

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
 Data File : BF101461.D
 Acq On : 15 Dec 2017 23:29
 Operator : SJ/JU
 Sample : I6888-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-122-2(5-10)

Quant Time: Dec 16 00:36:49 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

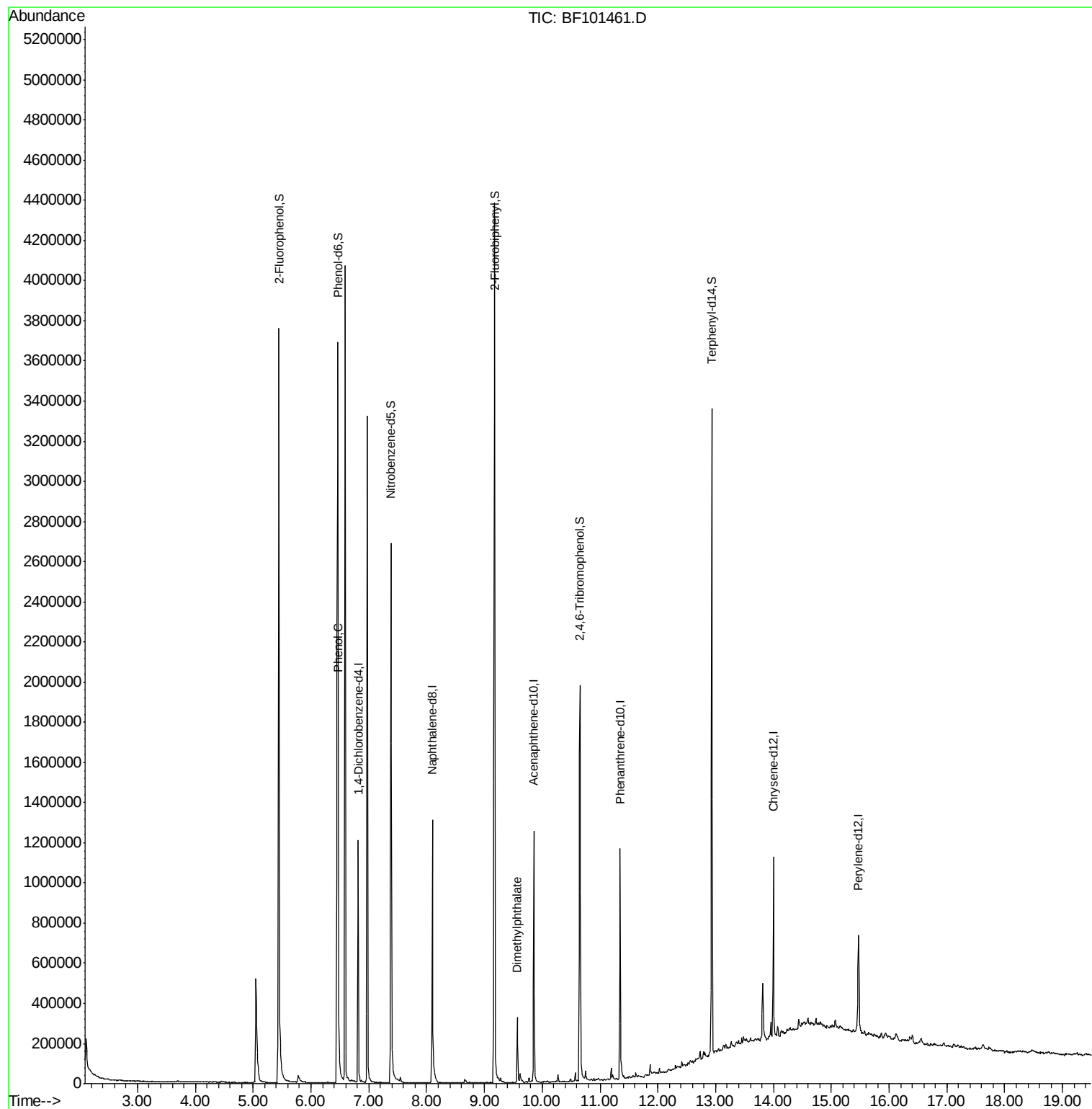
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	176193	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	679515	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	267519	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	437063	20.00	ng	0.00
75) Chrysene-d12	14.00	240	332408	20.00	ng	0.00
86) Perylene-d12	15.47	264	265442	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1331626	112.58	ng	0.02
7) Phenol-d6	6.46	99	1592865	108.20	ng	0.00
23) Nitrobenzene-d5	7.39	82	1009292	82.68	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	276038	107.08	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1569924	91.03	ng	0.00
78) Terphenyl-d14	12.93	244	1167615	84.68	ng	0.00
Target Compounds						
10) Phenol	6.47	94	81981	4.886	ng	96
49) Dimethylphthalate	9.57	163	154451	7.178	ng	# 98

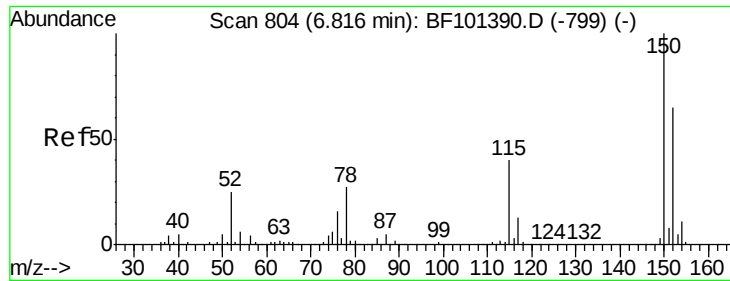
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101461.D
Acq On : 15 Dec 2017 23:29
Operator : SJ/JU
Sample : I6888-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(5-10)

Quant Time: Dec 16 00:36:49 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



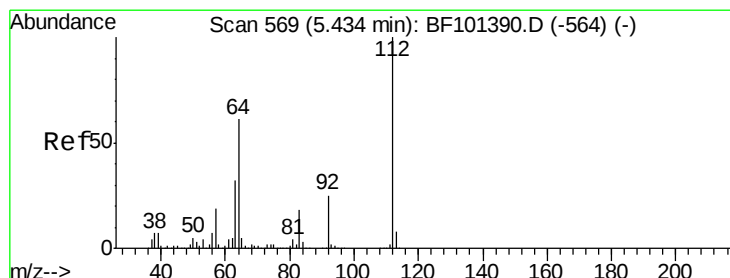
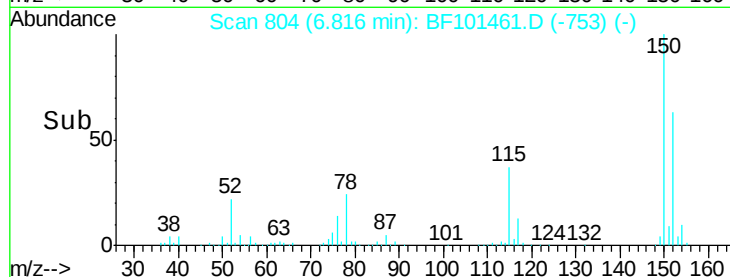
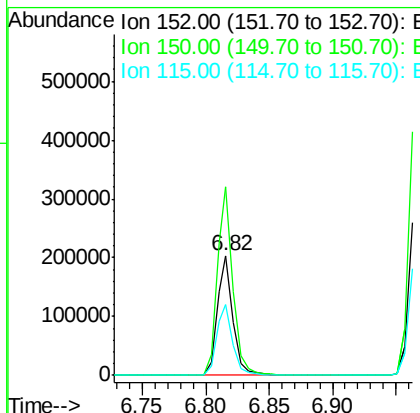
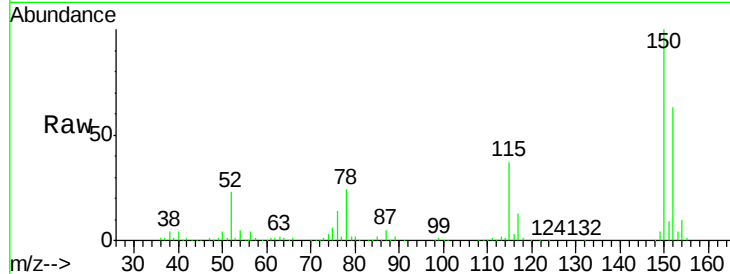


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(5-10)

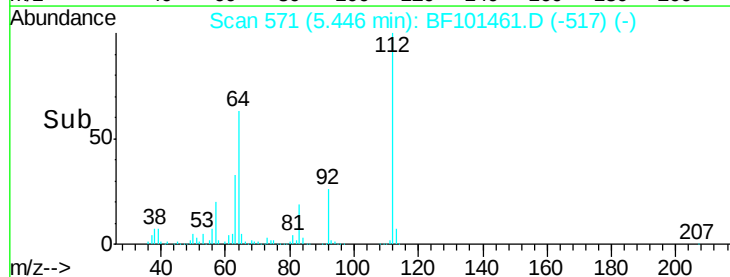
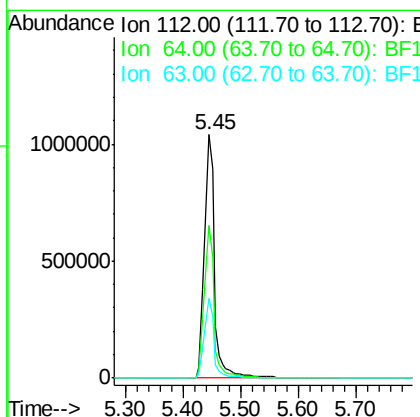
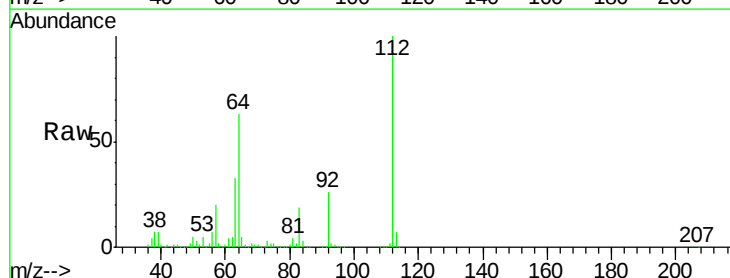
Tgt Ion:152 Resp: 176193
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 58.9 50.1 75.1

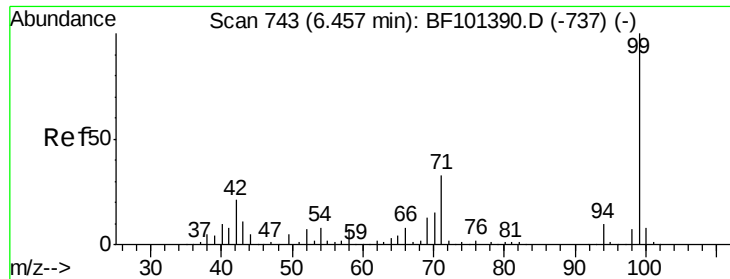


#5

2-Fluorophenol
Concen: 112.579 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.02 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Tgt Ion:112 Resp: 1331626
Ion Ratio Lower Upper
112 100
64 62.7 47.9 71.9
63 32.7 23.7 35.5





#7

Phenol-d6

Concen: 108.205 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101461.D

Acq: 15 Dec 2017 23:29

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(5-10)

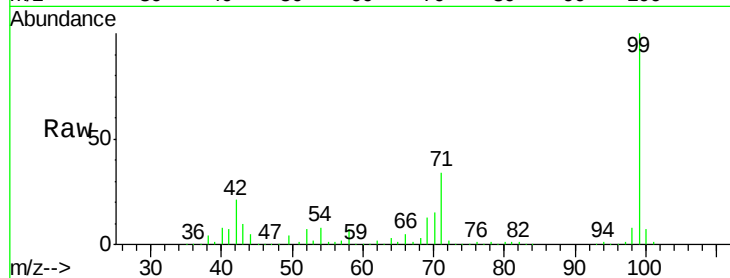
Tgt Ion: 99 Resp: 1592865

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

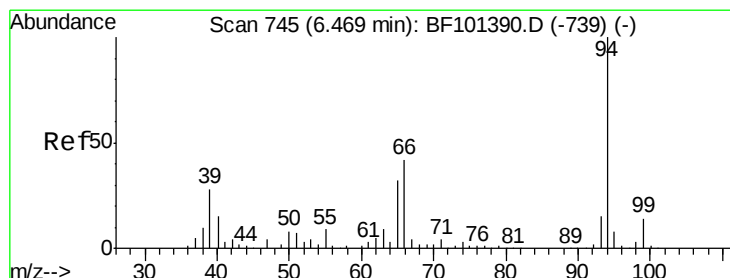
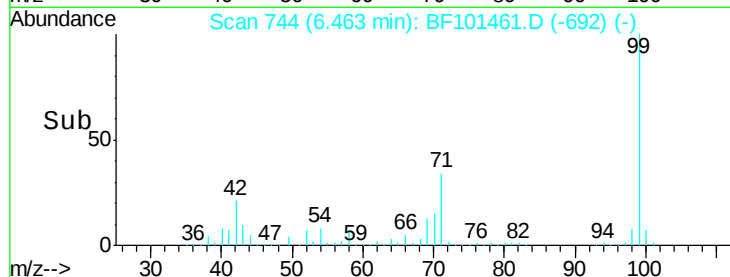
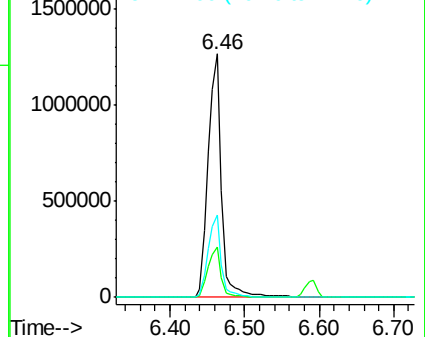
71 33.8 25.4 38.0



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



#10

Phenol

Concen: 4.886 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101461.D

Acq: 15 Dec 2017 23:29

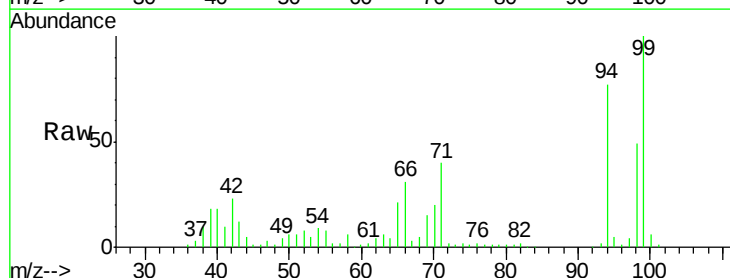
Tgt Ion: 94 Resp: 81981

Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

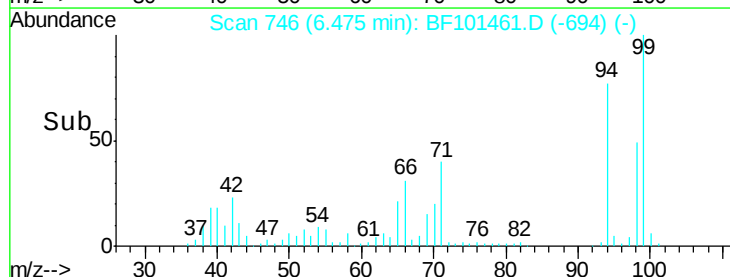
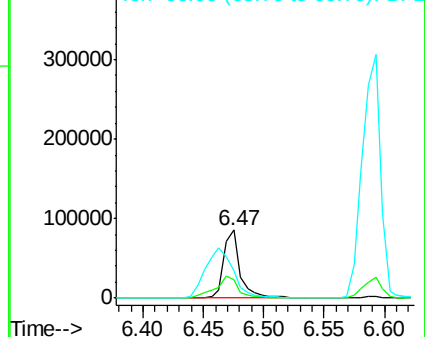
66 40.3 16.2 56.2

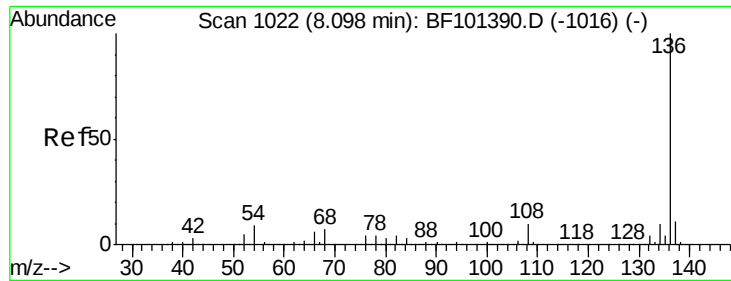


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

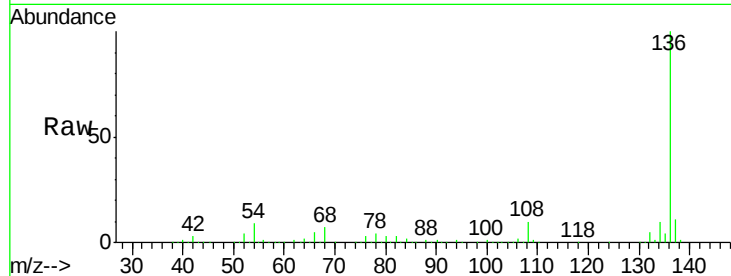




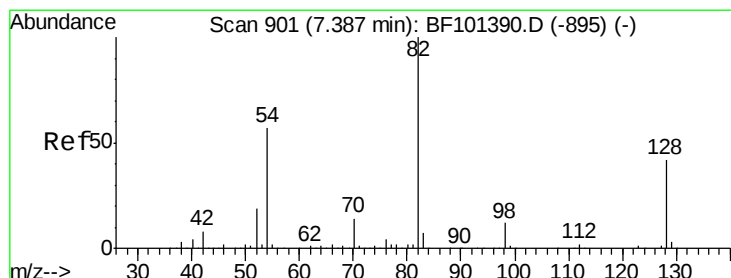
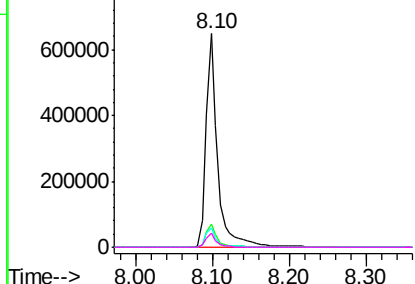
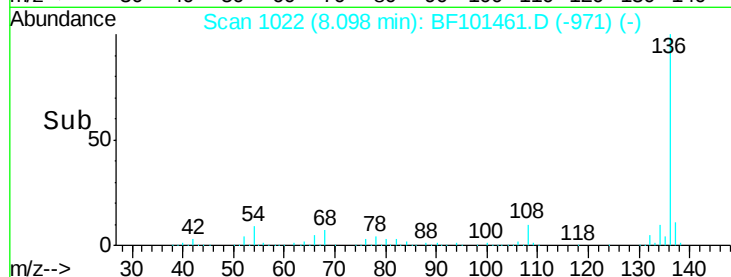
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(5-10)

Tgt Ion:	136	Resp:	679515
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.2	6.6	9.8
68	6.6	5.0	7.4

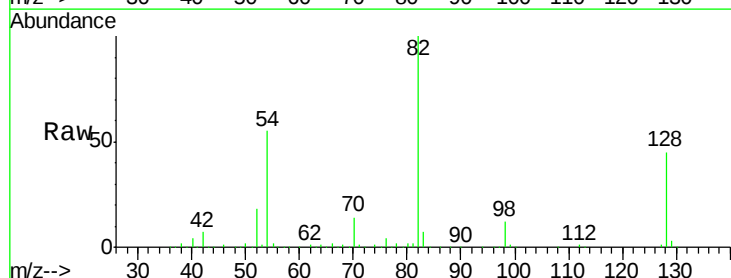


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

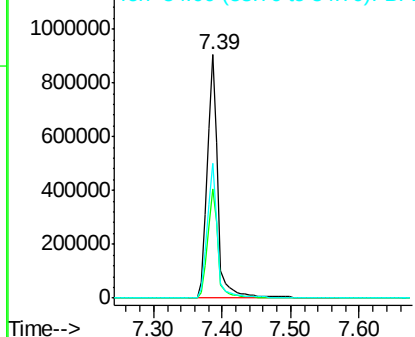
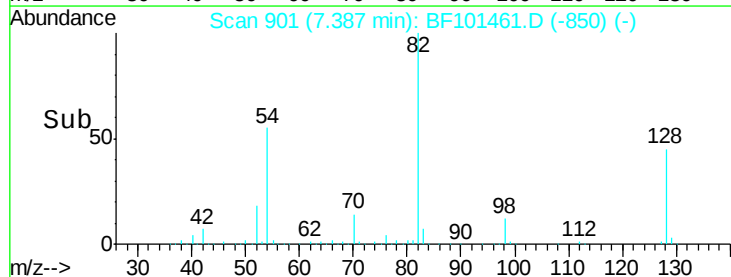


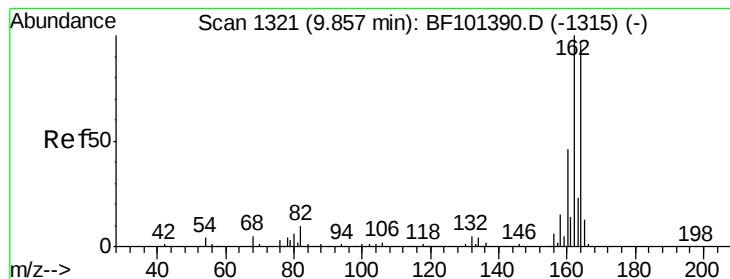
#23
Nitrobenzene-d5
Concen: 82.681 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Tgt Ion:	82	Resp:	1009292
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	55.1	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: BF101461.D

Acq: 15 Dec 2017 23:29

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(5-10)

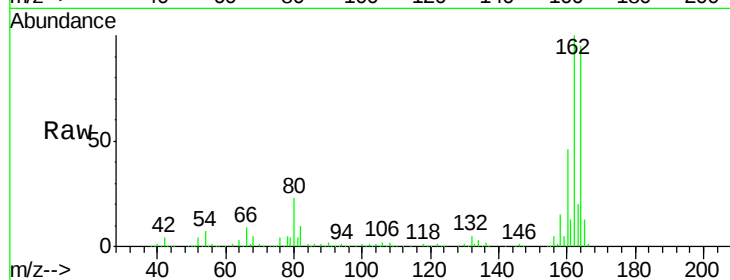
Tgt Ion:164 Resp: 267519

Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

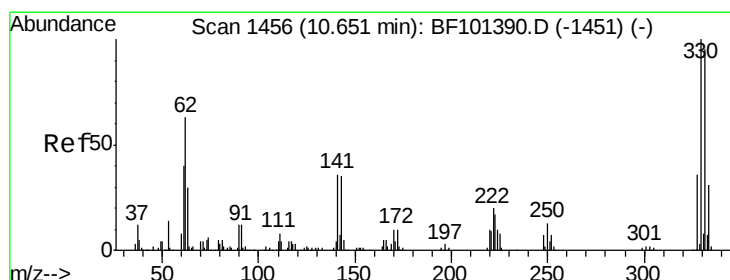
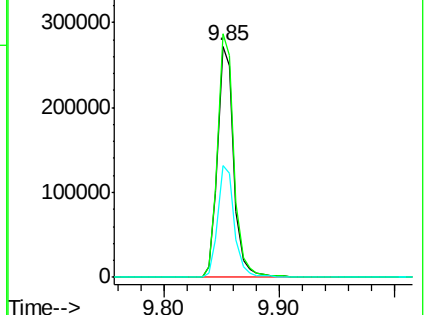
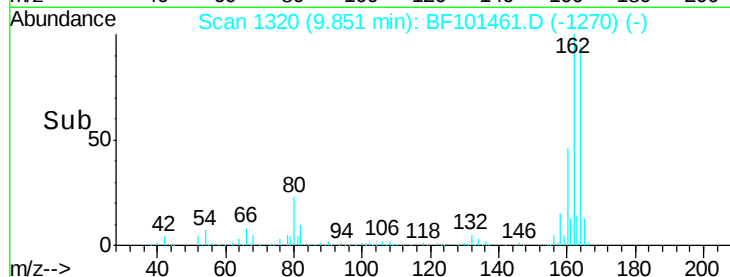
160 48.4 38.3 57.5



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: 107.085 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BF101461.D

Acq: 15 Dec 2017 23:29

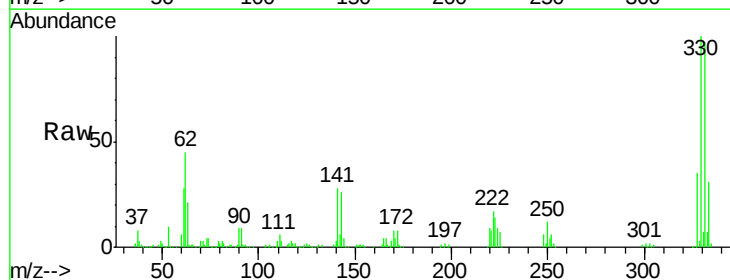
Tgt Ion:330 Resp: 276038

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

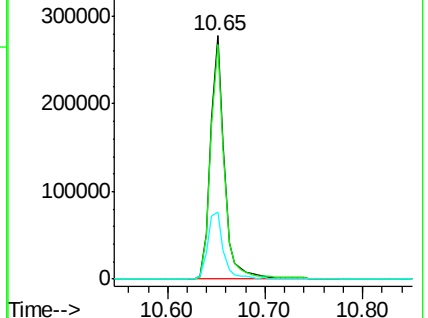
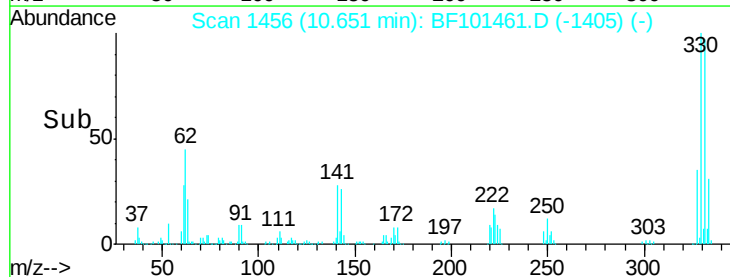
141 31.9 29.9 44.9

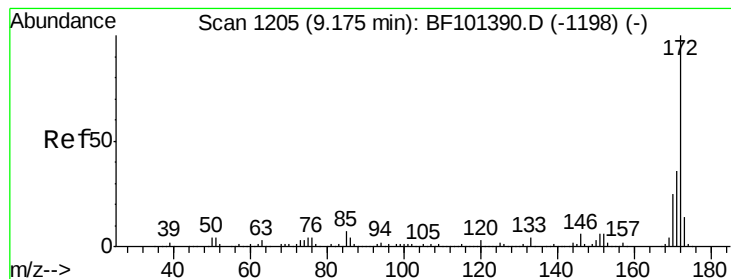


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 91.034 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF101461.D

Acq: 15 Dec 2017 23:29

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(5-10)

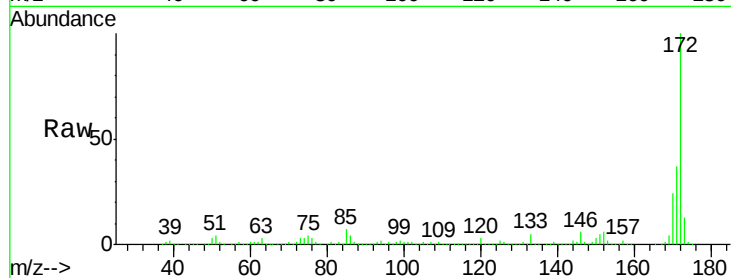
Tgt Ion:172 Resp: 1569924

Ion Ratio Lower Upper

172 100

171 36.6 29.7 44.5

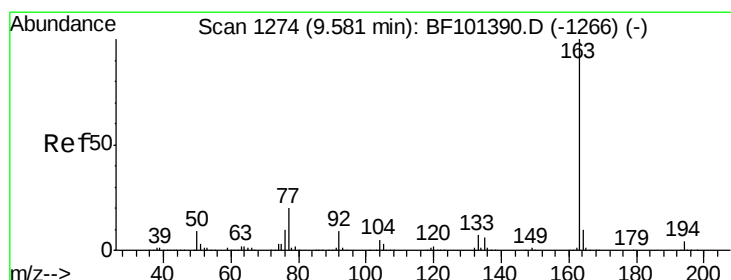
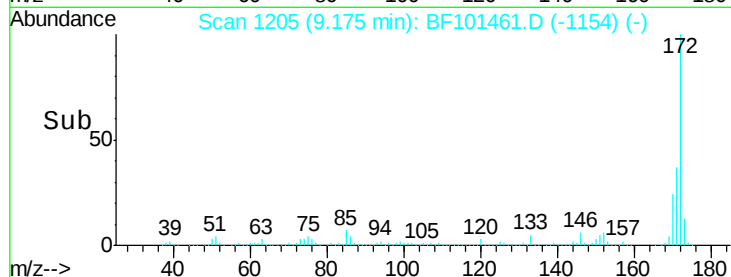
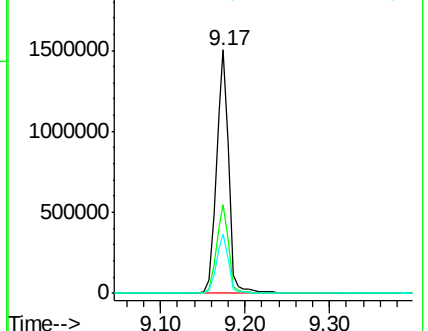
170 24.1 19.6 29.4



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: 7.178 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF101461.D

Acq: 15 Dec 2017 23:29

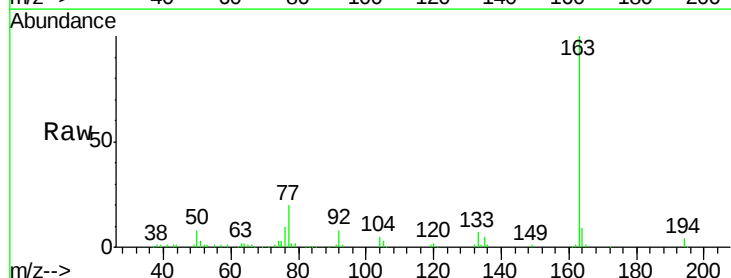
Tgt Ion:163 Resp: 154451

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

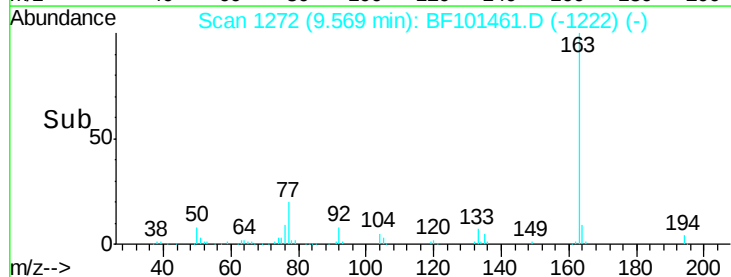
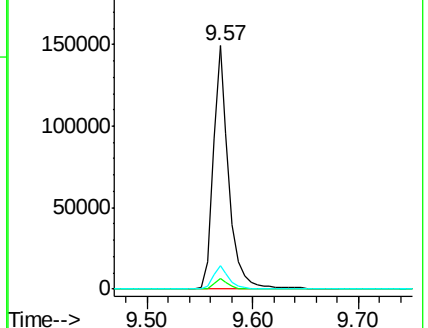
164 9.5 8.2 12.2

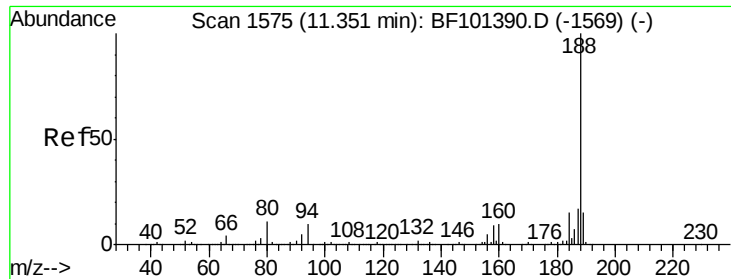


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

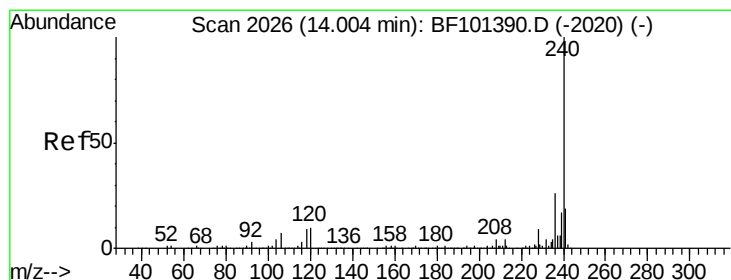
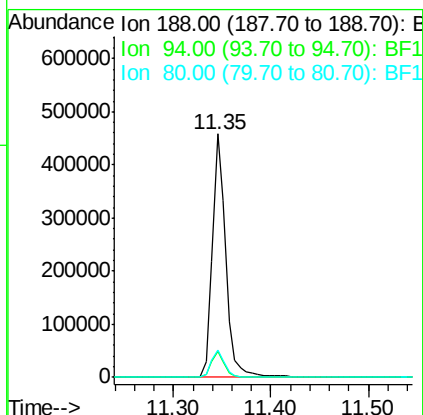
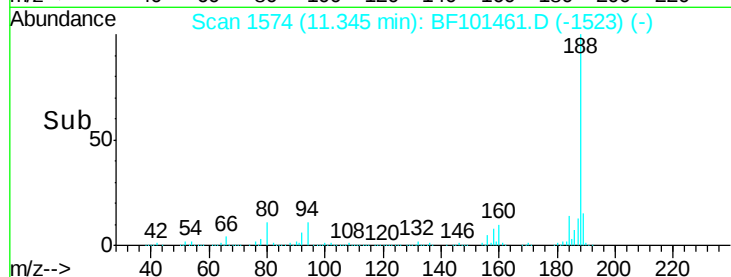
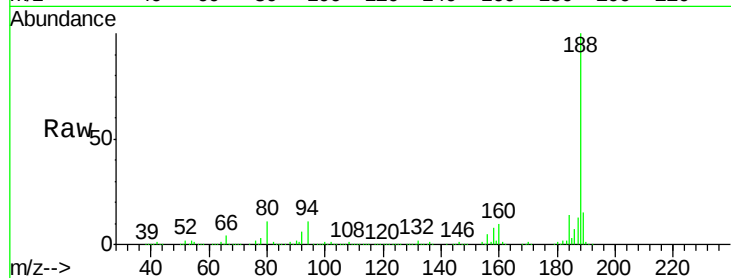




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

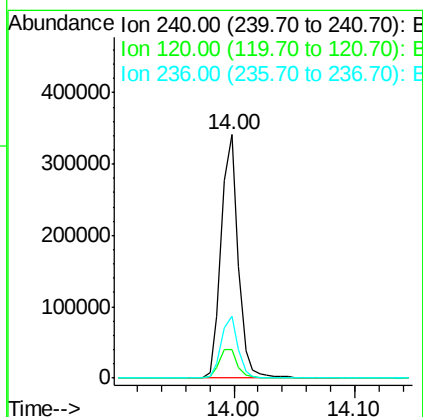
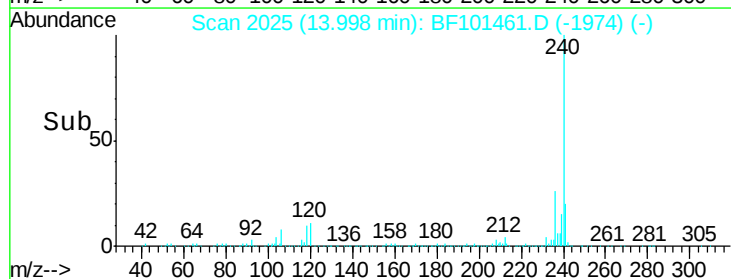
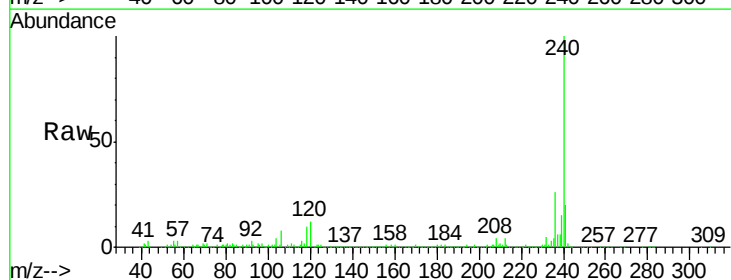
Instrument :
BNA_F
ClientSampleId :
EPE-122-2(5-10)

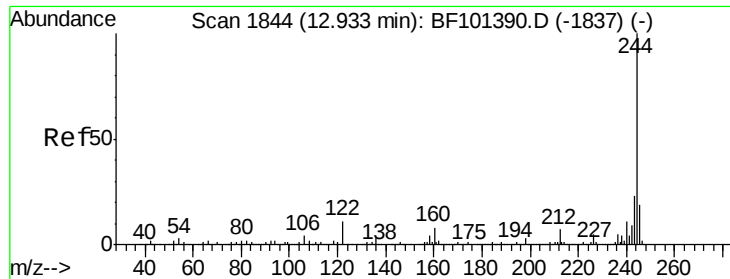
Tgt Ion:188 Resp: 437063
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Tgt Ion:240 Resp: 332408
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 84.681 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF101461.D

Acq: 15 Dec 2017 23:29

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(5-10)

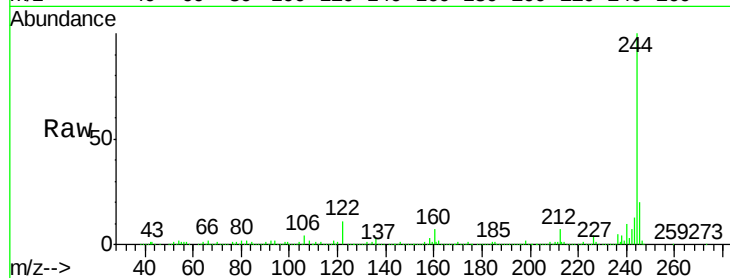
Tgt Ion:244 Resp: 1167615

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

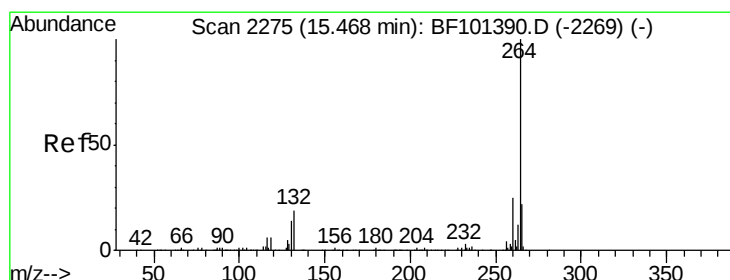
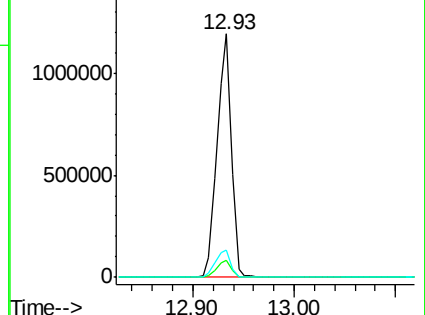
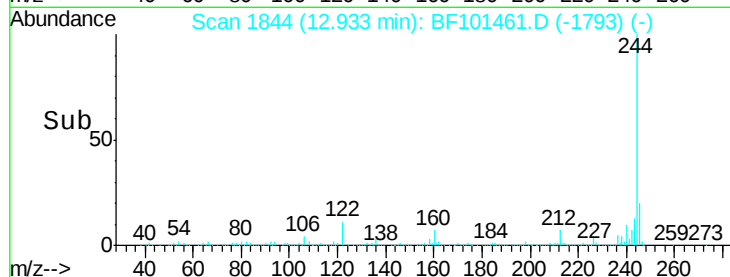
122 11.0 11.0 16.4



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: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF101461.D

Acq: 15 Dec 2017 23:29

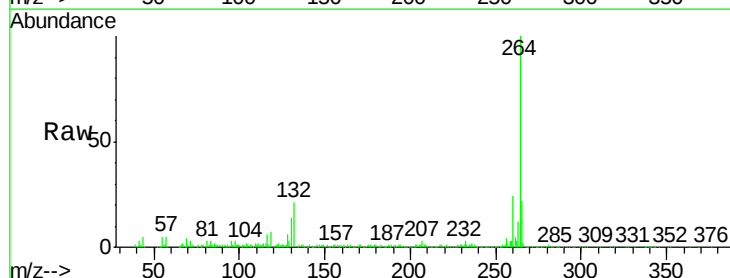
Tgt Ion:264 Resp: 265442

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.5 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

