

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093383.D
 Acq On : 4 Mar 2017 2:29
 Operator : SJ/MA
 Sample : I2078-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-6

Quant Time: Mar 04 03:08:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 04 01:38:15 2017
 Response via : Initial Calibration

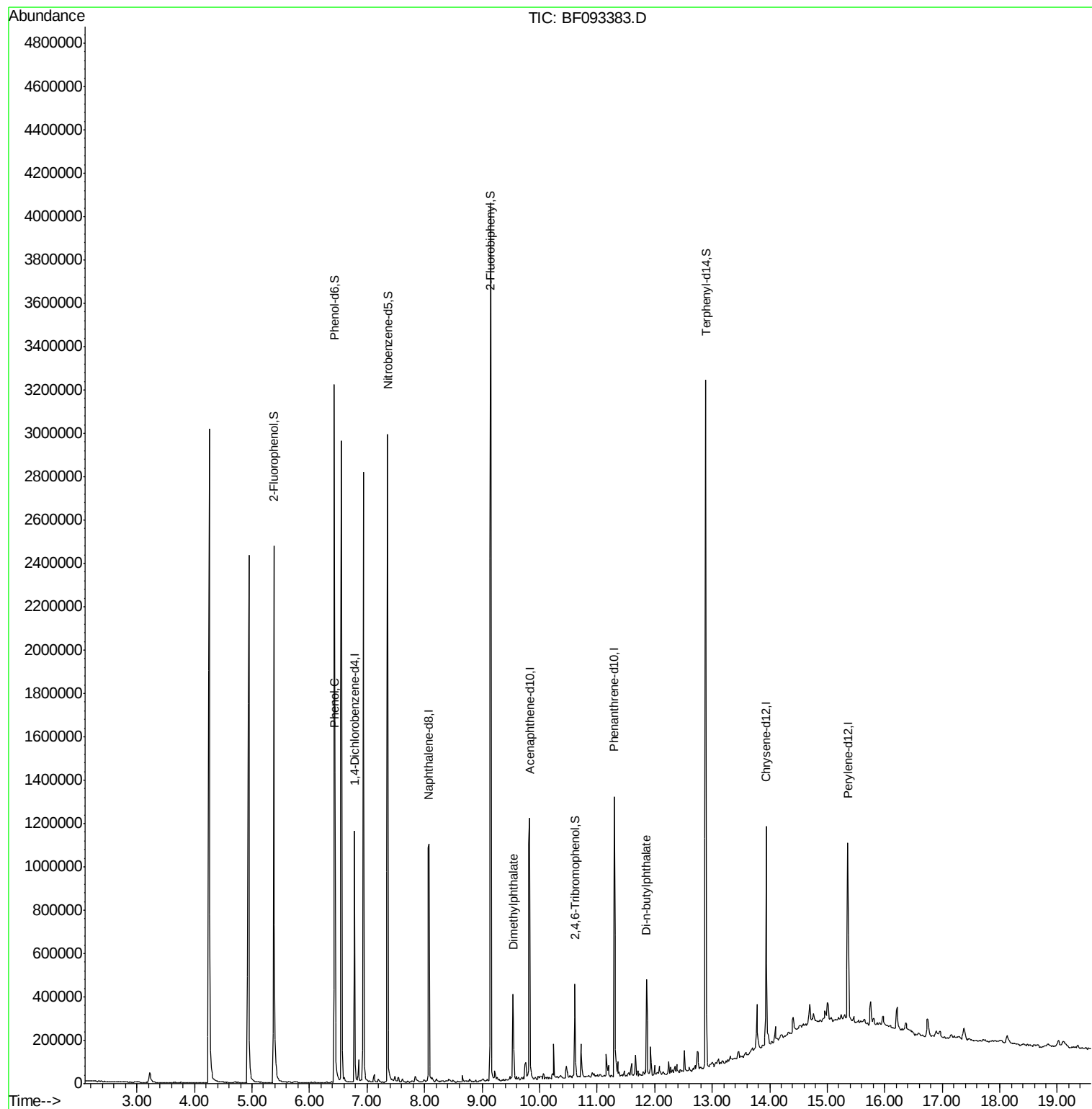
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	212412	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	779291	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	346896	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	548721	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	369512	20.00	ng	-0.01
86) Perylene-d12	15.36	264	333601	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	739349	59.72	ng	0.00
7) Phenol-d6	6.43	99	1295144	81.30	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1021518	73.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	58619	23.36	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1595764	83.34	ng	0.00
78) Terphenyl-d14	12.89	244	992761	63.13	ng	0.00
Target Compounds						
10) Phenol	6.44	94	81984	4.40	ng	95
49) Dimethylphthalate	9.54	163	168323	7.20	ng	# 99
73) Di-n-butylphthalate	11.86	149	279129	8.55	ng	97

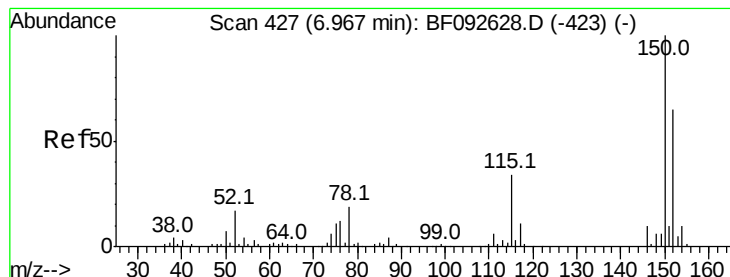
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF093383.D

Acq: 4 Mar 2017 2:29

Instrument :

BNA_F

ClientSampleId :

C-6

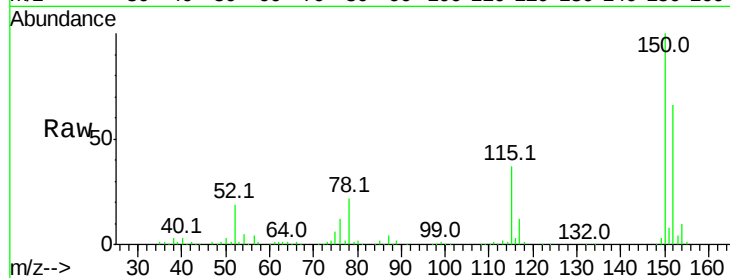
Tot Ion:152 Resp: 212412

Ion Ratio Lower Upper

152 100

150 152.2 124.9 187.3

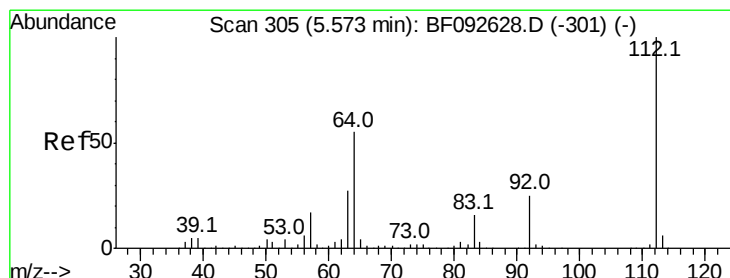
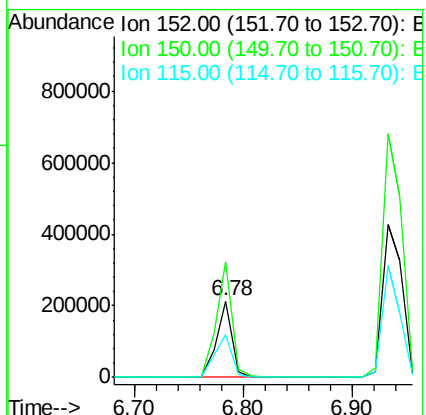
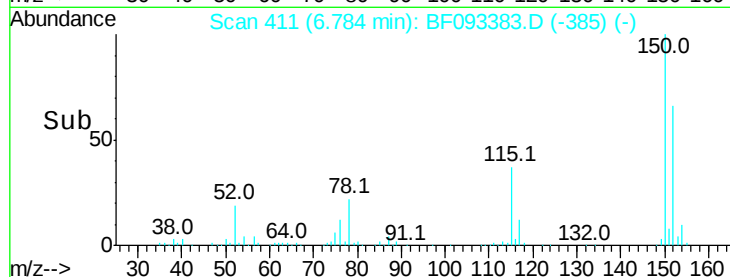
115 55.6 46.0 69.0



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: 59.72 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF093383.D

Acq: 4 Mar 2017 2:29

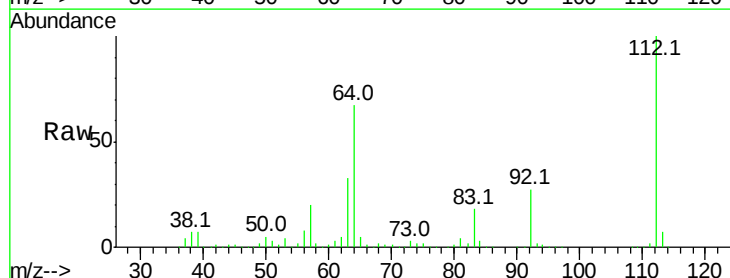
Tgt Ion:112 Resp: 739349

Ion Ratio Lower Upper

112 100

64 66.8 46.1 69.1

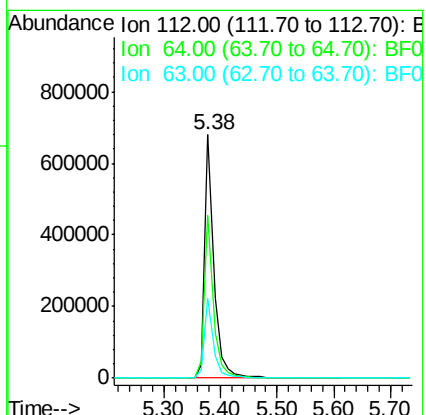
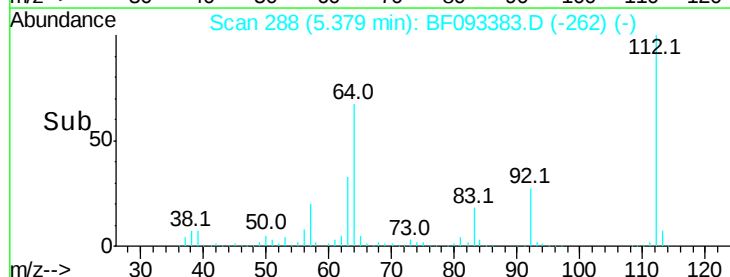
63 32.7 23.8 35.6

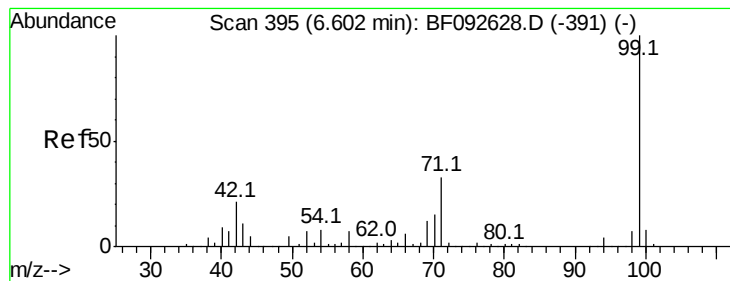


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 81.30 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF093383.D

Acq: 4 Mar 2017 2:29

Instrument :

BNA_F

ClientSampled :

C-6

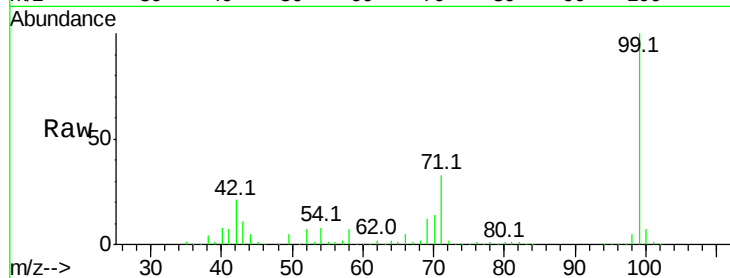
Tot Ion: 99 Resp: 1295144

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

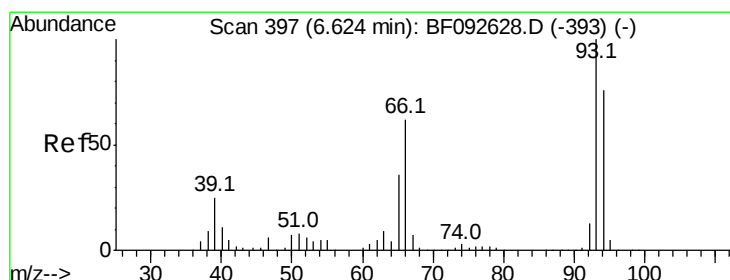
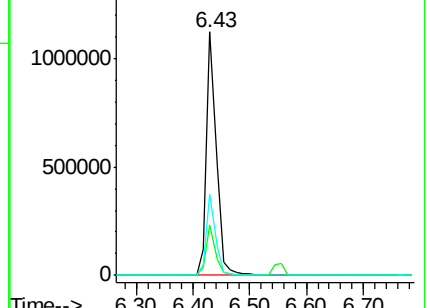
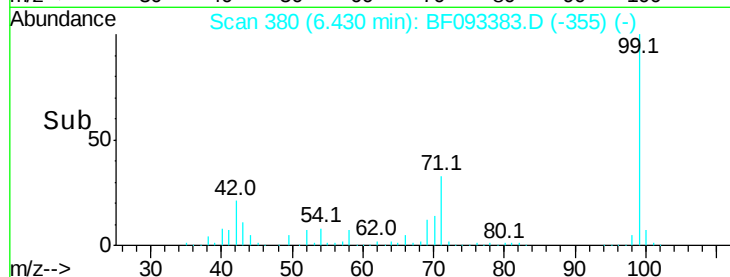
71 33.1 27.5 41.3



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: 4.40 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093383.D

Acq: 4 Mar 2017 2:29

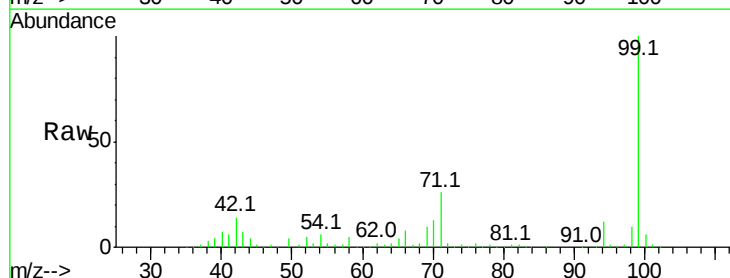
Tgt Ion: 94 Resp: 81984

Ion Ratio Lower Upper

94 100

65 36.1 21.4 61.4

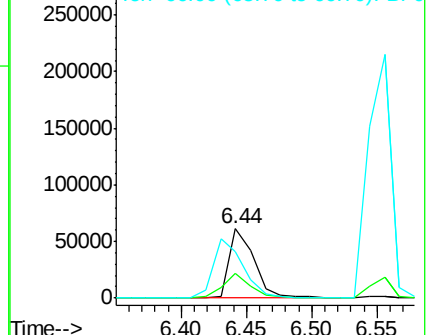
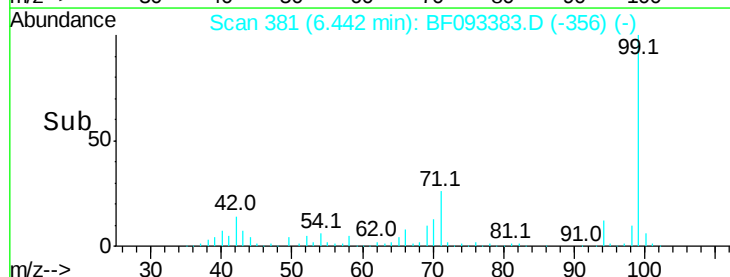
66 66.6 44.0 84.0



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

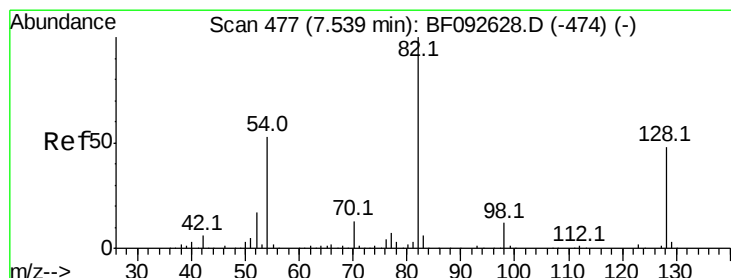
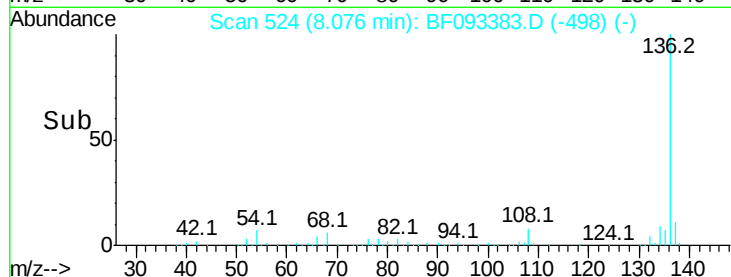
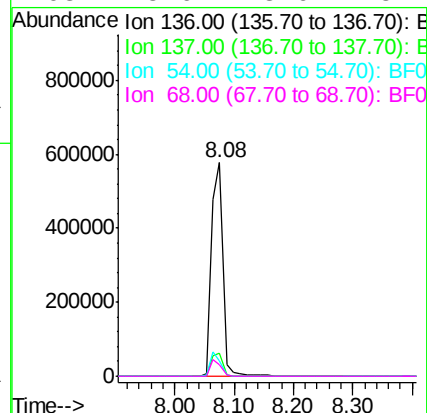
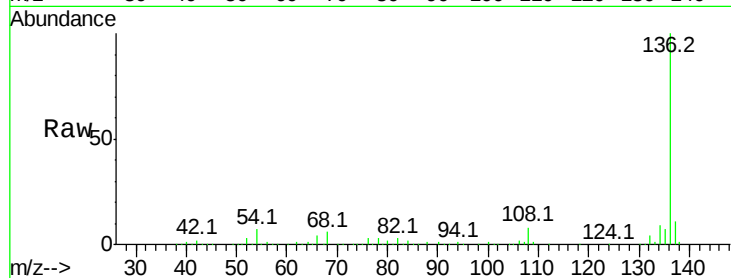




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF093383.D
Acq: 4 Mar 2017 2:29

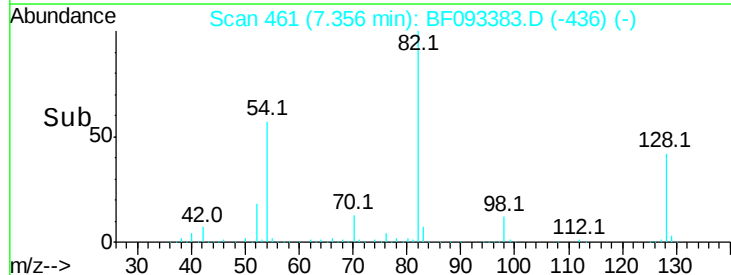
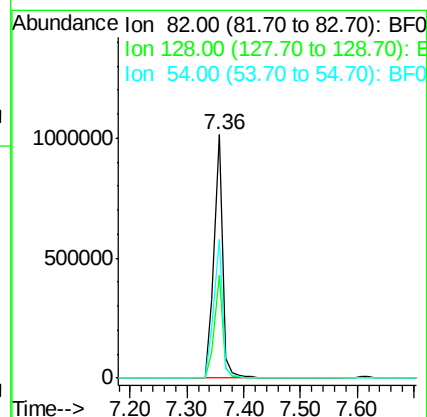
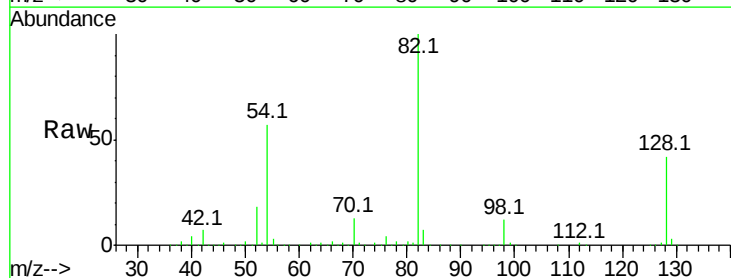
Instrument :
BNA_F
ClientSampleId :
C-6

Tot Ion:	136	Resp:	779291
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	6.9	4.5	6.7#
68	5.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 73.00 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093383.D
Acq: 4 Mar 2017 2:29

Tgt Ion:	82	Resp:	1021518
Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	52.0
54	57.2	39.5	59.3

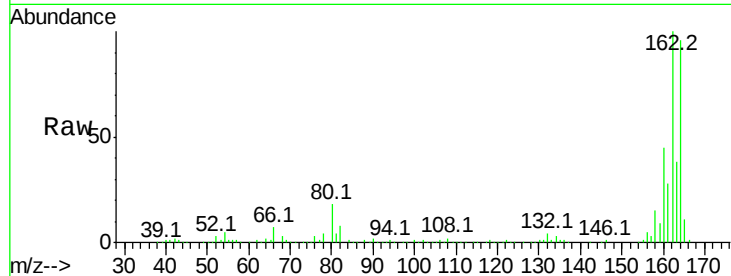




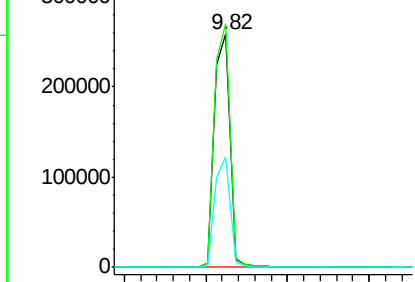
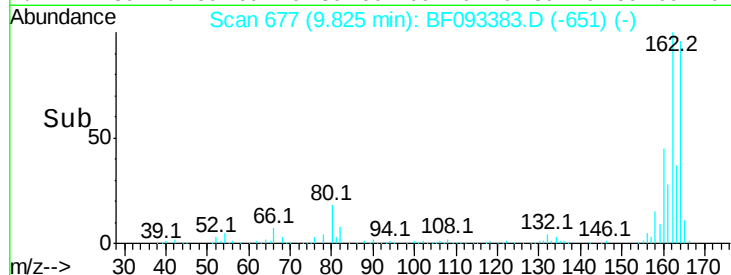
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF093383.D
 Acq: 4 Mar 2017 2:29

Instrument :
 BNA_F
 ClientSampleId :
 C-6

Tot Ion:164 Resp: 346896
 Ion Ratio Lower Upper
 164 100
 162 104.4 80.2 120.2
 160 47.3 36.9 55.3

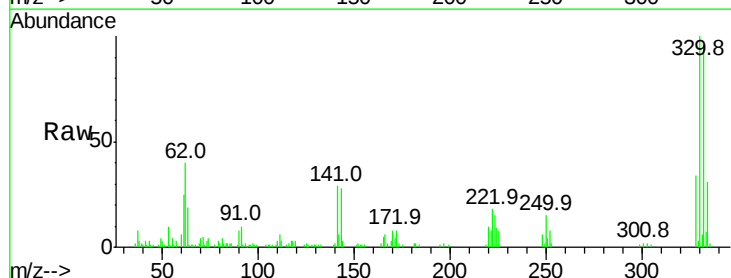


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

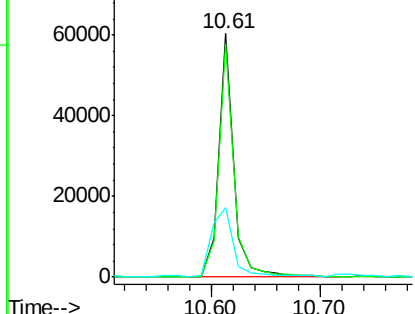
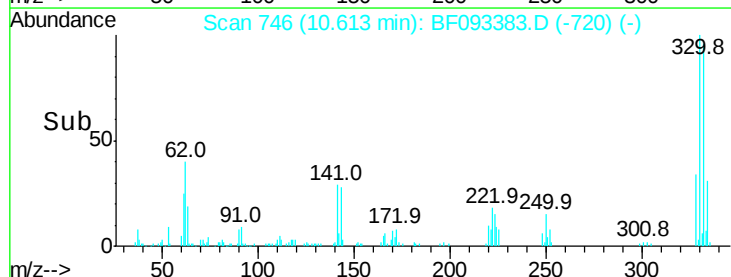


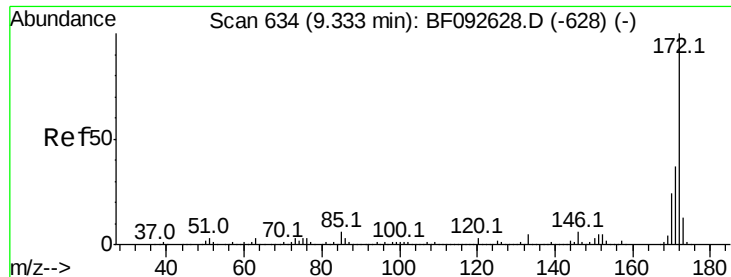
#41
 2,4,6-Tribromophenol
 Concen: 23.36 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF093383.D
 Acq: 4 Mar 2017 2:29

Tgt Ion:330 Resp: 58619
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 44.3 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



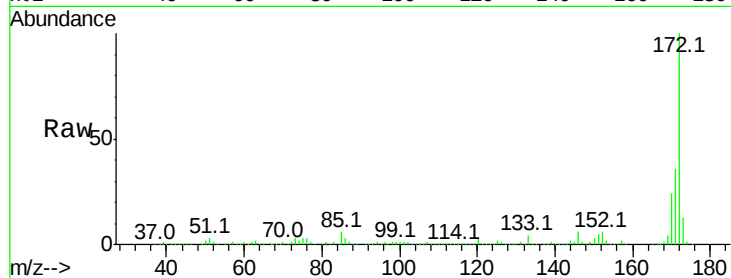


#44
 2-Fluorobiphenyl
 Concen: 83.34 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF093383.D
 Acq: 4 Mar 2017 2:29

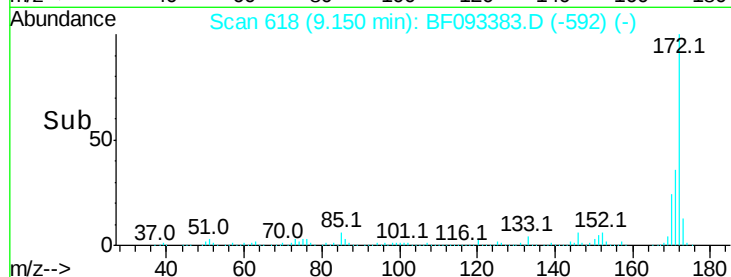
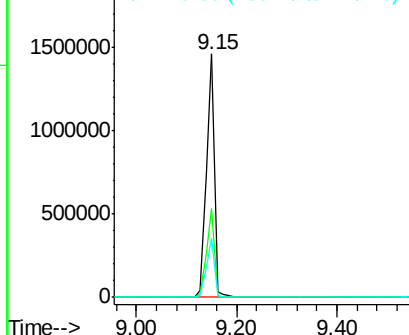
Instrument :
 BNA_F
 ClientSampleId :
 C-6

Tot Ion:172 Resp: 1595764

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.4	20.2	30.4



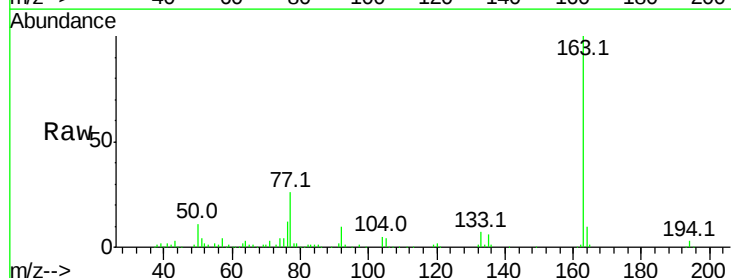
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



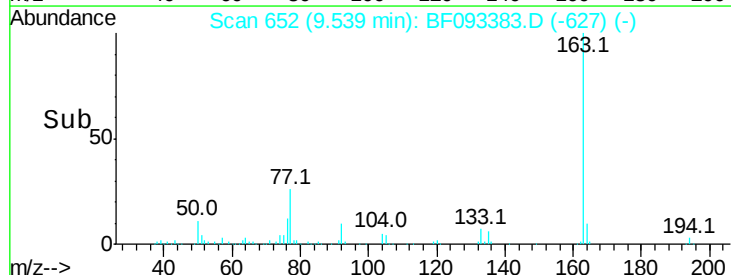
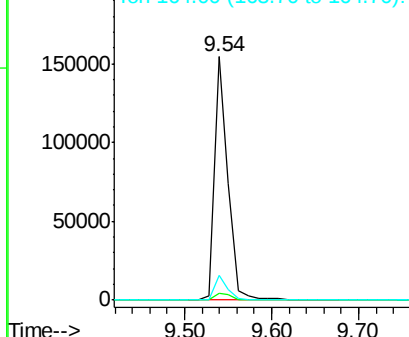
#49
 Dimethylphthalate
 Concen: 7.20 ng
 RT: 9.54 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF093383.D
 Acq: 4 Mar 2017 2:29

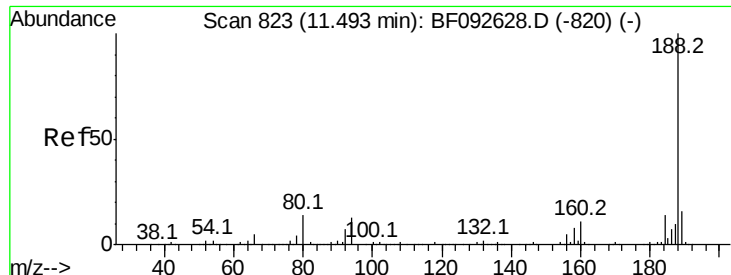
Tgt Ion:163 Resp: 168323

Ion	Ratio	Lower	Upper
163	100		
194	2.9	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

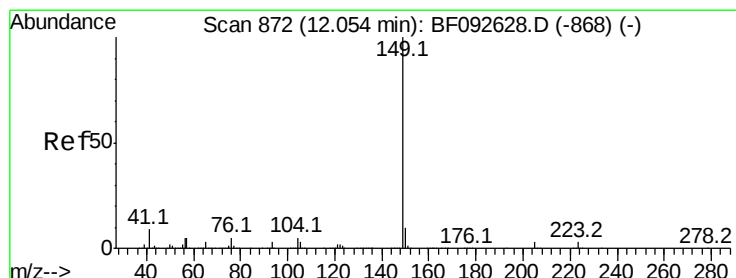
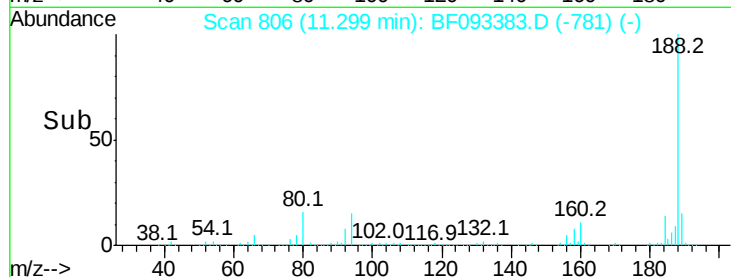
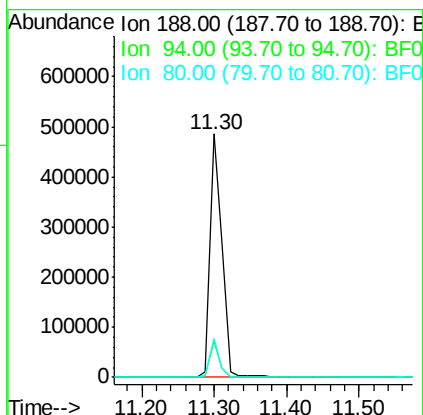
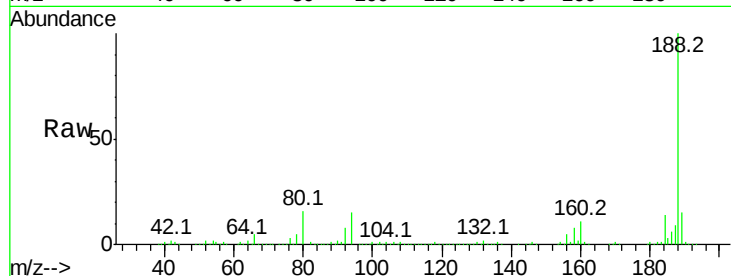




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF093383.D
 Acq: 4 Mar 2017 2:29

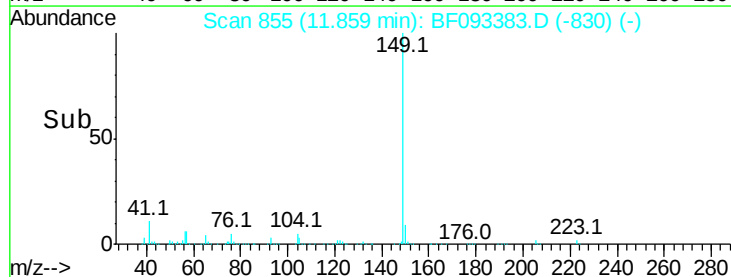
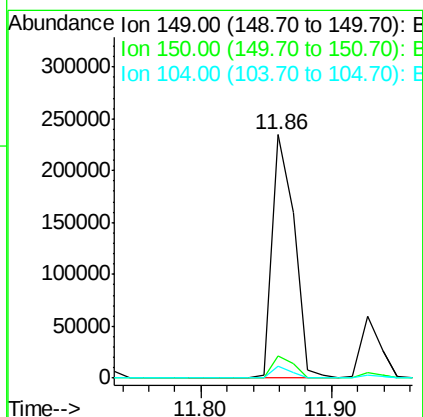
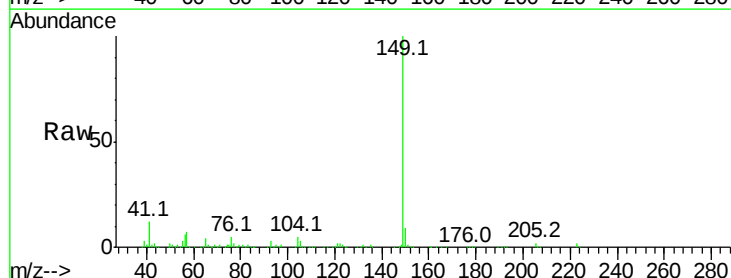
Instrument :
 BNA_F
 ClientSampleId :
 C-6

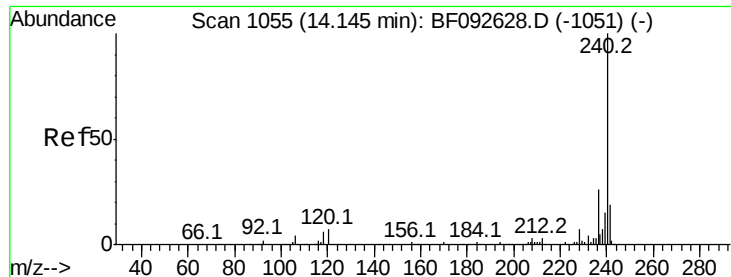
Tot Ion:188 Resp: 548721
 Ion Ratio Lower Upper
 188 100
 94 14.8 10.0 15.0
 80 15.9 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 8.55 ng
 RT: 11.86 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF093383.D
 Acq: 4 Mar 2017 2:29

Tgt Ion:149 Resp: 279129
 Ion Ratio Lower Upper
 149 100
 150 9.1 8.1 12.1
 104 4.9 4.6 7.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF093383.D

Acq: 4 Mar 2017 2:29

Instrument :

BNA_F

ClientSampleId :

C-6

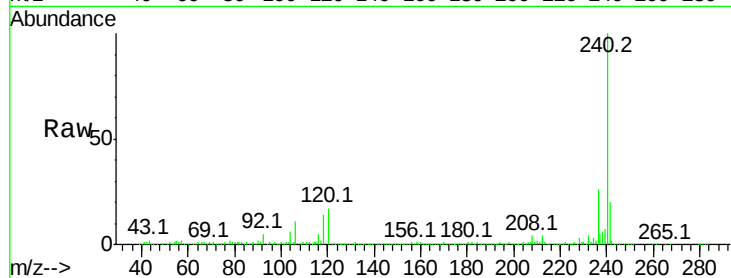
Tot Ion:240 Resp: 369512

Ion Ratio Lower Upper

240 100

120 16.8 12.9 19.3

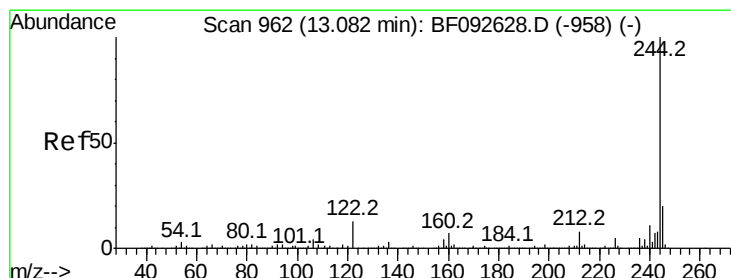
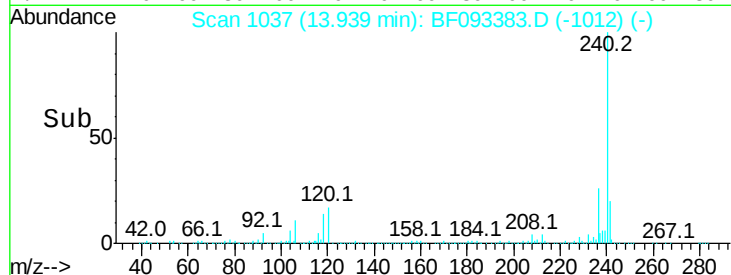
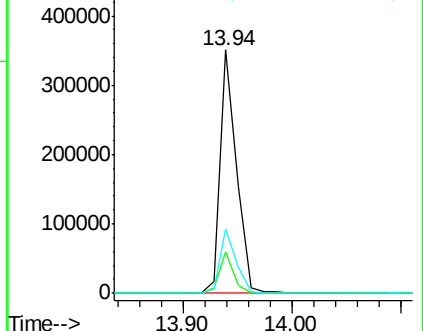
236 26.4 20.9 31.3



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



#78

Terphenyl-d14

Concen: 63.13 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF093383.D

Acq: 4 Mar 2017 2:29

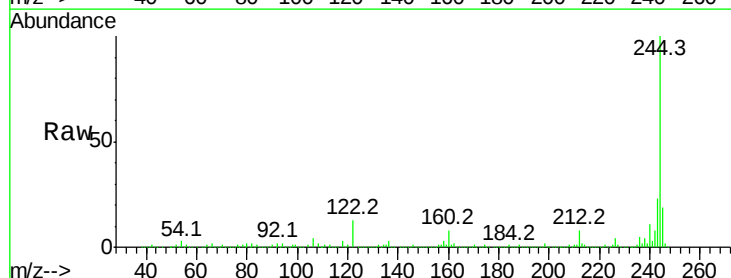
Tgt Ion:244 Resp: 992761

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

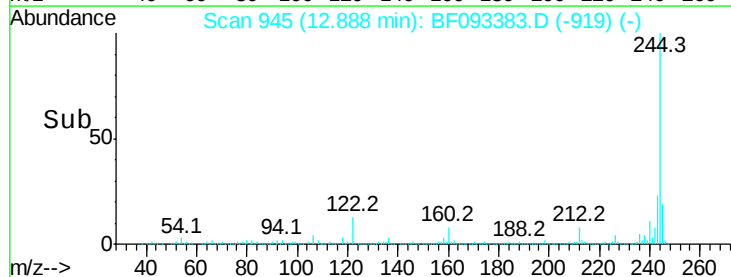
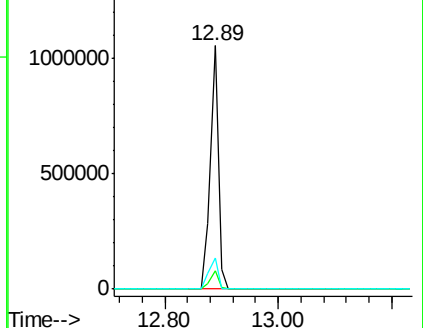
122 12.6 11.4 17.2

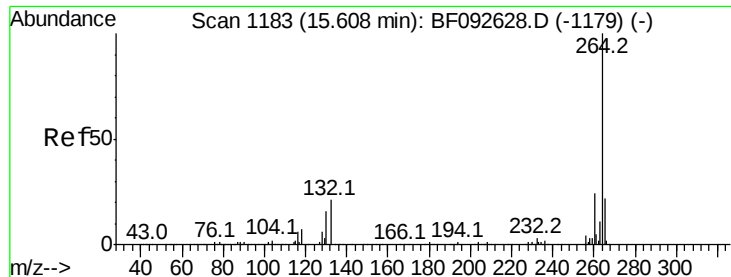


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

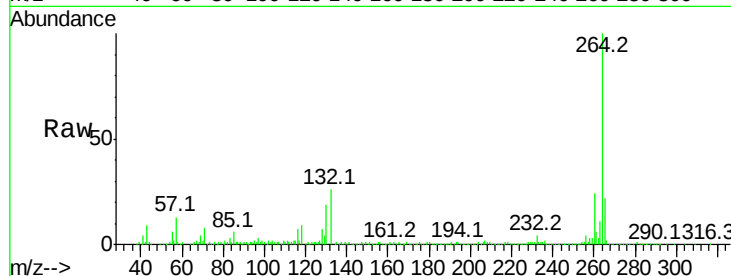




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF093383.D
Acq: 4 Mar 2017 2:29

Instrument :
BNA_F
ClientSampleId :
C-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.0	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

