

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099625.D
 Acq On : 18 Oct 2017 18:55
 Operator : SJ/JU
 Sample : I5836-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-125-11(0-5)

Quant Time: Oct 18 22:37:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

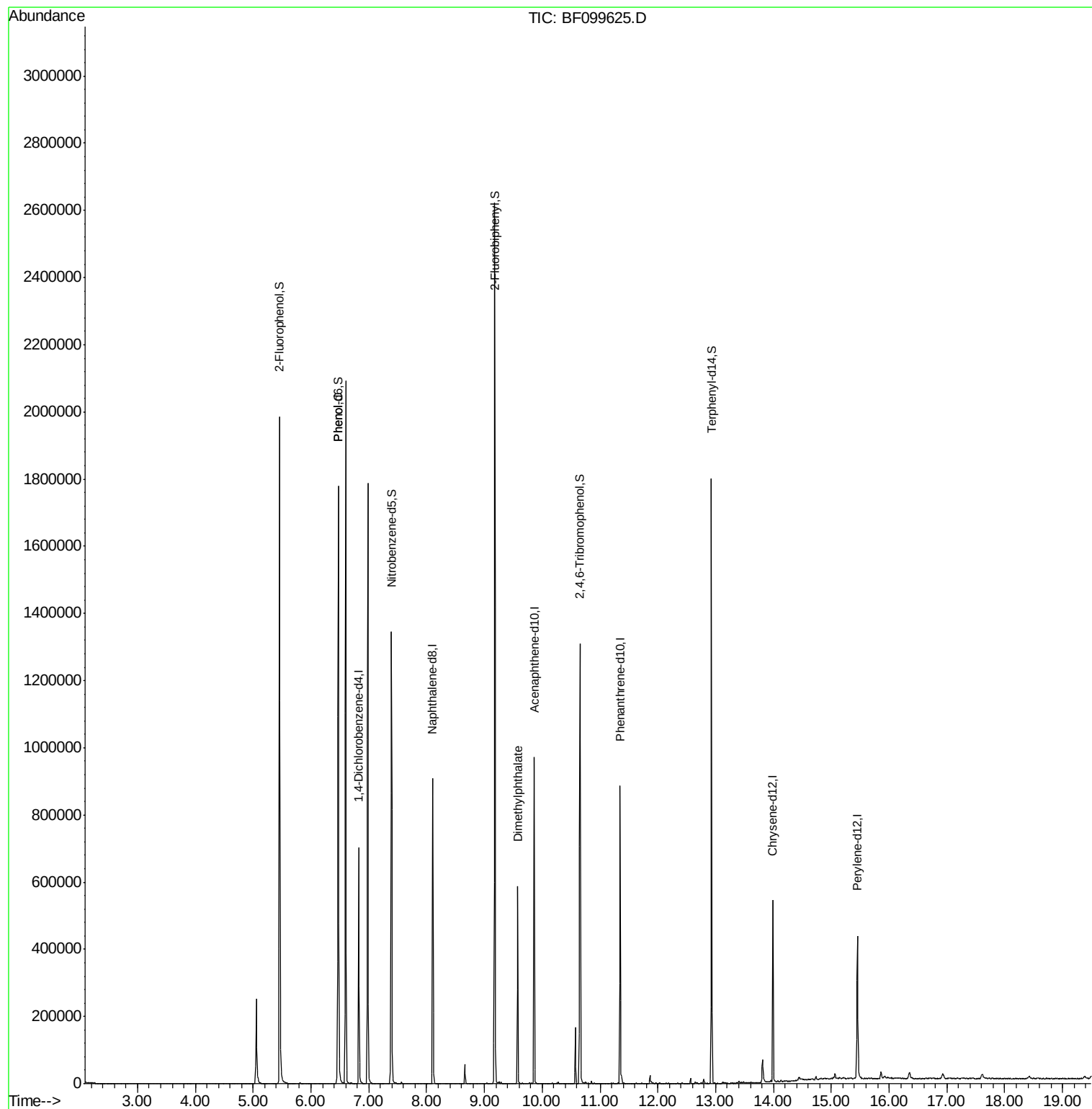
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	108530	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	446242	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	205007	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	332681	20.00	ng	0.00
75) Chrysene-d12	13.99	240	189270	20.00	ng	0.00
86) Perylene-d12	15.45	264	188183	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	623537	91.46	ng	0.00
7) Phenol-d6	6.47	99	756283	89.92	ng	0.00
23) Nitrobenzene-d5	7.39	82	449305	64.57	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	157879	94.11	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	844456	68.77	ng	0.00
78) Terphenyl-d14	12.93	244	575510	69.15	ng	0.00
Target Compounds						
10) Phenol	6.48	94	46469	4.940	ng	94
49) Dimethylphthalate	9.57	163	220083	14.224	ng	98

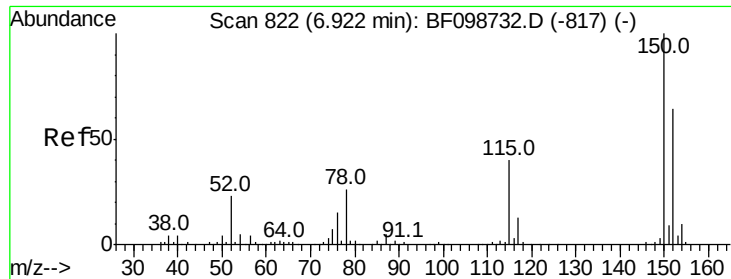
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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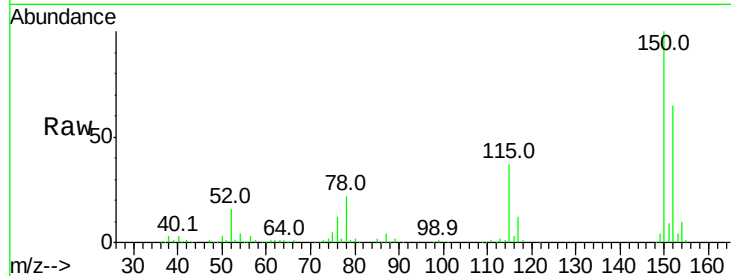


#1

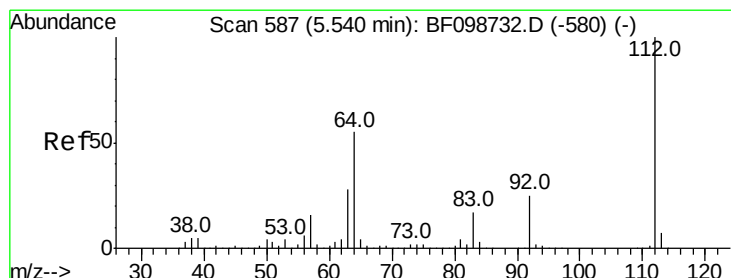
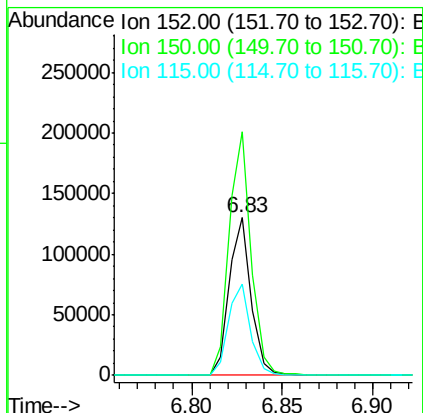
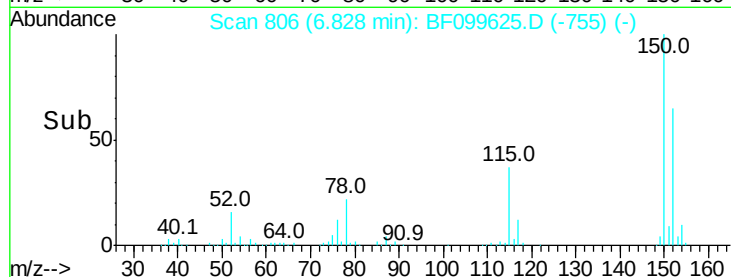
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF099625.D
 Acq: 18 Oct 2017 18:55

Instrument :
 BNA_F
 ClientSampleId :
 ENV-125-11(0-5)

Tot Ion:152 Resp: 108530
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 57.6 50.1 75.1



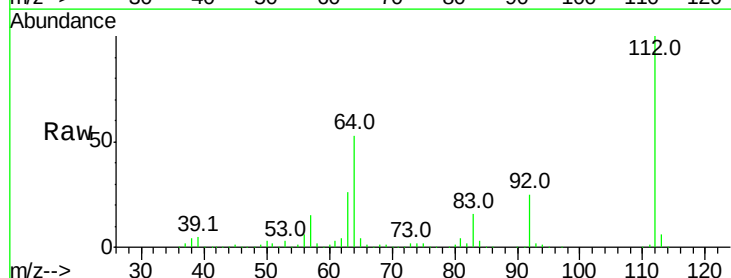
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



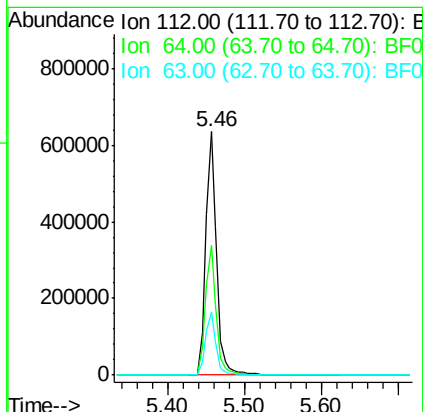
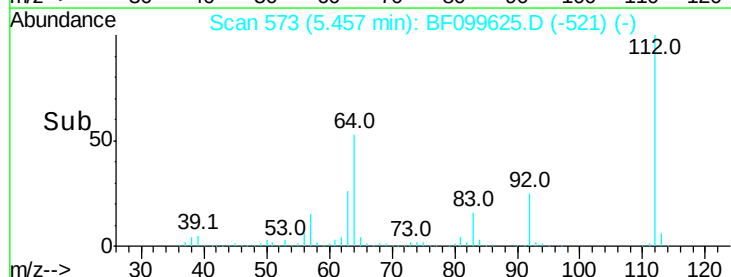
#5

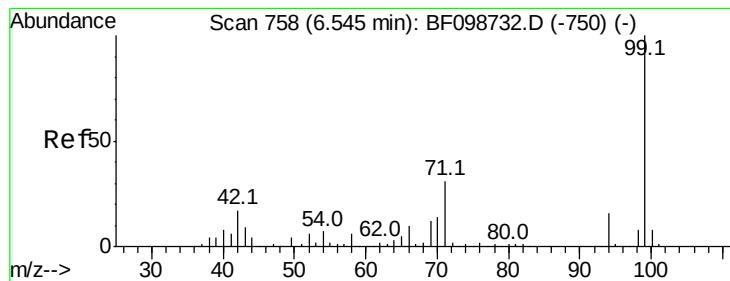
2-Fluorophenol
 Concen: 91.459 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF099625.D
 Acq: 18 Oct 2017 18:55

Tgt Ion:112 Resp: 623537
 Ion Ratio Lower Upper
 112 100
 64 53.4 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: 89.923 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099625.D

Acq: 18 Oct 2017 18:55

Instrument :

BNA_F

ClientSampleId :

ENV-125-11(0-5)

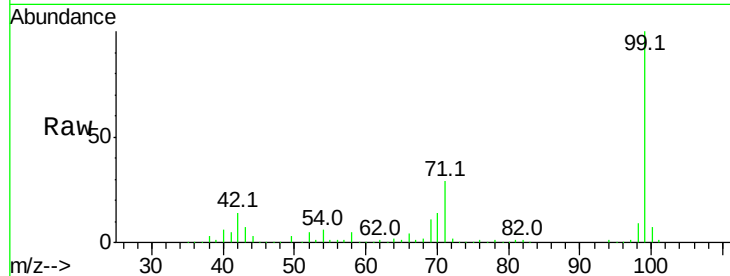
Tot Ion: 99 Resp: 756283

Ion Ratio Lower Upper

99 100

42 14.0 14.5 21.7#

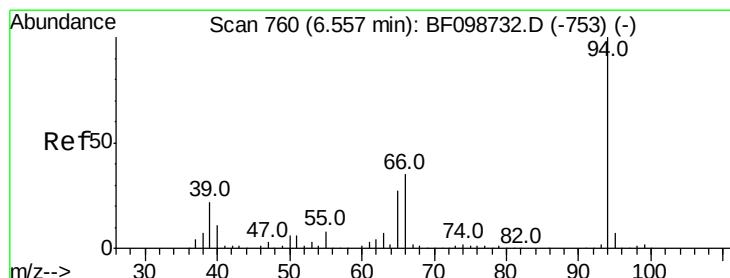
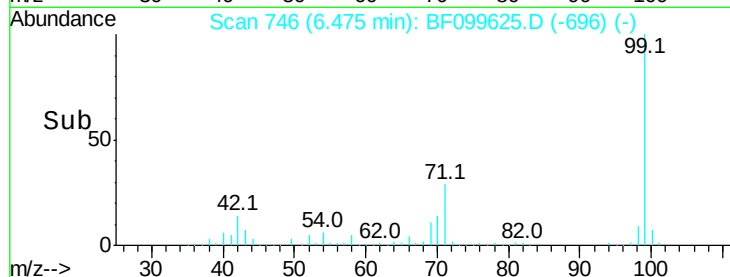
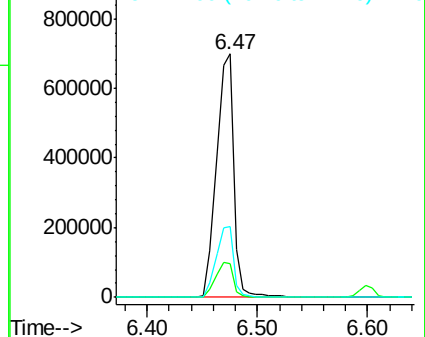
71 28.9 25.4 38.0



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: 4.940 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099625.D

Acq: 18 Oct 2017 18:55

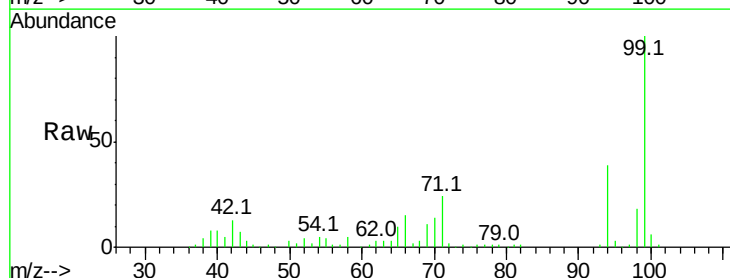
Tgt Ion: 94 Resp: 46469

Ion Ratio Lower Upper

94 100

65 25.2 7.9 47.9

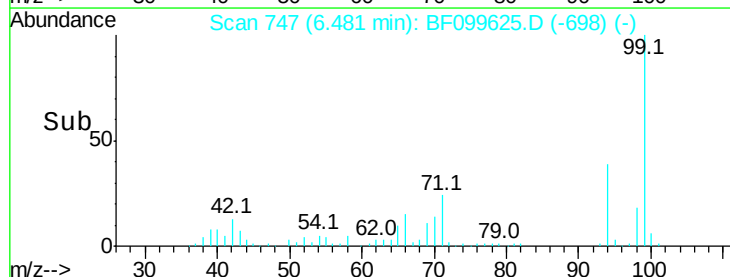
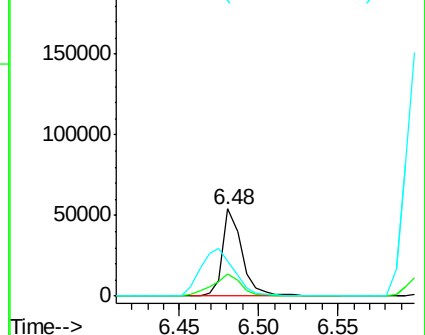
66 39.7 16.2 56.2

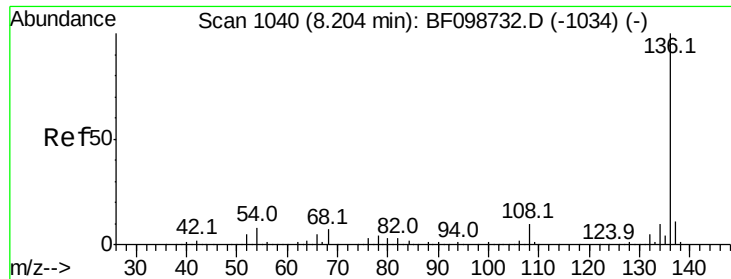


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

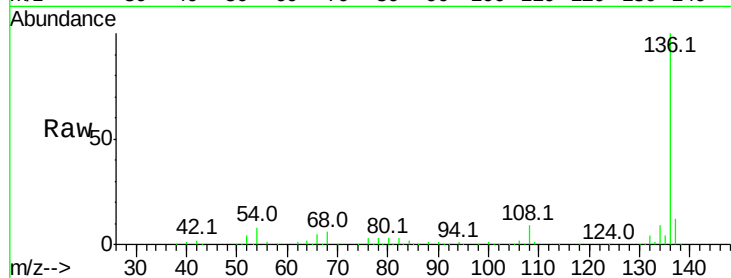




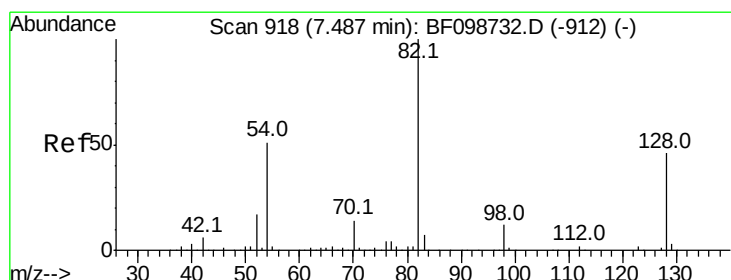
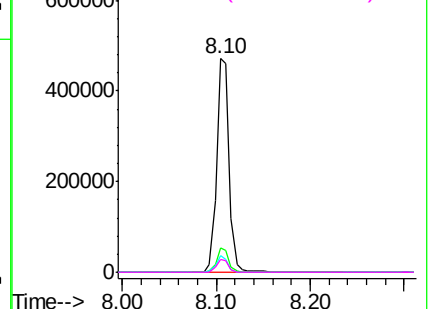
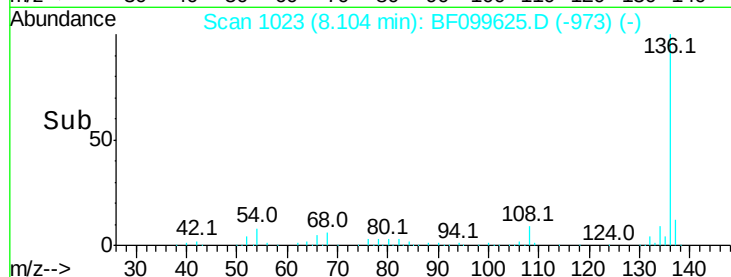
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Instrument :
BNA_F
ClientSampleId :
ENV-125-11(0-5)

Tot Ion:	136	Resp:	446242
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.5	6.6	9.8
68	6.0	5.0	7.4

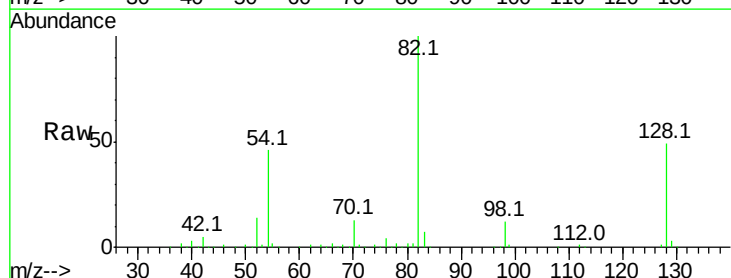


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

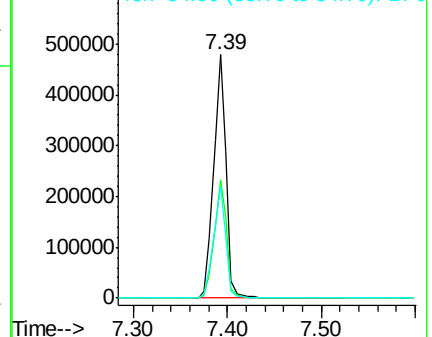
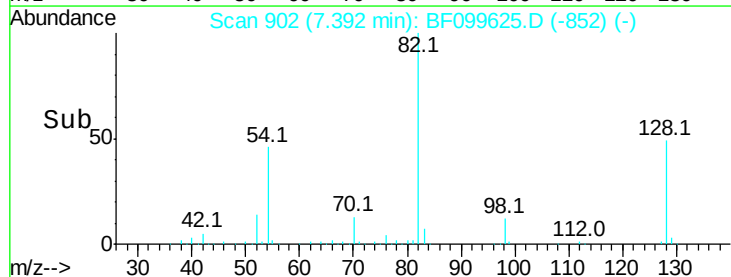


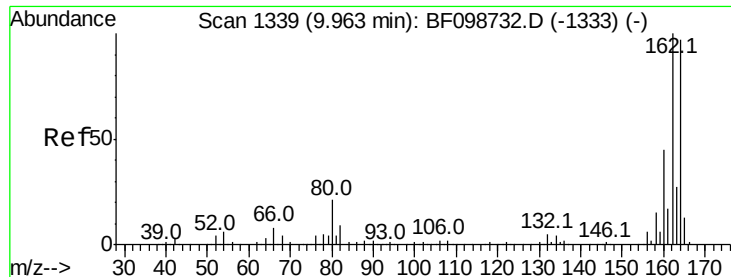
#23
Nitrobenzene-d5
Concen: 64.570 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Tgt Ion:	82	Resp:	449305
Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.1	54.1
54	45.8	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

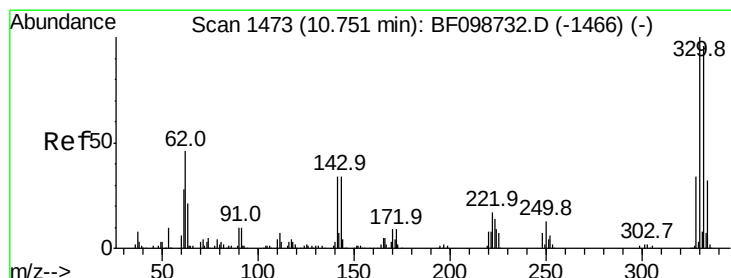
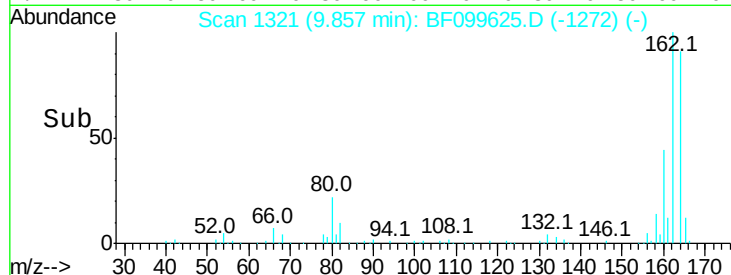
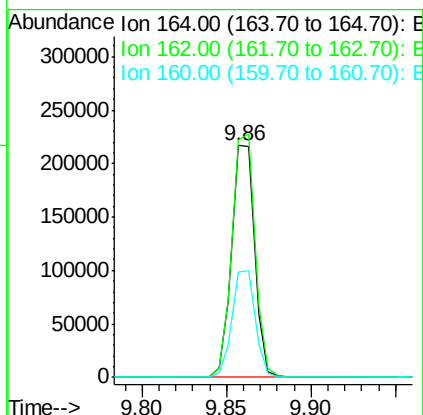
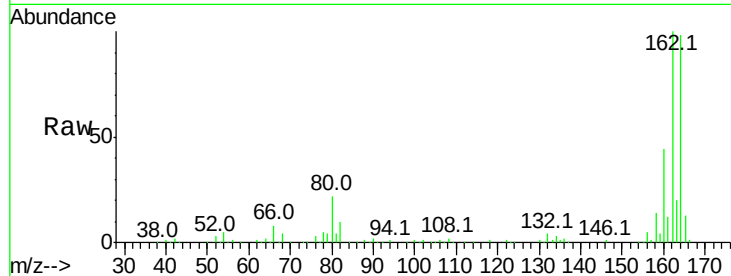




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF099625.D
 Acq: 18 Oct 2017 18:55

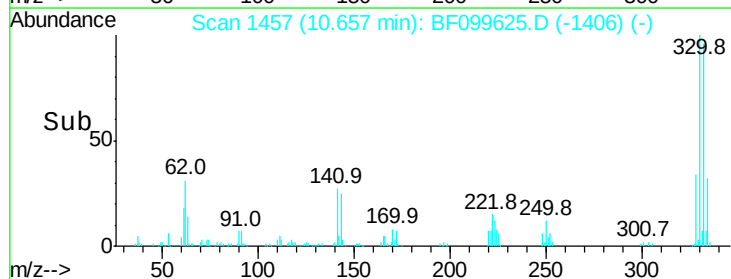
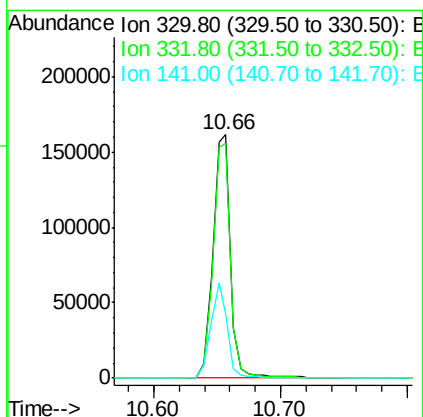
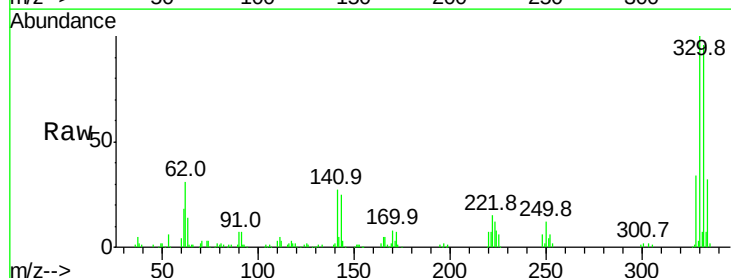
Instrument :
 BNA_F
 ClientSampleId :
 ENV-125-11(0-5)

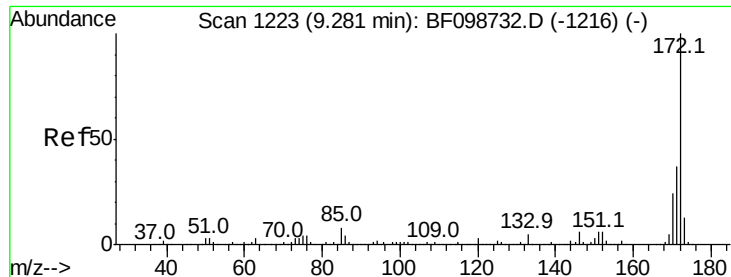
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	45.5	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 94.115 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099625.D
 Acq: 18 Oct 2017 18:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	36.6	29.9	44.9

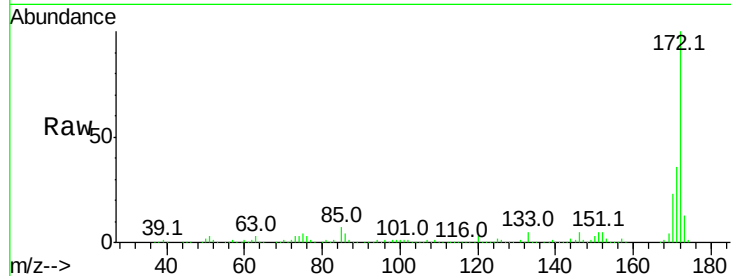




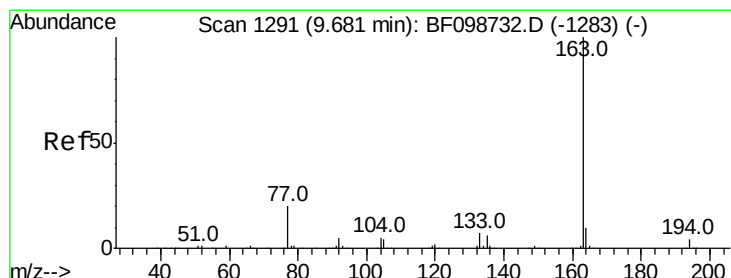
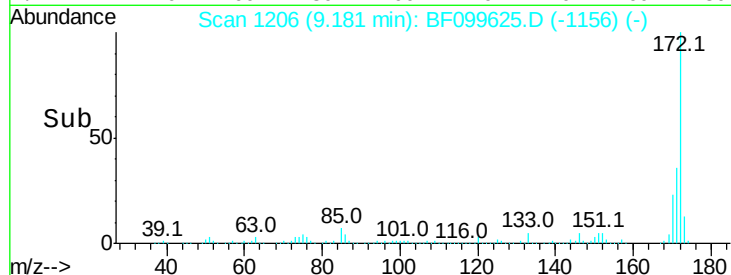
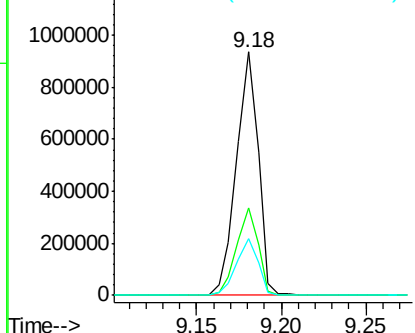
#44
2-Fluorobiphenyl
Concen: 68.766 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Instrument :
BNA_F
ClientSampleId :
ENV-125-11(0-5)

Tot Ion:172 Resp: 844456
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.1 19.6 29.4

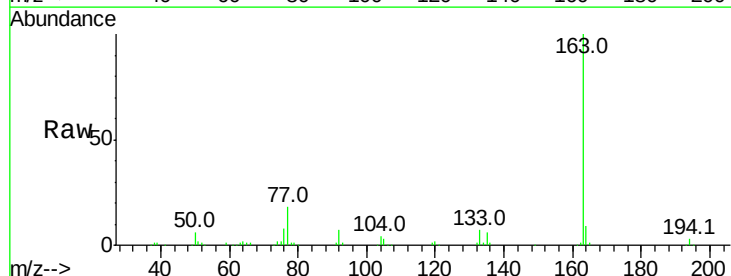


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

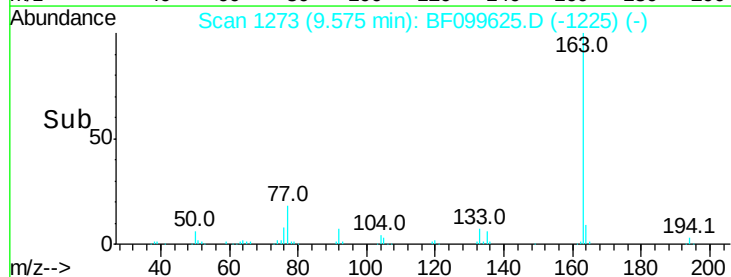
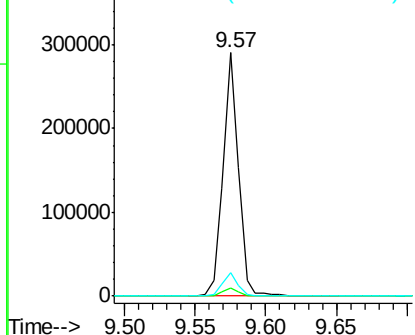


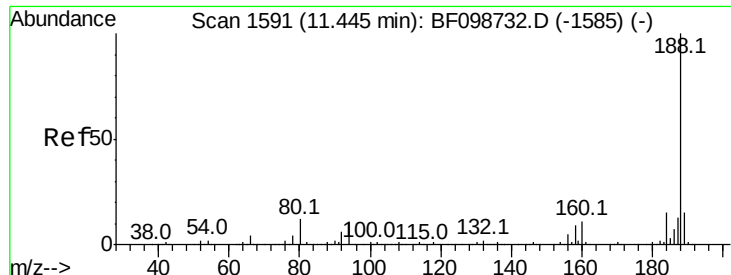
#49
Dimethylphthalate
Concen: 14.224 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Tgt Ion:163 Resp: 220083
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.5 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

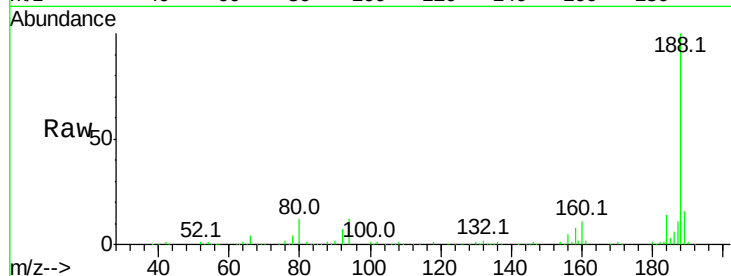




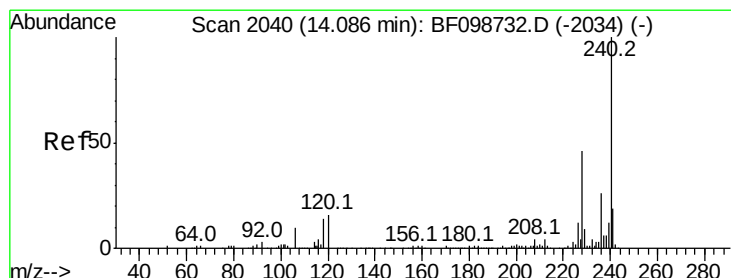
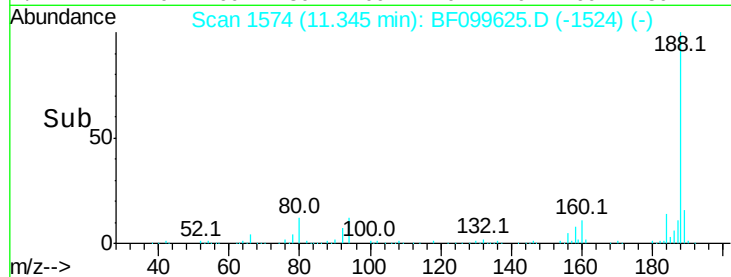
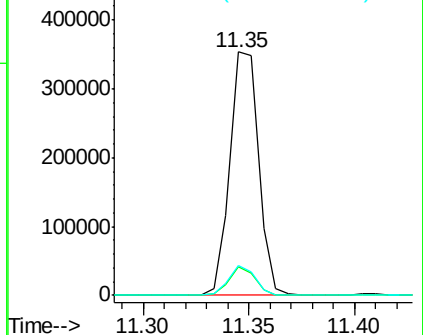
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Instrument :
BNA_F
ClientSampleId :
ENV-125-11(0-5)

Tot Ion:188 Resp: 332681
Ion Ratio Lower Upper
188 100
94 11.9 8.5 12.7
80 12.5 9.2 13.8

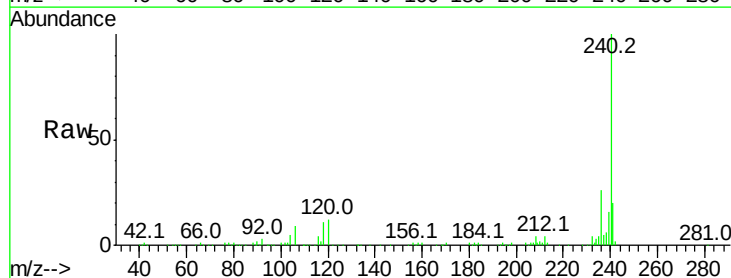


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

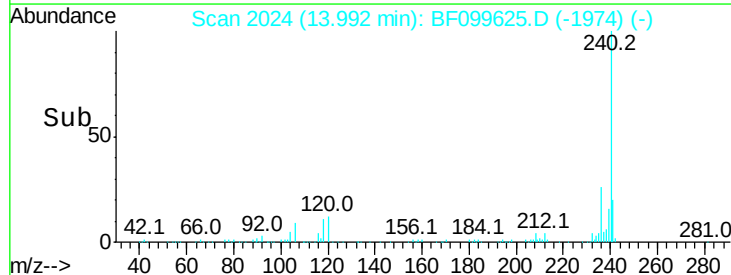
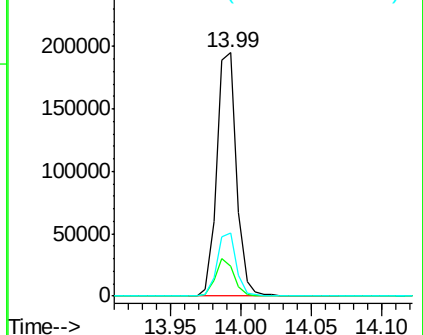


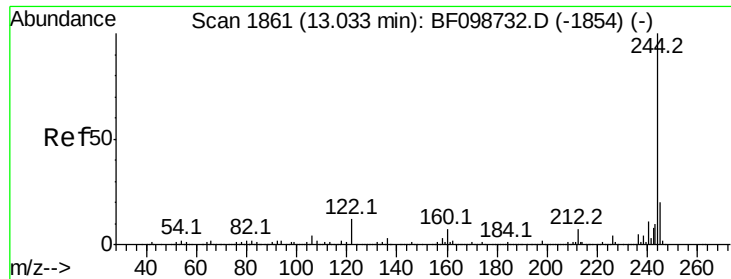
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Tgt Ion:240 Resp: 189270
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 26.2 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

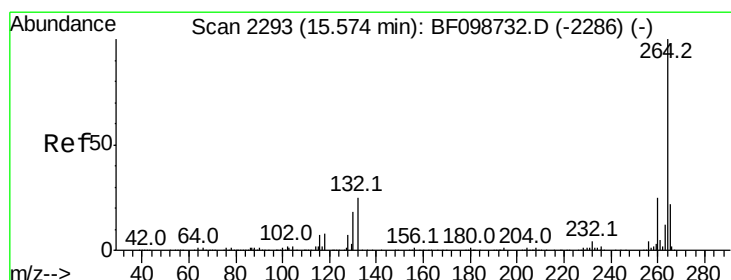
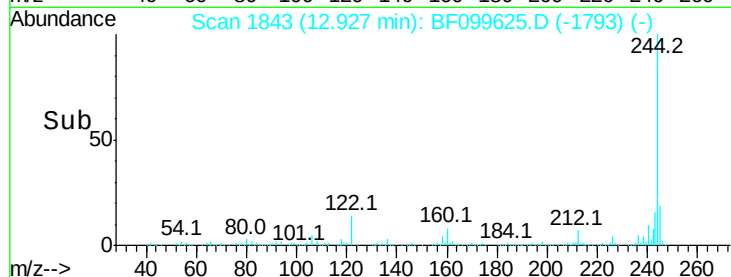
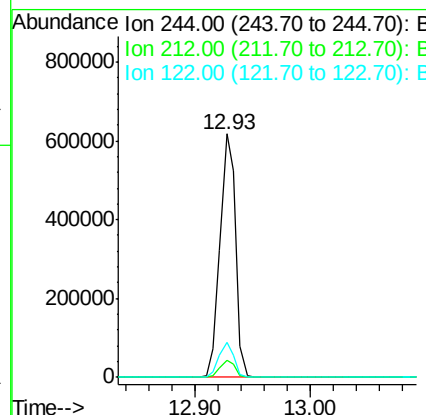
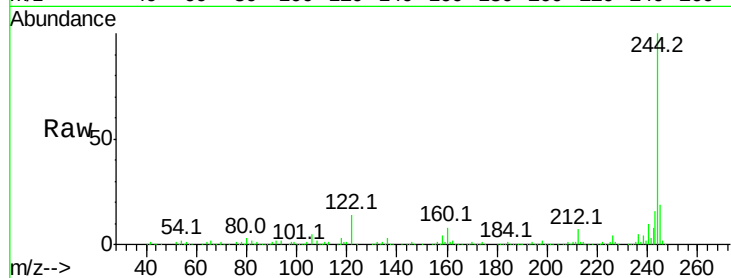




#78
 Terphenyl-d14
 Concen: 69.151 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF099625.D
 Acq: 18 Oct 2017 18:55

Instrument :
 BNA_F
 ClientSampleId :
 ENV-125-11(0-5)

Tot Ion:244 Resp: 575510
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 14.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF099625.D
 Acq: 18 Oct 2017 18:55

Tgt Ion:264 Resp: 188183
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 22.2 17.5 26.3

