

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
 Data File : BF101463.D
 Acq On : 16 Dec 2017 00:22
 Operator : SJ/JU
 Sample : I6888-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-122-2(45-47)

Quant Time: Dec 16 02:40:45 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

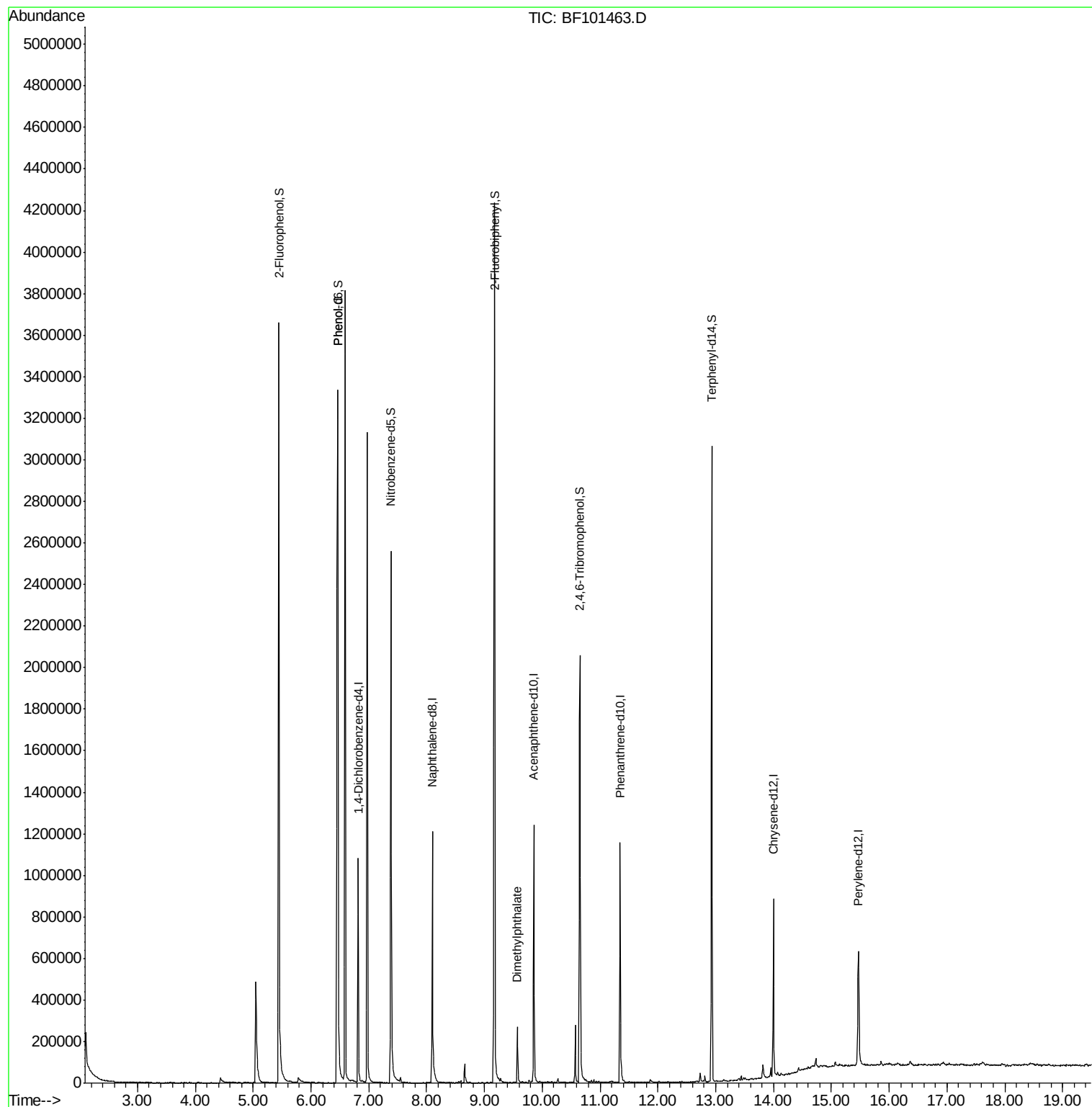
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	158962	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	634140	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	266218	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	458279	20.00	ng	0.00
75) Chrysene-d12	14.00	240	313523	20.00	ng	0.00
86) Perylene-d12	15.47	264	292703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1228155	115.09	ng	0.02
7) Phenol-d6	6.46	99	1508938	113.61	ng	0.00
23) Nitrobenzene-d5	7.39	82	947589	83.18	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	299723	116.84	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1495664	87.15	ng	0.00
78) Terphenyl-d14	12.93	244	1132236	87.06	ng	0.00
Target Compounds						
10) Phenol	6.47	94	81181	5.363	ng	Qvalue 84
49) Dimethylphthalate	9.57	163	128867	6.018	ng	99

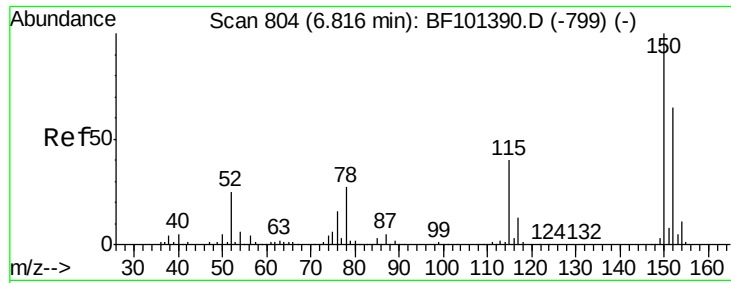
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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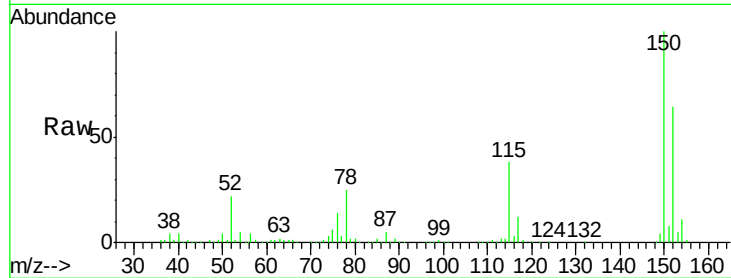




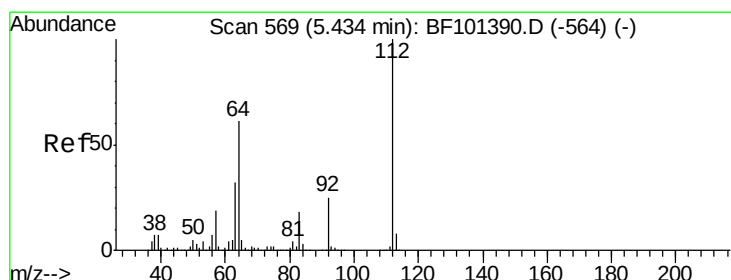
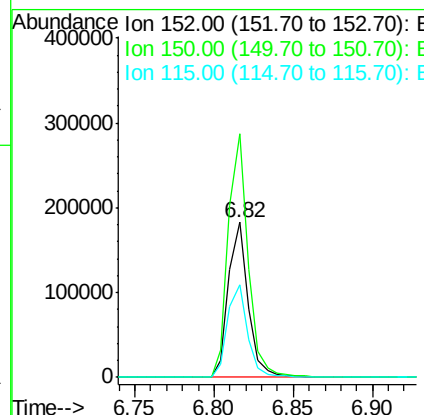
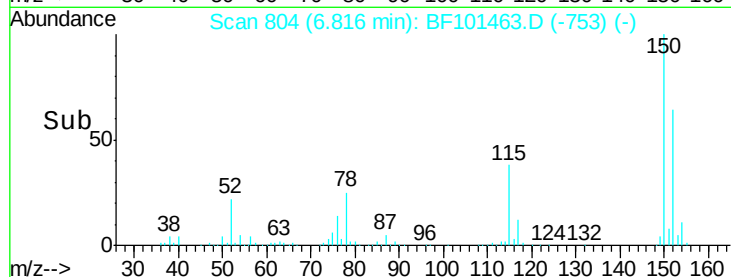
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF101463.D
 Acq: 16 Dec 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :
 EPE-122-2(45-47)

Tgt Ion:152 Resp: 158962
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 186.8
 115 59.8 50.1 75.1

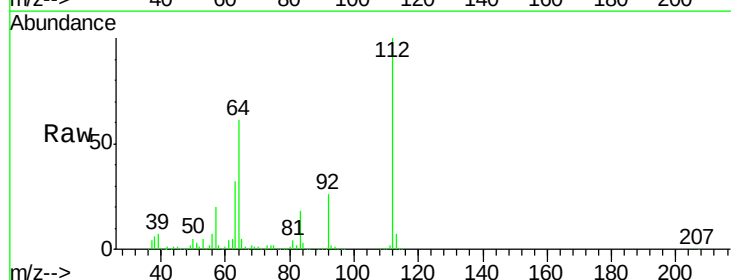


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

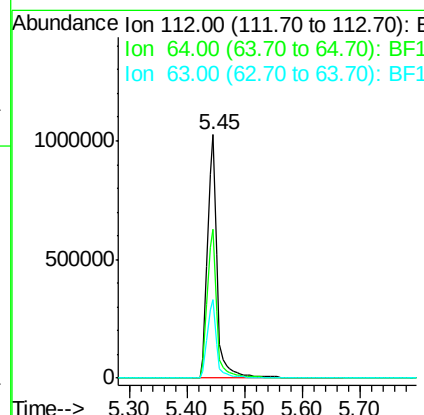
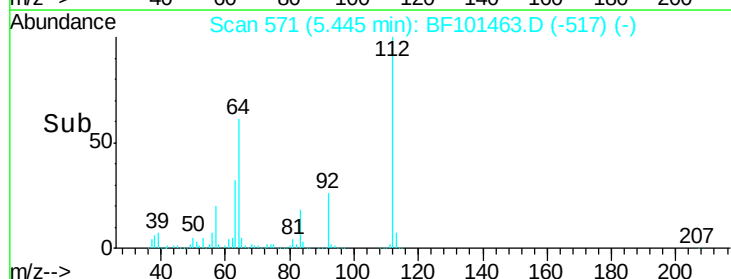


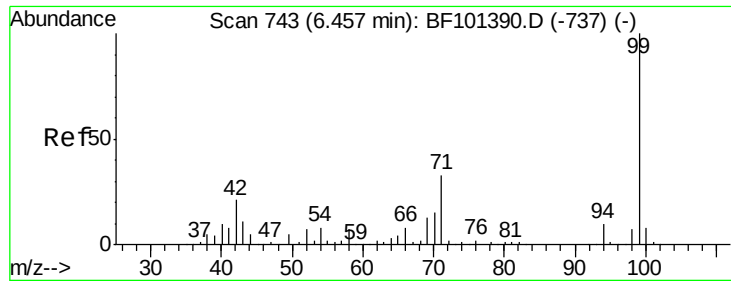
#5
 2-Fluorophenol
 Concen: 115.086 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.02 min
 Lab File: BF101463.D
 Acq: 16 Dec 2017 00:22

Tgt Ion:112 Resp: 1228155
 Ion Ratio Lower Upper
 112 100
 64 61.3 47.9 71.9
 63 32.3 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: 113.614 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101463.D

Acq: 16 Dec 2017 00:22

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(45-47)

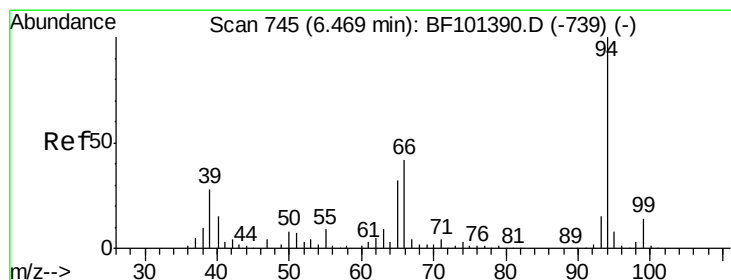
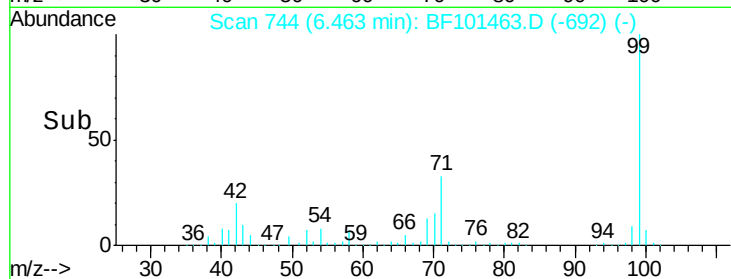
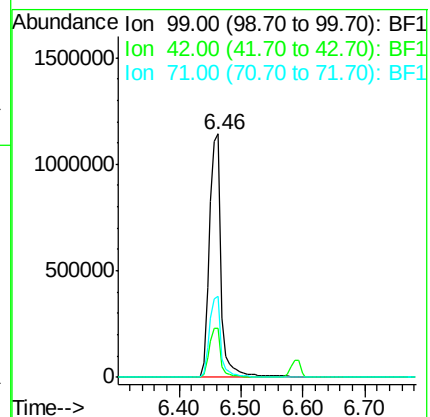
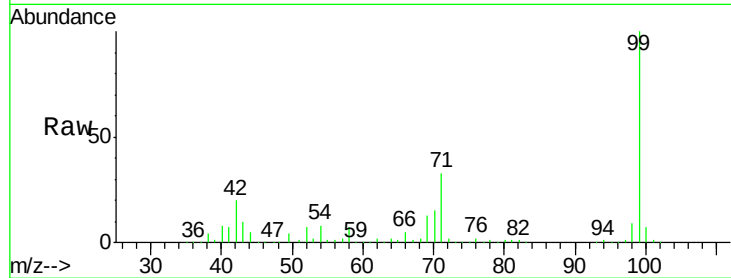
Tgt Ion: 99 Resp: 1508938

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 33.2 25.4 38.0



#10

Phenol

Concen: 5.363 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF101463.D

Acq: 16 Dec 2017 00:22

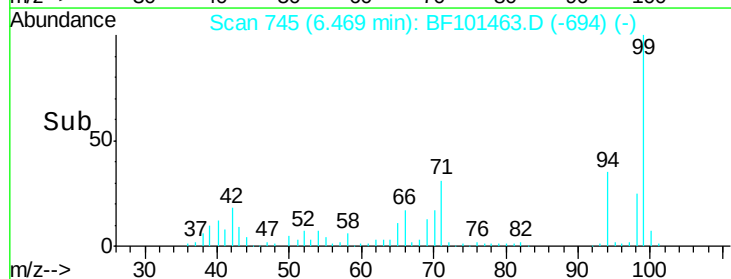
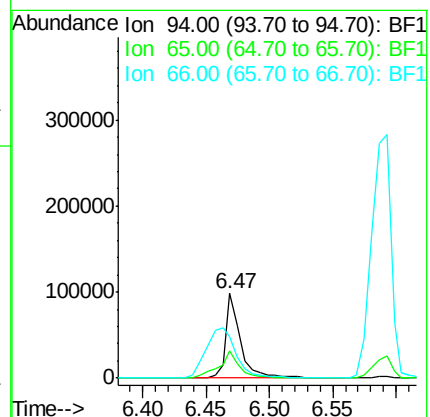
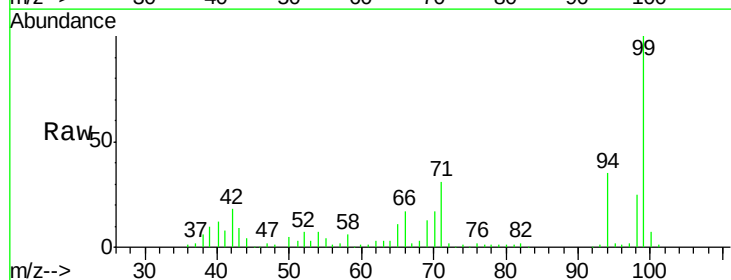
Tgt Ion: 94 Resp: 81181

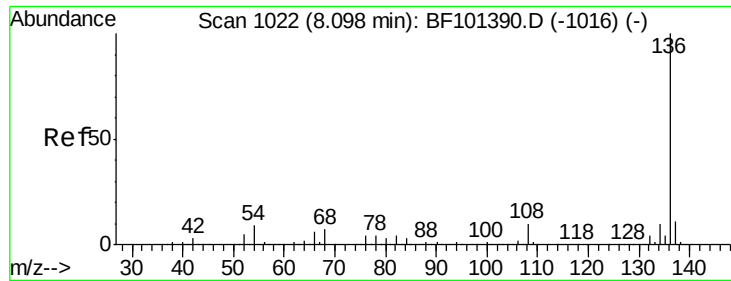
Ion Ratio Lower Upper

94 100

65 31.9 7.9 47.9

66 49.1 16.2 56.2

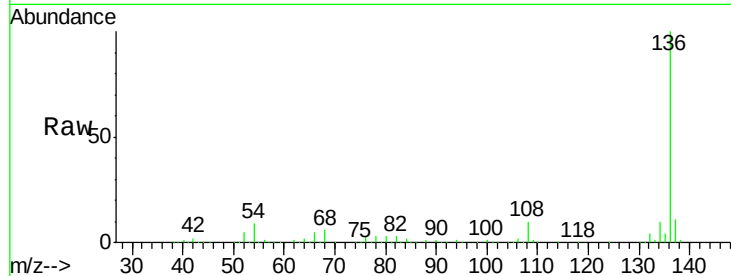




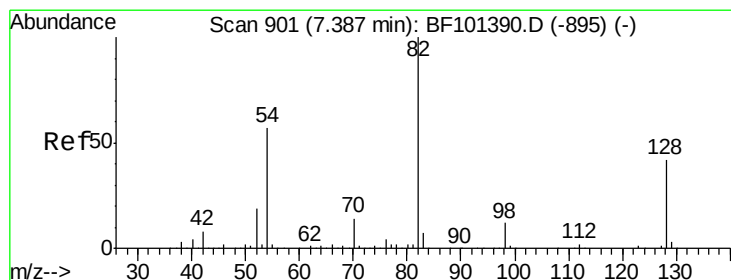
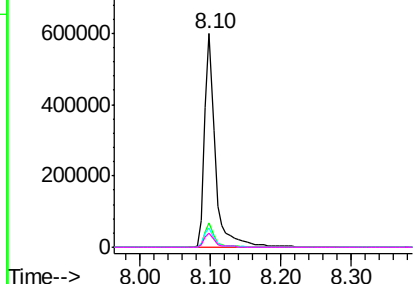
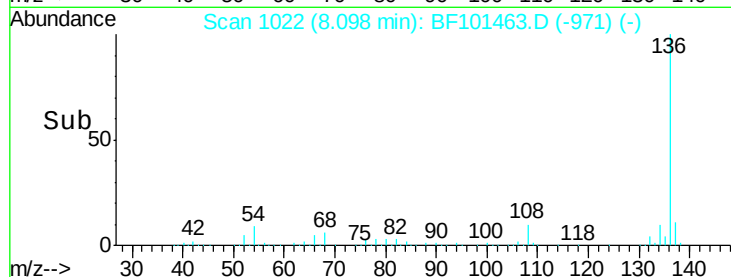
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF101463.D
Acq: 16 Dec 2017 00:22

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(45-47)

Tgt Ion:	136	Resp:	634140
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.7	6.6	9.8
68	6.5	5.0	7.4

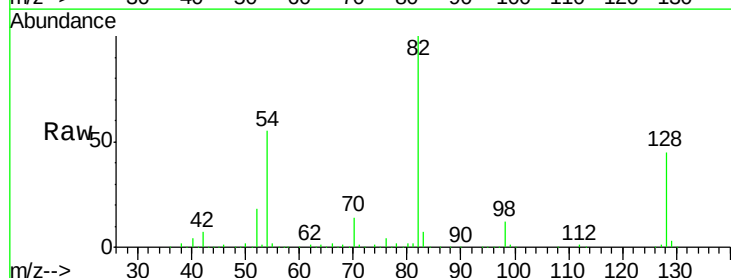


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

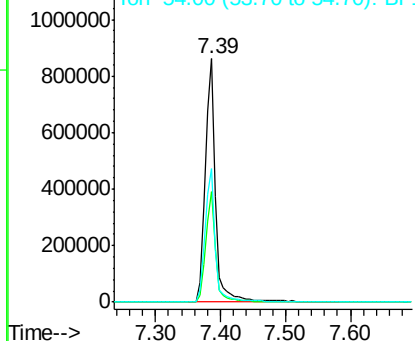
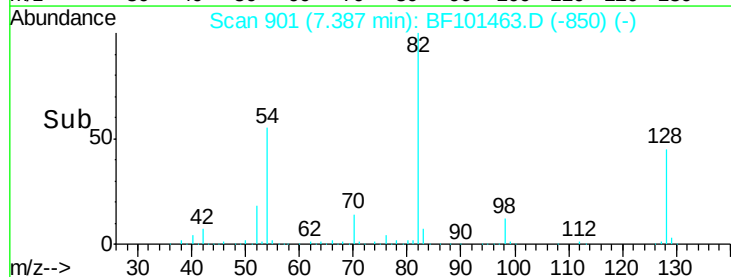


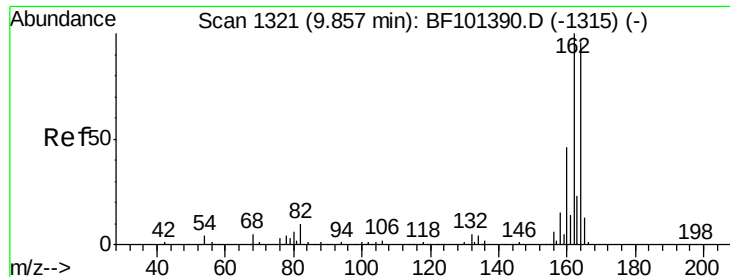
#23
Nitrobenzene-d5
Concen: 83.181 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF101463.D
Acq: 16 Dec 2017 00:22

Tgt Ion:	82	Resp:	947589
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	54.6	41.4	62.2



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF101463.D

Acq: 16 Dec 2017 00:22

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(45-47)

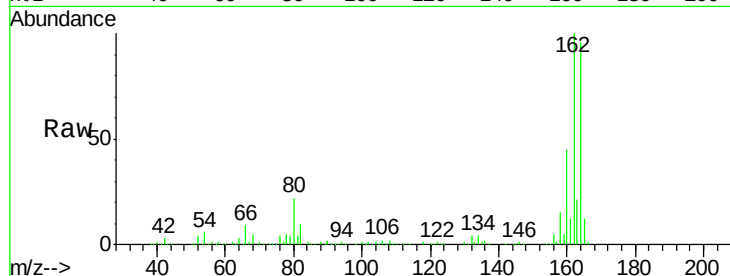
Tgt Ion:164 Resp: 266218

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

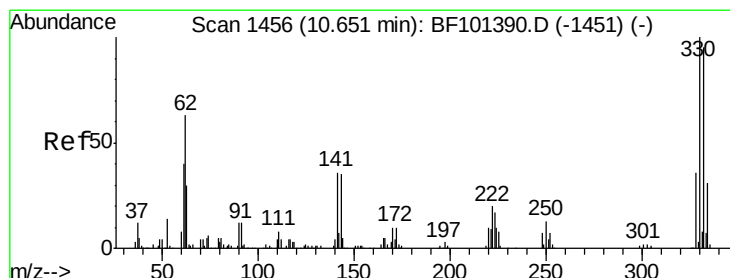
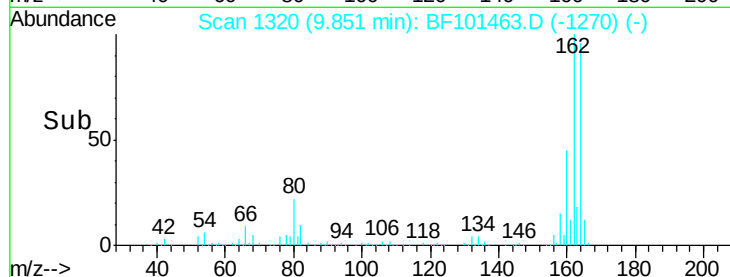
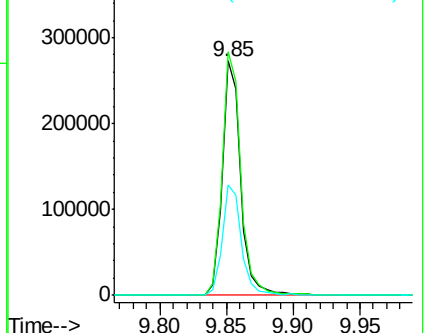
160 47.0 38.3 57.5



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: 116.841 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BF101463.D

Acq: 16 Dec 2017 00:22

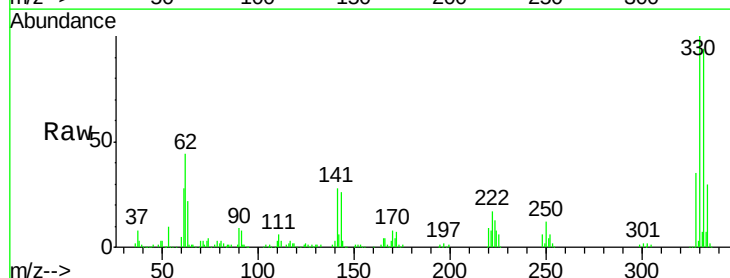
Tgt Ion:330 Resp: 299723

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

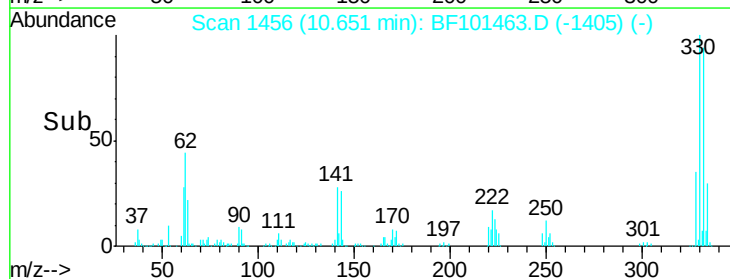
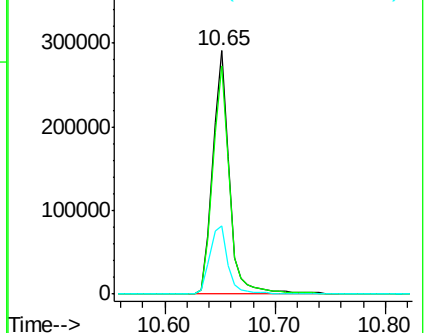
141 31.4 29.9 44.9

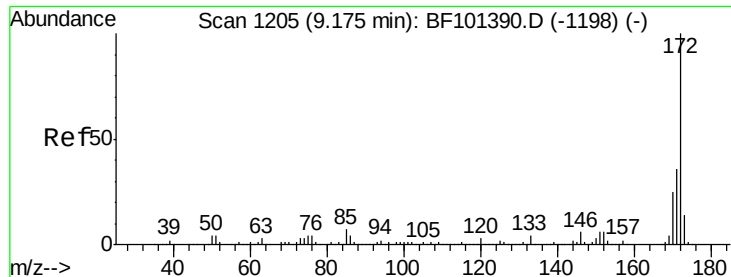


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

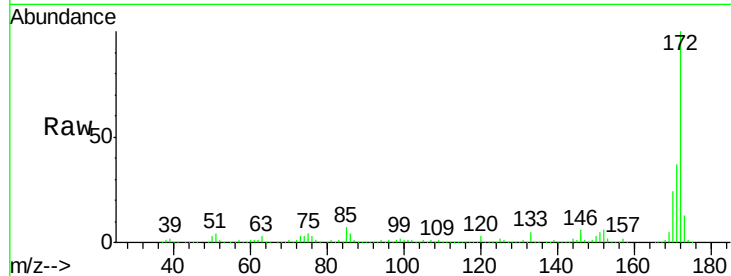




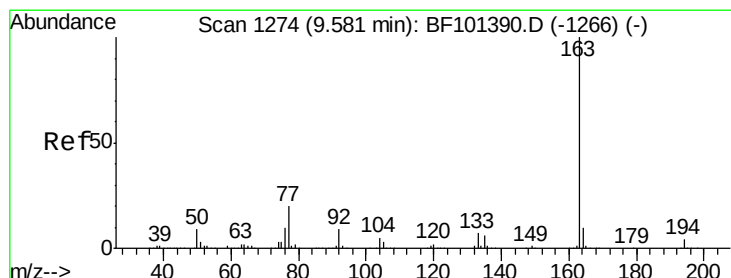
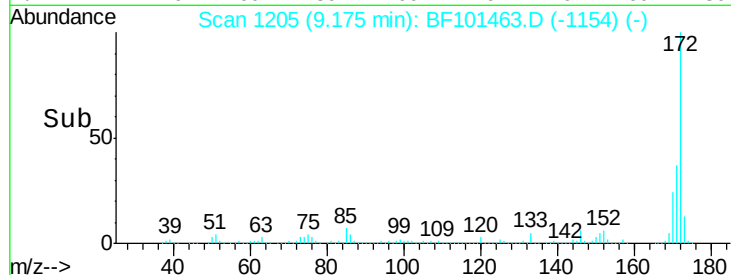
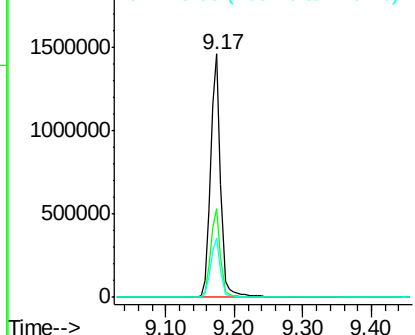
#44
2-Fluorobiphenyl
Concen: 87.152 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF101463.D
Acq: 16 Dec 2017 00:22

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(45-47)

Tgt Ion:172 Resp: 1495664
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.3 19.6 29.4

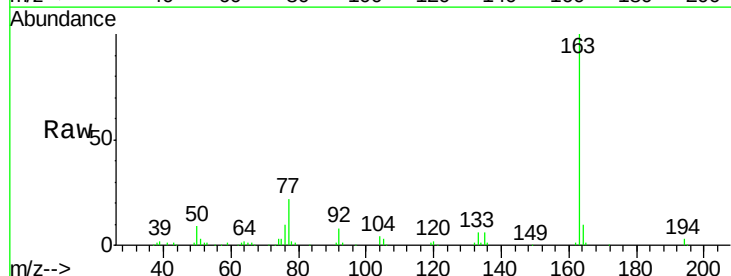


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

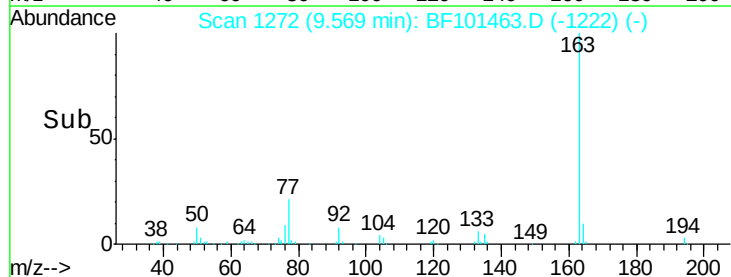
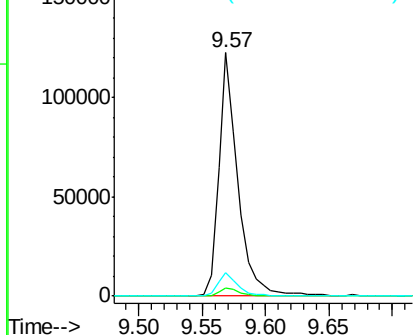


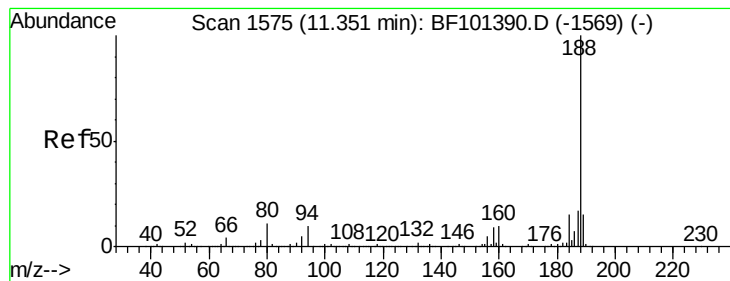
#49
Dimethylphthalate
Concen: 6.018 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF101463.D
Acq: 16 Dec 2017 00:22

Tgt Ion:163 Resp: 128867
Ion Ratio Lower Upper
163 100
194 3.3 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: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF101463.D

Acq: 16 Dec 2017 00:22

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(45-47)

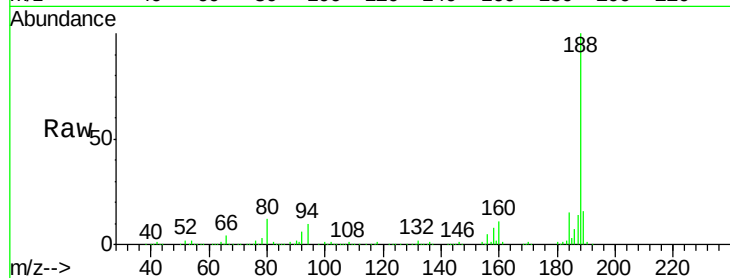
Tgt Ion:188 Resp: 458279

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

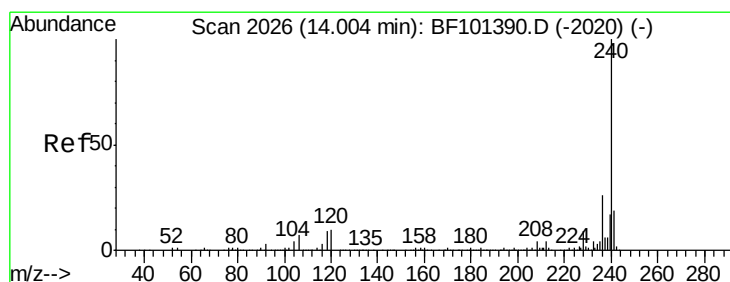
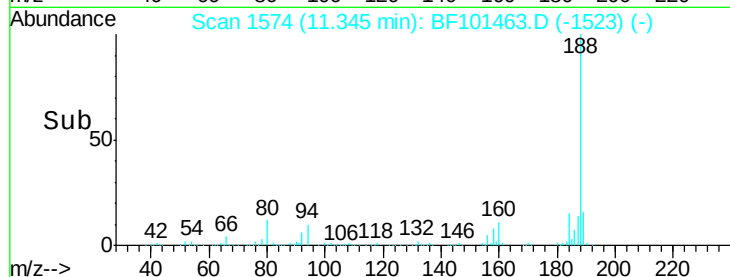
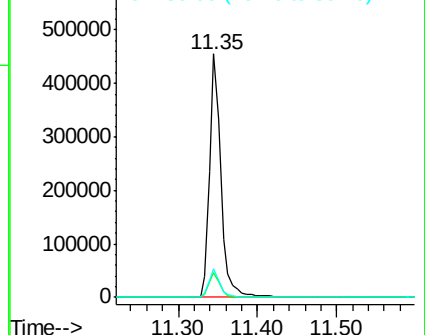
80 11.9 9.2 13.8



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: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF101463.D

Acq: 16 Dec 2017 00:22

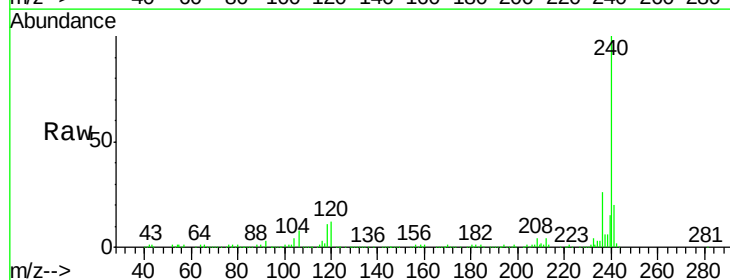
Tgt Ion:240 Resp: 313523

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

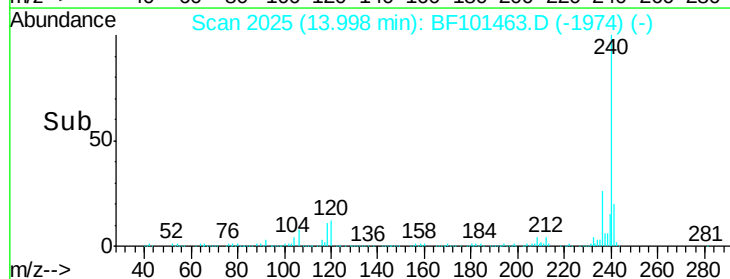
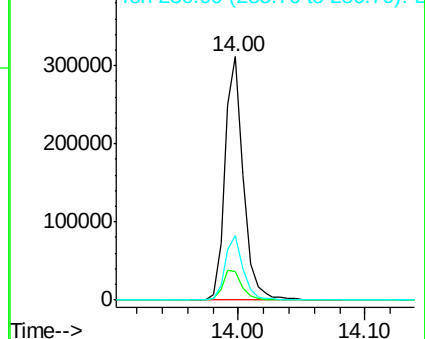
236 26.2 20.7 31.1

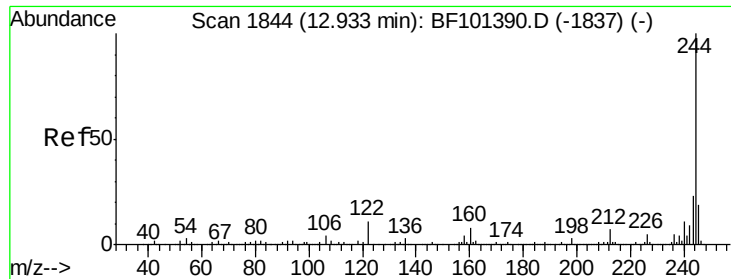


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.061 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF101463.D

Acq: 16 Dec 2017 00:22

Instrument :

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EPE-122-2(45-47)

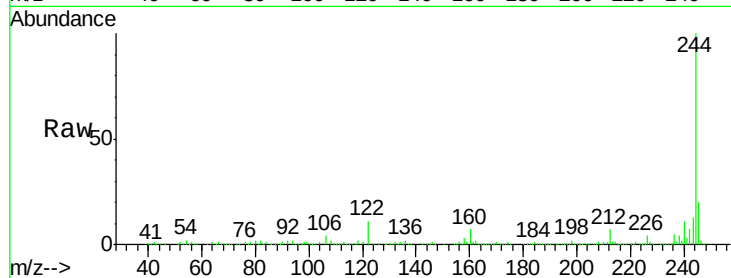
Tgt Ion:244 Resp: 1132236

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

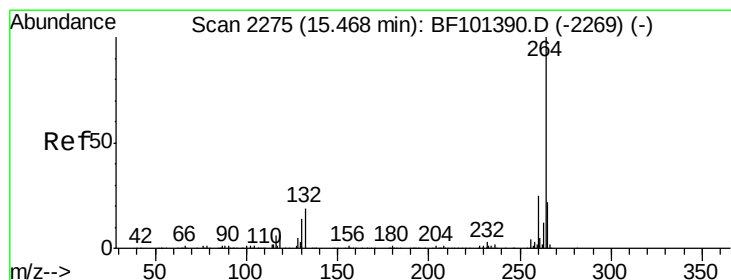
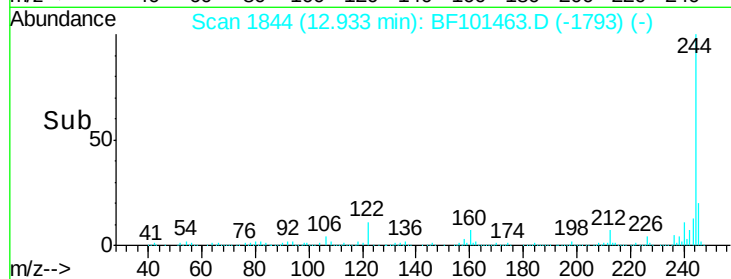
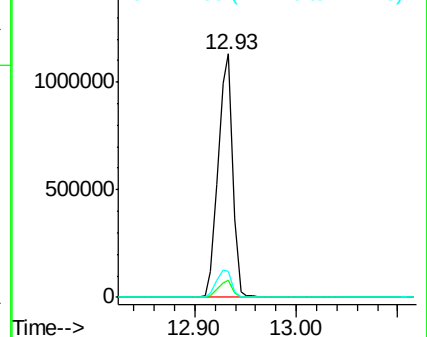
122 10.8 11.0 16.4#



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: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF101463.D

Acq: 16 Dec 2017 00:22

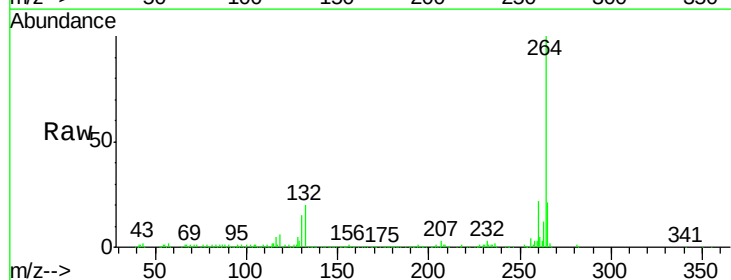
Tgt Ion:264 Resp: 292703

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 20.8 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

