

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
 Data File : BF111762.D
 Acq On : 27 Dec 2018 15:10
 Operator : JU/SJ
 Sample : J6446-08RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS021-0006-01RE

Quant Time: Dec 28 06:20:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

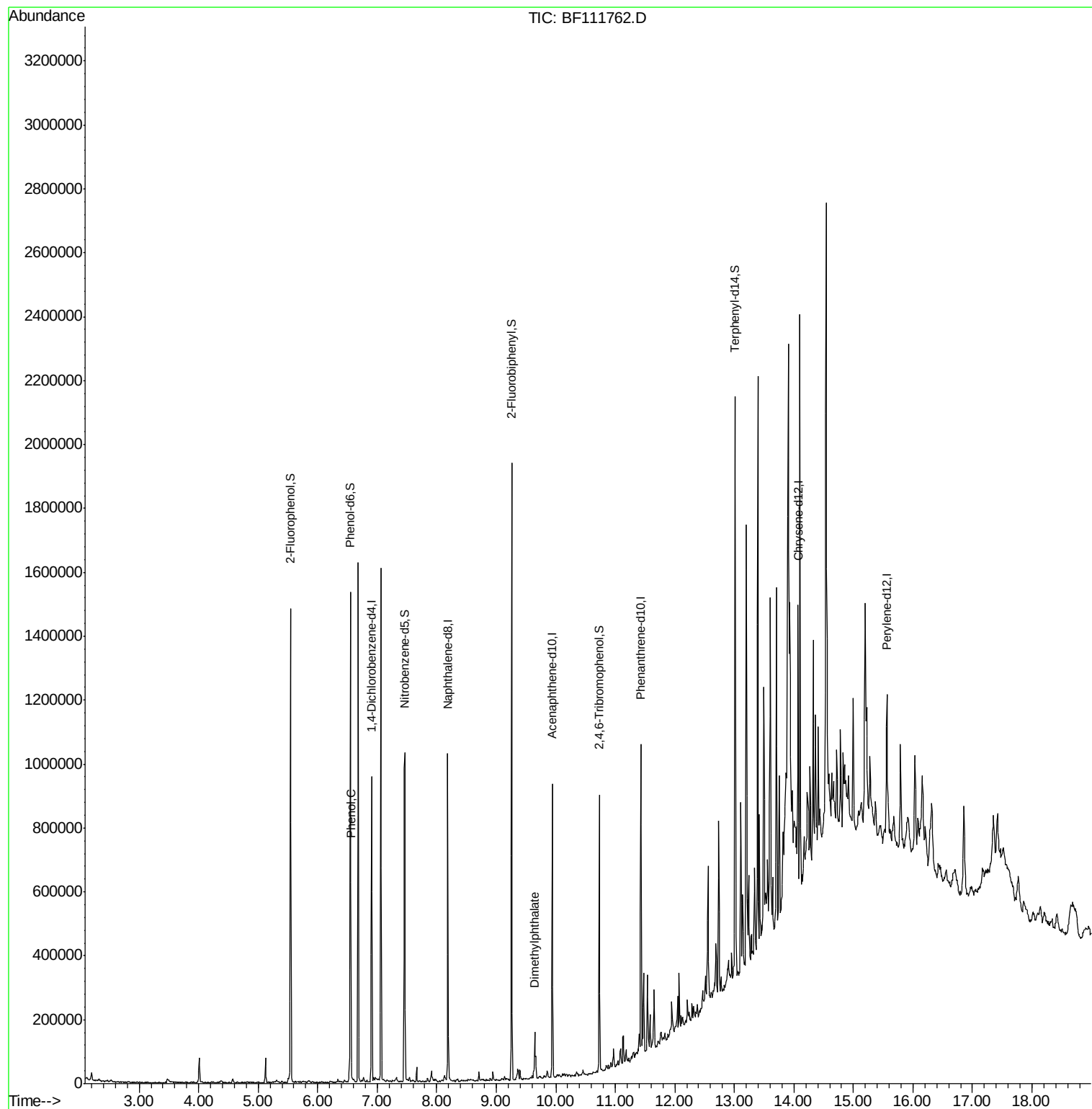
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	122807	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	422264	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	184048	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	327134	20.00	ng	0.01
76) Chrysene-d12	14.07	240	316421	20.00	ng	0.02
87) Perylene-d12	15.56	264	222035	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	348877	48.42	ng	0.03
7) Phenol-d6	6.55	99	418413	45.63	ng	0.03
23) Nitrobenzene-d5	7.46	82	315060	43.43	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	102743	47.25	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	546544	43.28	ng	0.00
79) Terphenyl-d14	13.01	244	556059	33.33	ng	0.01
Target Compounds						
10) Phenol	6.56	94	35004	3.383	ng	98
50) Dimethylphthalate	9.65	163	48947	3.637	ng	98

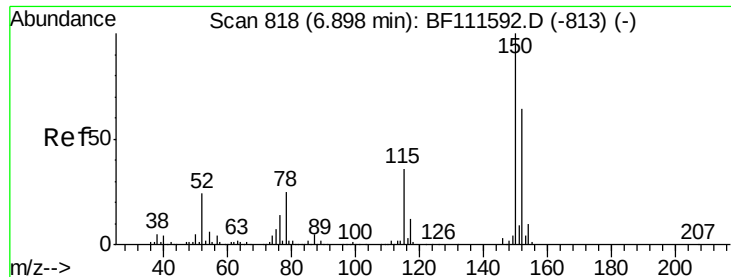
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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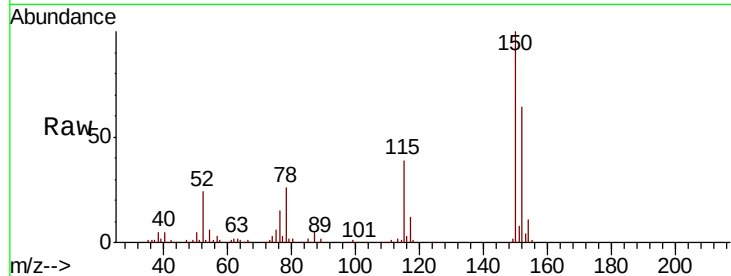


#1

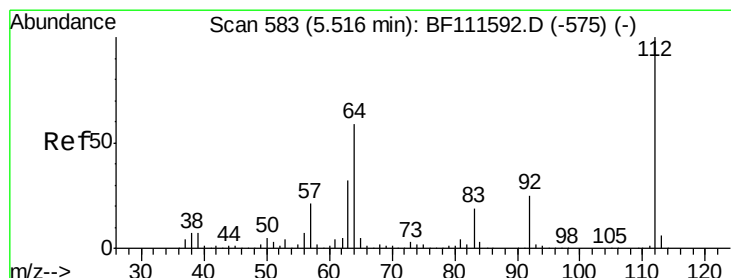
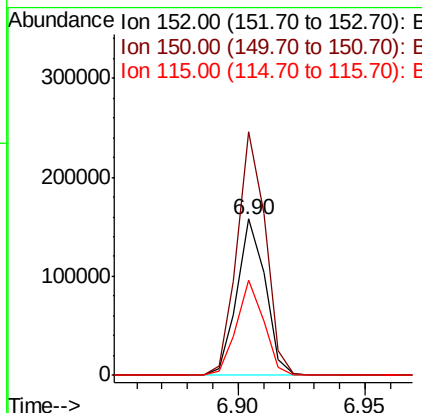
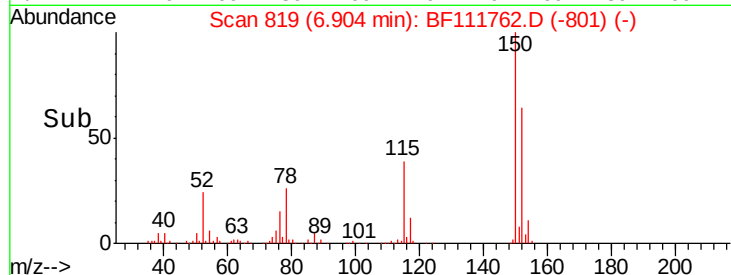
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0006-01RE

Tot Ion:152 Resp: 122807
Ion Ratio Lower Upper
152 100
150 155.9 126.6 189.8
115 61.2 50.7 76.1



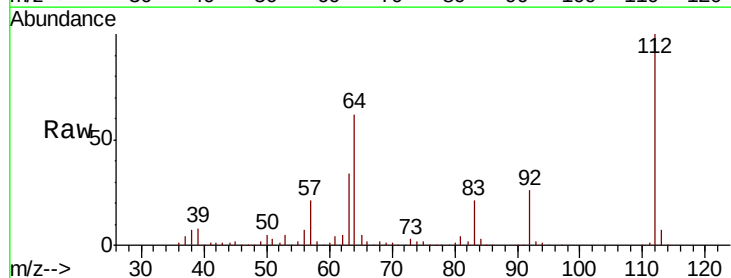
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



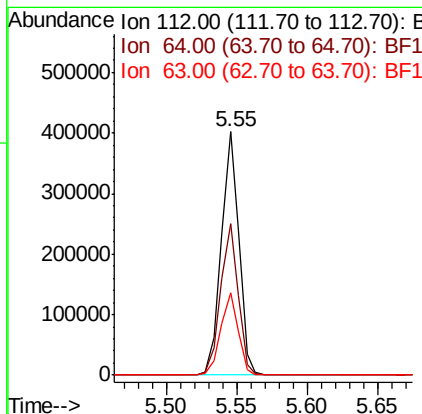
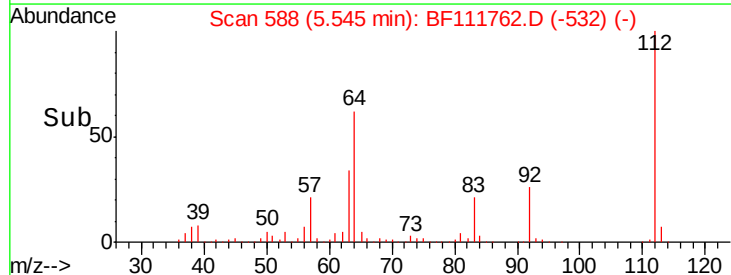
#5

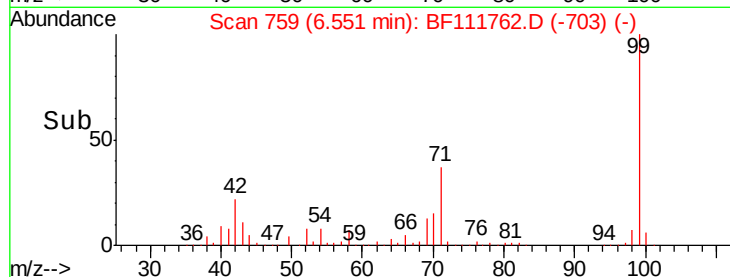
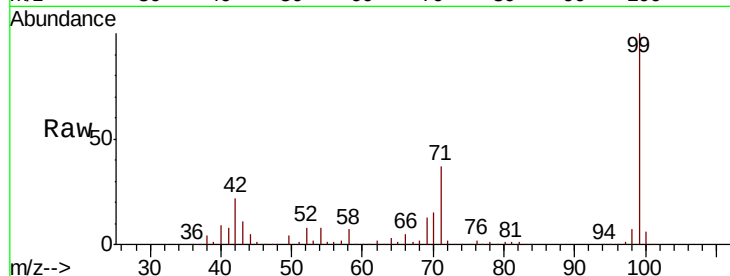
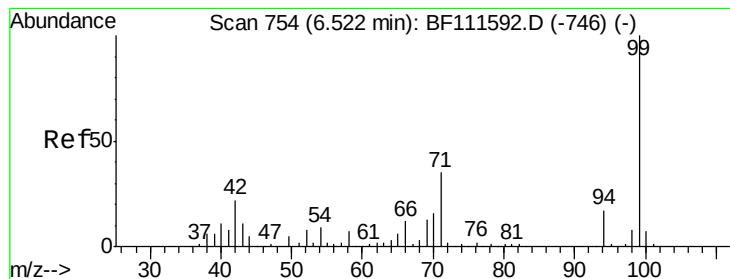
2-Fluorophenol
Concen: 48.423 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Tgt Ion:112 Resp: 348877
Ion Ratio Lower Upper
112 100
64 62.1 51.8 77.6
63 33.7 26.8 40.2



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: 45.633 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111762.D

Acq: 27 Dec 2018 15:10

Instrument :

BNA_F

ClientSampleId :

P001-SS021-0006-01RE

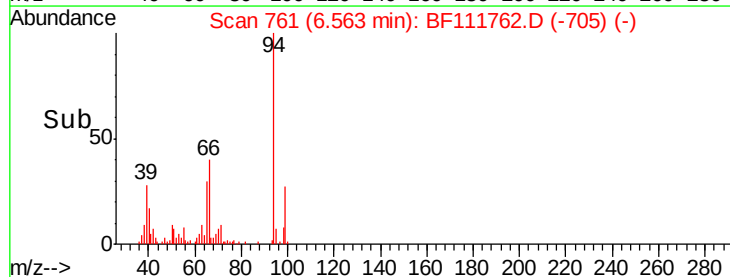
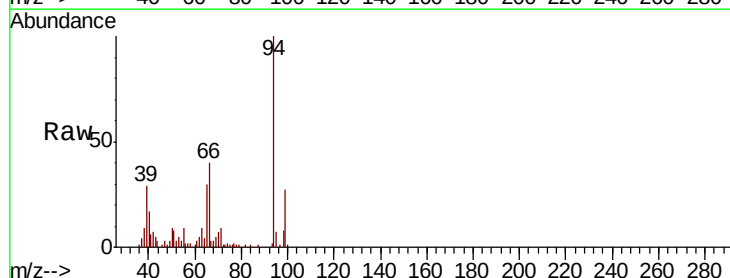
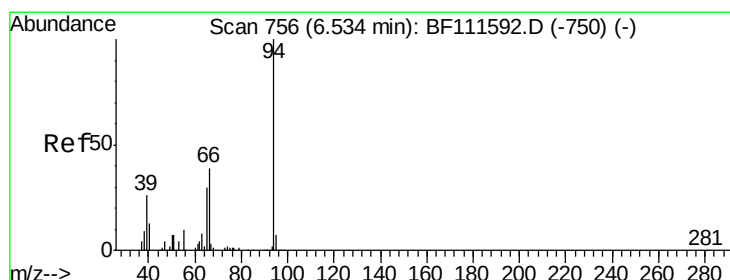
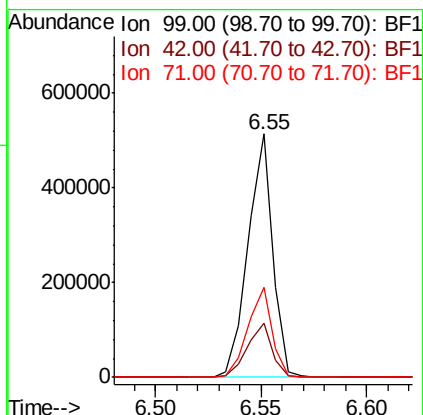
Tot Ion: 99 Resp: 418413

Ion Ratio Lower Upper

99 100

42 22.1 17.4 26.0

71 36.9 26.1 39.1



#10

Phenol

Concen: 3.383 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.03 min

Lab File: BF111762.D

Acq: 27 Dec 2018 15:10

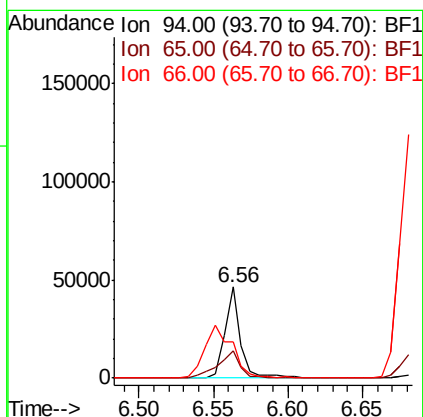
Tgt Ion: 94 Resp: 35004

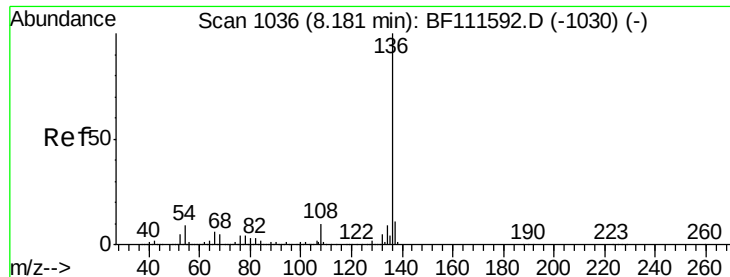
Ion Ratio Lower Upper

94 100

65 30.3 11.7 51.7

66 40.3 21.0 61.0

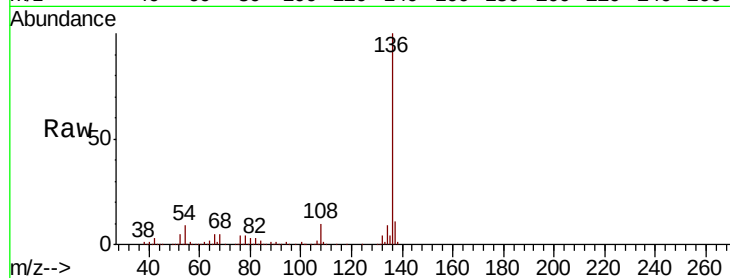




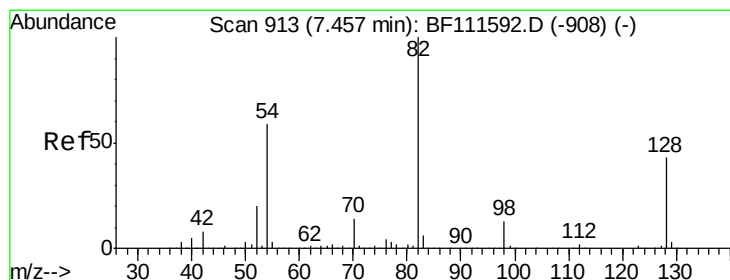
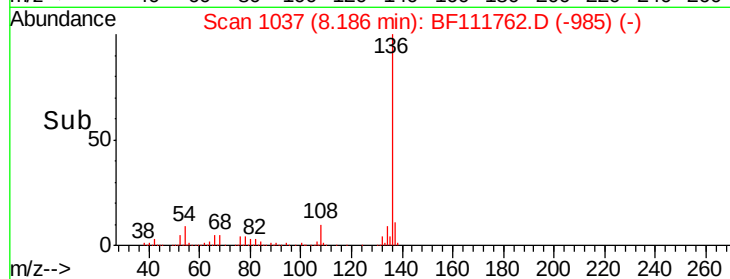
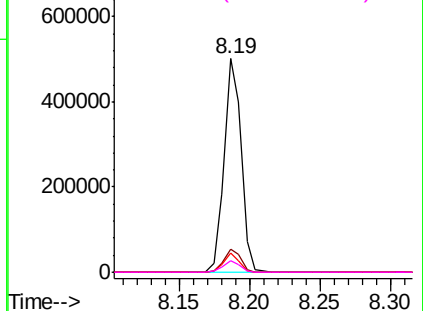
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0006-01RE

Tot Ion:136	Resp:	422264	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.1	13.7	
54 8.9	7.7	11.5	
68 5.4	4.9	7.3	

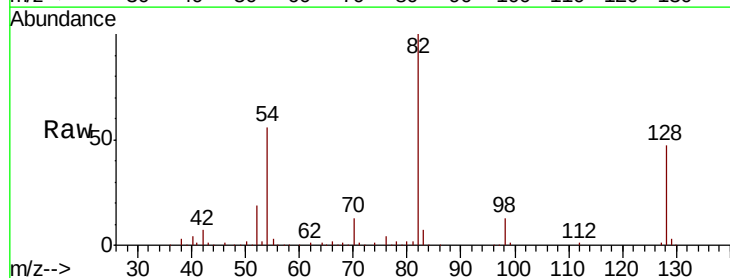


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

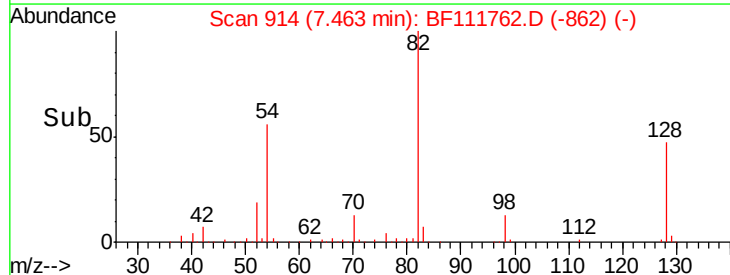
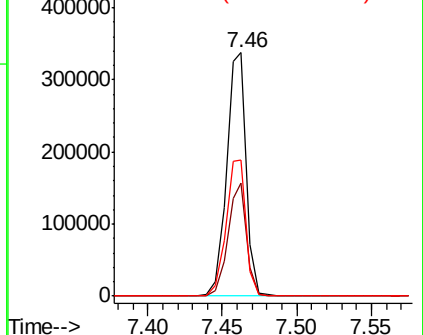


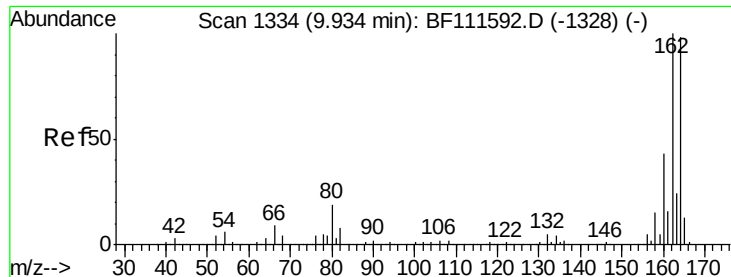
#23
Nitrobenzene-d5
Concen: 43.430 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Tgt Ion: 82	Resp: 315060
Ion Ratio	Lower Upper
82 100	
128 46.5	37.4 56.2
54 56.1	47.6 71.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111762.D

Acq: 27 Dec 2018 15:10

Instrument :

BNA_F

ClientSampleId :

P001-SS021-0006-01RE

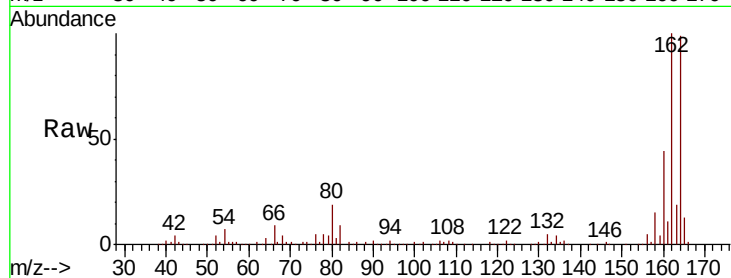
Tot Ion:164 Resp: 184048

Ion Ratio Lower Upper

164 100

162 100.7 81.4 122.0

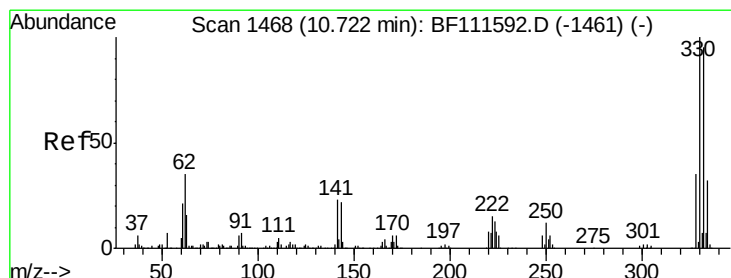
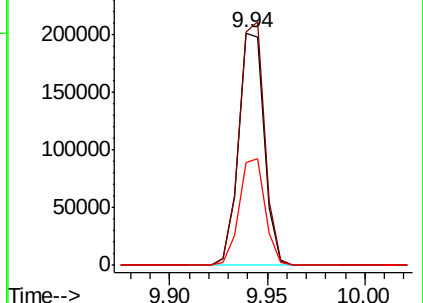
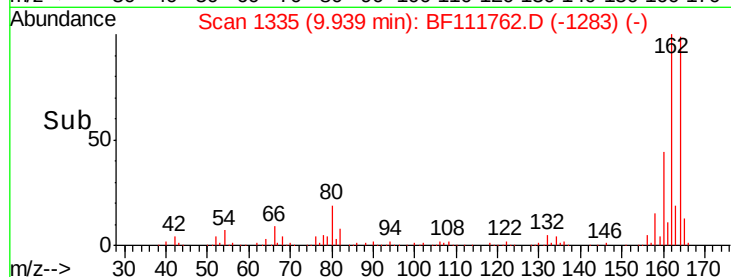
160 44.1 35.7 53.5



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



#42

2,4,6-Tribromophenol

Concen: 47.245 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF111762.D

Acq: 27 Dec 2018 15:10

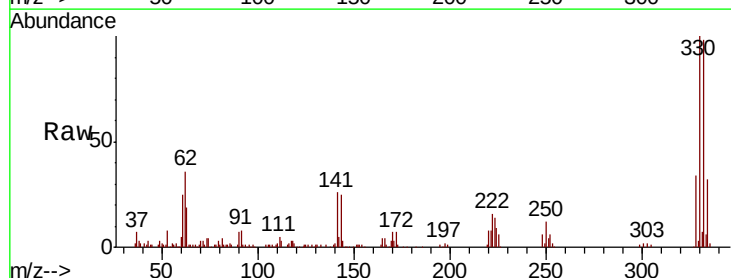
Tgt Ion:330 Resp: 102743

Ion Ratio Lower Upper

330 100

332 96.3 76.0 114.0

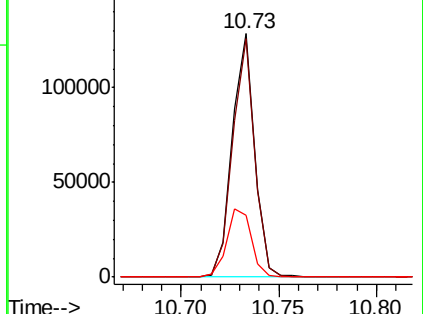
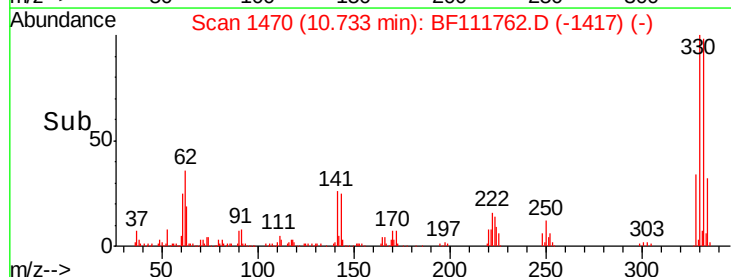
141 31.1 31.0 46.6

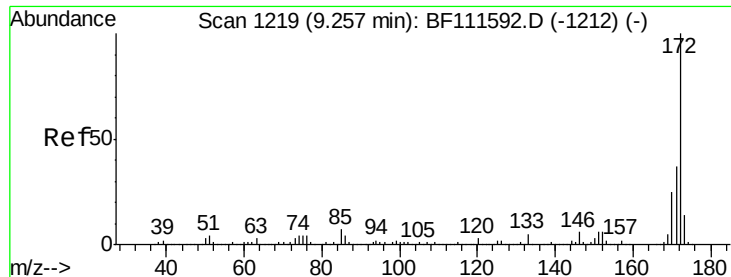


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

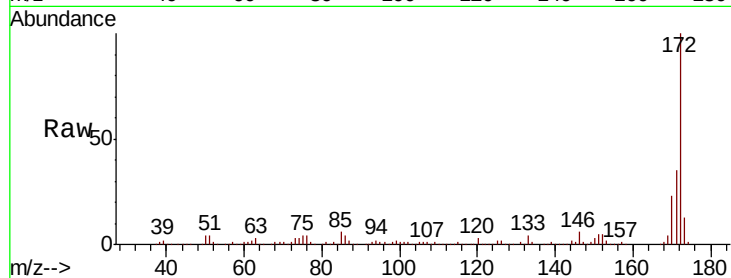




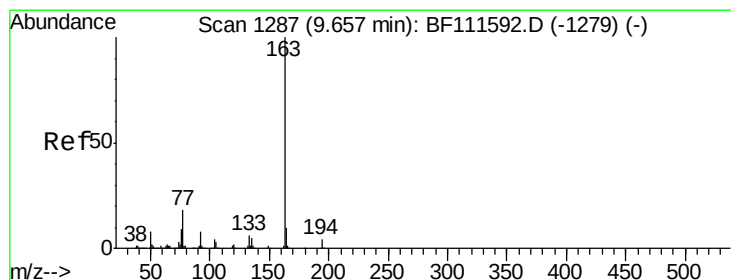
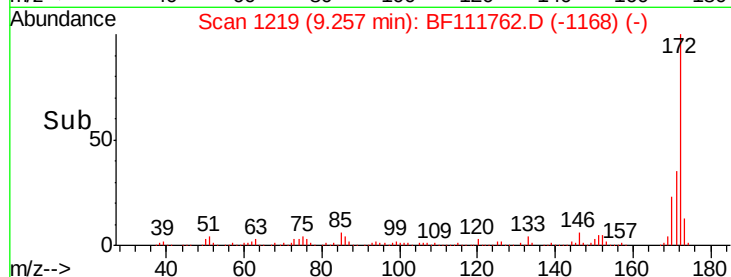
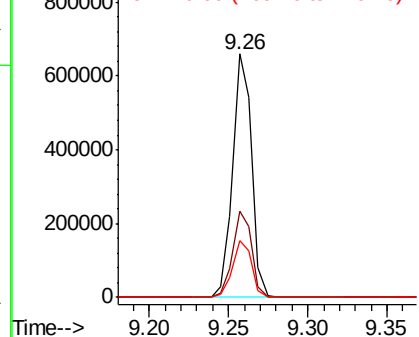
#45
2-Fluorobiphenyl
Concen: 43.284 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0006-01RE

Tot Ion:172 Resp: 546544
Ion Ratio Lower Upper
172 100
171 35.2 33.0 49.4
170 23.3 22.3 33.5

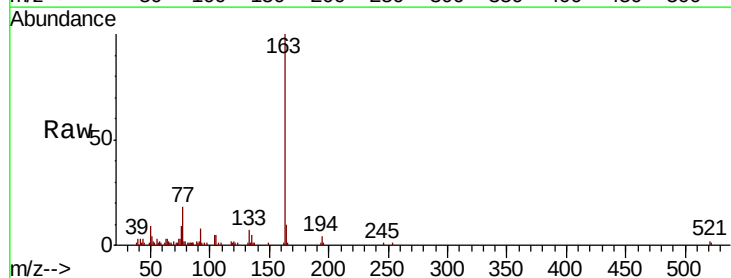


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

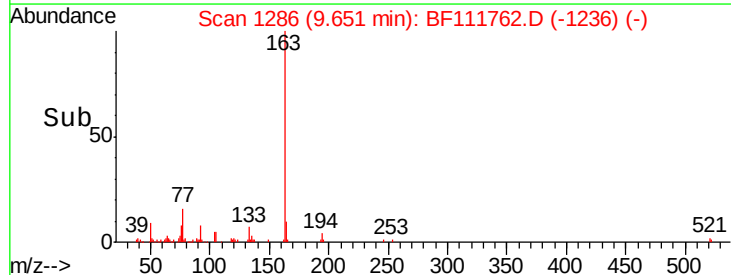
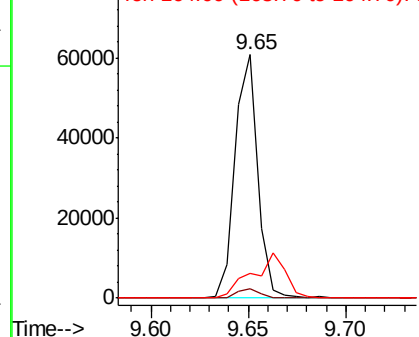


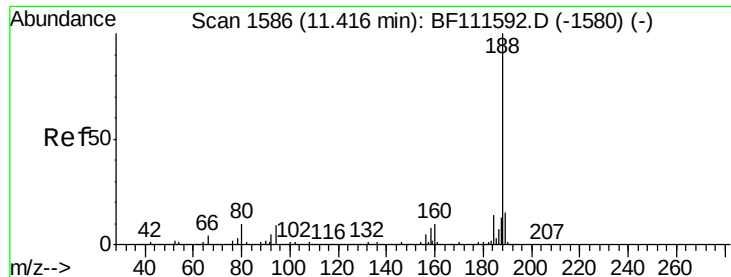
#50
Dimethylphthalate
Concen: 3.637 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Tgt Ion:163 Resp: 48947
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.1 8.9 13.3



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

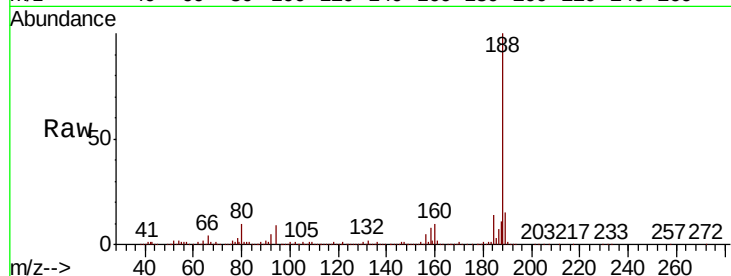




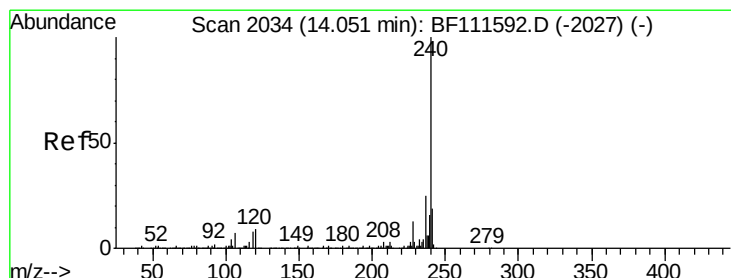
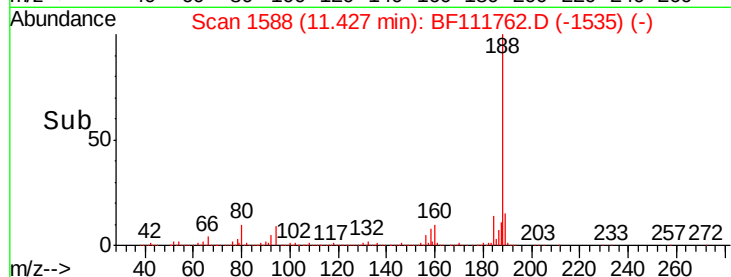
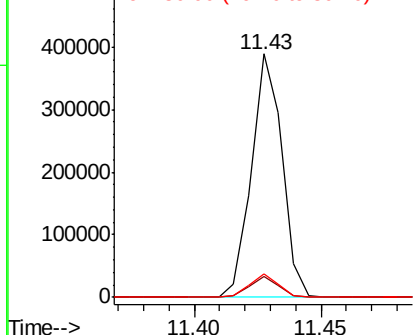
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0006-01RE

Tot Ion:188 Resp: 327134
Ion Ratio Lower Upper
188 100
94 8.8 9.6 14.4#
80 9.6 9.8 14.6#

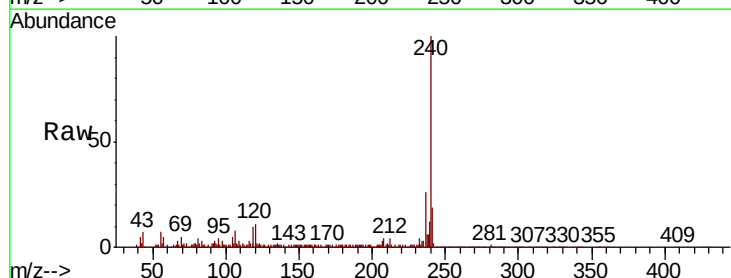


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

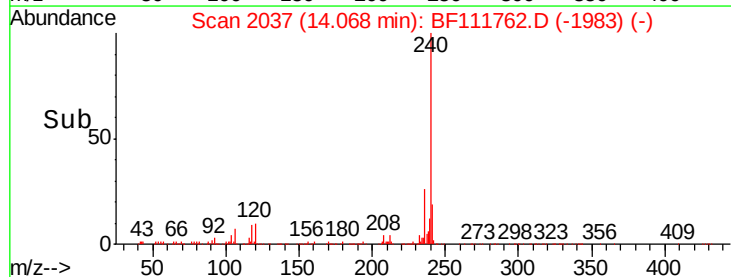
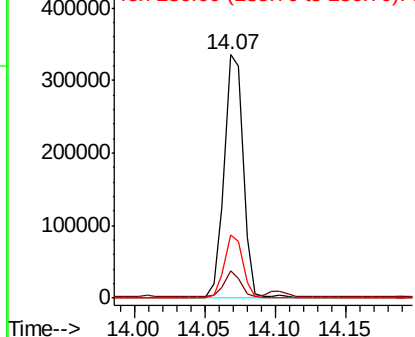


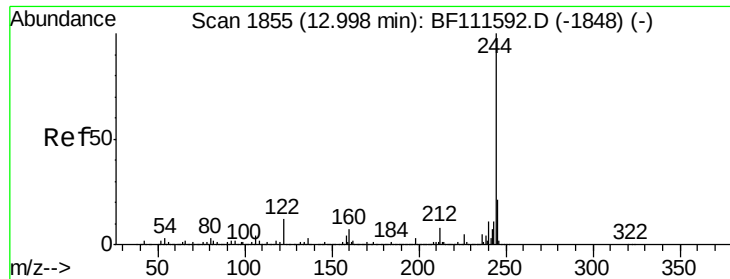
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Tgt Ion:240 Resp: 316421
Ion Ratio Lower Upper
240 100
120 11.0 12.2 18.2#
236 26.0 20.2 30.2



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





#79

Terphenyl-d14

Concen: 33.326 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111762.D

Acq: 27 Dec 2018 15:10

Instrument :

BNA_F

ClientSampleId :

P001-SS021-0006-01RE

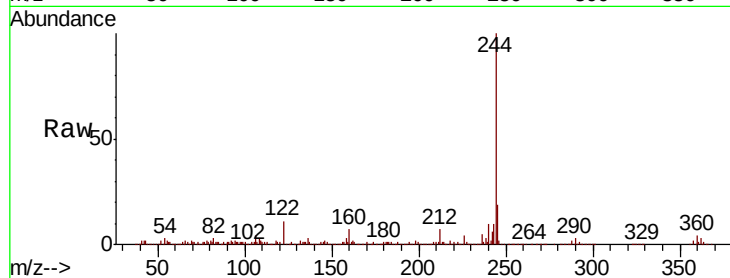
Tot Ion:244 Resp: 556059

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

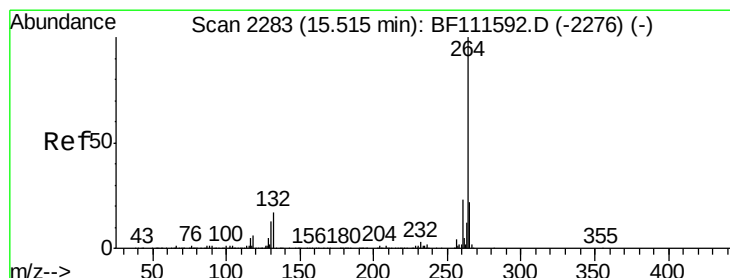
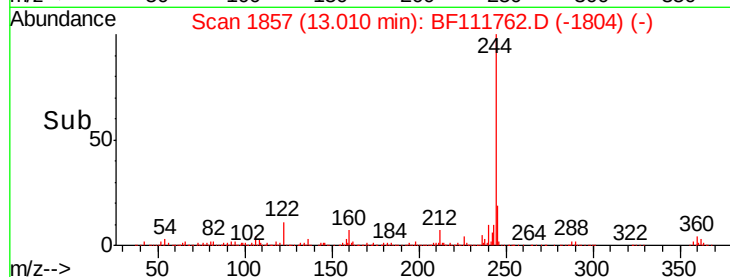
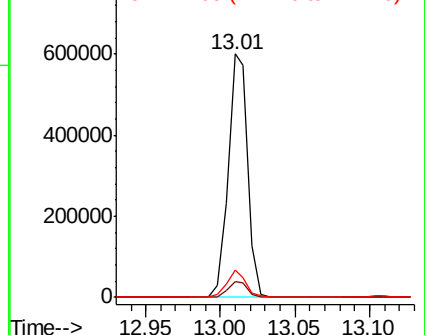
122 11.3 13.1 19.7#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. 0.05 min

Lab File: BF111762.D

Acq: 27 Dec 2018 15:10

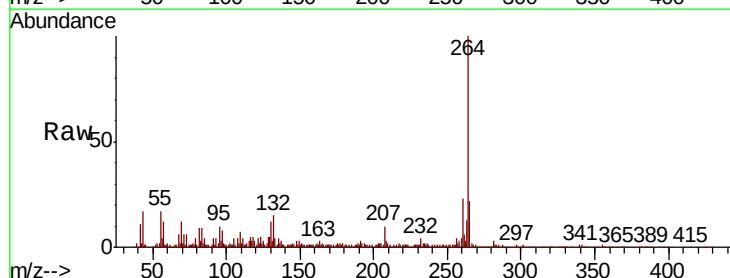
Tgt Ion:264 Resp: 222035

Ion Ratio Lower Upper

264 100

260 23.3 18.3 27.5

265 21.7 17.7 26.5



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

