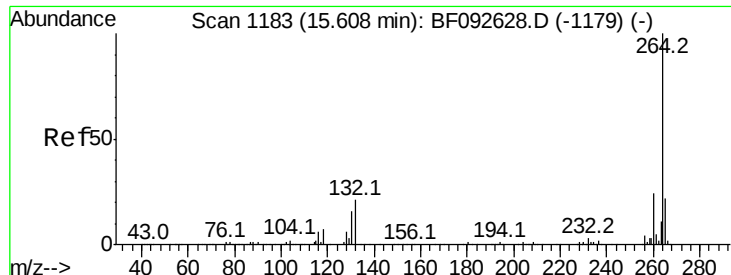
Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 16.8 11.4 17.2





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-6

Tot Ion:	264	Resp:	256212
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.4	26.0

