

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110517\
 Data File : BF100234.D
 Acq On : 5 Nov 2017 19:53
 Operator : SJ/JU
 Sample : I6285-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P002-S002-0001-01

Quant Time: Nov 06 07:20:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

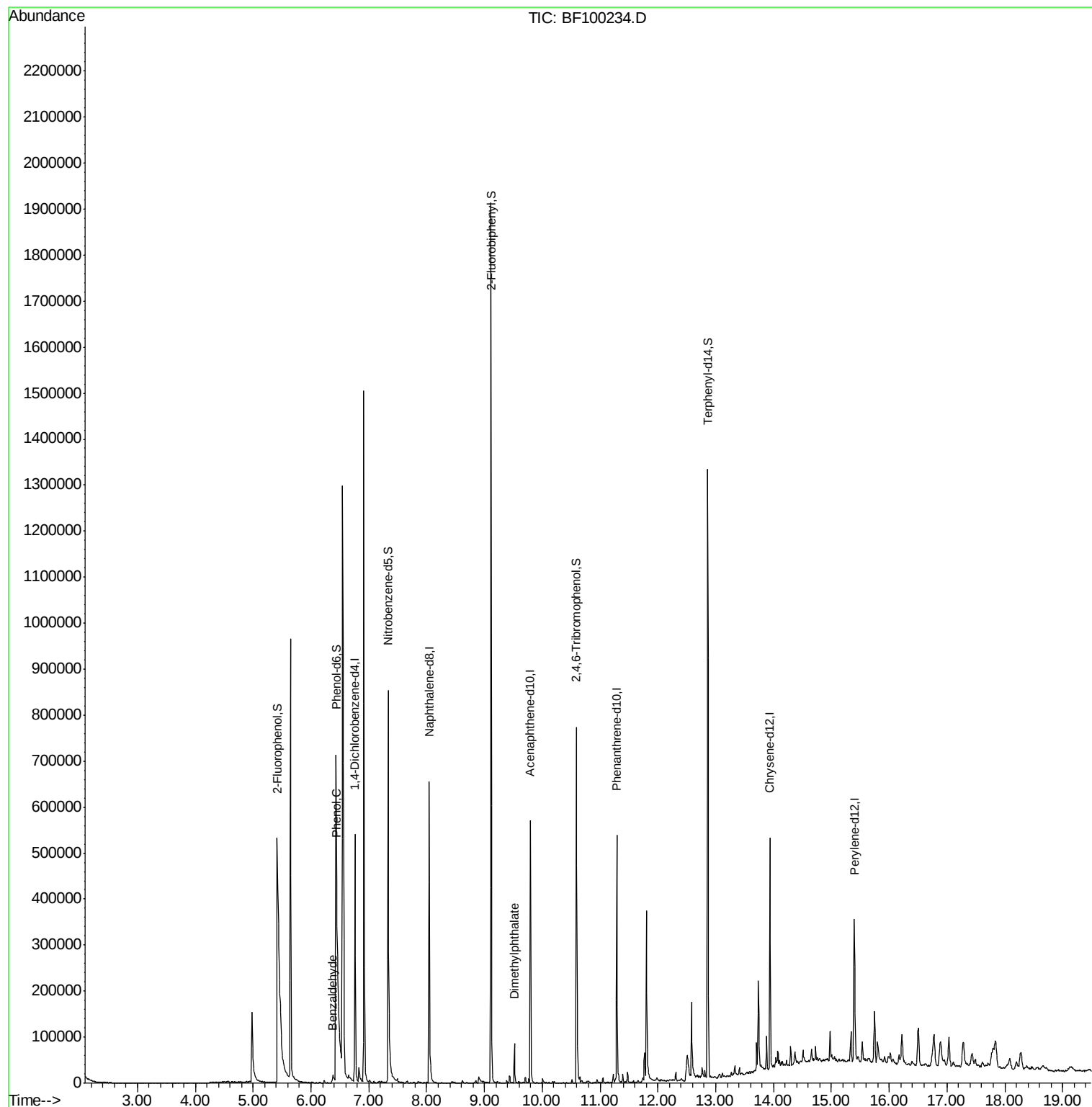
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	90175	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	340975	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	128020	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	185498	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	178582	20.00	ng	-0.01
86) Perylene-d12	15.40	264	151644	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	568388	98.96	ng	0.02
7) Phenol-d6	6.43	99	679016	99.70	ng	0.00
23) Nitrobenzene-d5	7.33	82	351879	66.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	100720	86.33	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	610891	73.62	ng	-0.01
78) Terphenyl-d14	12.86	244	400351	48.99	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.37	77	9814	2.411	ng	98
10) Phenol	6.45	94	23034	3.080	ng	# 35
49) Dimethylphthalate	9.52	163	40449	3.990	ng	99

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

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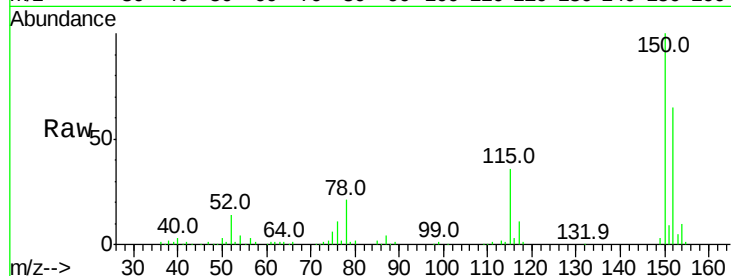


#1

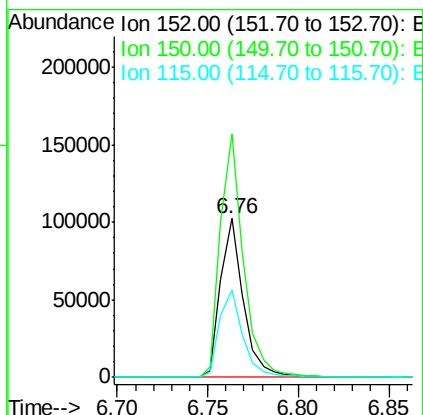
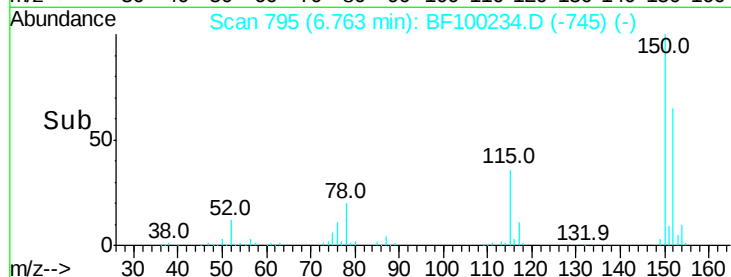
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100234.D
Acq: 5 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01

Tot Ion:152 Resp: 90175
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 55.2 50.1 75.1



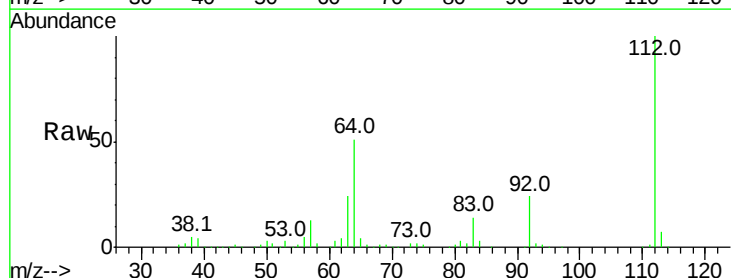
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



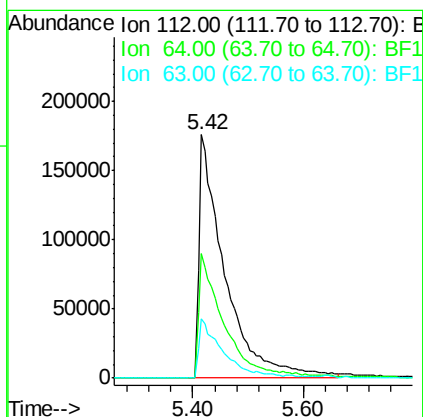
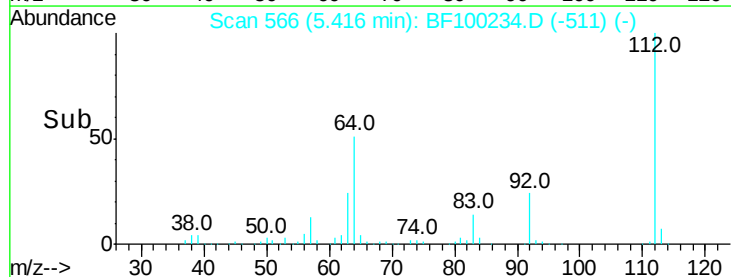
#5

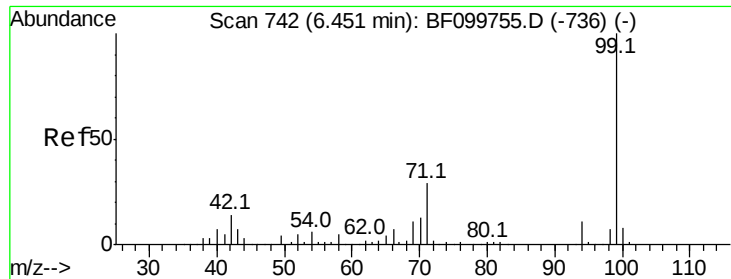
2-Fluorophenol
Concen: 98.958 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF100234.D
Acq: 5 Nov 2017 19:53

Tgt Ion:112 Resp: 568388
Ion Ratio Lower Upper
112 100
64 51.0 47.9 71.9
63 24.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 99.702 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF100234.D

Acq: 5 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

P002-S002-0001-01

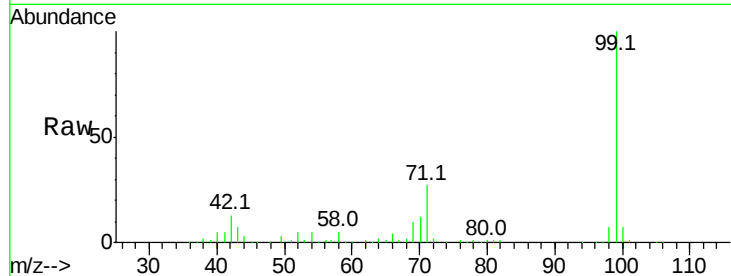
Tot Ion: 99 Resp: 679016

Ion Ratio Lower Upper

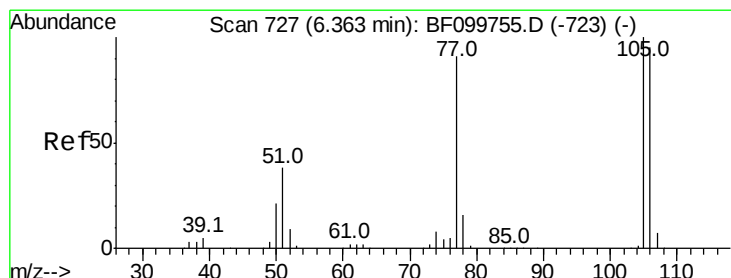
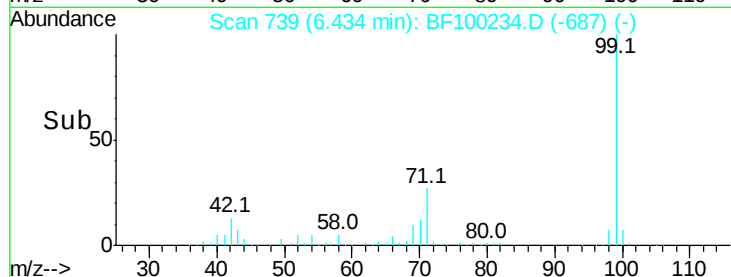
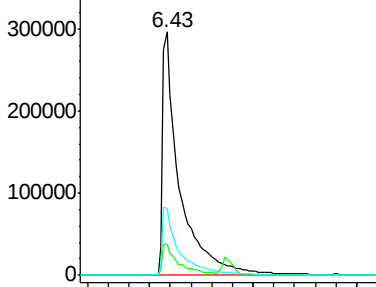
99 100

42 12.7 14.5 21.7#

71 27.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.411 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.04 min

Lab File: BF100234.D

Acq: 5 Nov 2017 19:53

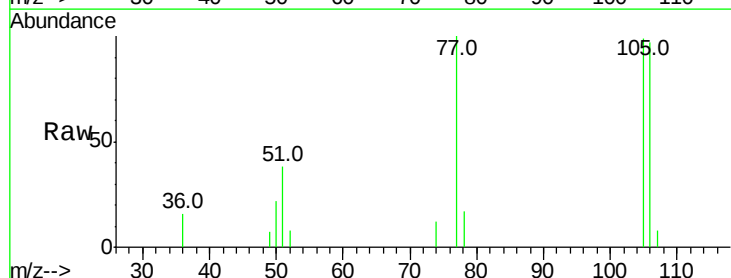
Tgt Ion: 77 Resp: 9814

Ion Ratio Lower Upper

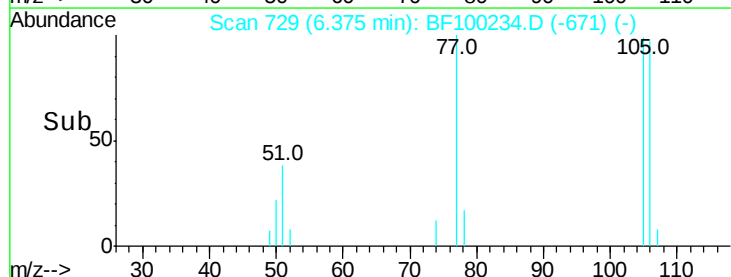
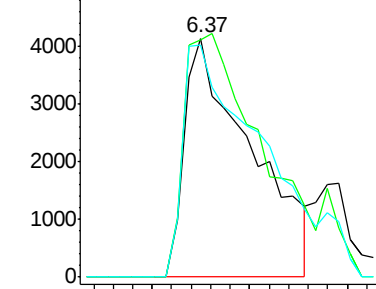
77 100

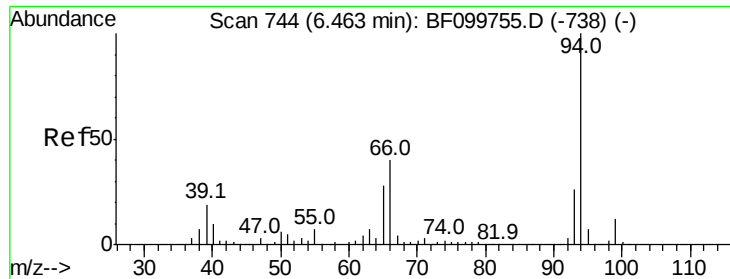
105 99.3 81.1 121.1

106 97.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.080 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF100234.D

Acq: 5 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

P002-S002-0001-01

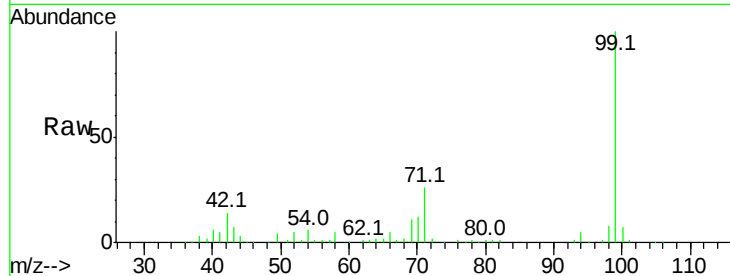
Tot Ion: 94 Resp: 23034

Ion Ratio Lower Upper

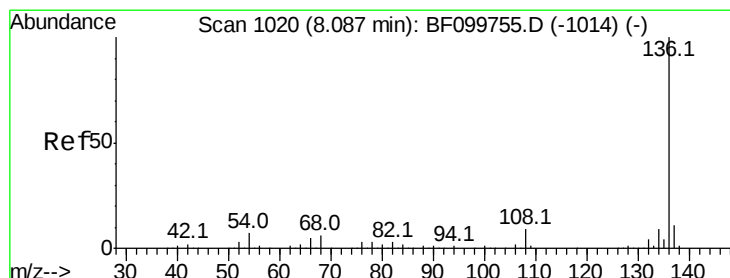
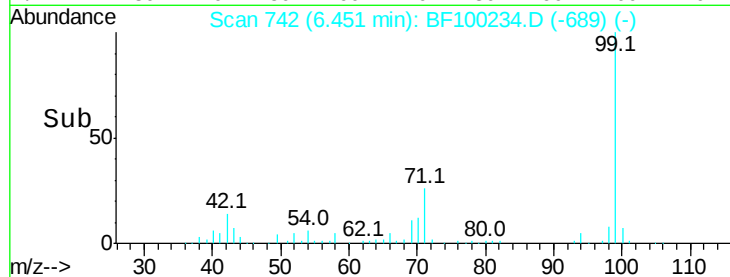
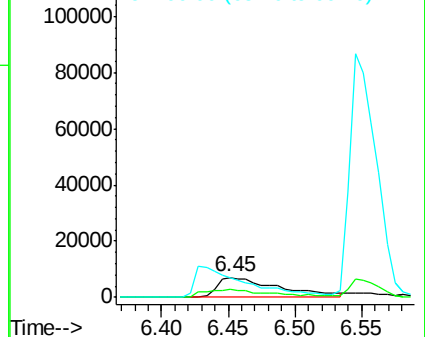
94 100

65 37.4 7.9 47.9

66 95.3 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF100234.D

Acq: 5 Nov 2017 19:53

Tgt Ion: 136 Resp: 340975

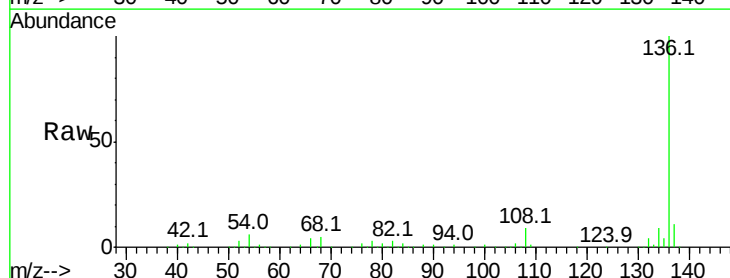
Ion Ratio Lower Upper

136 100

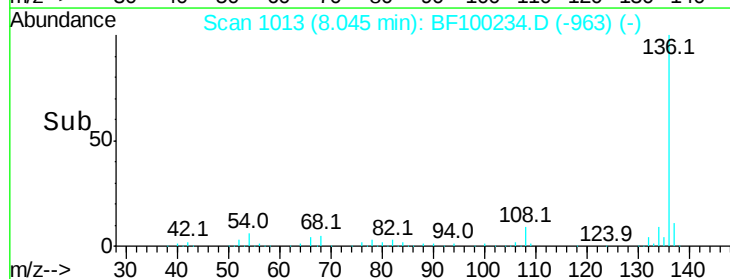
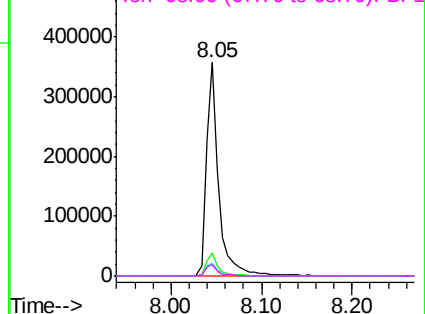
137 10.8 8.9 13.3

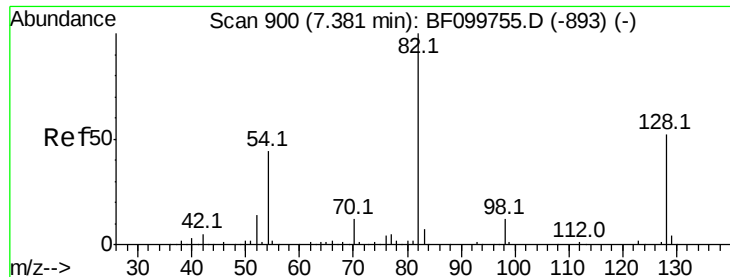
54 6.2 6.6 9.8#

68 5.4 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): BF1
Ion 68.00 (67.70 to 68.70): BF1

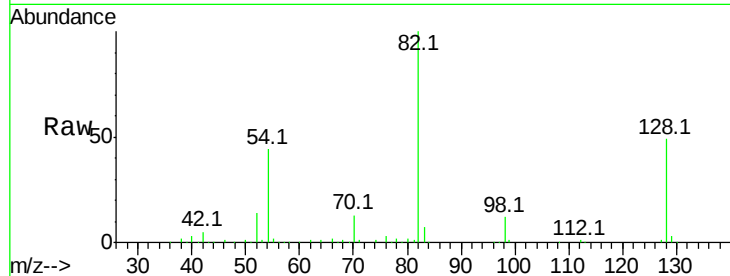




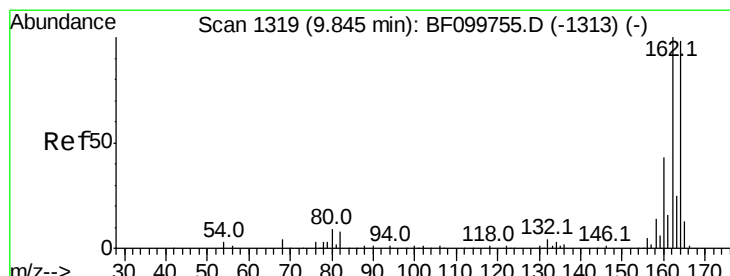
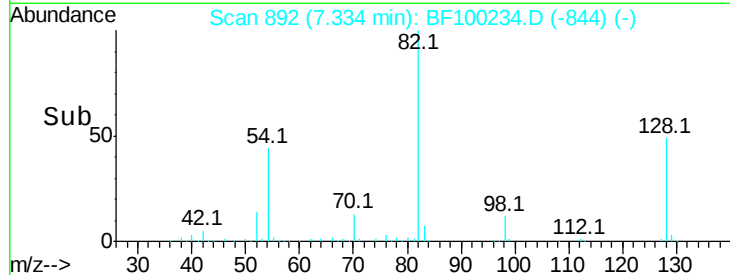
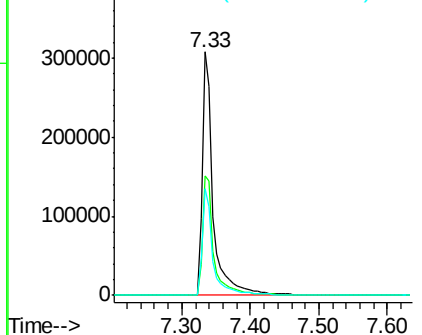
#23
Nitrobenzene-d5
Concen: 66.439 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF100234.D
Acq: 5 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01

Tot Ion: 82 Resp: 351879
Ion Ratio Lower Upper
82 100
128 48.9 36.1 54.1
54 43.7 41.4 62.2

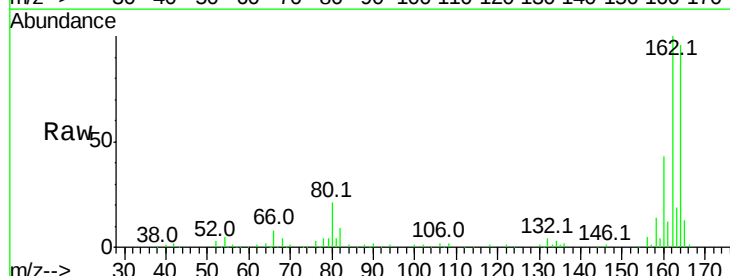


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

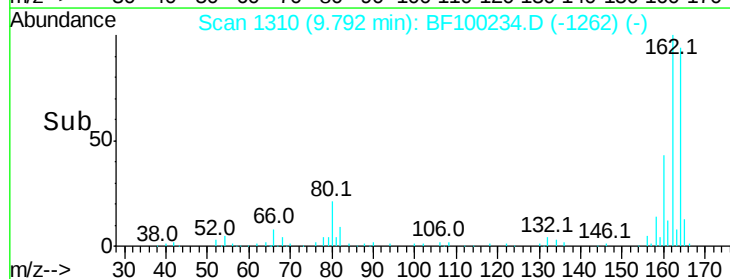
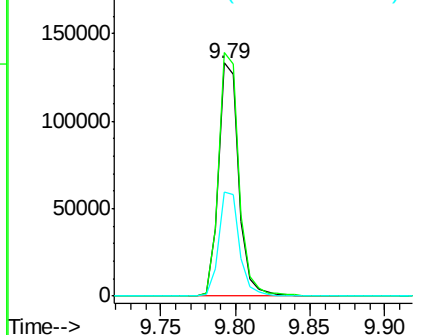


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF100234.D
Acq: 5 Nov 2017 19:53

Tgt Ion:164 Resp: 128020
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 44.6 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

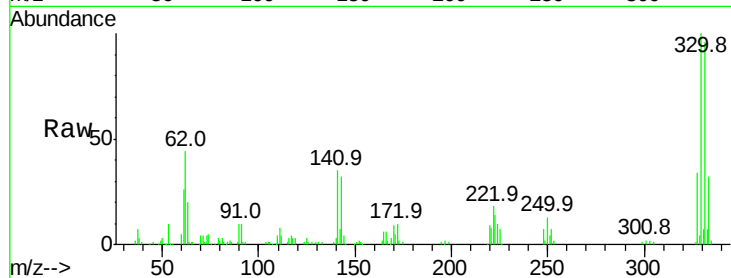




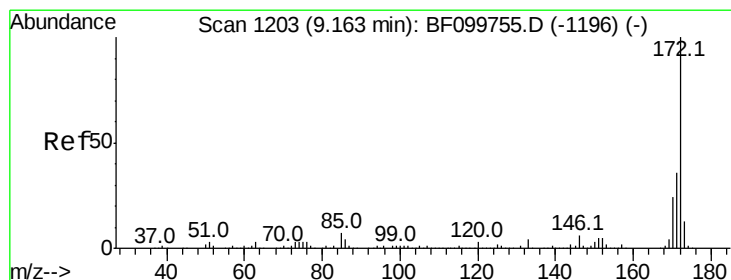
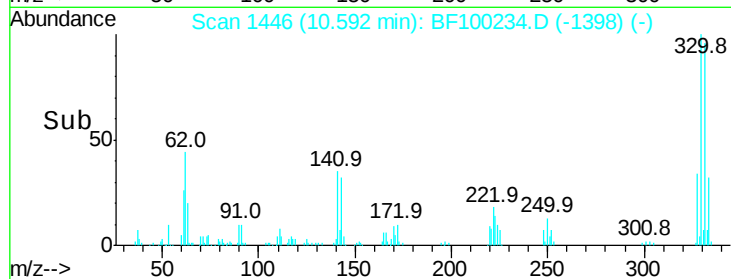
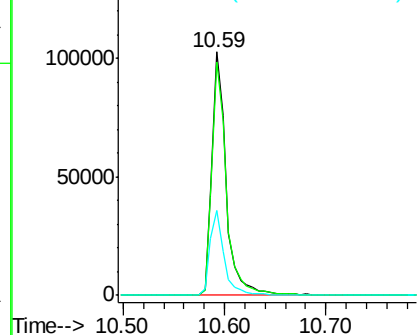
#41
 2,4,6-Tribromophenol
 Concen: 86.331 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF100234.D
 Acq: 5 Nov 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 P002-S002-0001-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	34.4	29.9	44.9

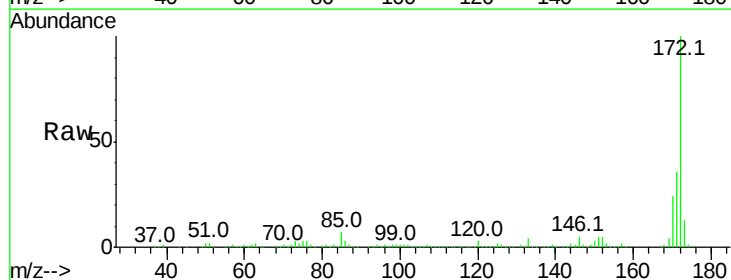


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

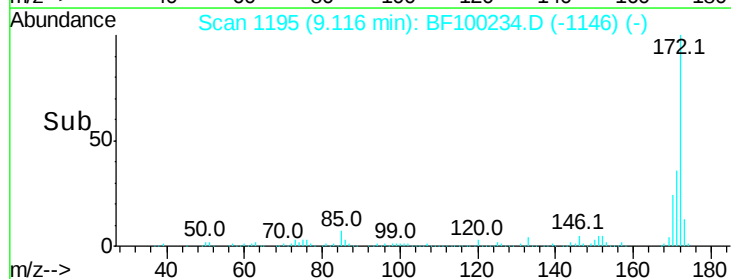
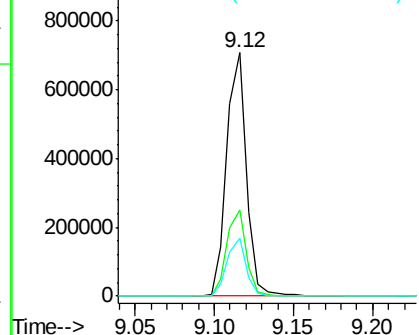


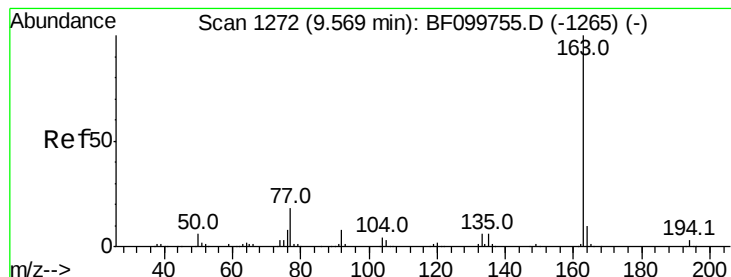
#44
 2-Fluorobiphenyl
 Concen: 73.622 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100234.D
 Acq: 5 Nov 2017 19:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.6	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: 3.990 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF100234.D

Acq: 5 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

P002-S002-0001-01

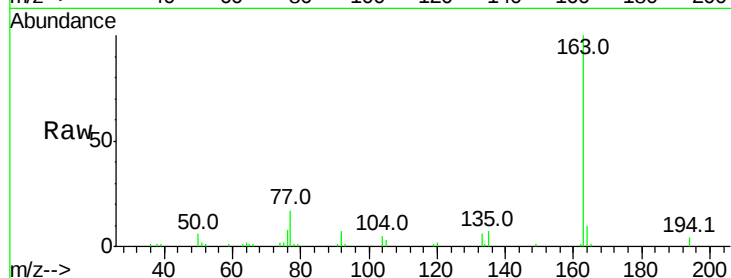
Tot Ion:163 Resp: 40449

Ion Ratio Lower Upper

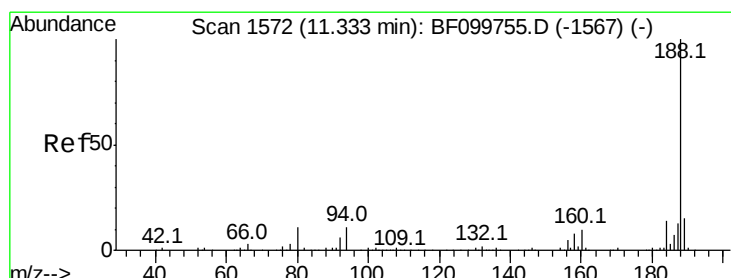
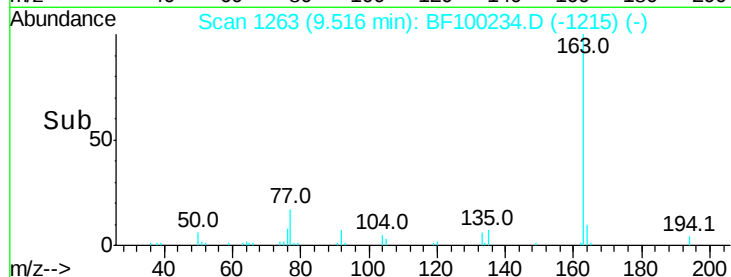
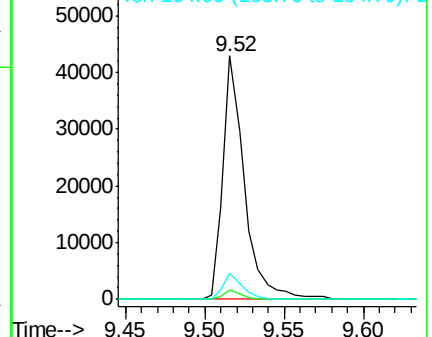
163 100

194 4.0 2.7 4.1

164 10.5 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: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF100234.D

Acq: 5 Nov 2017 19:53

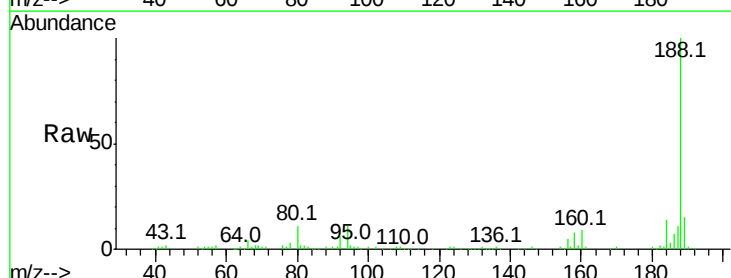
Tgt Ion:188 Resp: 185498

Ion Ratio Lower Upper

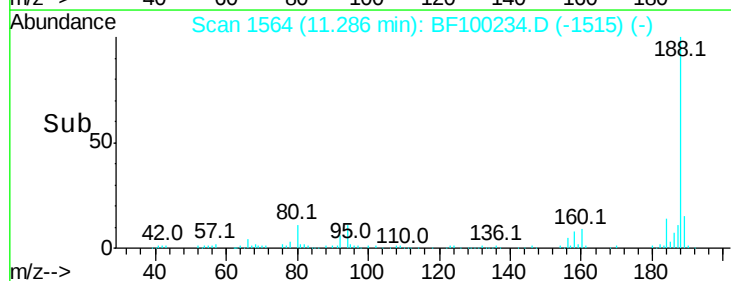
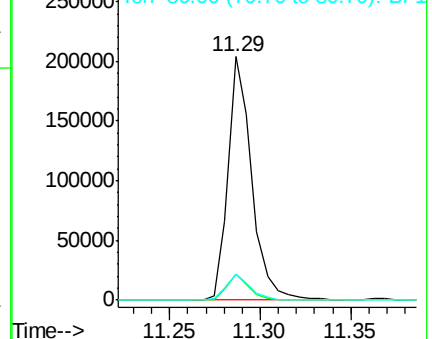
188 100

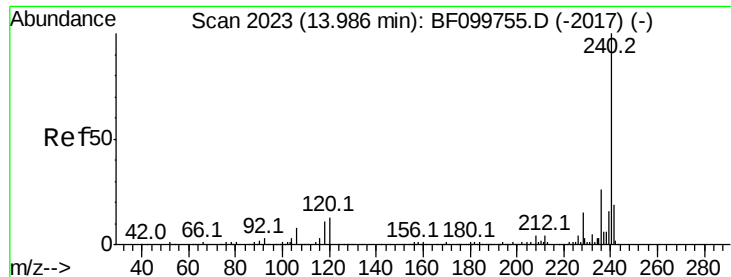
94 10.6 8.5 12.7

80 10.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF100234.D

Acq: 5 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

P002-S002-0001-01

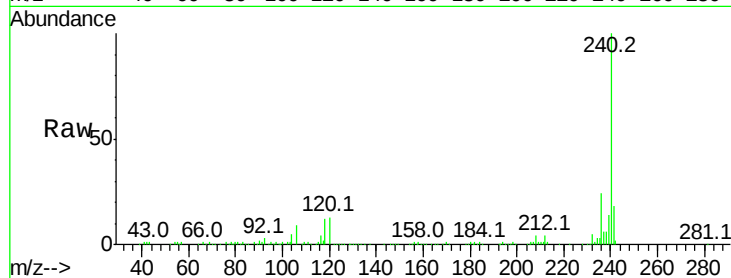
Tot Ion:240 Resp: 178582

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

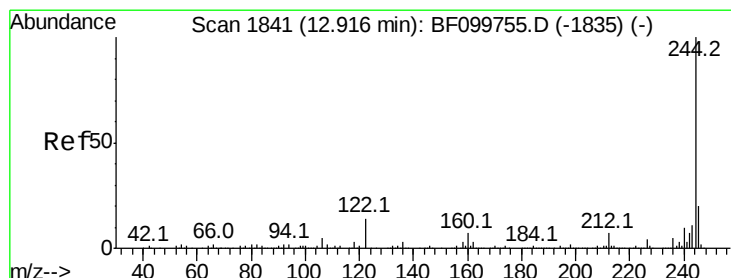
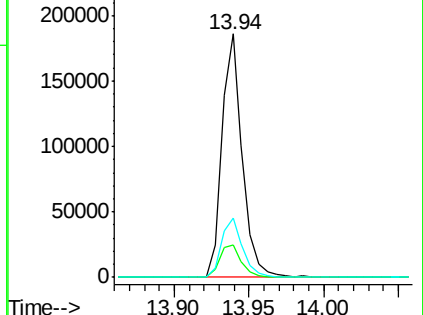
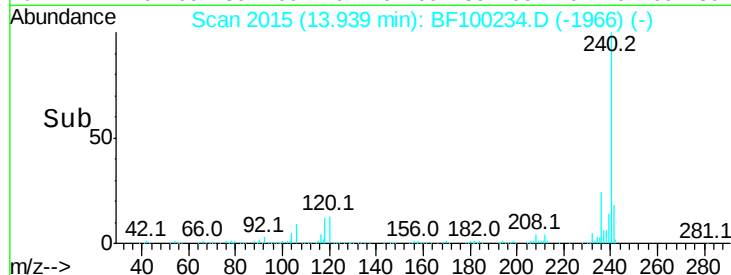
236 24.3 20.7 31.1



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: 48.992 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF100234.D

Acq: 5 Nov 2017 19:53

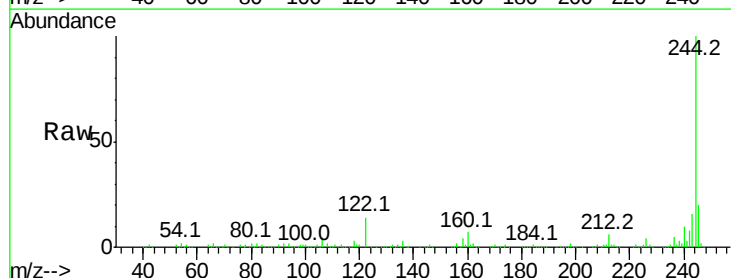
Tgt Ion:244 Resp: 400351

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

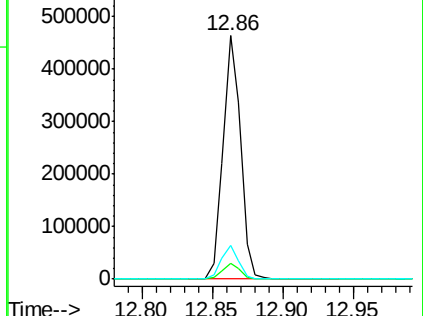
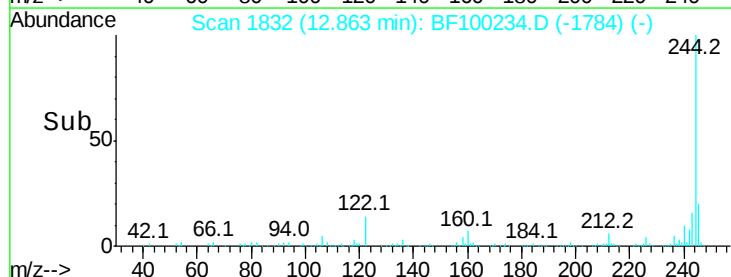
122 14.0 11.0 16.4

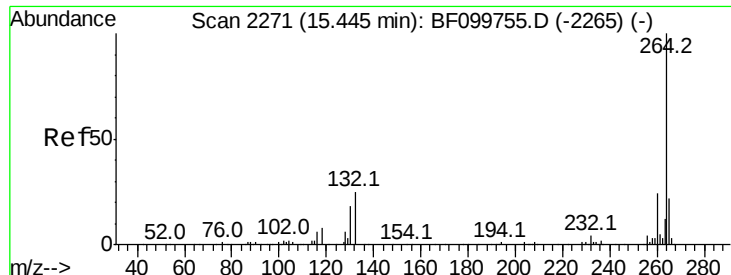


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

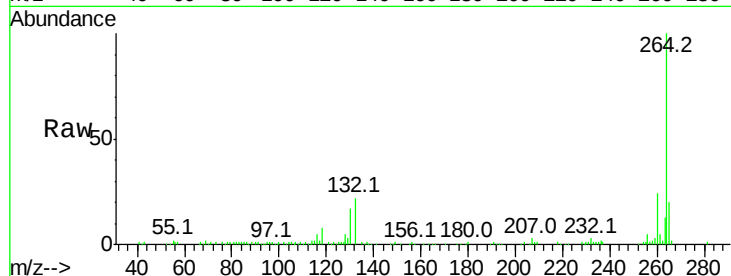




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF100234.D
Acq: 5 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	19.5	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

