

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
 Data File : BF099860.D
 Acq On : 26 Oct 2017 14:38
 Operator : SJ/JU
 Sample : I6085-01 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 16:33:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 16:31:52 2017
 Response via : Initial Calibration

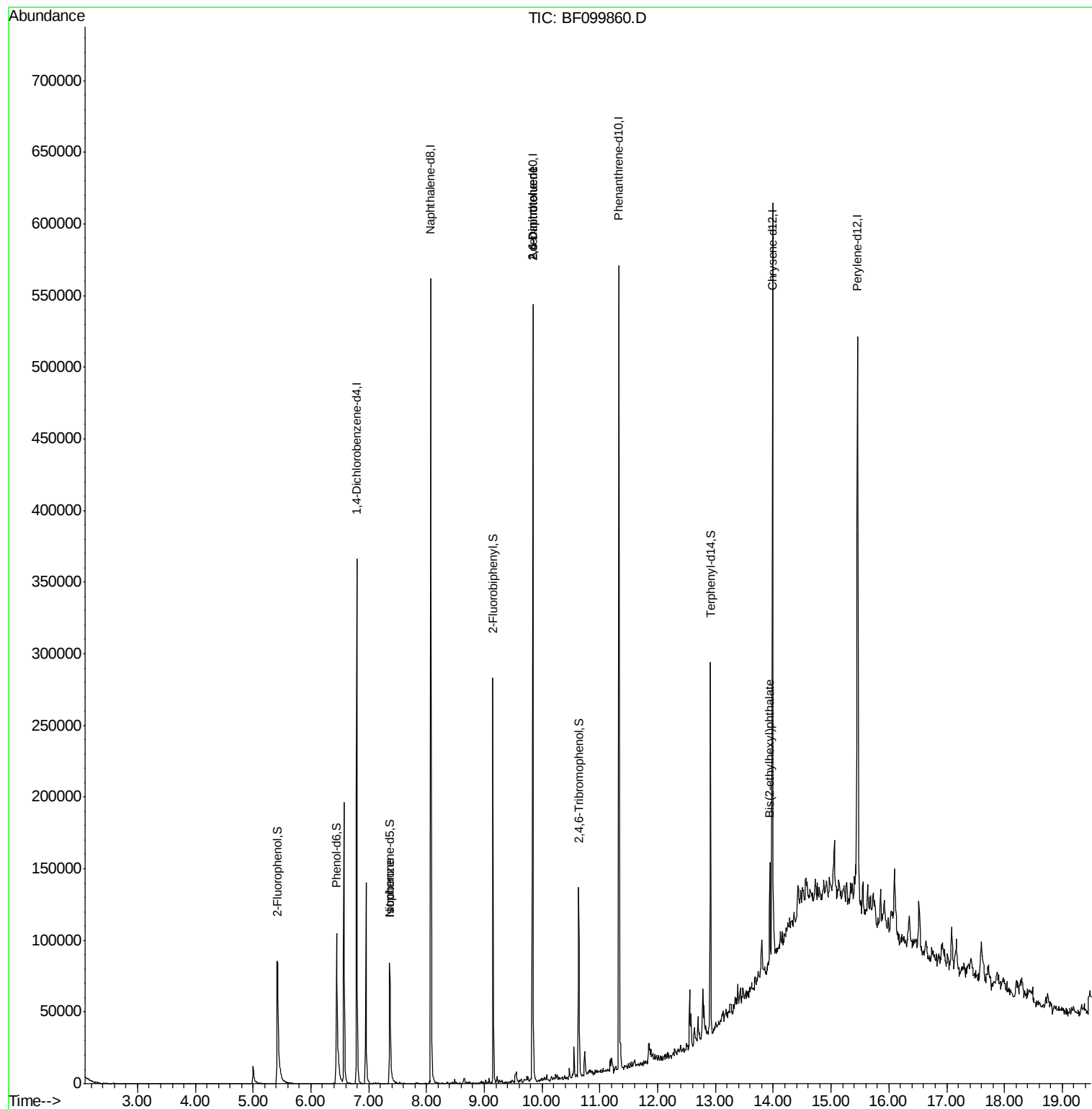
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	59258	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	255883	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	118623	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	214653	20.00	ng	0.00
75) Chrysene-d12	13.99	240	180638	20.00	ng	0.00
86) Perylene-d12	15.46	264	178727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	57286	15.18	ng	0.02
7) Phenol-d6	6.45	99	71420	15.96	ng	0.01
23) Nitrobenzene-d5	7.36	82	39766	10.01	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	15981	14.78	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	84608	11.00	ng	0.00
78) Terphenyl-d14	12.91	244	75407	9.12	ng	0.00
Target Compounds						
25) Isophorone	7.36	82	39766	5.514	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	14746	7.467	ng	# 24
56) 2,4-Dinitrotoluene	9.84	165	14746	6.200	ng	# 21
83) Bis(2-ethylhexyl)phthalate	13.94	149	22374	2.356	ng	96

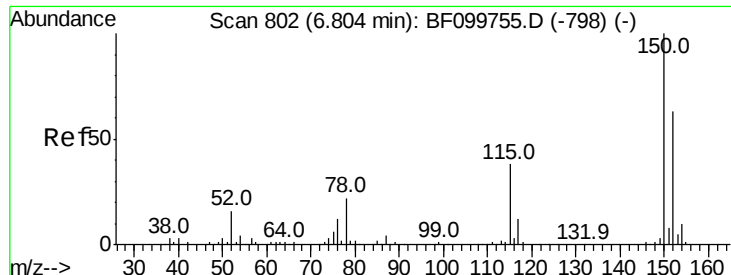
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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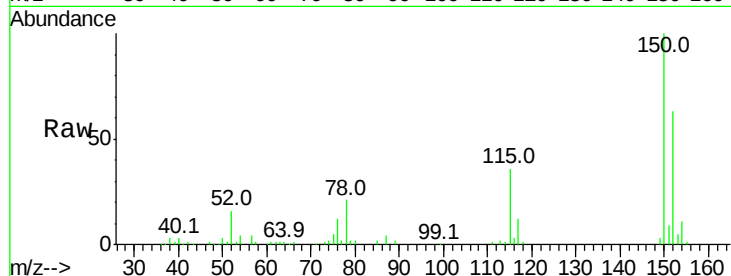


#1

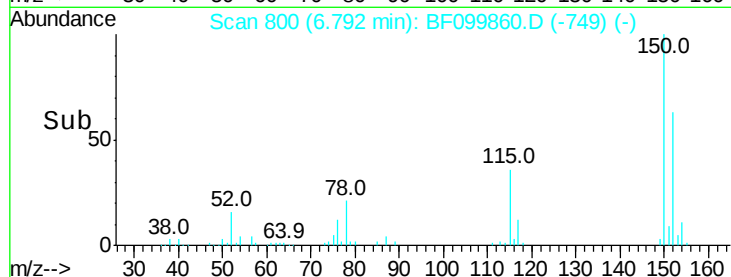
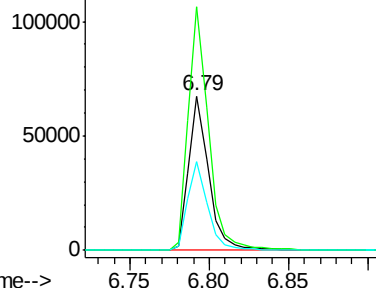
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099860.D
Acq: 26 Oct 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 59258
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 57.6 50.1 75.1



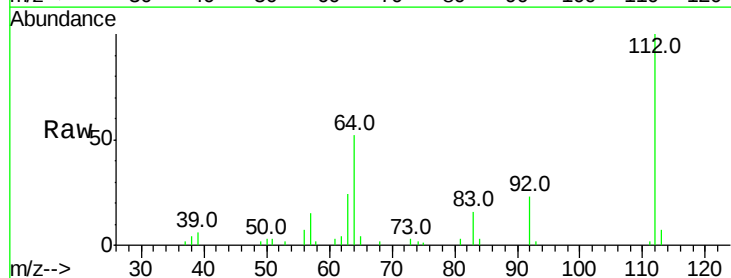
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



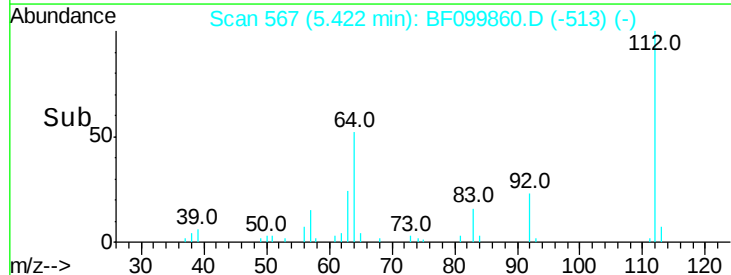
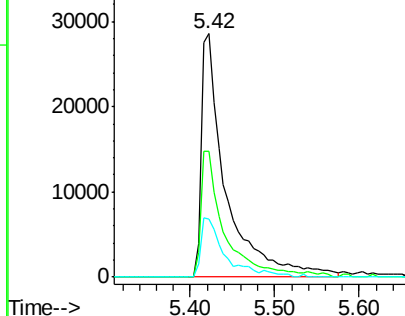
#5

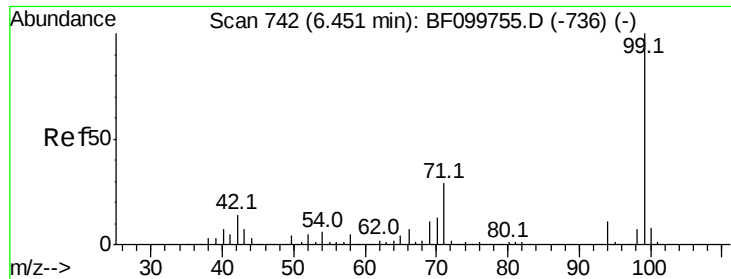
2-Fluorophenol
Concen: 15.177 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF099860.D
Acq: 26 Oct 2017 14:38

Tgt Ion:112 Resp: 57286
Ion Ratio Lower Upper
112 100
64 51.9 47.9 71.9
63 24.0 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: 15.958 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF099860.D

Acq: 26 Oct 2017 14:38

Instrument :

BNA_F

ClientSampled :

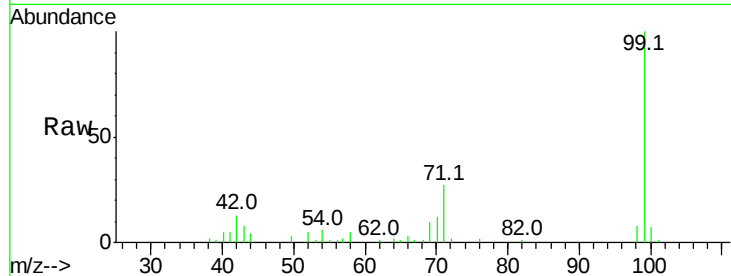
Tot Ion: 99 Resp: 71420

Ion Ratio Lower Upper

99 100

42 13.1 14.5 21.7#

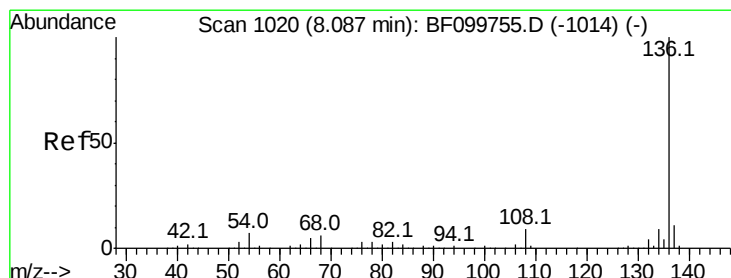
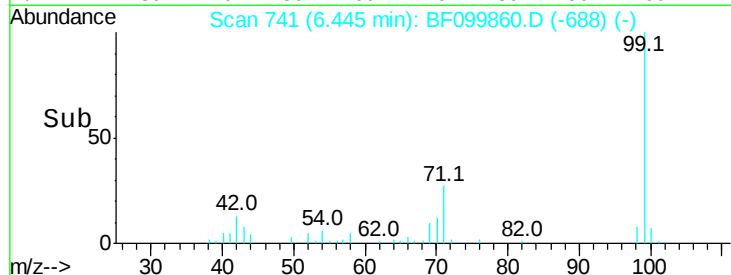
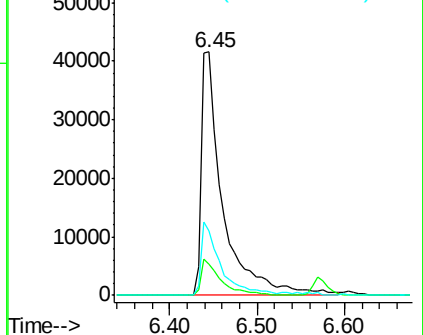
71 26.5 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF099860.D

Acq: 26 Oct 2017 14:38

Tgt Ion: 136 Resp: 255883

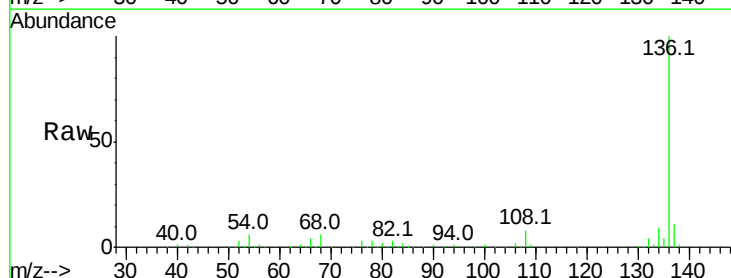
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.5 6.6 9.8#

68 5.8 5.0 7.4

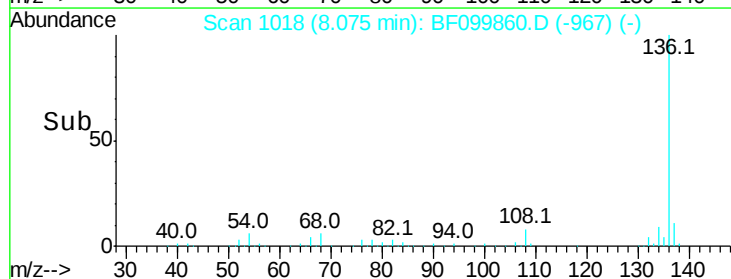
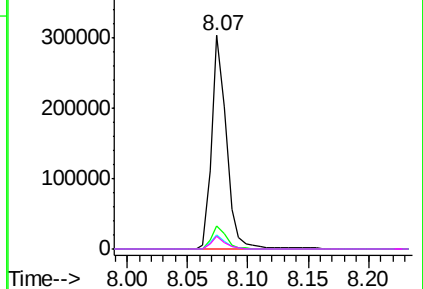


Abundance Ion 136.00 (135.70 to 136.70): E

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

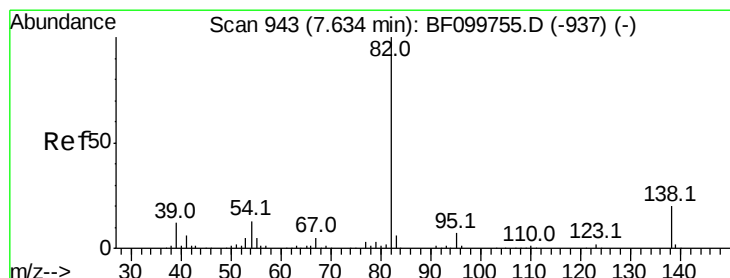
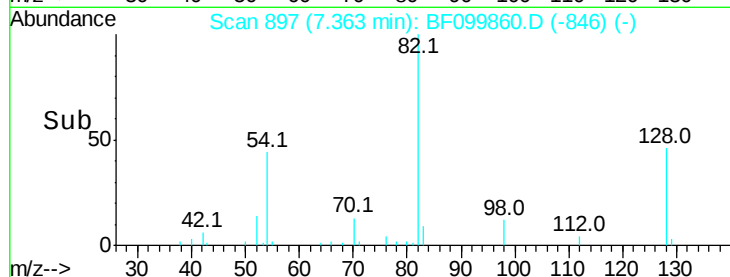
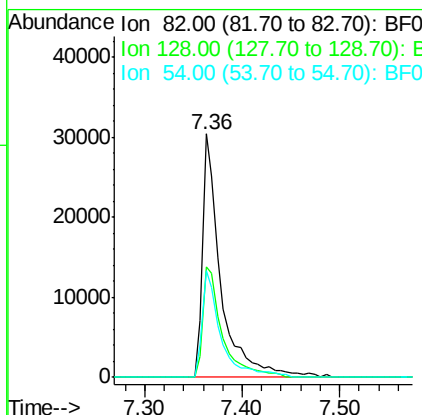
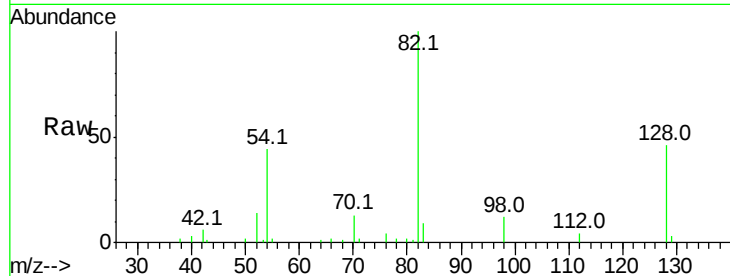




#23
Nitrobenzene-d5
Concen: 10.005 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099860.D
Acq: 26 Oct 2017 14:38

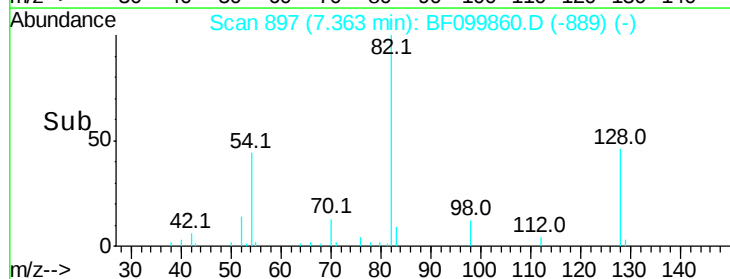
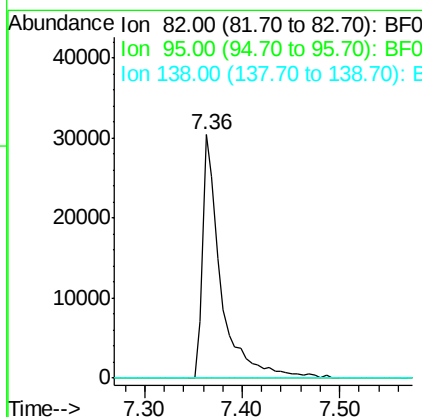
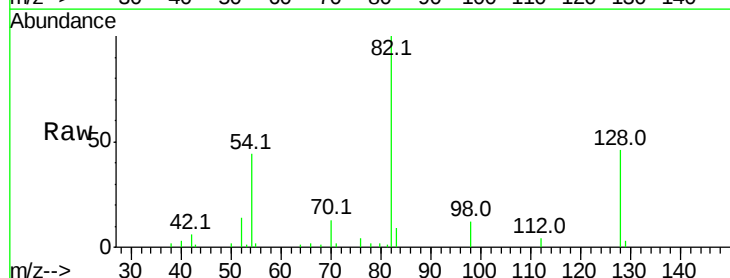
Instrument :
BNA_F
ClientSampled :

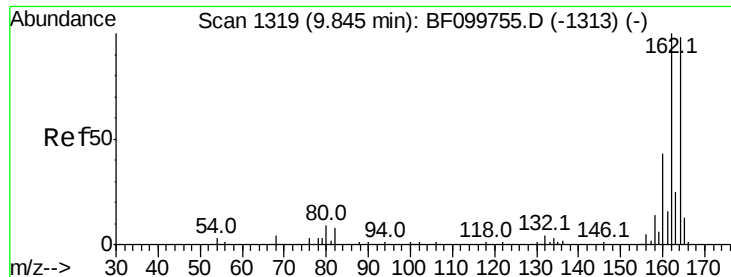
Tot Ion: 82 Resp: 39766
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 43.8 41.4 62.2



#25
Isophorone
Concen: 5.514 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.25 min
Lab File: BF099860.D
Acq: 26 Oct 2017 14:38

Tgt Ion: 82 Resp: 39766
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

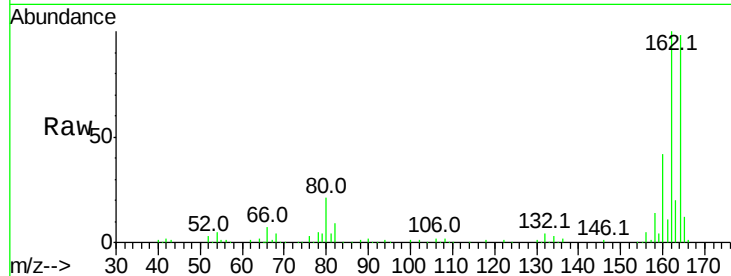




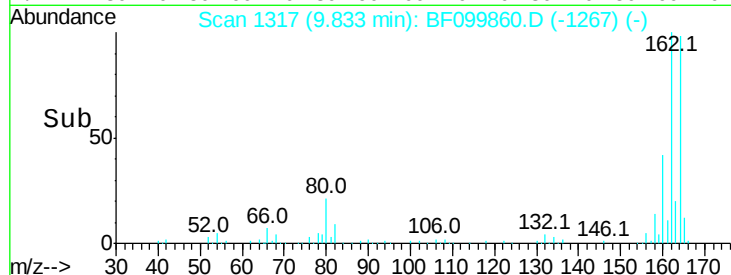
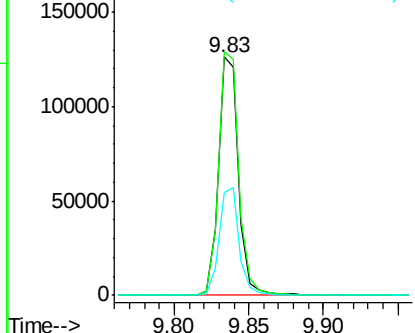
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099860.D
Acq: 26 Oct 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 118623
Ion Ratio Lower Upper
164 100
162 102.2 86.1 129.1
160 43.0 38.3 57.5

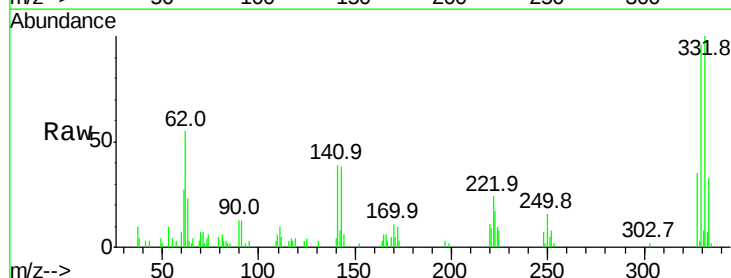


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

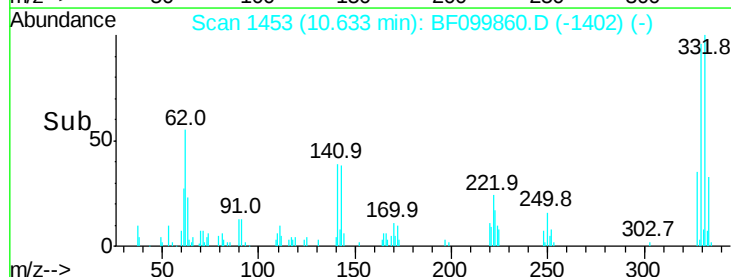
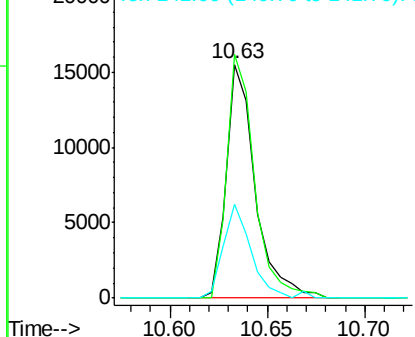


#41
2,4,6-Tribromophenol
Concen: 14.783 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF099860.D
Acq: 26 Oct 2017 14:38

Tgt Ion:330 Resp: 15981
Ion Ratio Lower Upper
330 100
332 100.2 77.0 115.6
141 37.9 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

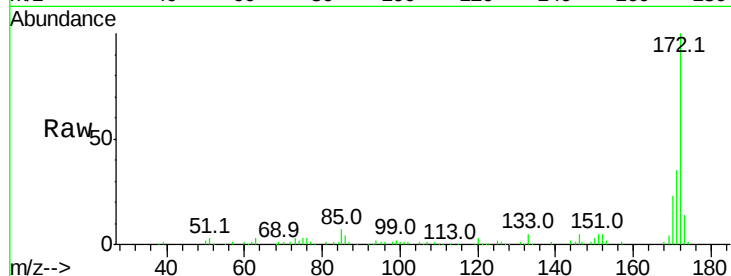




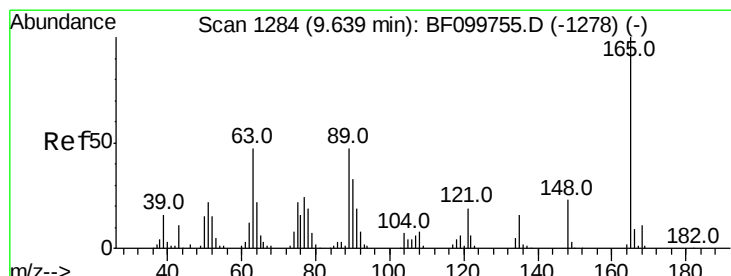
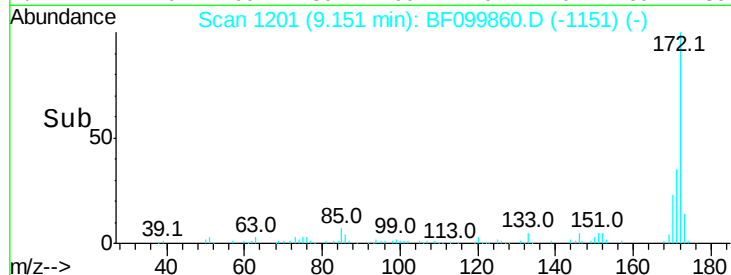
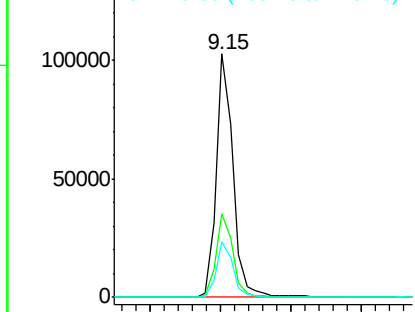
#44
2-Fluorobiphenyl
Concen: 11.004 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF099860.D
Acq: 26 Oct 2017 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 84608
Ion Ratio Lower Upper
172 100
171 34.5 29.7 44.5
170 22.9 19.6 29.4

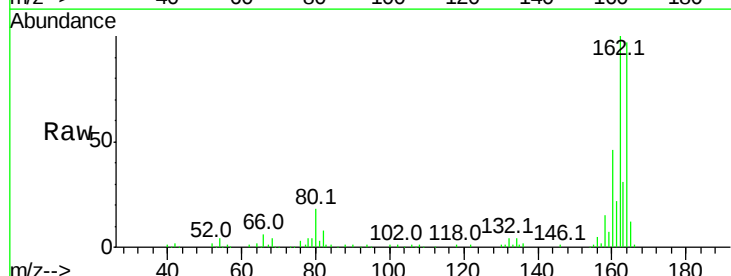


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

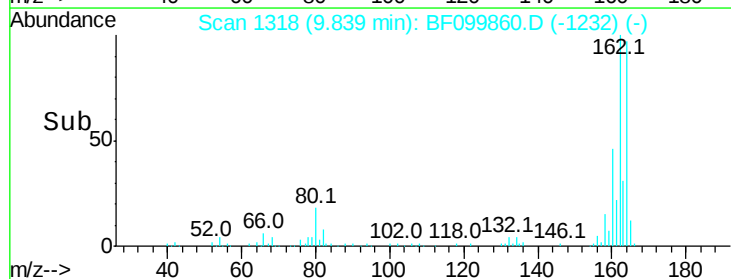
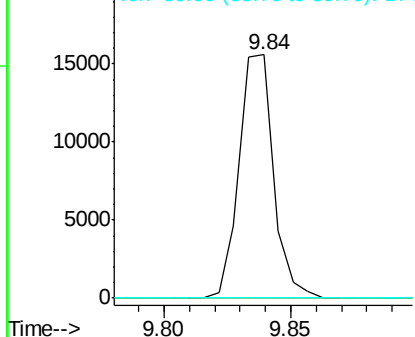


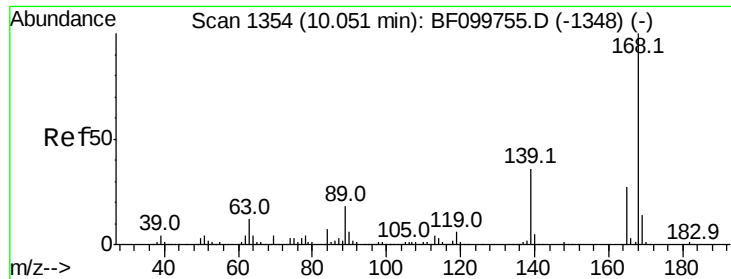
#50
2,6-Dinitrotoluene
Concen: 7.467 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF099860.D
Acq: 26 Oct 2017 14:38

Tgt Ion:165 Resp: 14746
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.200 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.21 min

Lab File: BF099860.D

Acq: 26 Oct 2017 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 14746

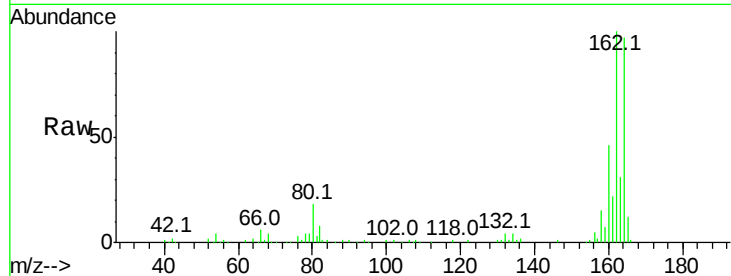
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

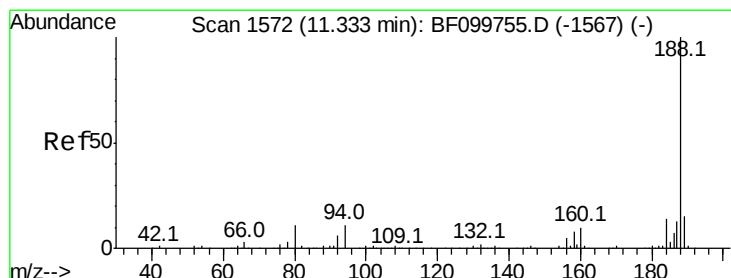
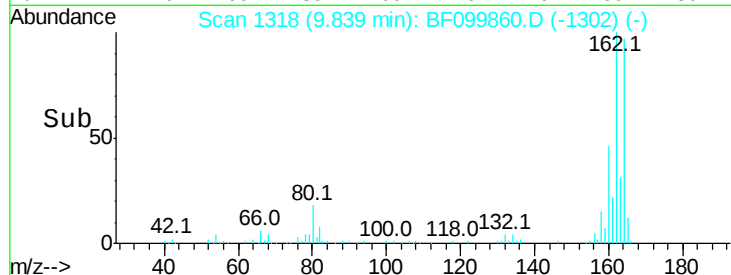
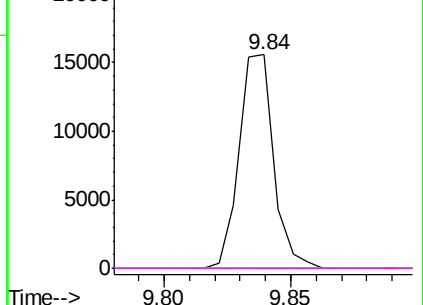


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF099860.D

Acq: 26 Oct 2017 14:38

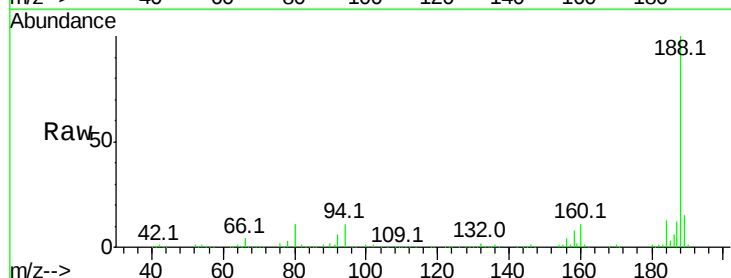
Tgt Ion:188 Resp: 214653

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

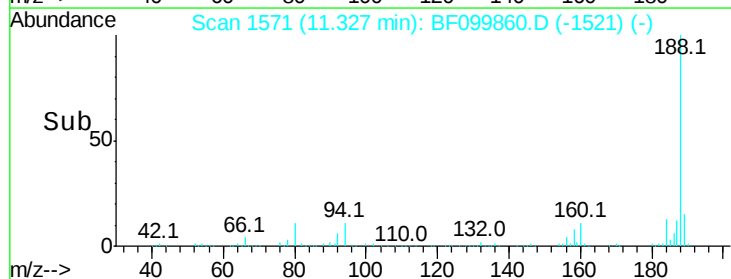
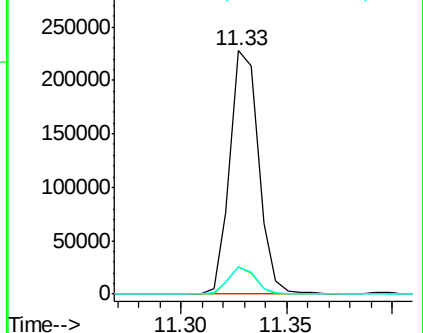
80 11.4 9.2 13.8

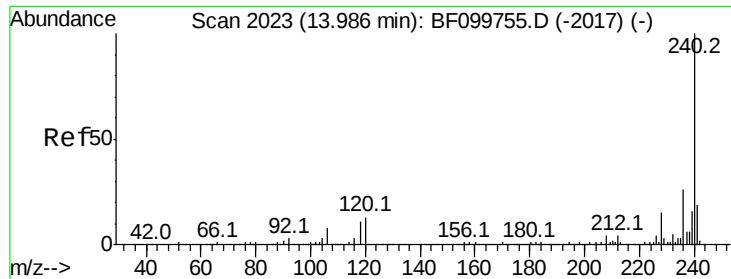


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

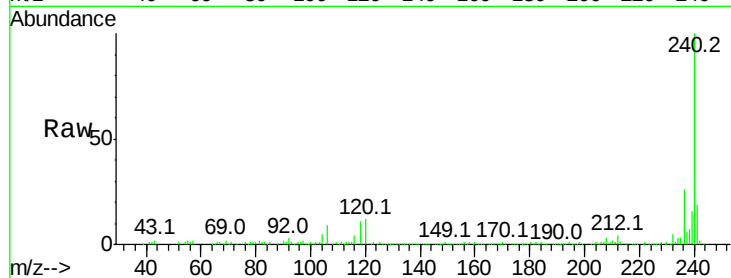




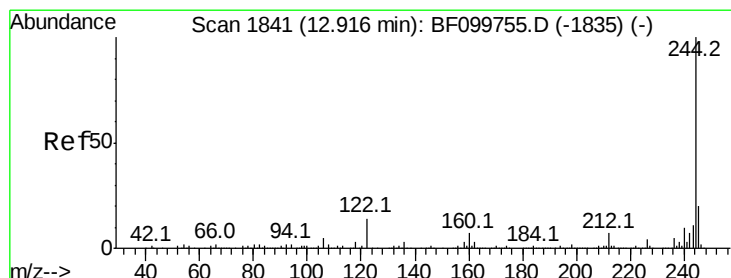
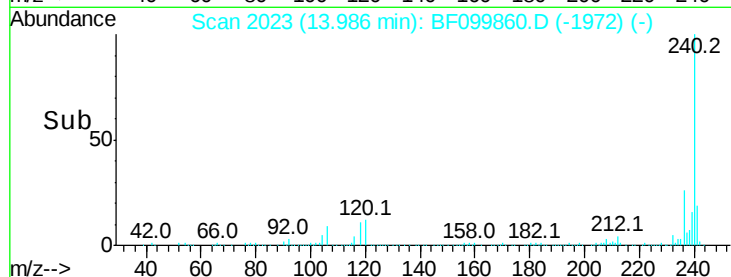
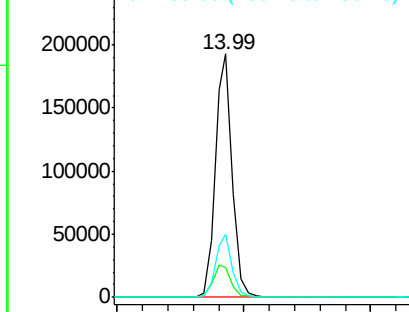
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF099860.D
Acq: 26 Oct 2017 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 180638
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 26.1 20.7 31.1

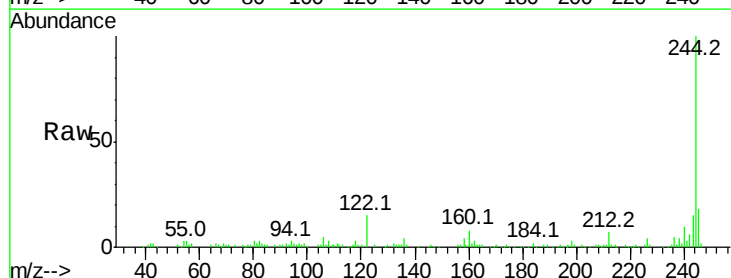


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

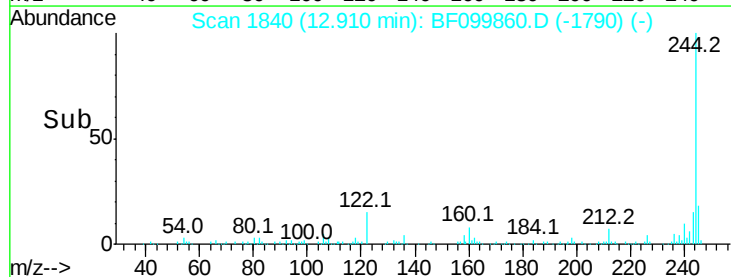
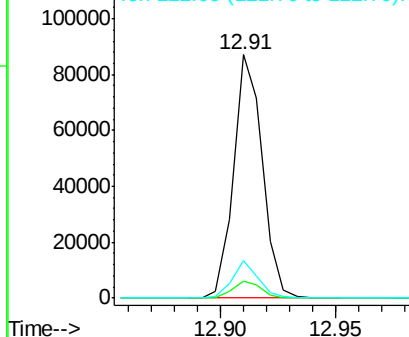


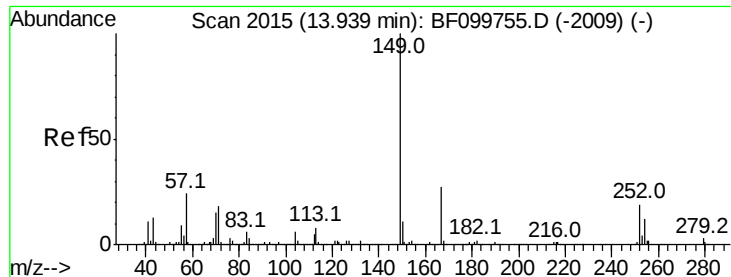
#78
Terphenyl-d14
Concen: 9.123 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF099860.D
Acq: 26 Oct 2017 14:38

Tgt Ion:244 Resp: 75407
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 15.2 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

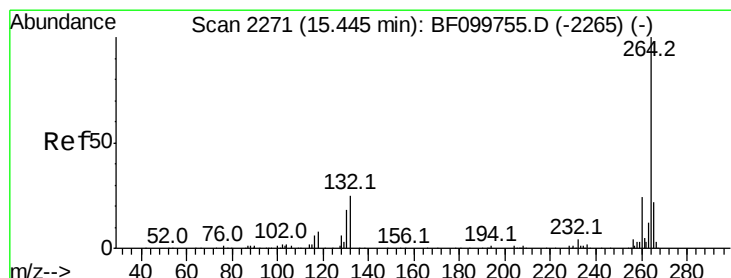
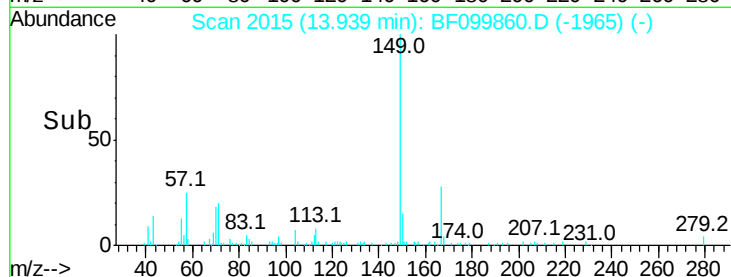
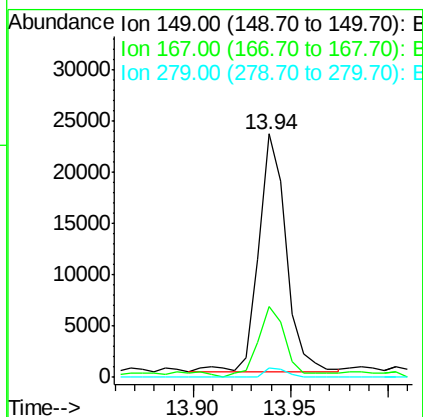
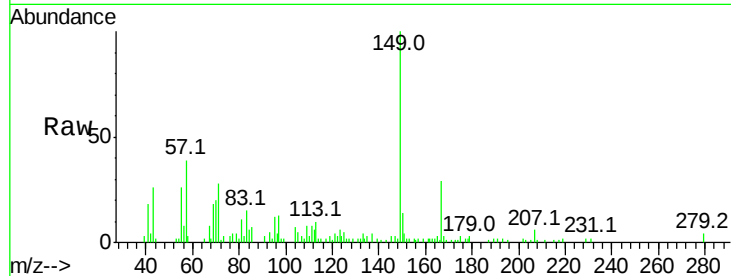




#83
Bis(2-ethylhexyl)phthalate
Concen: 2.356 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF099860.D
Acq: 26 Oct 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 22374
Ion Ratio Lower Upper
149 100
167 29.1 21.3 31.9
279 4.0 3.0 4.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF099860.D
Acq: 26 Oct 2017 14:38

Tgt Ion:264 Resp: 178727
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 22.7 17.5 26.3

