

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093381.D
 Acq On : 4 Mar 2017 1:35
 Operator : SJ/MA
 Sample : I2078-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-4

Quant Time: Mar 04 02:59:00 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

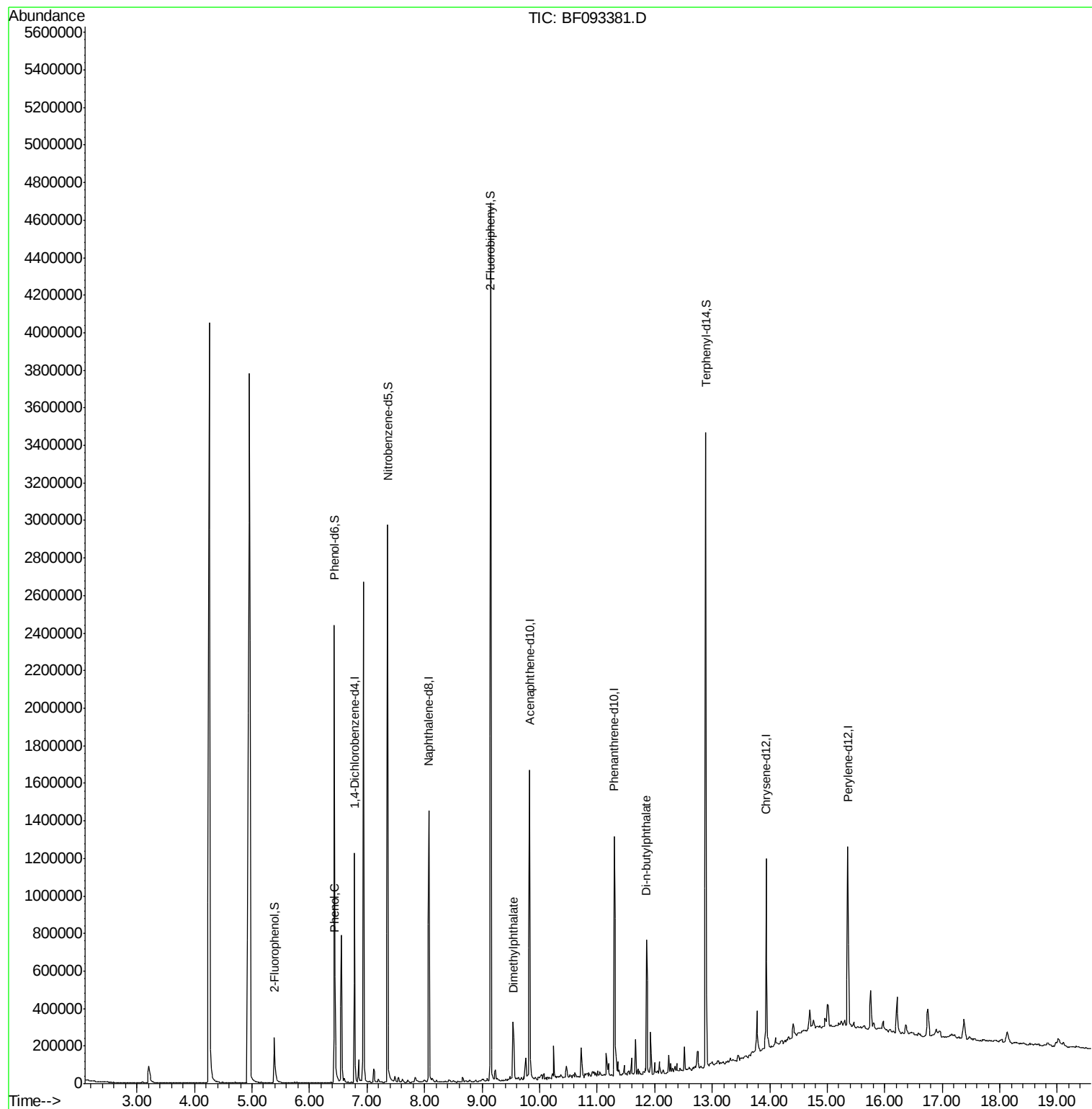
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	214850	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	817074	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	361613	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	599009	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	388679	20.00	ng	-0.01
86) Perylene-d12	15.36	264	347563	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	117216	9.36	ng	0.01
7) Phenol-d6	6.43	99	844416	52.41	ng	-0.01
23) Nitrobenzene-d5	7.36	82	987990	67.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	2515	0.96	ng	0.01
44) 2-Fluorobiphenyl	9.15	172	1575754	78.94	ng	0.00
78) Terphenyl-d14	12.89	244	1047567	63.33	ng	0.00
Target Compounds						
10) Phenol	6.44	94	51619	2.74	ng	85
49) Dimethylphthalate	9.55	163	166458	6.83	ng	98
73) Di-n-butylphthalate	11.86	149	494086	13.87	ng	98

(#) = 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: BF093381.D

Acq: 4 Mar 2017 1:35

Instrument :

BNA_F

ClientSampleId :

C-4

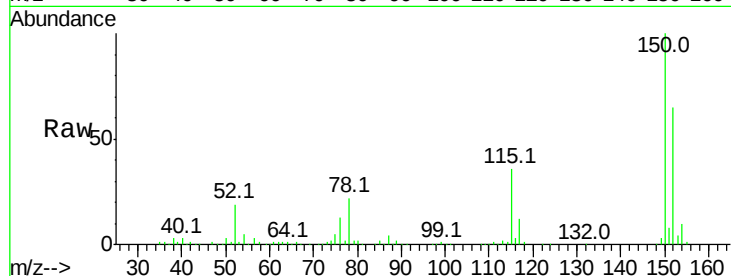
Tot Ion:152 Resp: 214850

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

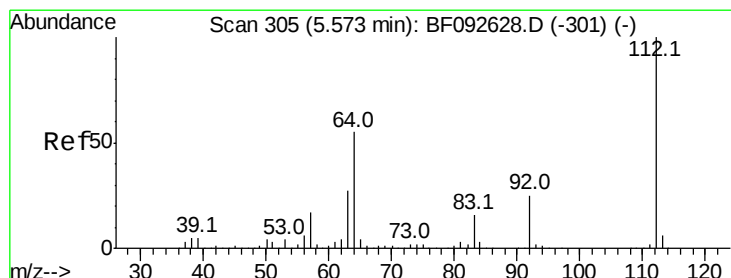
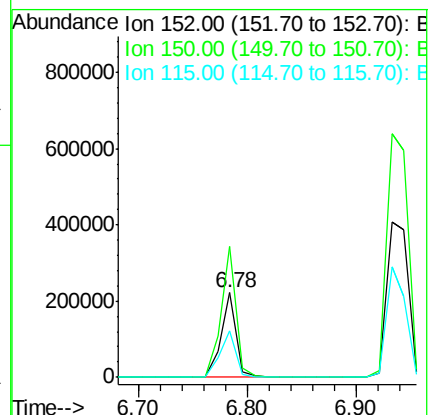
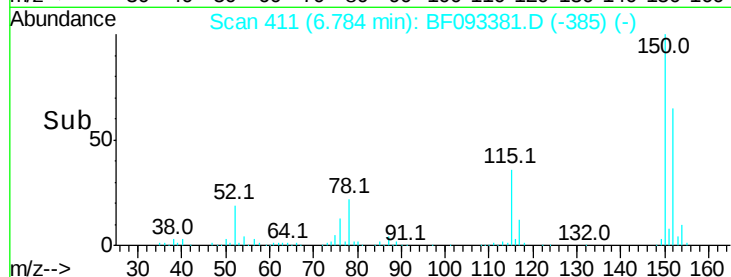
115 55.4 46.0 69.0



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: 9.36 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF093381.D

Acq: 4 Mar 2017 1:35

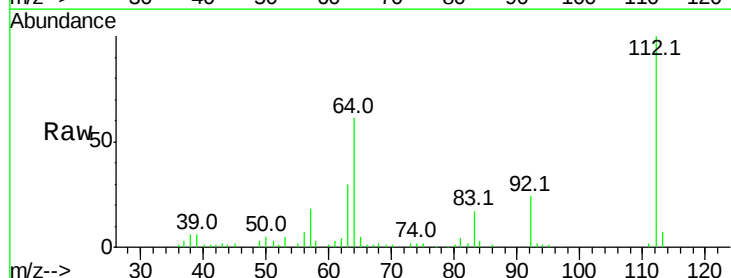
Tgt Ion:112 Resp: 117216

Ion Ratio Lower Upper

112 100

64 61.3 46.1 69.1

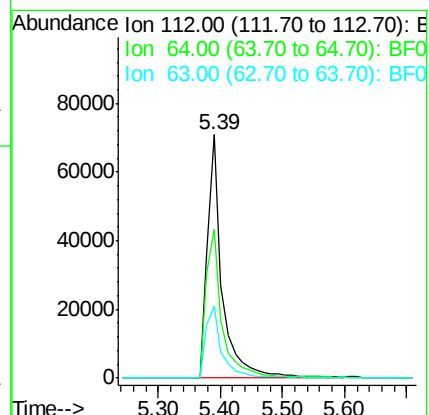
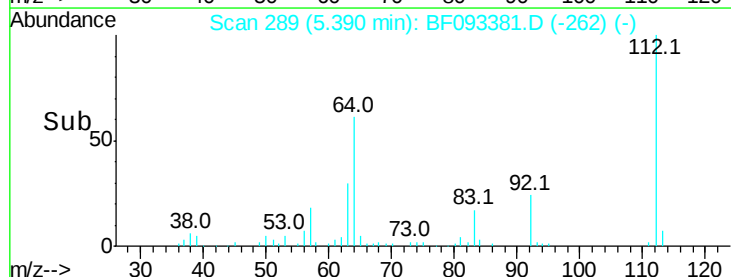
63 29.8 23.8 35.6

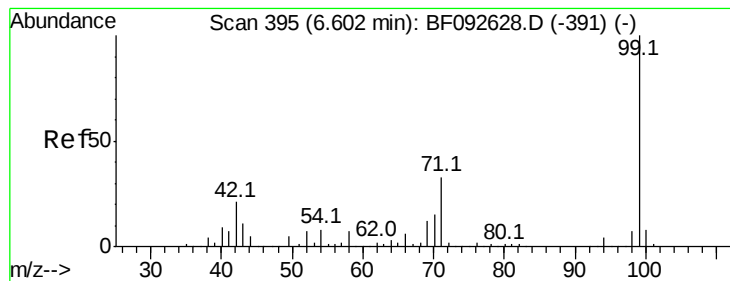


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 52.41 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF093381.D

Acq: 4 Mar 2017 1:35

Instrument :

BNA_F

ClientSampled :

C-4

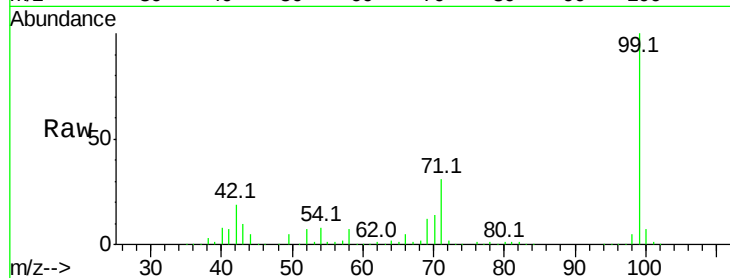
Tot Ion: 99 Resp: 844416

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

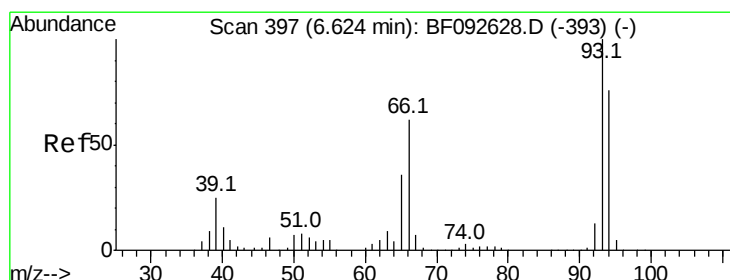
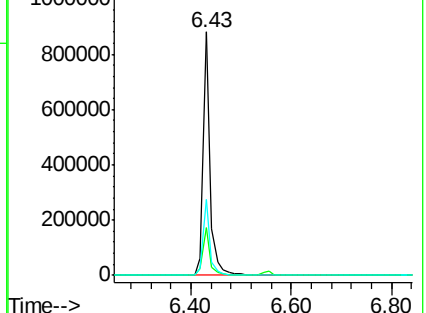
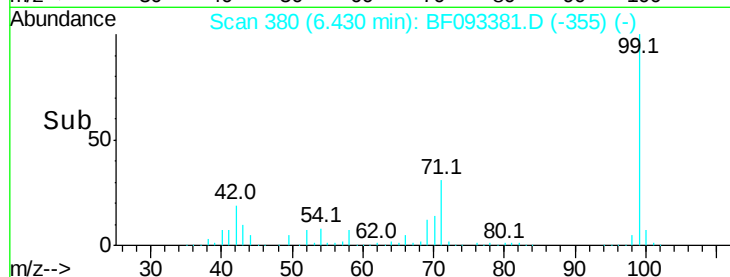
71 31.4 27.5 41.3



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: 2.74 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093381.D

Acq: 4 Mar 2017 1:35

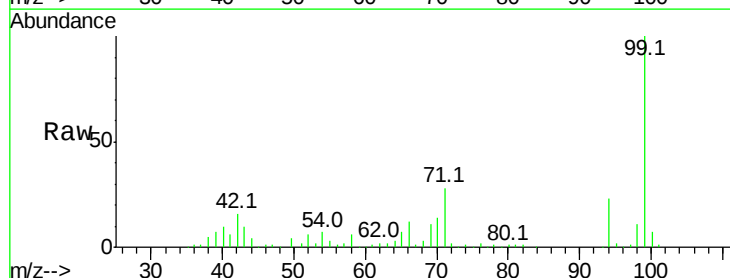
Tgt Ion: 94 Resp: 51619

Ion Ratio Lower Upper

94 100

65 31.8 21.4 61.4

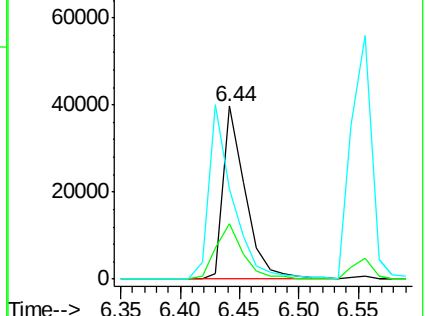
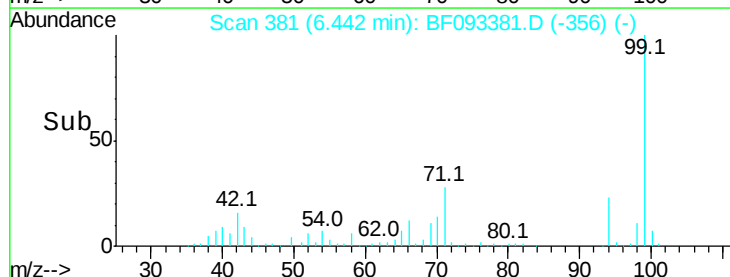
66 52.3 44.0 84.0

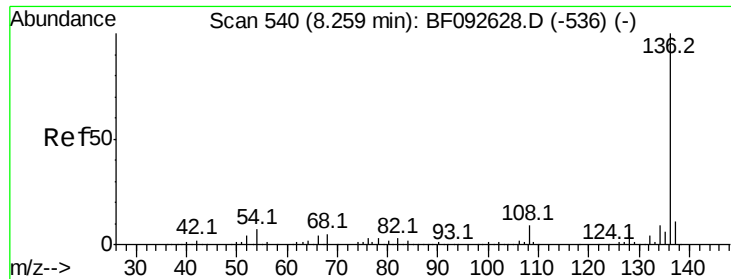


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

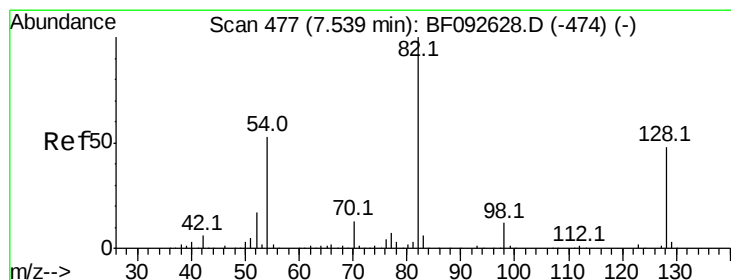
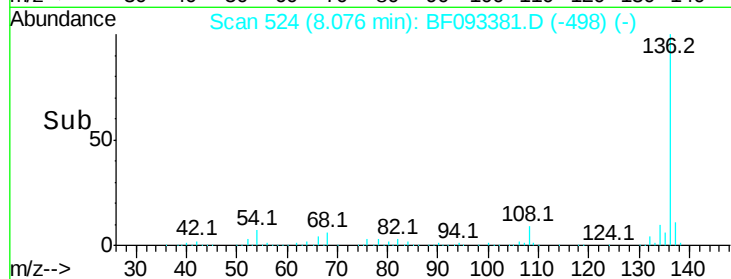
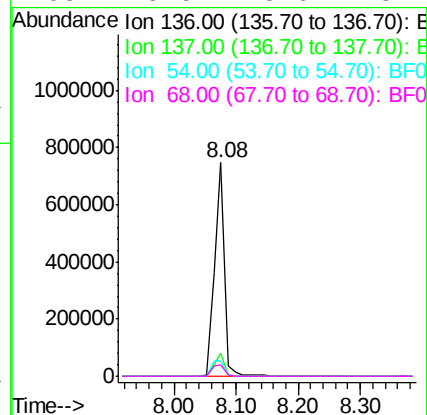
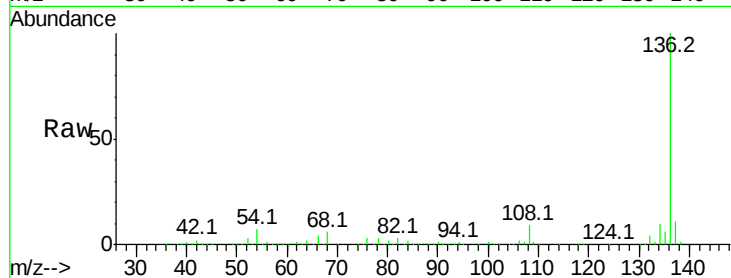




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF093381.D
Acq: 4 Mar 2017 1:35

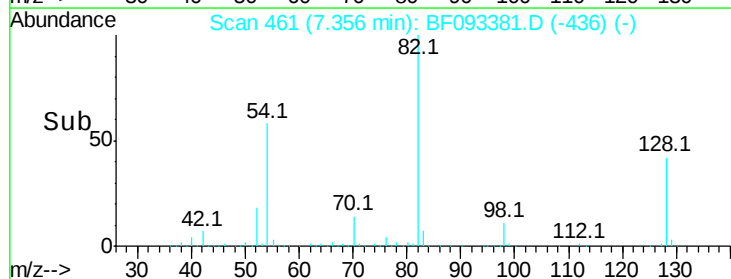
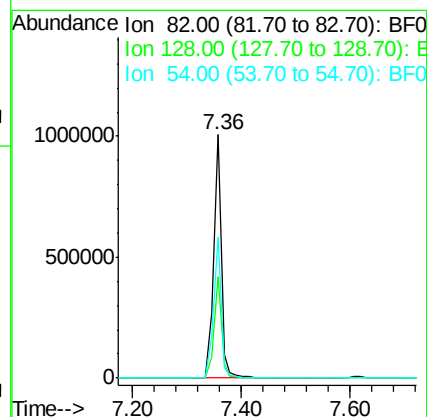
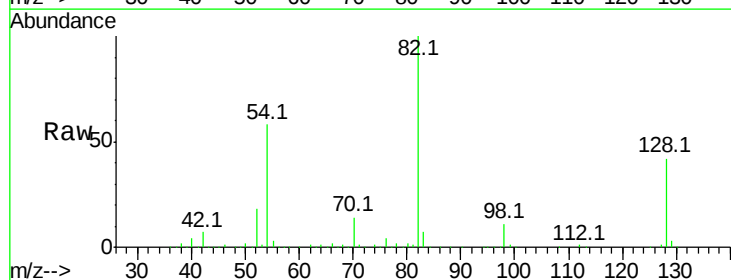
Instrument :
BNA_F
ClientSampleId :
C-4

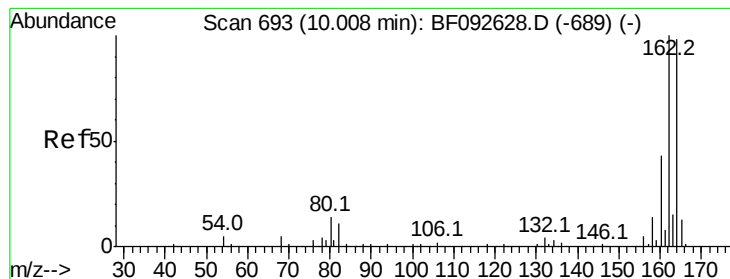
Tot Ion:	136	Resp:	817074
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.5	4.5	6.7#
68	5.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 67.34 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093381.D
Acq: 4 Mar 2017 1:35

Tgt Ion:	82	Resp:	987990
Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	52.0
54	57.8	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: BF093381.D

Acq: 4 Mar 2017 1:35

Instrument :

BNA_F

ClientSampled :

C-4

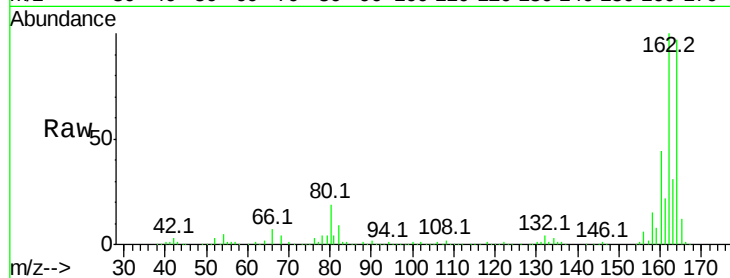
Tot Ion:164 Resp: 361613

Ion Ratio Lower Upper

164 100

162 103.6 80.2 120.2

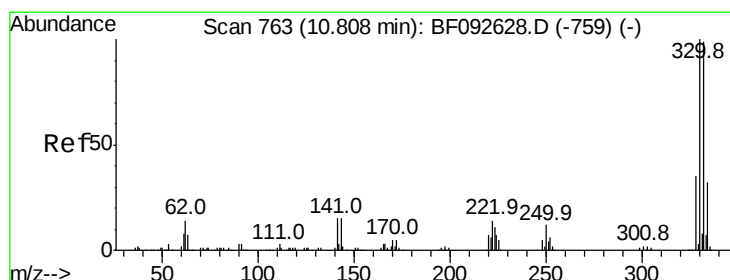
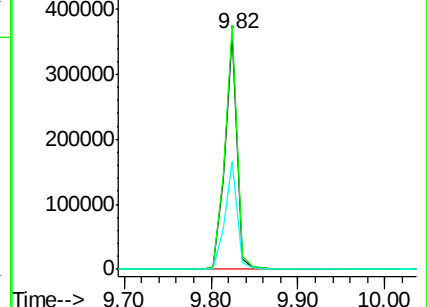
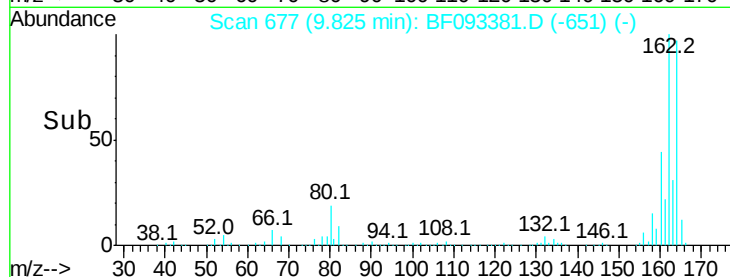
160 45.8 36.9 55.3



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: 0.96 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF093381.D

Acq: 4 Mar 2017 1:35

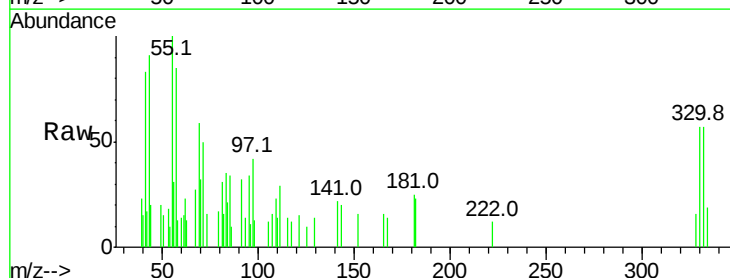
Tgt Ion:330 Resp: 2515

Ion Ratio Lower Upper

330 100

332 105.8 77.4 116.2

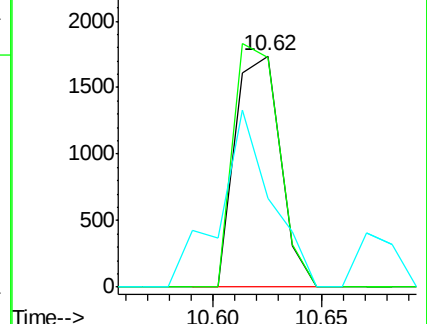
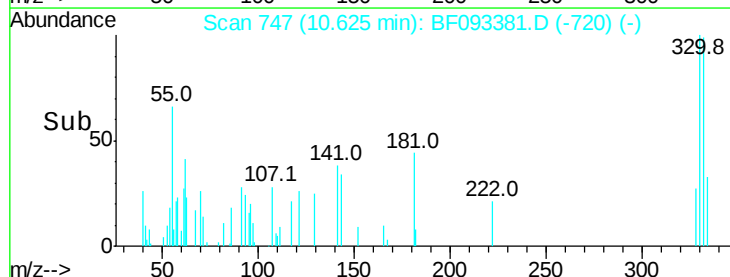
141 88.0 34.1 51.1#

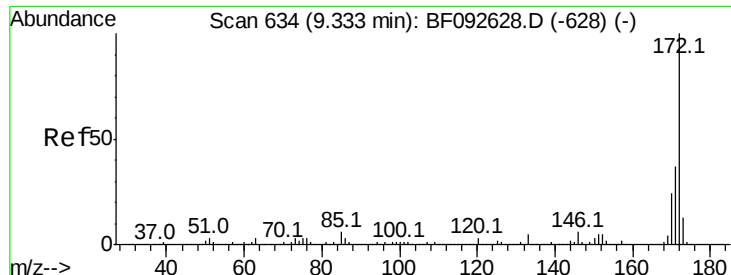


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



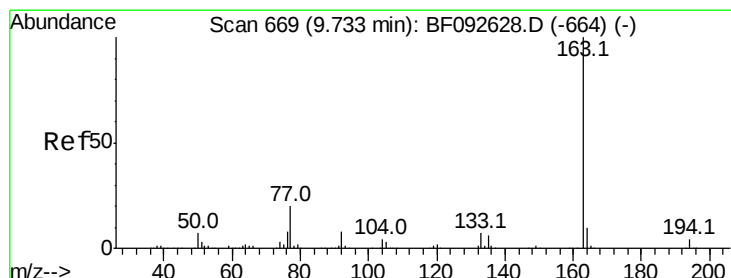
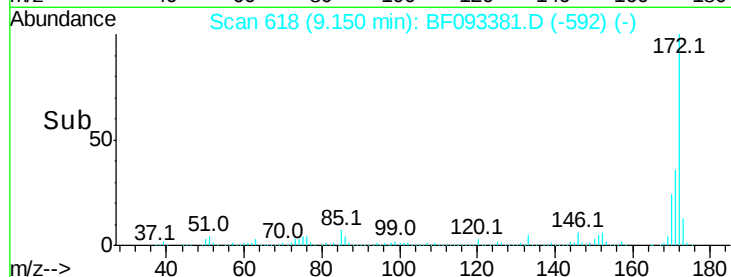
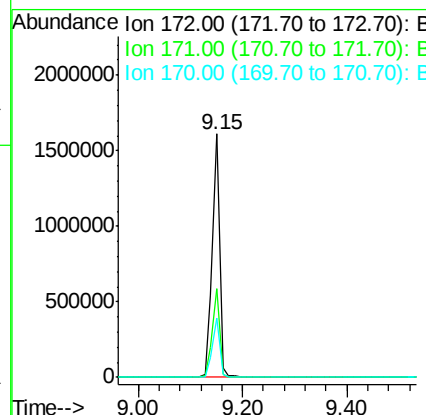
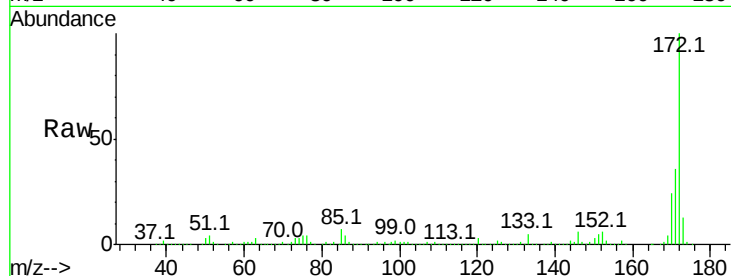


#44
 2-Fluorobiphenyl
 Concen: 78.94 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF093381.D
 Acq: 4 Mar 2017 1:35

Instrument :
 BNA_F
 ClientSampleId :
 C-4

Tot Ion:172 Resp: 1575754

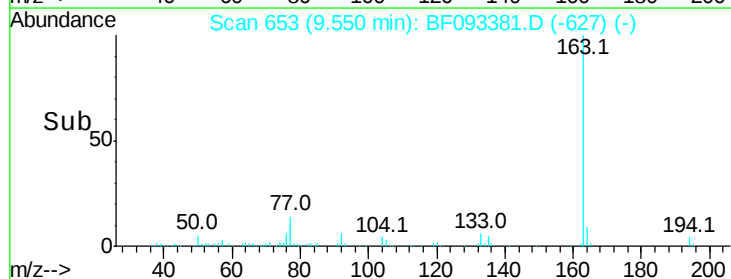
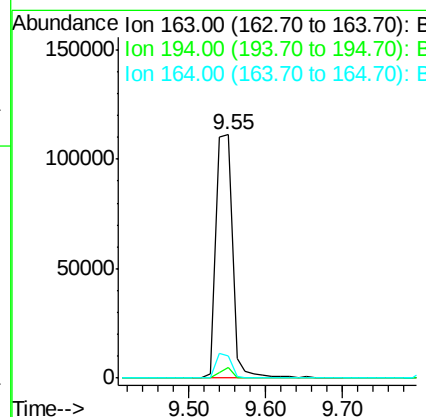
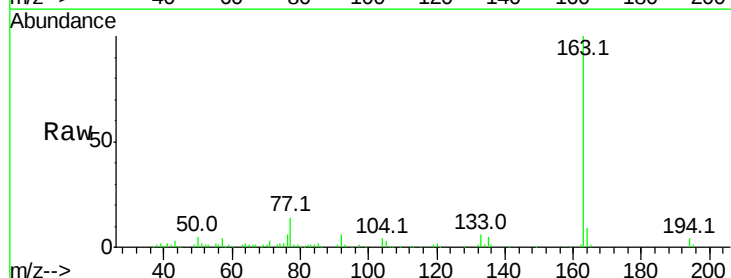
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.4	20.2	30.4

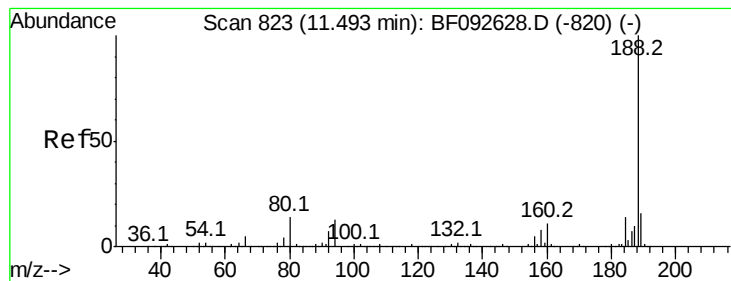


#49
 Dimethylphthalate
 Concen: 6.83 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF093381.D
 Acq: 4 Mar 2017 1:35

Tgt Ion:163 Resp: 166458

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.4
164	9.3	8.0	12.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF093381.D

Acq: 4 Mar 2017 1:35

Instrument :

BNA_F

ClientSampleId :

C-4

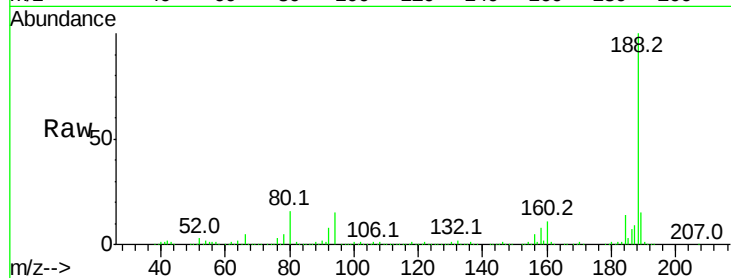
Tot Ion:188 Resp: 599009

Ion Ratio Lower Upper

188 100

94 15.5 10.0 15.0#

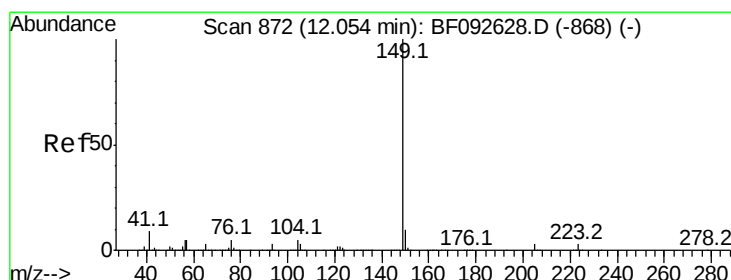
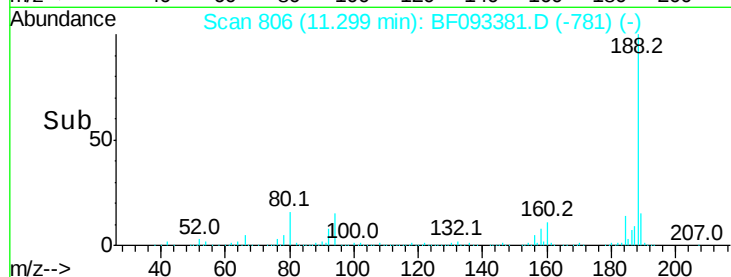
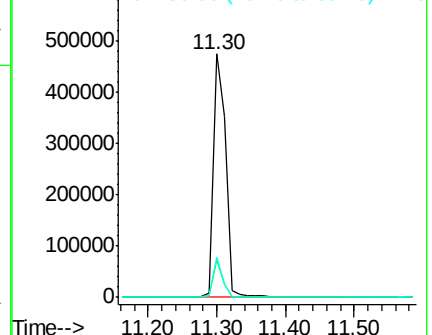
80 16.5 11.2 16.8



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



#73

Di-n-butylphthalate

Concen: 13.87 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF093381.D

Acq: 4 Mar 2017 1:35

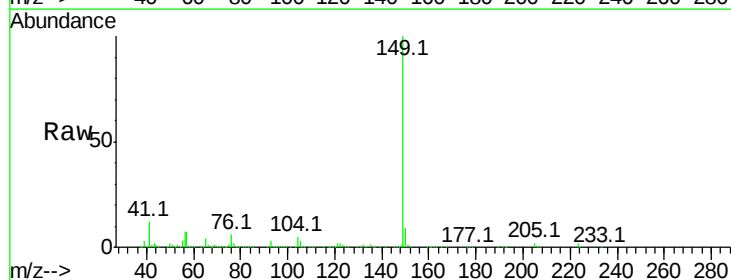
Tgt Ion:149 Resp: 494086

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

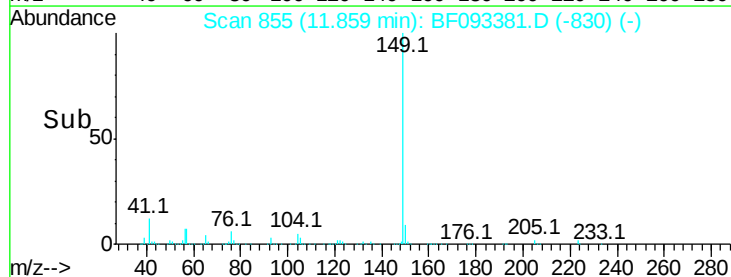
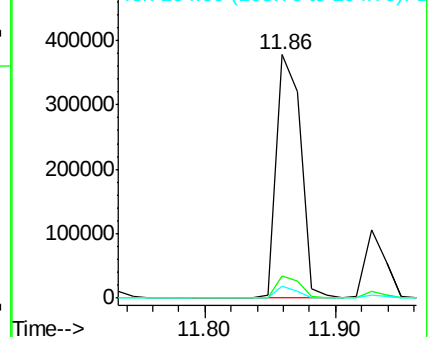
104 5.2 4.6 7.0

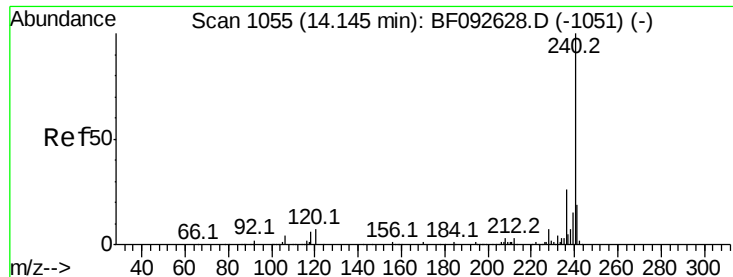


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF093381.D

Acq: 4 Mar 2017 1:35

Instrument :

BNA_F

ClientSampleId :

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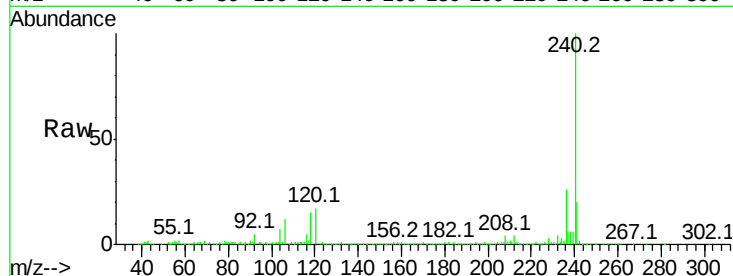
Tot Ion:240 Resp: 388679

Ion Ratio Lower Upper

240 100

120 17.4 12.9 19.3

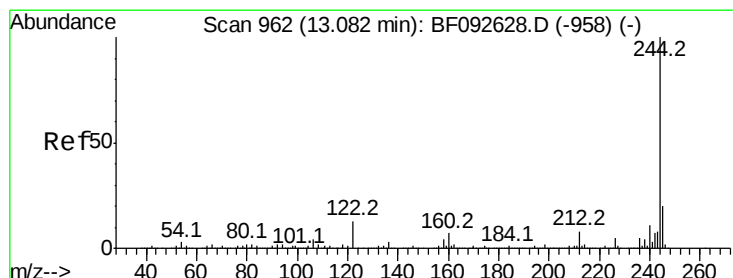
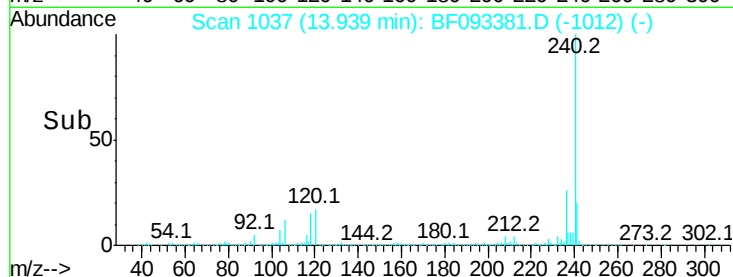
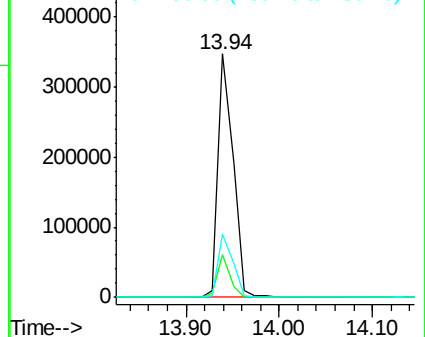
236 26.1 20.9 31.3



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: 63.33 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF093381.D

Acq: 4 Mar 2017 1:35

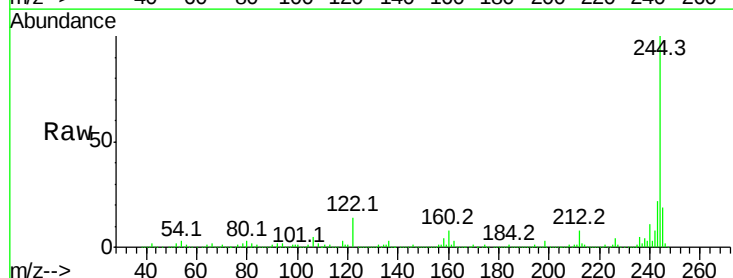
Tgt Ion:244 Resp: 1047567

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

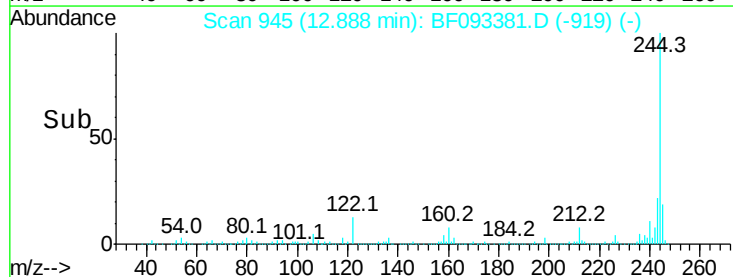
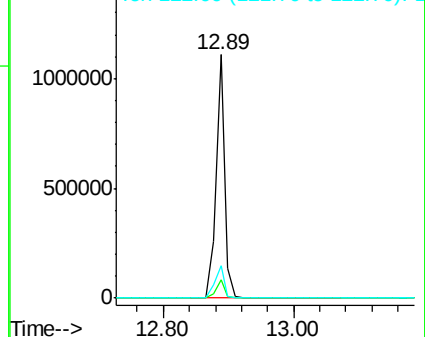
122 13.5 11.4 17.2

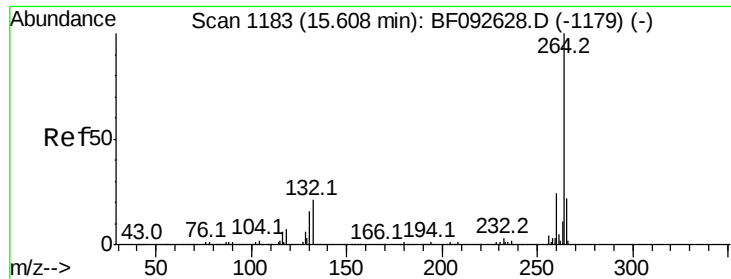


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

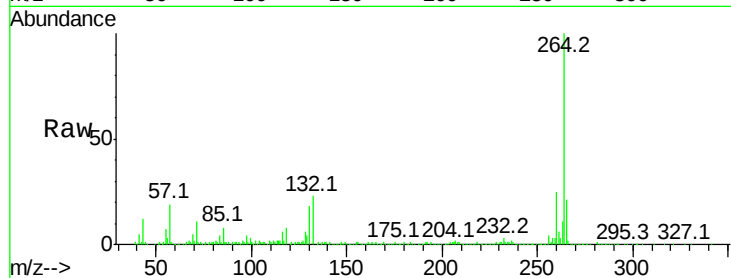




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF093381.D
Acq: 4 Mar 2017 1:35

Instrument :
BNA_F
ClientSampleId :
C-4

Tot Ion:	264	Resp:	347563
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.3	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

