

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099774.D
 Acq On : 23 Oct 2017 22:18
 Operator : SJ/JU
 Sample : I5950-08RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170725-PA-A-COMP1RE

Quant Time: Oct 24 00:29:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:08:33 2017
 Response via : Initial Calibration

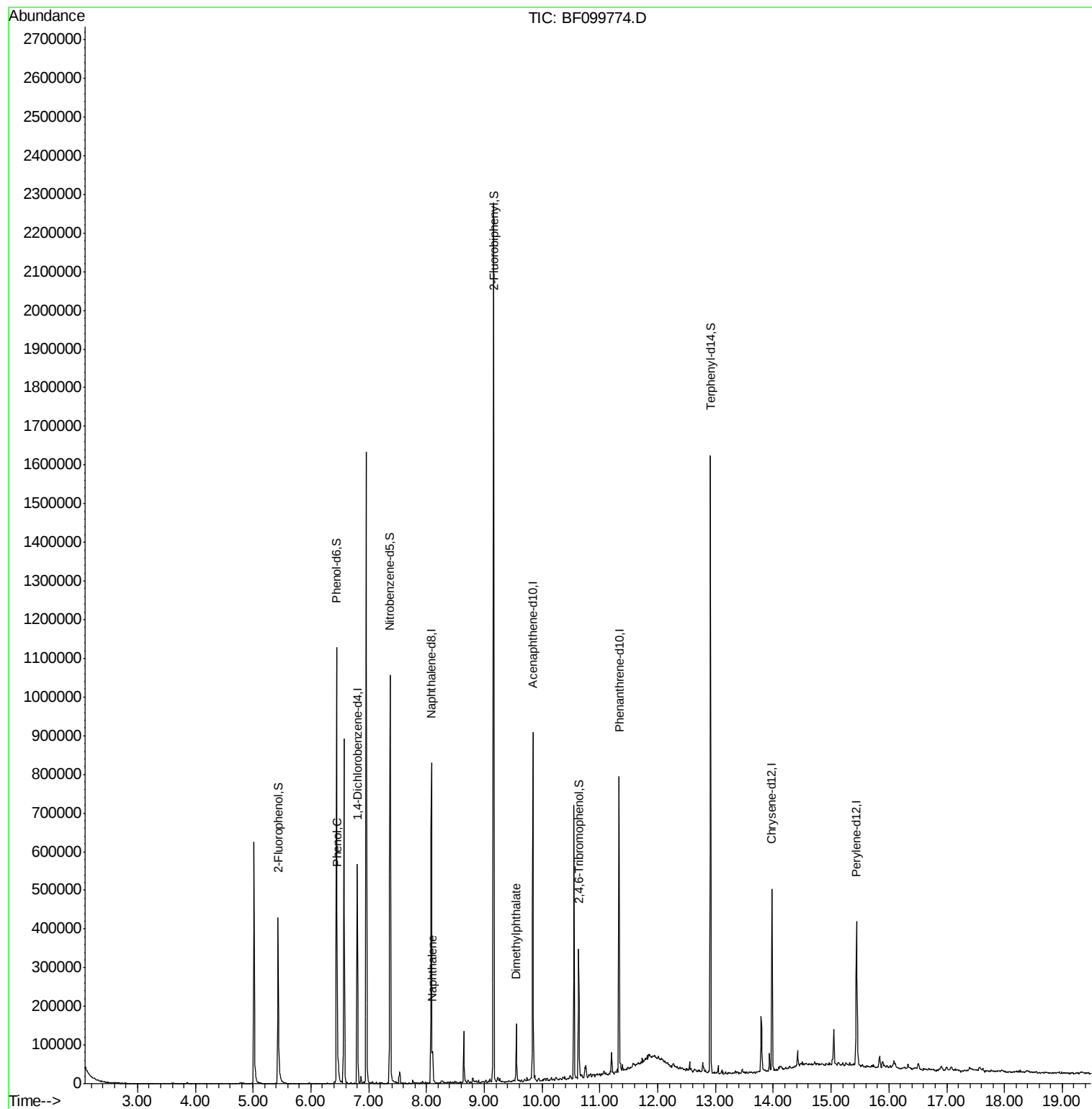
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	92928	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	384358	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	174375	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	281622	20.00	ng	0.00
75) Chrysene-d12	13.98	240	164742	20.00	ng	0.00
86) Perylene-d12	15.44	264	178291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	168994	28.55	ng	0.00
7) Phenol-d6	6.45	99	458596	65.34	ng	0.00
23) Nitrobenzene-d5	7.37	82	386766	64.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	35404	22.28	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	779091	68.93	ng	0.00
78) Terphenyl-d14	12.92	244	500139	66.35	ng	0.00
Target Compounds						
10) Phenol	6.46	94	21280	2.762	ng	90
31) Naphthalene	8.10	128	44839	2.417	ng	98
49) Dimethylphthalate	9.56	163	58066	4.205	ng	99

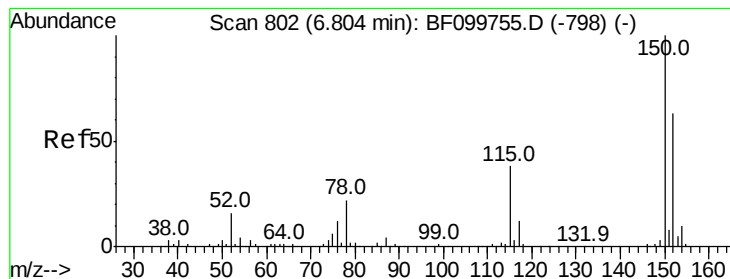
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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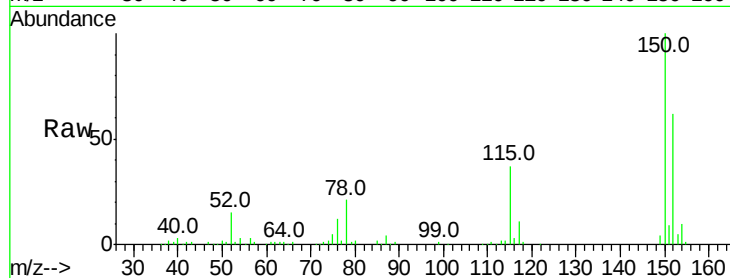


#1

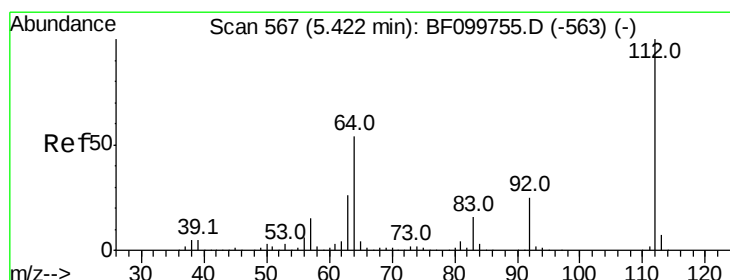
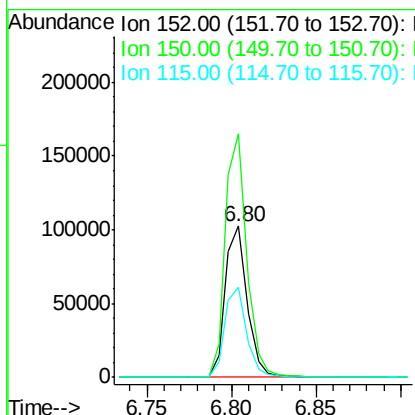
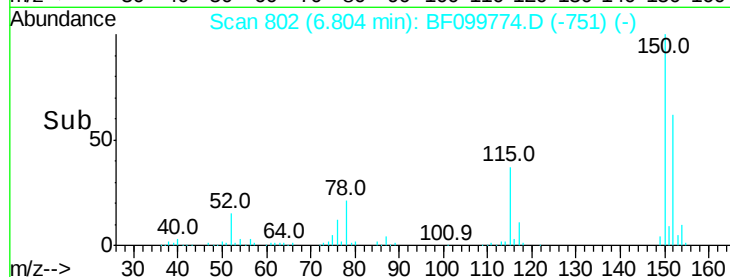
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF099774.D
 Acq: 23 Oct 2017 22:18

Instrument :
 BNA_F
 ClientSampleId :
 20170725-PA-A-COMP1RE

Tot Ion:152 Resp: 92928
 Ion Ratio Lower Upper
 152 100
 150 161.3 124.6 186.8
 115 59.4 50.1 75.1



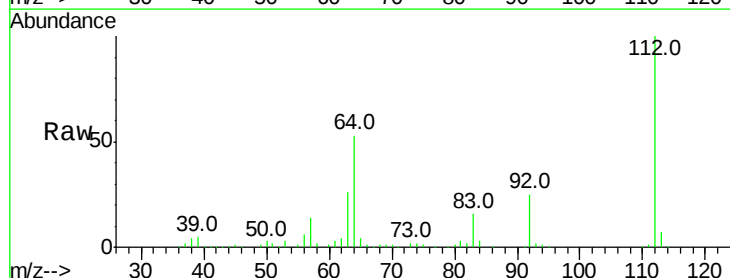
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



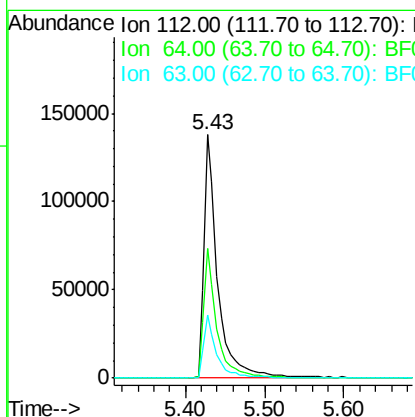
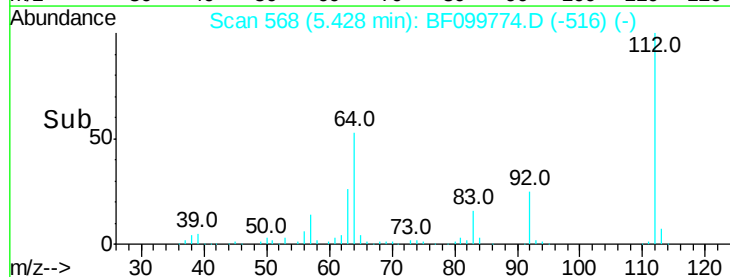
#5

2-Fluorophenol
 Concen: 28.551 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF099774.D
 Acq: 23 Oct 2017 22:18

Tgt Ion:112 Resp: 168994
 Ion Ratio Lower Upper
 112 100
 64 53.5 47.9 71.9
 63 26.0 23.7 35.5



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: 65.342 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099774.D

Acq: 23 Oct 2017 22:18

Instrument :

BNA_F

ClientSampleId :

20170725-PA-A-COMP1RE

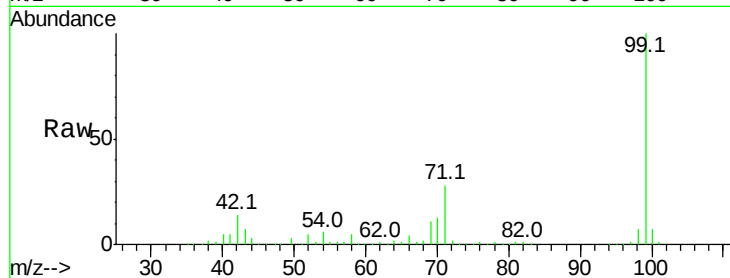
Tot Ion: 99 Resp: 458596

Ion Ratio Lower Upper

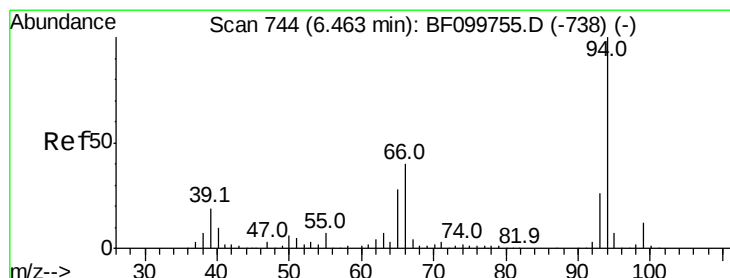
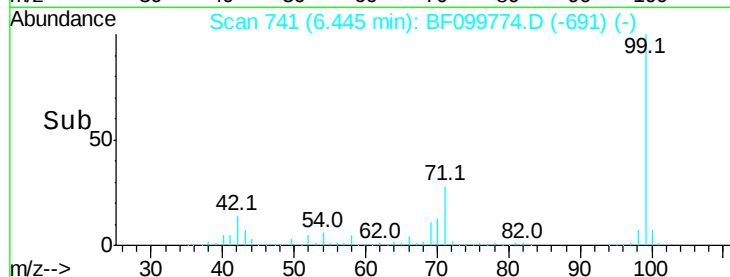
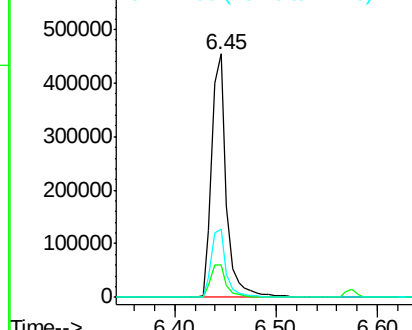
99 100

42 13.6 14.5 21.7#

71 28.2 25.4 38.0



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: 2.762 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099774.D

Acq: 23 Oct 2017 22:18

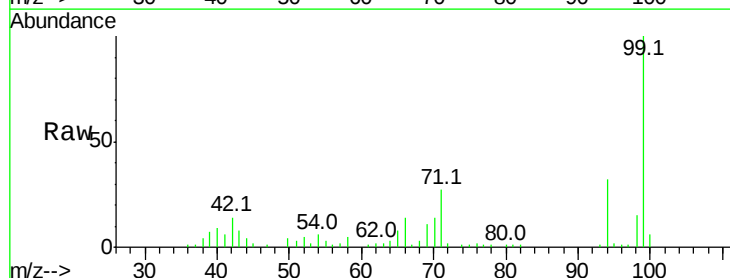
Tgt Ion: 94 Resp: 21280

Ion Ratio Lower Upper

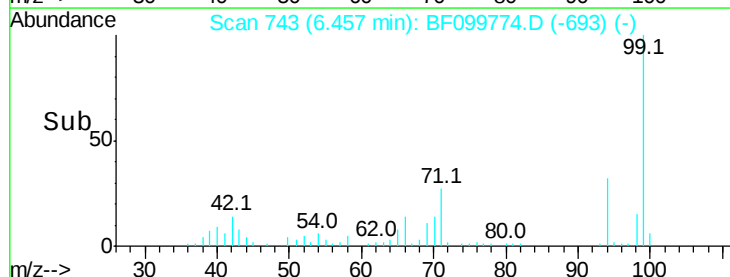
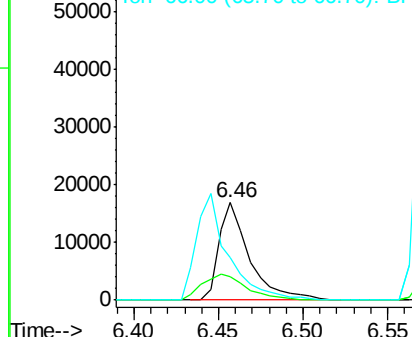
94 100

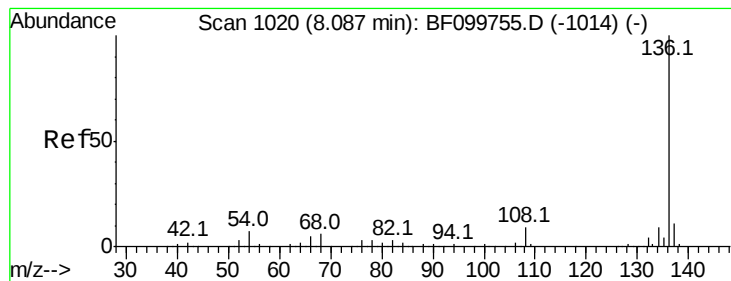
65 24.7 7.9 47.9

66 44.1 16.2 56.2



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: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF099774.D

Acq: 23 Oct 2017 22:18

Instrument :

BNA_F

ClientSampleId :

20170725-PA-A-COMP1RE

Tot Ion:136 Resp: 384358

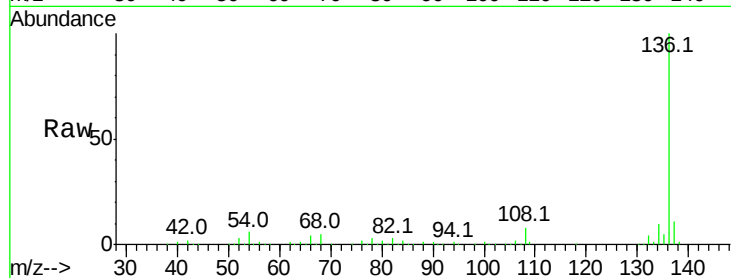
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.3 6.6 9.8#

68 5.1 5.0 7.4

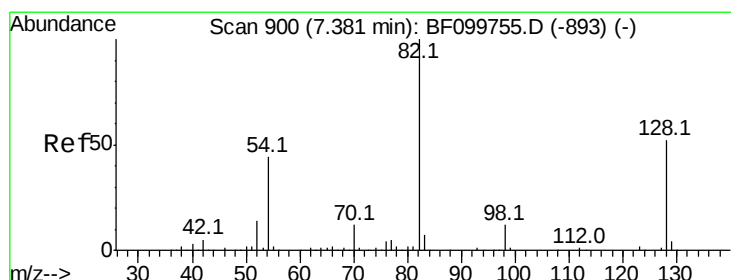
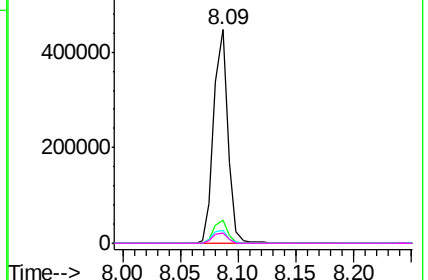
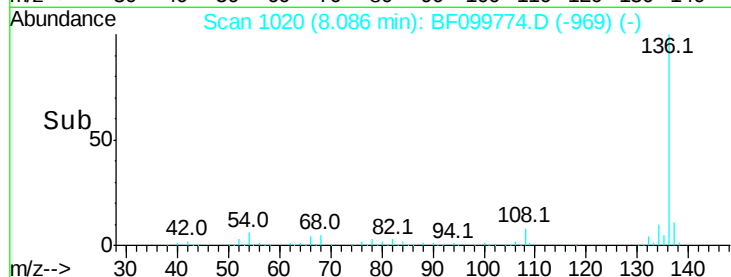


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.784 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF099774.D

Acq: 23 Oct 2017 22:18

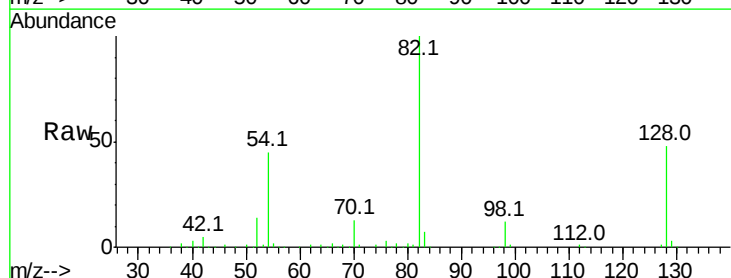
Tgt Ion: 82 Resp: 386766

Ion Ratio Lower Upper

82 100

128 48.3 36.1 54.1

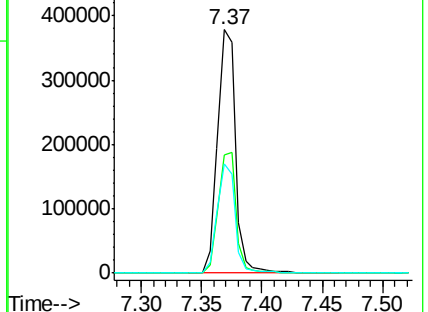
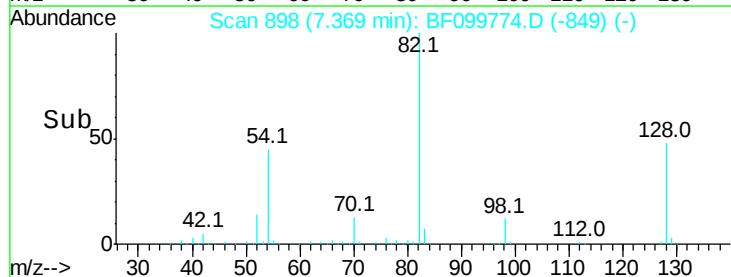
54 45.0 41.4 62.2

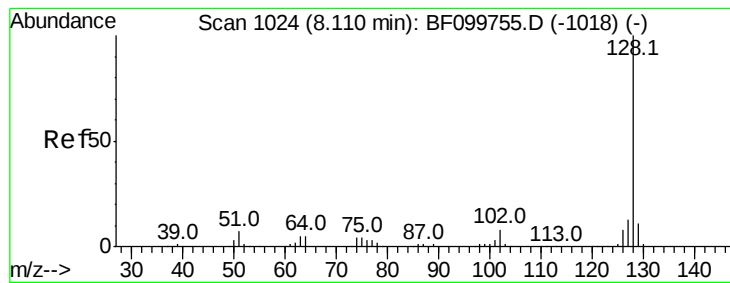


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 2.417 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF099774.D

Acq: 23 Oct 2017 22:18

Instrument :

BNA_F

ClientSampleId :

20170725-PA-A-COMP1RE

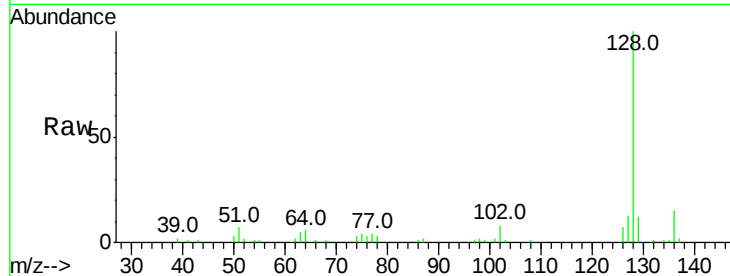
Tot Ion:128 Resp: 44839

Ion Ratio Lower Upper

128 100

129 12.0 8.8 13.2

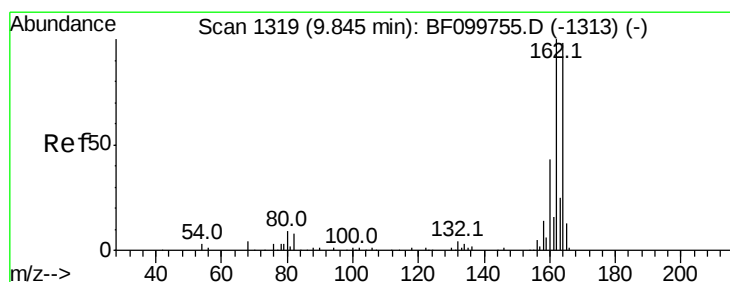
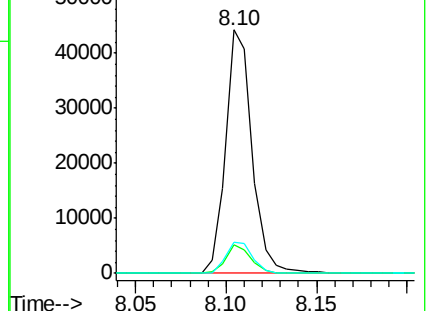
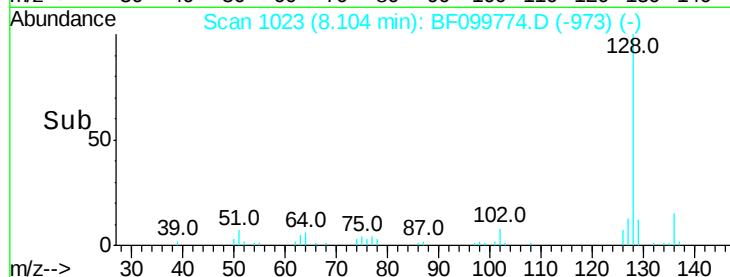
127 12.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF099774.D

Acq: 23 Oct 2017 22:18

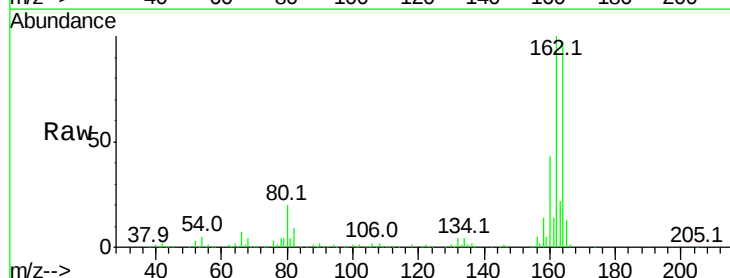
Tgt Ion:164 Resp: 174375

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

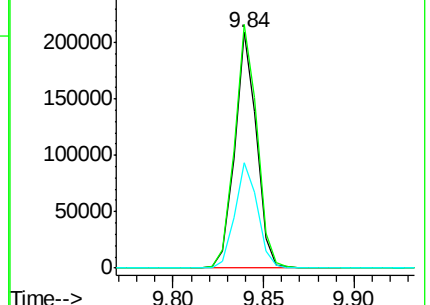
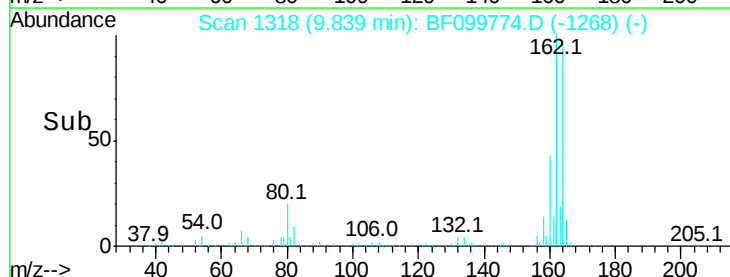
160 44.8 38.3 57.5



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: 22.279 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF099774.D

Acq: 23 Oct 2017 22:18

Instrument :

BNA_F

ClientSampleId :

20170725-PA-A-COMP1RE

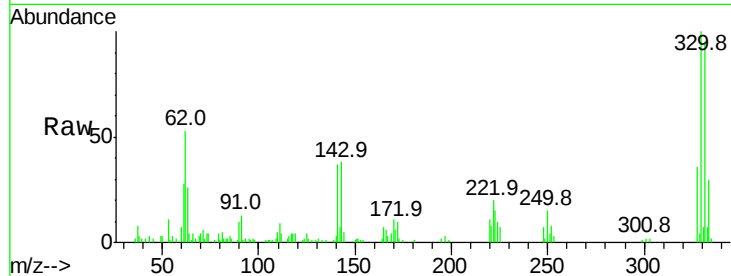
Tot Ion:330 Resp: 35404

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

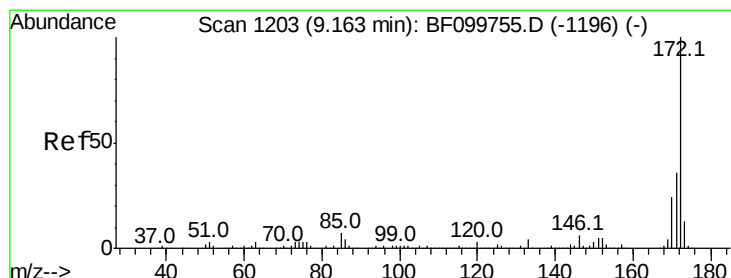
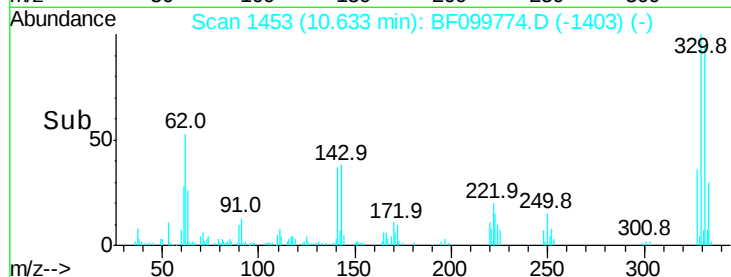
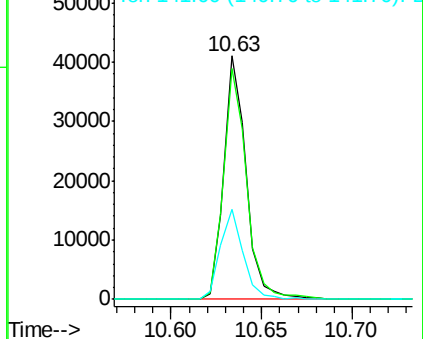
141 38.0 29.9 44.9



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: 68.933 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF099774.D

Acq: 23 Oct 2017 22:18

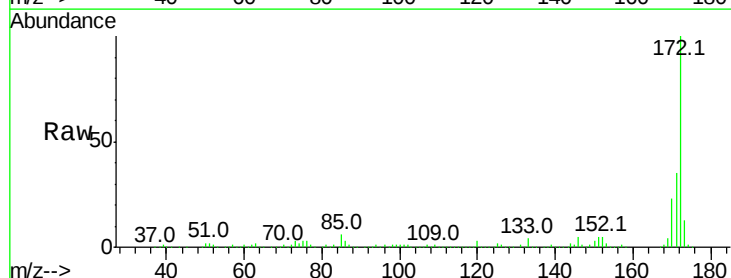
Tgt Ion:172 Resp: 779091

Ion Ratio Lower Upper

172 100

171 35.3 29.7 44.5

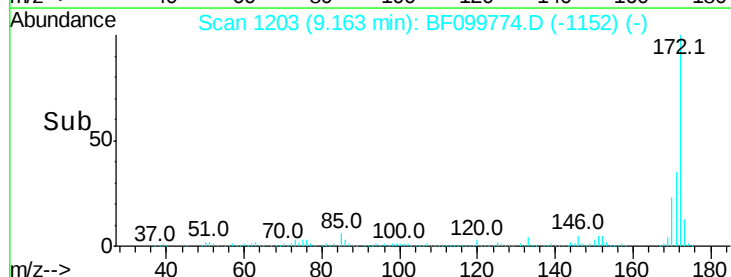
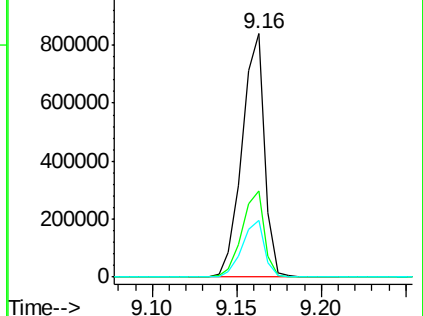
170 23.4 19.6 29.4

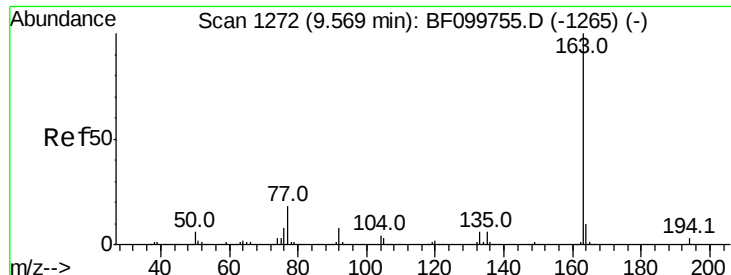


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

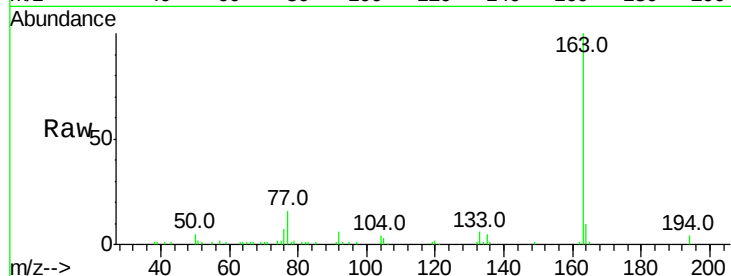




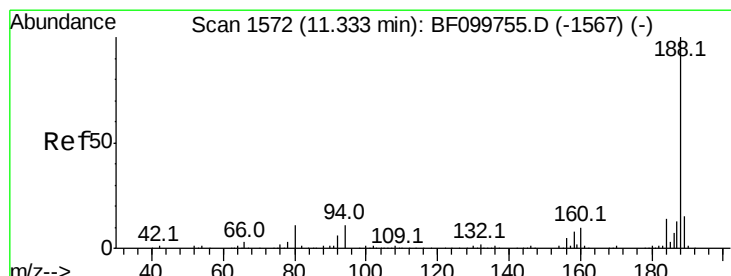
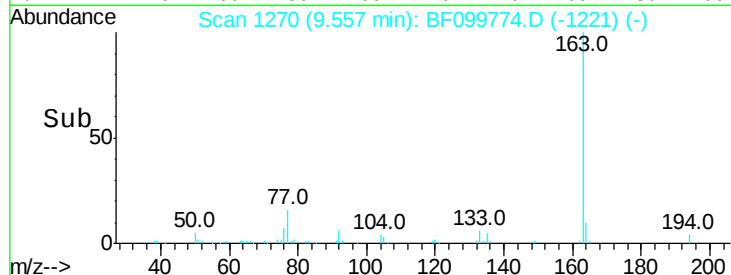
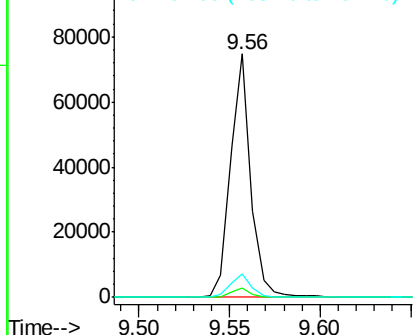
#49
Dimethylphthalate
Concen: 4.205 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF099774.D
Acq: 23 Oct 2017 22:18

Instrument :
BNA_F
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20170725-PA-A-COMP1RE

Tot Ion:163 Resp: 58066
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.8 8.2 12.2

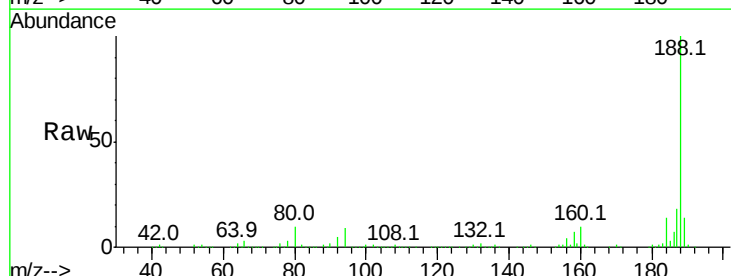


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

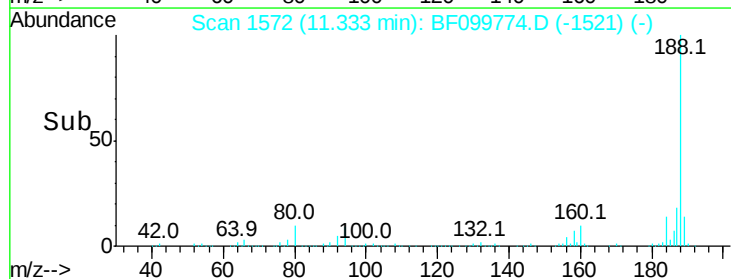
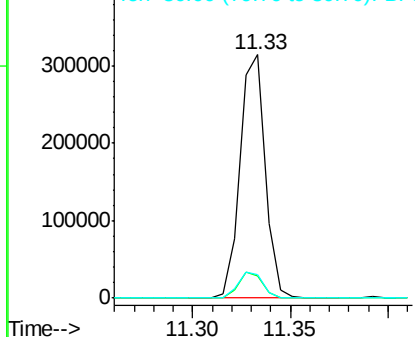


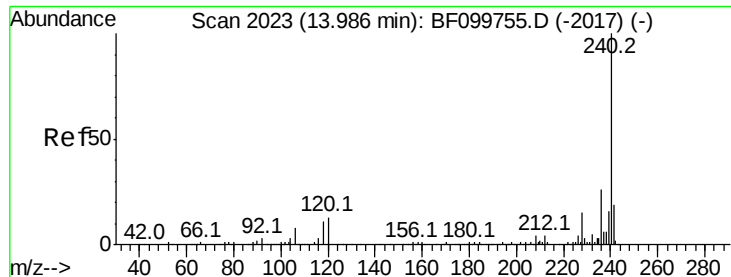
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099774.D
Acq: 23 Oct 2017 22:18

Tgt Ion:188 Resp: 281622
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.6 9.2 13.8



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099774.D

Acq: 23 Oct 2017 22:18

Instrument :

BNA_F

ClientSampleId :

20170725-PA-A-COMP1RE

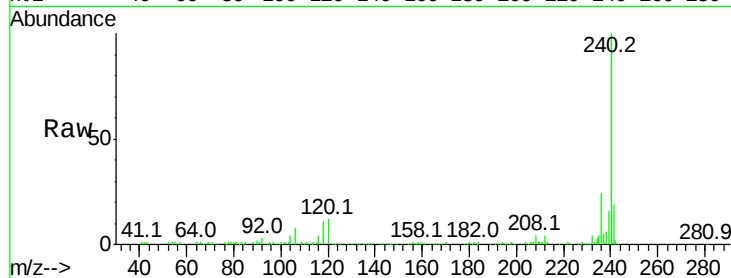
Tot Ion:240 Resp: 164742

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

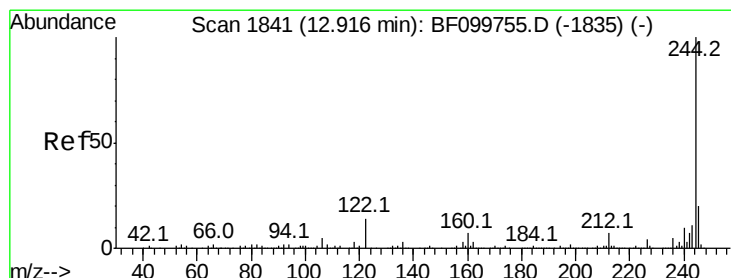
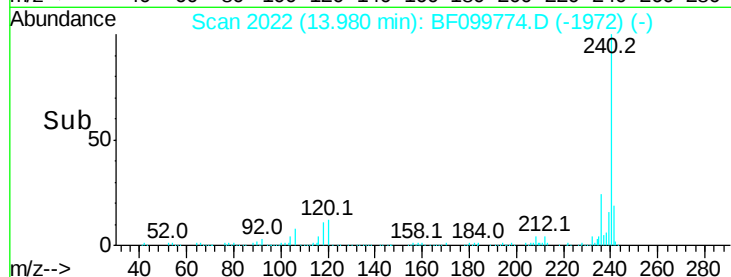
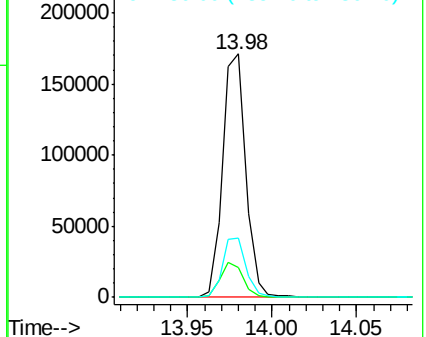
236 24.3 20.7 31.1



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: 66.346 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF099774.D

Acq: 23 Oct 2017 22:18

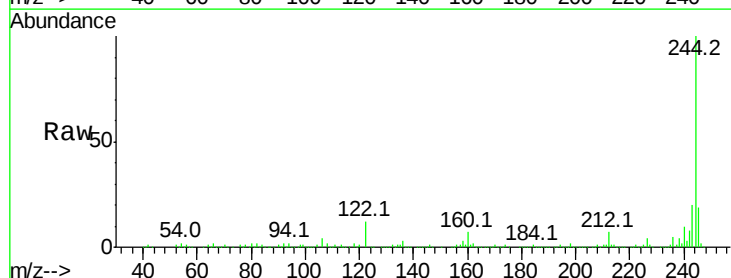
Tgt Ion:244 Resp: 500139

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

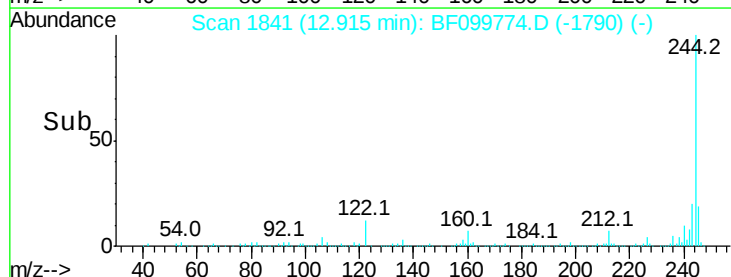
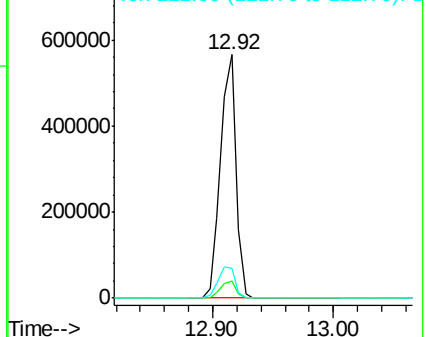
122 12.1 11.0 16.4

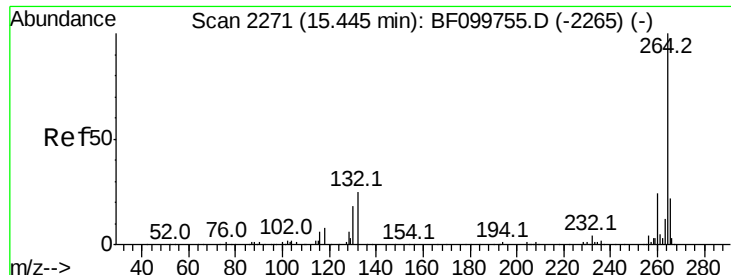


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

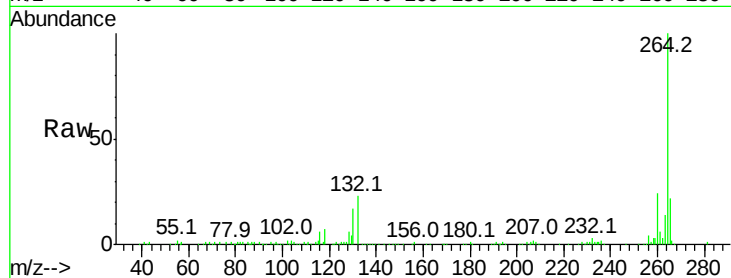




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099774.D
Acq: 23 Oct 2017 22:18

Instrument :
BNA_F
ClientSampleId :
20170725-PA-A-COMP1RE

Tot Ion:	264	Resp:	178291
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.1	17.5	26.3



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

