

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099626.D
 Acq On : 18 Oct 2017 19:23
 Operator : SJ/JU
 Sample : I5836-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-125-11(5-10)

Quant Time: Oct 18 22:39:47 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

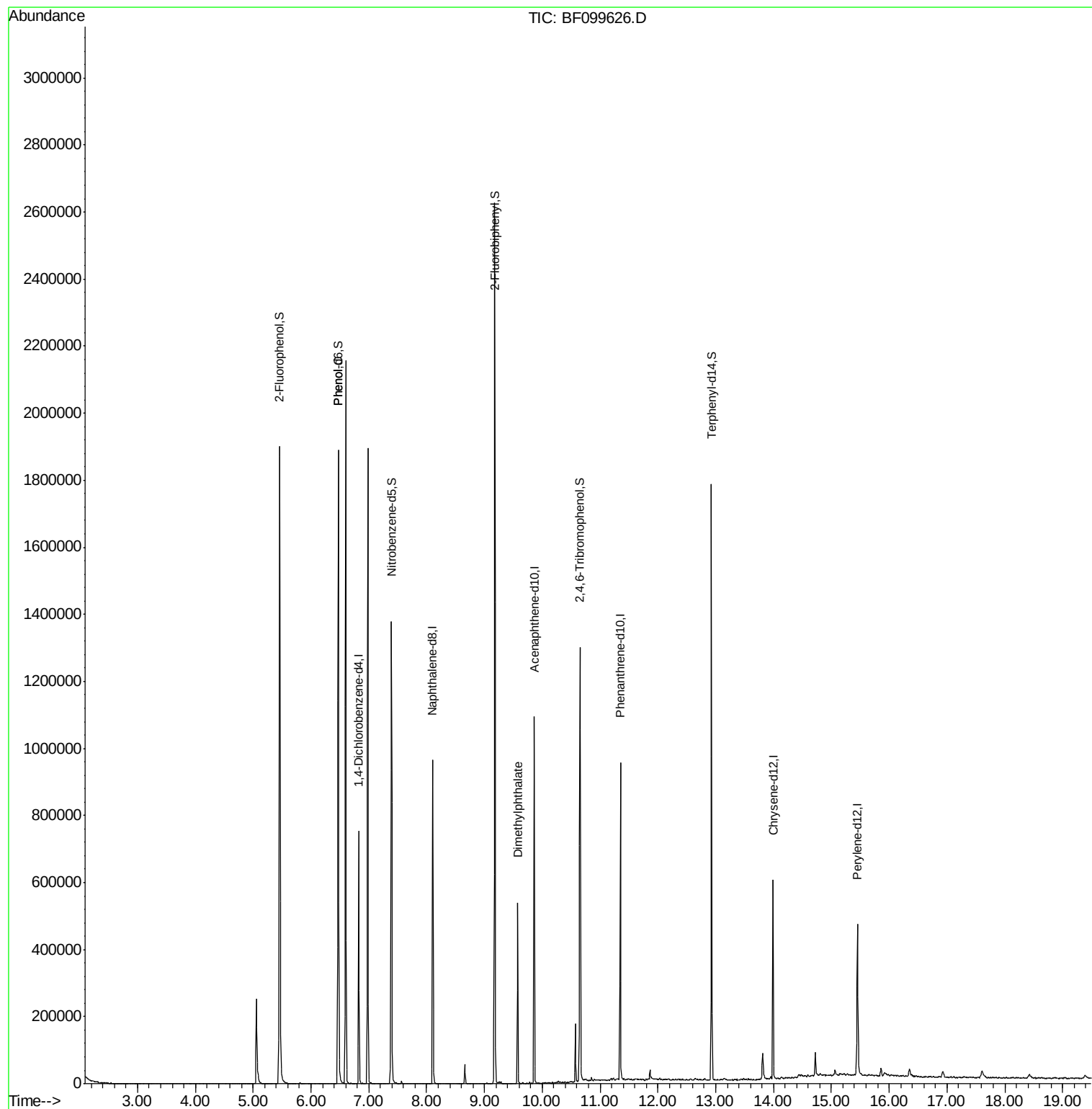
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	112534	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	479372	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	212939	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	342765	20.00	ng	0.00
75) Chrysene-d12	13.99	240	197213	20.00	ng	0.00
86) Perylene-d12	15.46	264	198378	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	658288	93.12	ng	0.01
7) Phenol-d6	6.47	99	797882	91.49	ng	0.00
23) Nitrobenzene-d5	7.39	82	473861	63.39	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	160088	91.88	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	854692	67.01	ng	0.00
78) Terphenyl-d14	12.93	244	557375	64.27	ng	0.00
Target Compounds						
10) Phenol	6.48	94	49463	5.072	ng	95
49) Dimethylphthalate	9.57	163	204623	12.732	ng	99

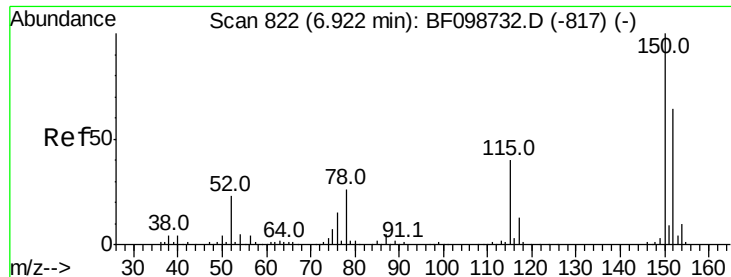
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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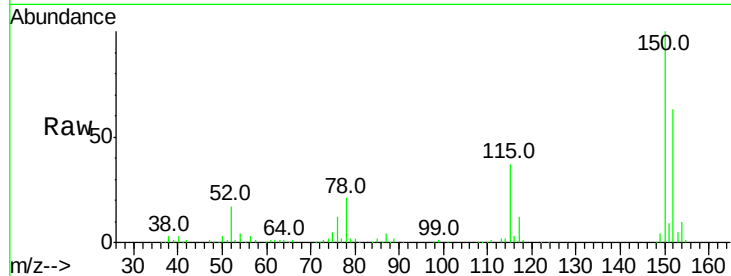


#1

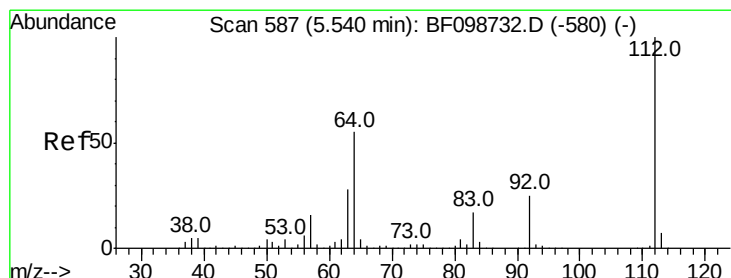
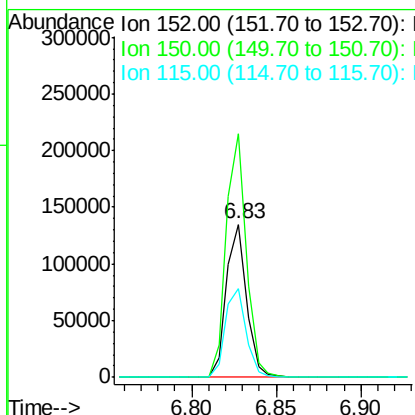
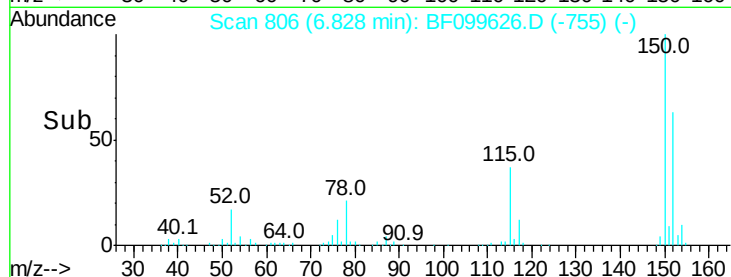
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF099626.D
 Acq: 18 Oct 2017 19:23

Instrument :
 BNA_F
 ClientSampleId :
 ENV-125-11(5-10)

Tot Ion:152 Resp: 112534
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.6 186.8
 115 58.2 50.1 75.1



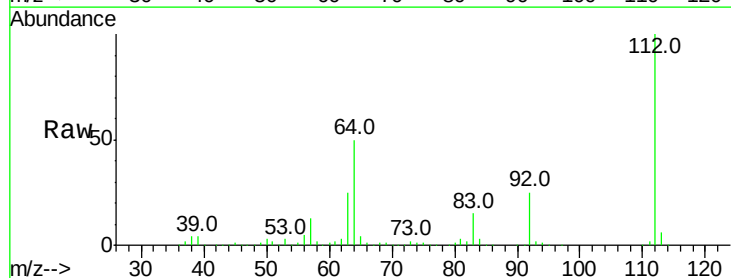
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



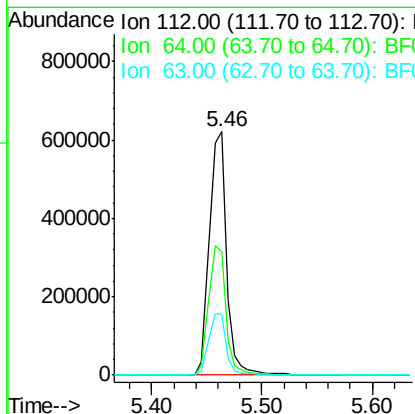
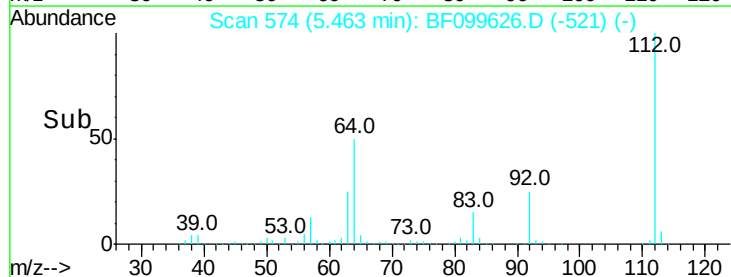
#5

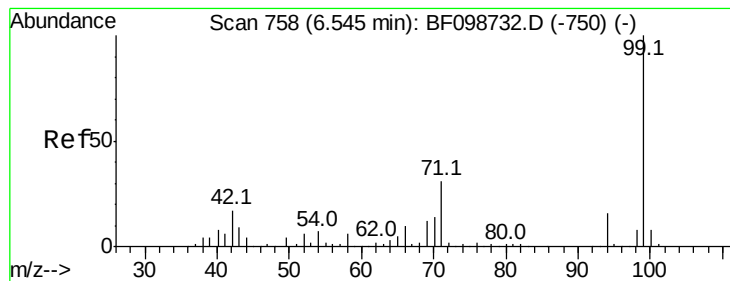
2-Fluorophenol
 Concen: 93.121 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF099626.D
 Acq: 18 Oct 2017 19:23

Tgt Ion:112 Resp: 658288
 Ion Ratio Lower Upper
 112 100
 64 50.5 47.9 71.9
 63 24.7 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: 91.494 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099626.D

Acq: 18 Oct 2017 19:23

Instrument :

BNA_F

ClientSampleId :

ENV-125-11(5-10)

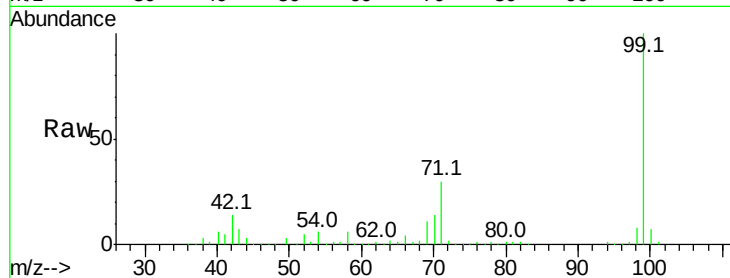
Tot Ion: 99 Resp: 797882

Ion Ratio Lower Upper

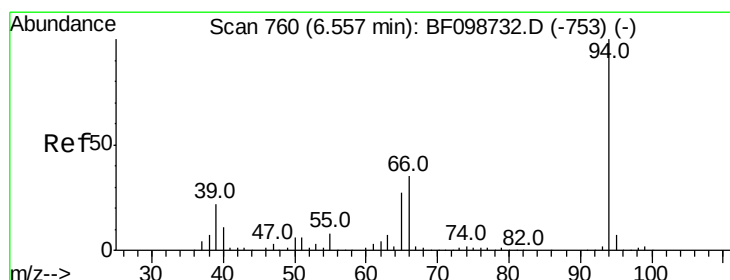
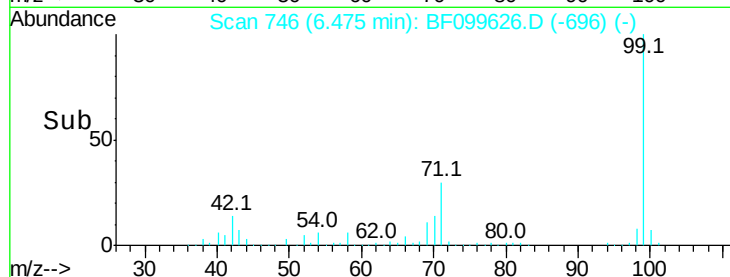
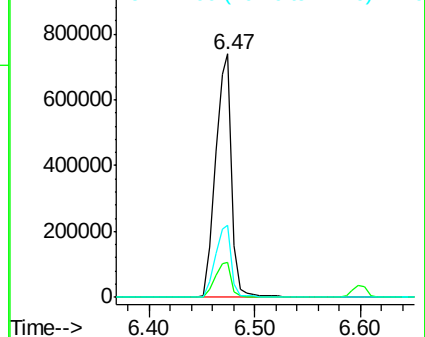
99 100

42 14.2 14.5 21.7#

71 29.8 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: 5.072 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099626.D

Acq: 18 Oct 2017 19:23

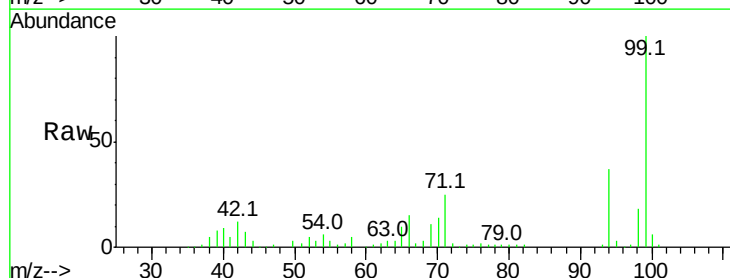
Tgt Ion: 94 Resp: 49463

Ion Ratio Lower Upper

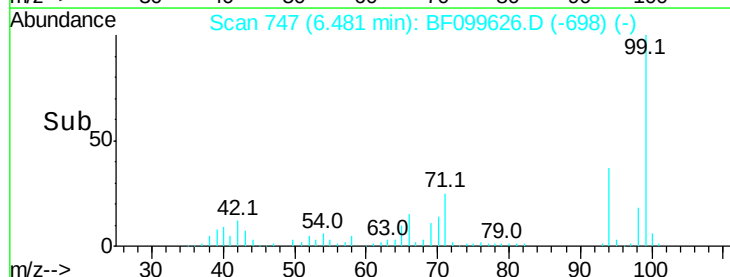
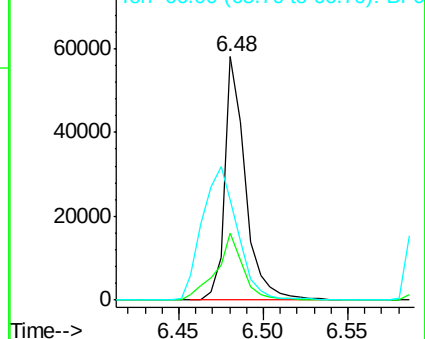
94 100

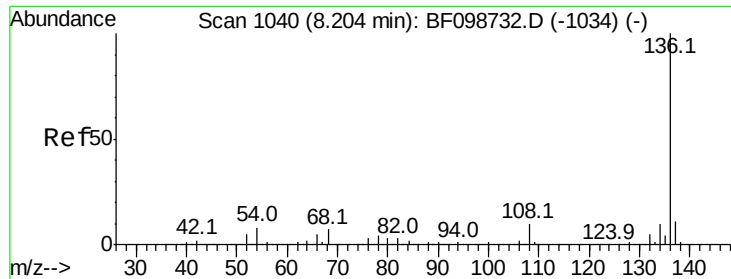
65 27.3 7.9 47.9

66 41.3 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

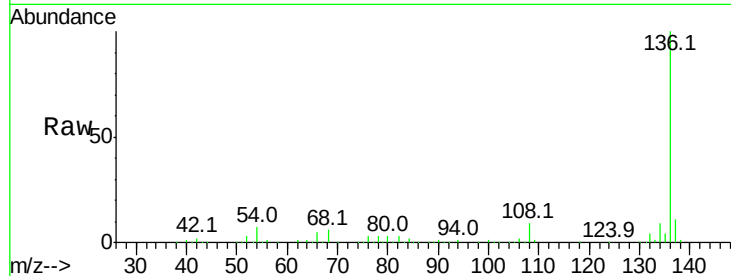




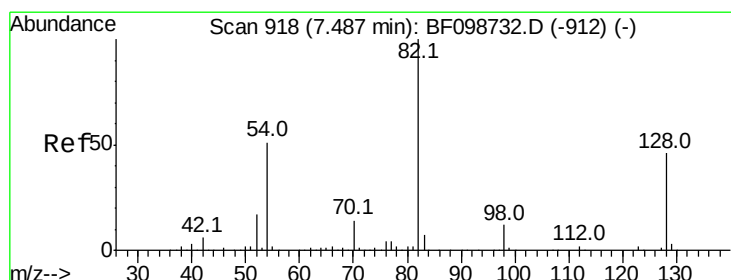
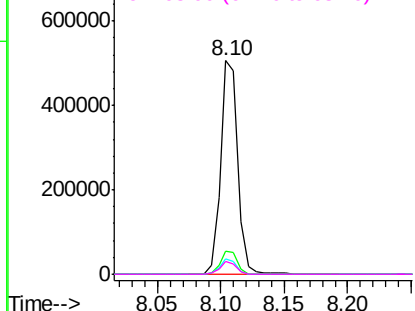
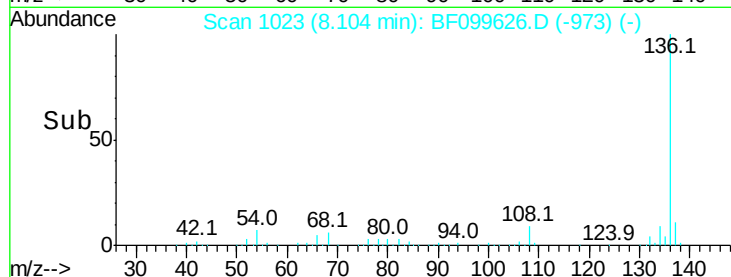
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099626.D
Acq: 18 Oct 2017 19:23

Instrument :
BNA_F
ClientSampleId :
ENV-125-11(5-10)

Tot Ion:	136	Resp:	479372
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.5	6.6	9.8
68	6.0	5.0	7.4

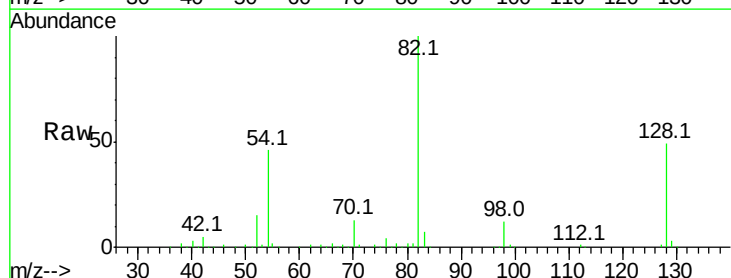


Abundance Ion 136.00 (135.70 to 136.70): BF0
Ion 137.00 (136.70 to 137.70): BF0
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

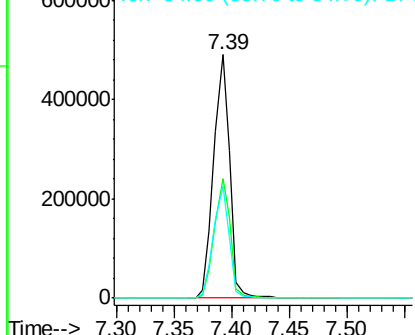
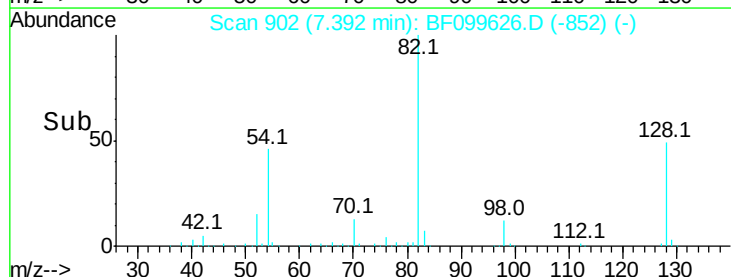


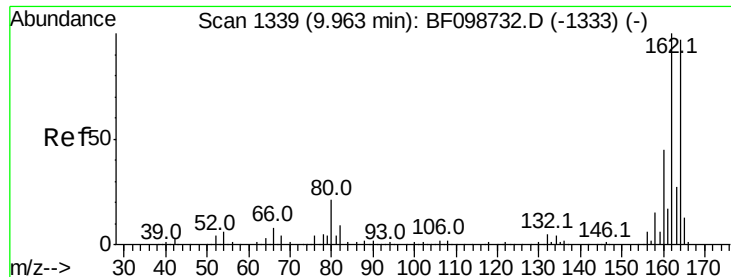
#23
Nitrobenzene-d5
Concen: 63.393 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099626.D
Acq: 18 Oct 2017 19:23

Tgt Ion:	82	Resp:	473861
Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.1	54.1
54	46.0	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

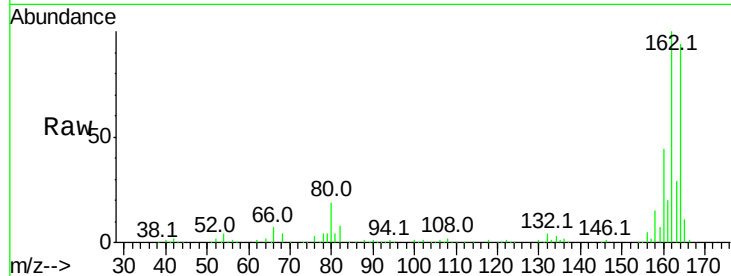




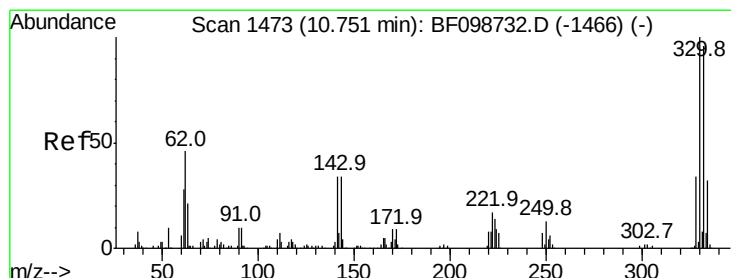
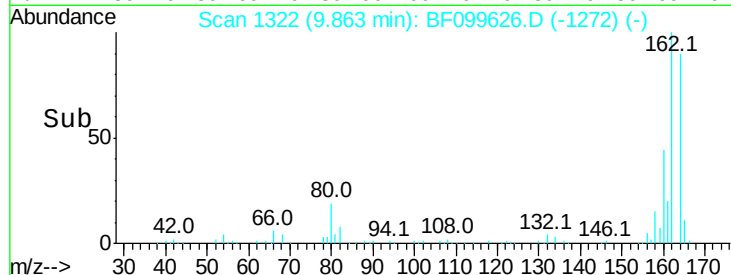
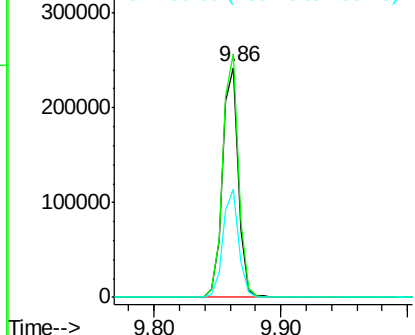
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF099626.D
Acq: 18 Oct 2017 19:23

Instrument :
BNA_F
ClientSampleId :
ENV-125-11(5-10)

Tot Ion:164 Resp: 212939
Ion Ratio Lower Upper
164 100
162 106.0 86.1 129.1
160 46.8 38.3 57.5

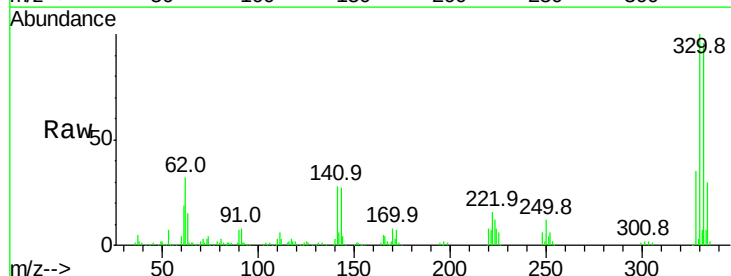


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

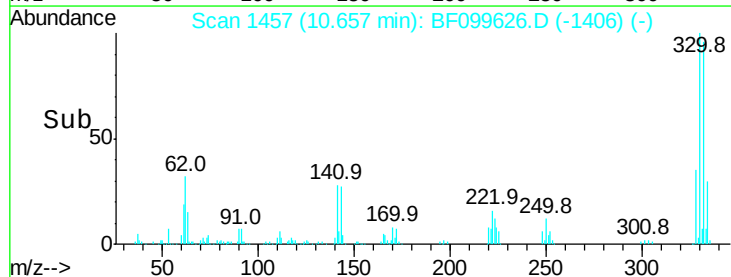
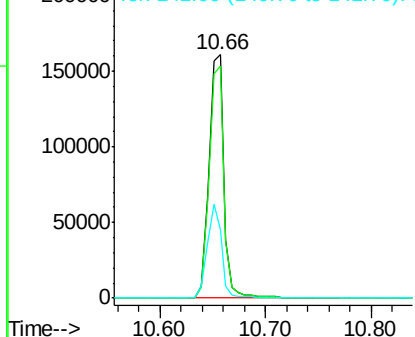


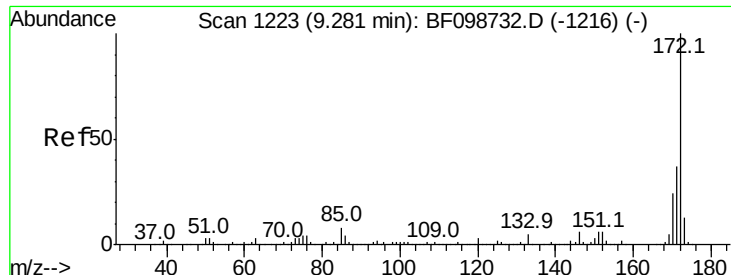
#41
2,4,6-Tribromophenol
Concen: 91.877 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF099626.D
Acq: 18 Oct 2017 19:23

Tgt Ion:330 Resp: 160088
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 36.5 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

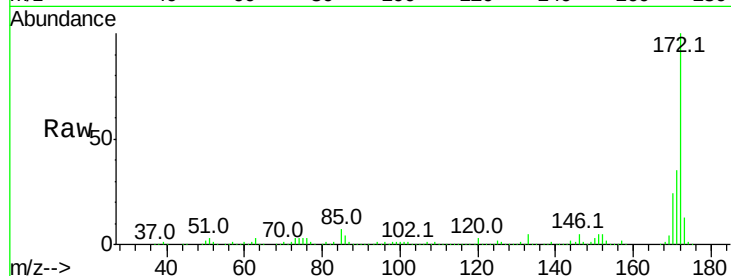




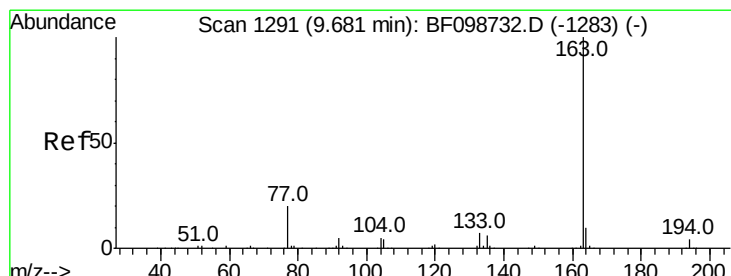
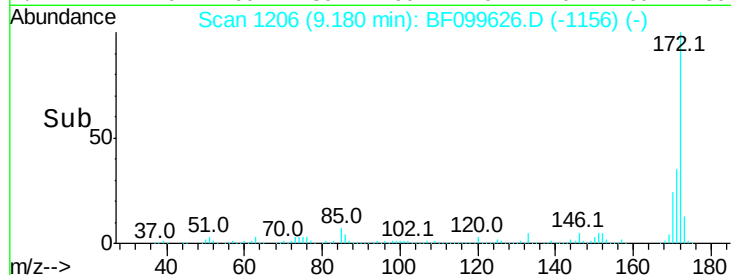
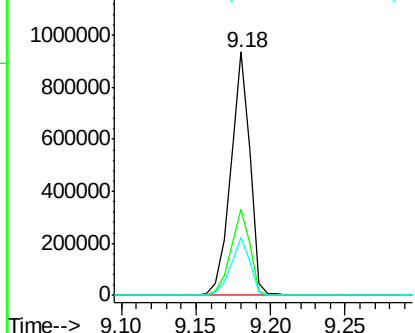
#44
 2-Fluorobiphenyl
 Concen: 67.007 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099626.D
 Acq: 18 Oct 2017 19:23

Instrument :
 BNA_F
 ClientSampleId :
 ENV-125-11(5-10)

Tot Ion:172 Resp: 854692
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.8 19.6 29.4

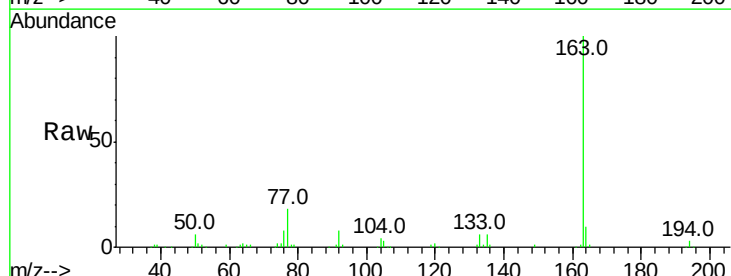


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

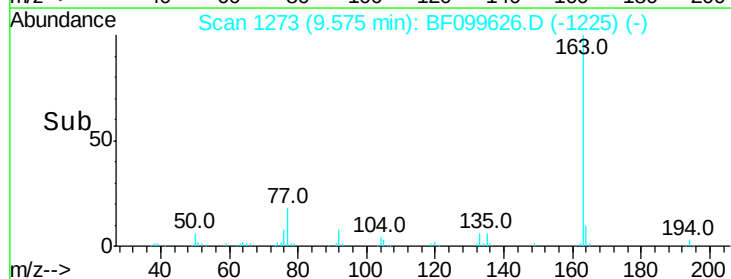
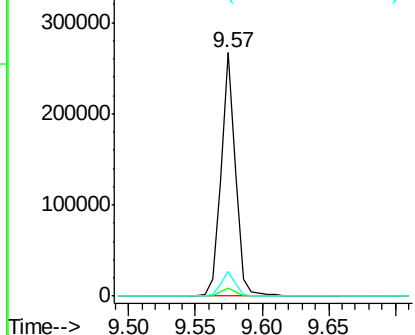


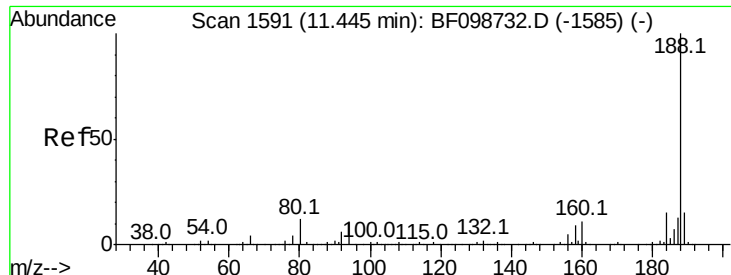
#49
 Dimethylphthalate
 Concen: 12.732 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: BF099626.D
 Acq: 18 Oct 2017 19:23

Tgt Ion:163 Resp: 204623
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.7 4.1
 164 9.9 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

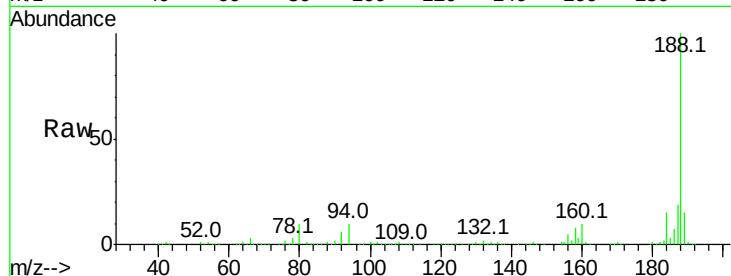




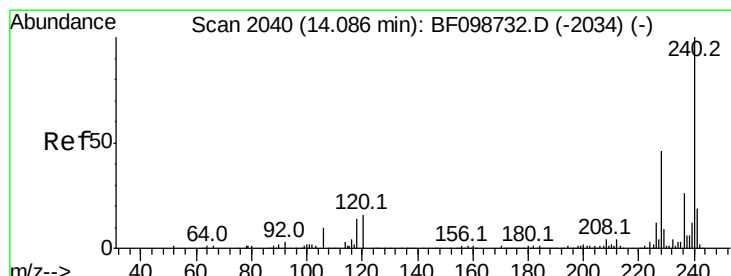
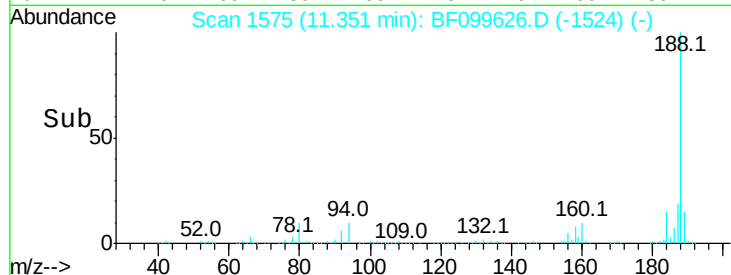
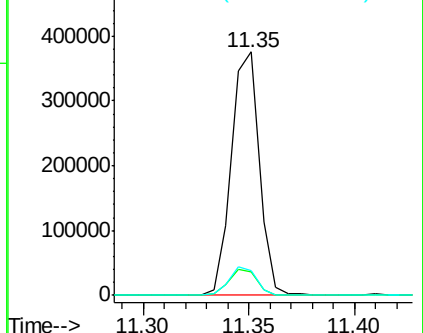
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099626.D
Acq: 18 Oct 2017 19:23

Instrument :
BNA_F
ClientSampleId :
ENV-125-11(5-10)

Tot Ion:188 Resp: 342765
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.1 9.2 13.8

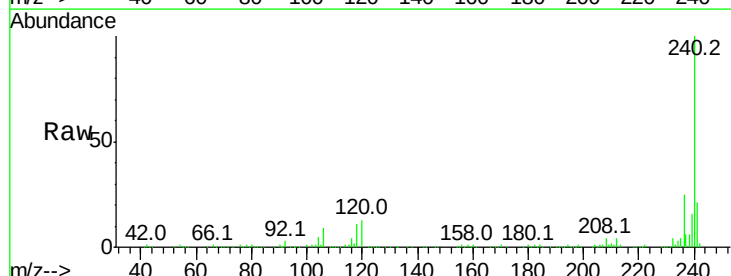


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

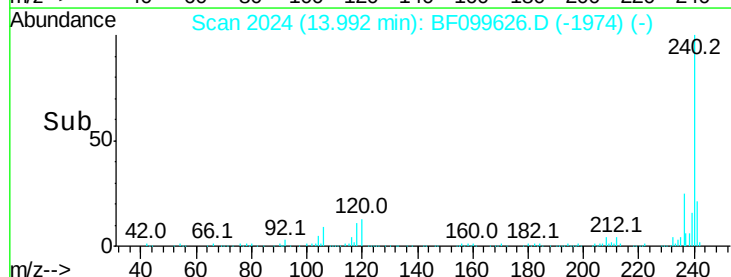
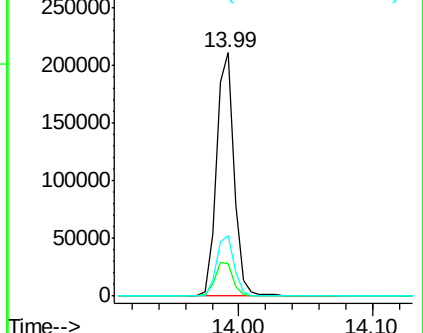


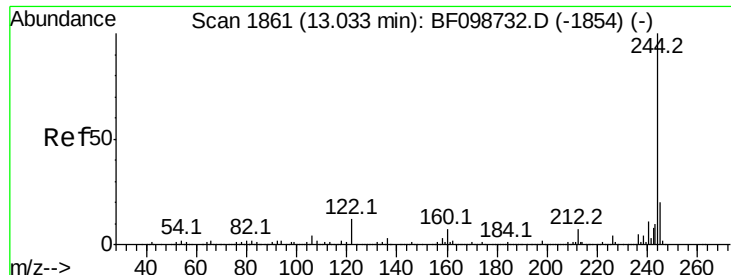
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099626.D
Acq: 18 Oct 2017 19:23

Tgt Ion:240 Resp: 197213
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 25.1 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: 64.275 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF099626.D

Acq: 18 Oct 2017 19:23

Instrument :

BNA_F

ClientSampleId :

ENV-125-11(5-10)

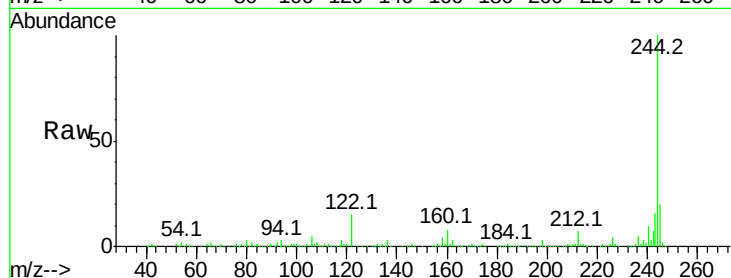
Tot Ion:244 Resp: 557375

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

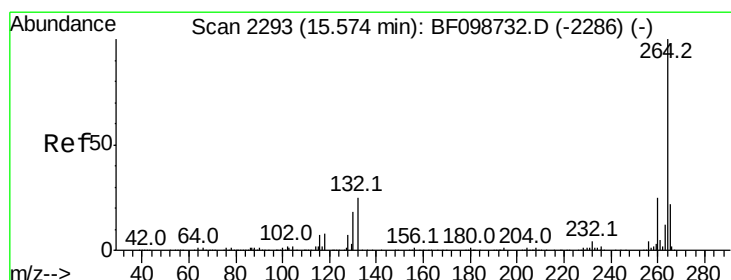
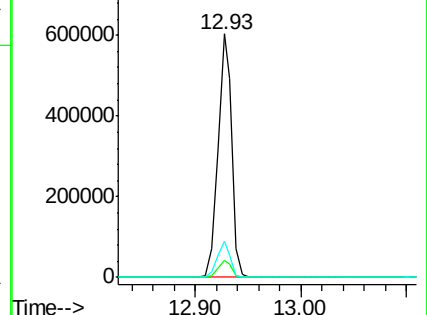
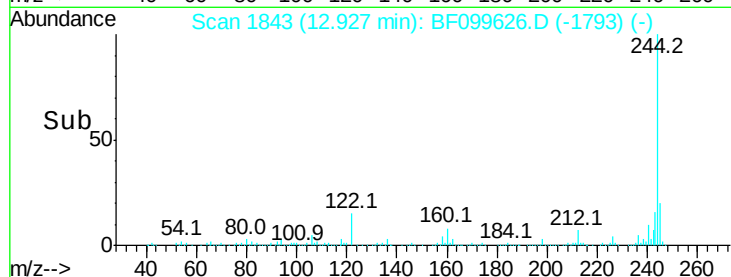
122 15.0 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF099626.D

Acq: 18 Oct 2017 19:23

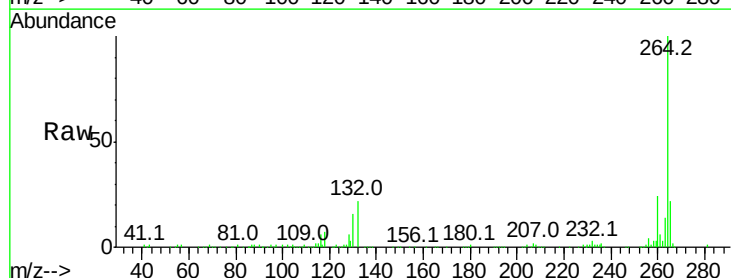
Tgt Ion:264 Resp: 198378

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.8 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

