

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030819\
 Data File : BF112945.D
 Acq On : 8 Mar 2019 15:38
 Operator : JU/SJ
 Sample : K1800-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERM-33

Quant Time: Mar 08 23:32:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

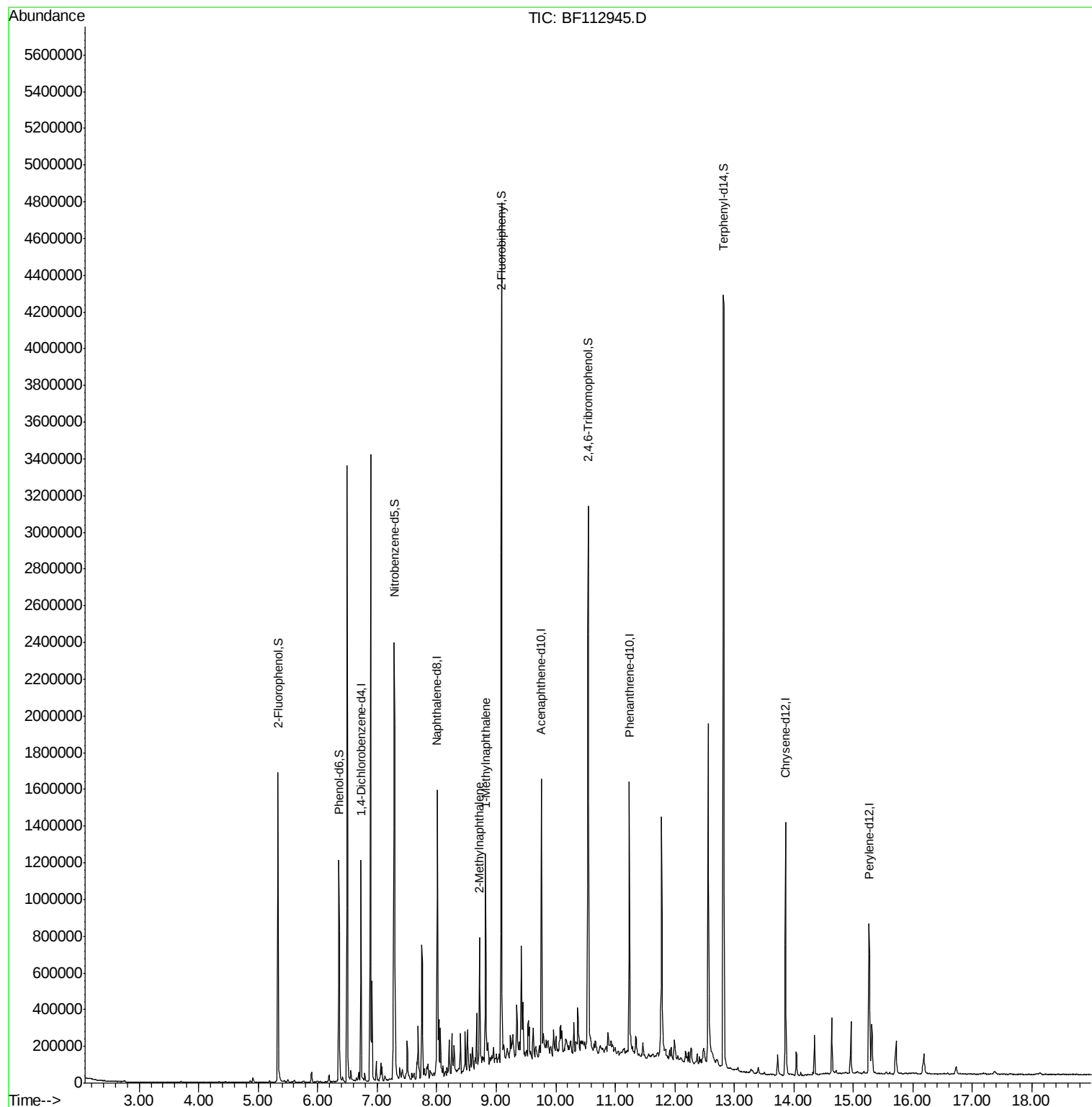
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	165255	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	607712	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	300870	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	608924	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	506756	20.00	ng	-0.02
87) Perylene-d12	15.26	264	445122	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	469677	44.21	ng	-0.01
7) Phenol-d6	6.36	99	394681	29.58	ng	-0.01
23) Nitrobenzene-d5	7.29	82	812875	80.04	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	419791	131.43	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1486917	80.82	ng	-0.01
79) Terphenyl-d14	12.82	244	1684700	64.44	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.72	142	179147	9.194	ng	99
38) 1-Methylnaphthalene	8.82	142	291169	15.427	ng	98

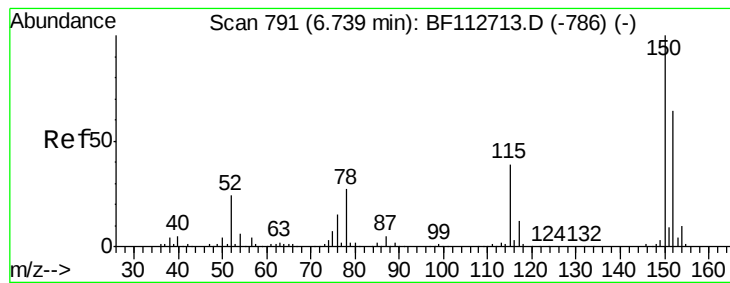
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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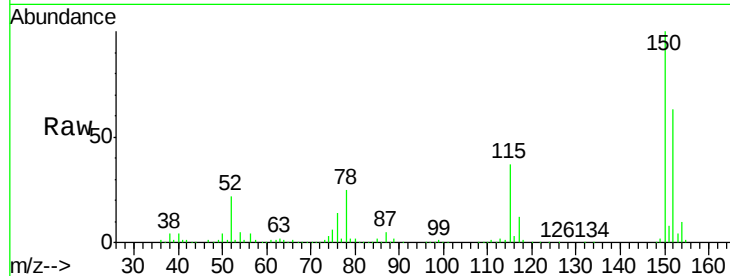


#1

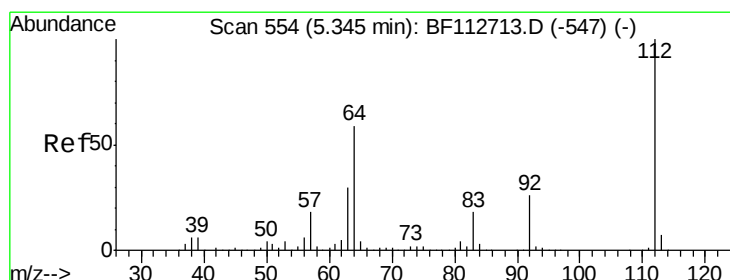
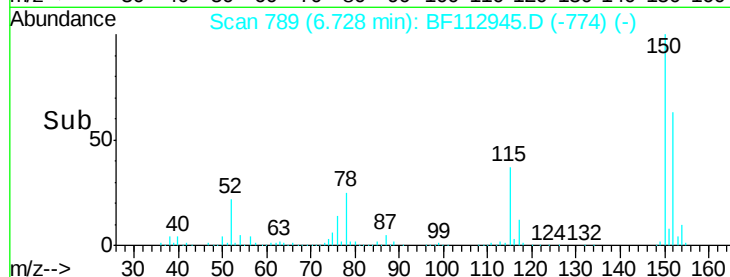
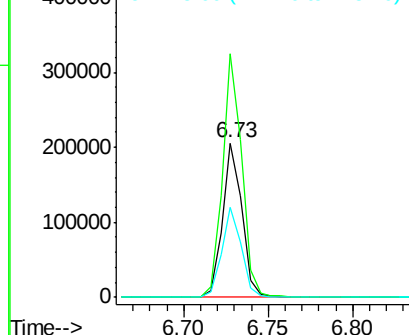
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tgt Ion:152 Resp: 165255
Ion Ratio Lower Upper
152 100
150 157.6 124.2 186.2
115 58.5 48.2 72.4



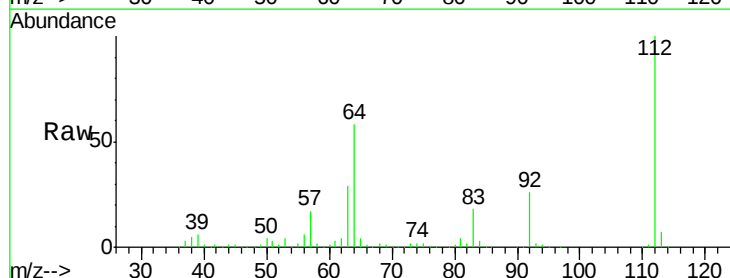
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



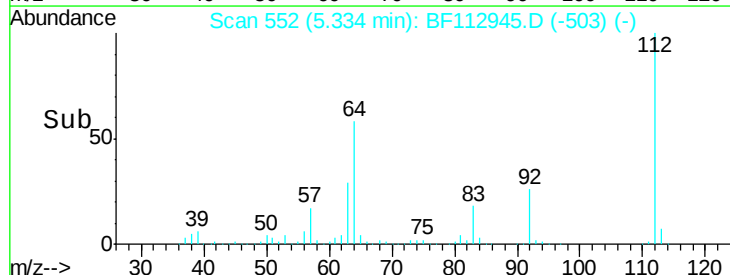
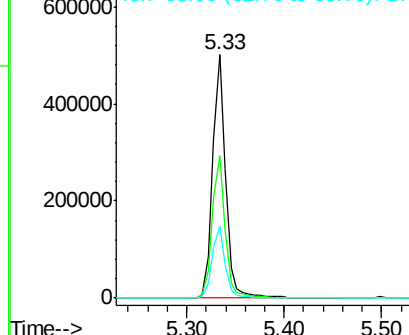
#5

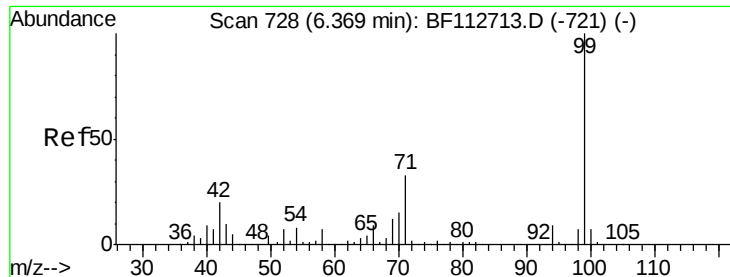
2-Fluorophenol
Concen: 44.211 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Tgt Ion:112 Resp: 469677
Ion Ratio Lower Upper
112 100
64 58.4 47.6 71.4
63 29.4 24.4 36.6



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: 29.575 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF112945.D

Acq: 8 Mar 2019 15:38

Instrument :

BNA_F

ClientSampleId :

ERM-33

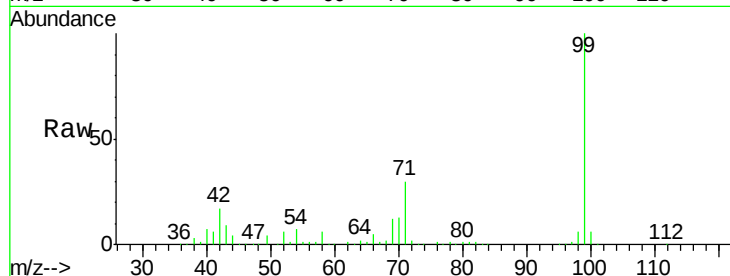
Tgt Ion: 99 Resp: 394681

Ion Ratio Lower Upper

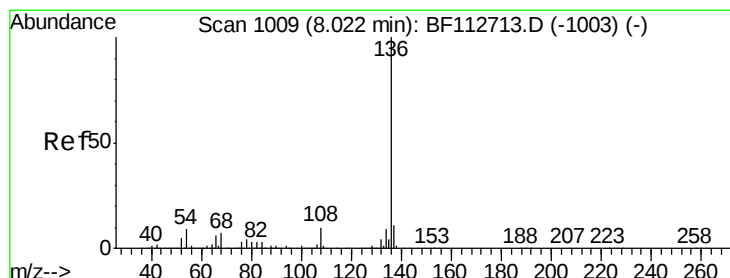
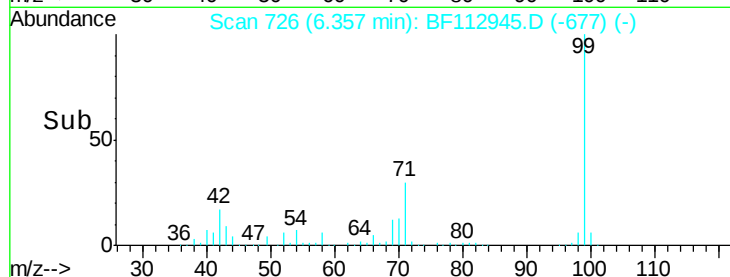
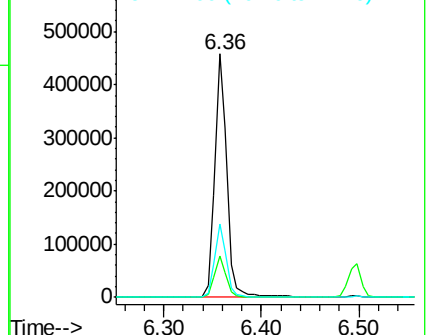
99 100

42 17.2 16.3 24.5

71 29.9 26.2 39.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112945.D

Acq: 8 Mar 2019 15:38

Tgt Ion: 136 Resp: 607712

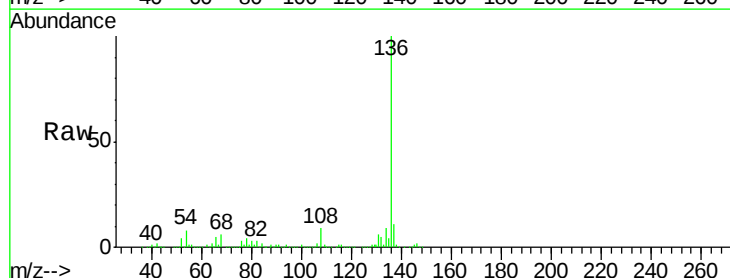
Ion Ratio Lower Upper

136 100

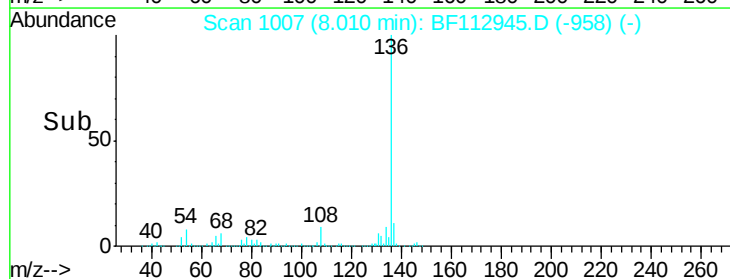
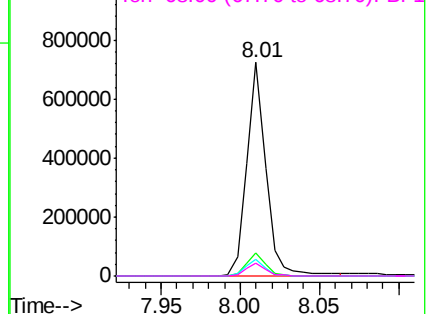
137 10.9 8.9 13.3

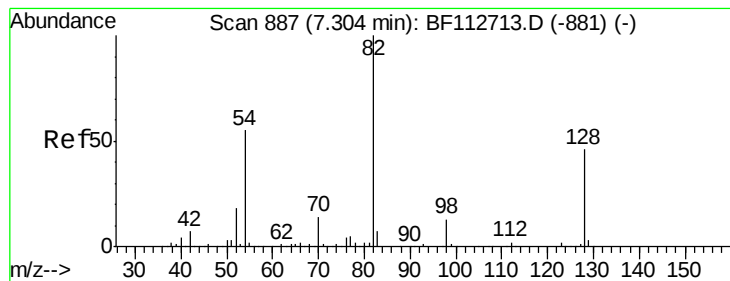
54 8.0 7.3 10.9

68 6.1 5.4 8.2



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: 80.039 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF112945.D

Acq: 8 Mar 2019 15:38

Instrument :

BNA_F

ClientSampleId :

ERM-33

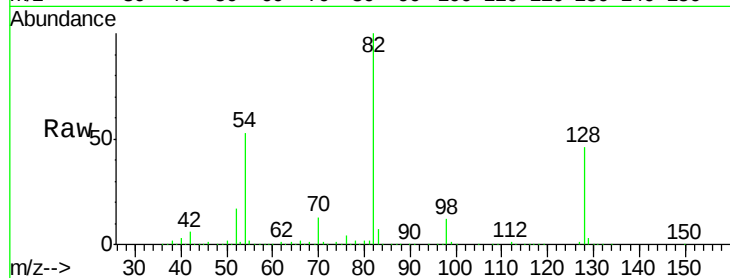
Tgt Ion: 82 Resp: 812875

Ion Ratio Lower Upper

82 100

128 46.0 36.3 54.5

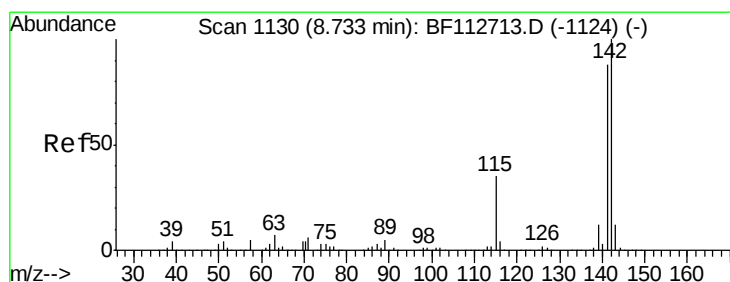
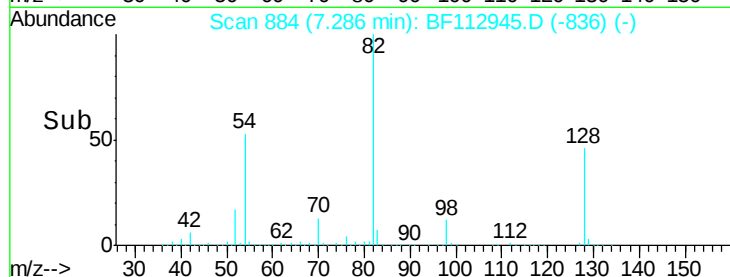
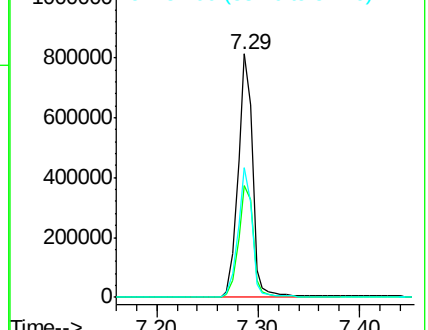
54 53.1 43.7 65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#37

2-Methylnaphthalene

Concen: 9.194 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF112945.D

Acq: 8 Mar 2019 15:38

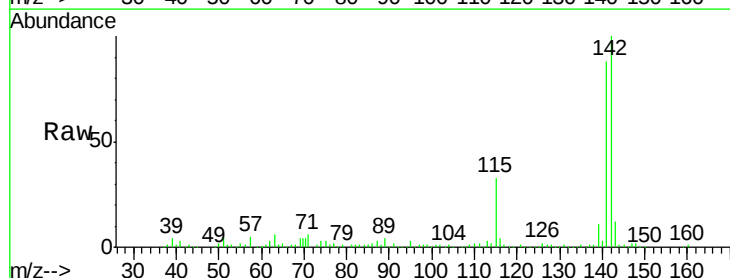
Tgt Ion: 142 Resp: 179147

Ion Ratio Lower Upper

142 100

141 87.5 70.3 105.5

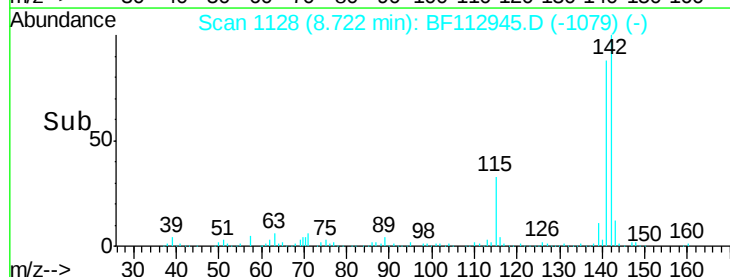
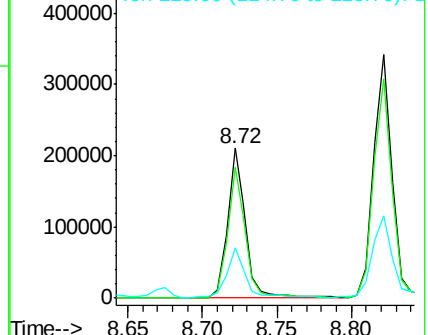
115 33.4 27.8 41.6

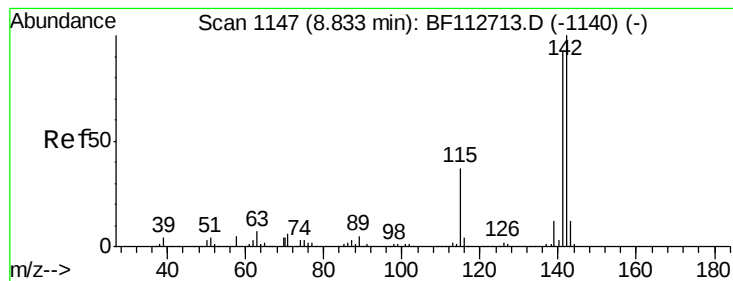


Abundance Ion 142.00 (141.70 to 142.70): BF1

Ion 141.00 (140.70 to 141.70): BF1

Ion 115.00 (114.70 to 115.70): BF1





#38

1-Methylnaphthalene

Concen: 15.427 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF112945.D

Acq: 8 Mar 2019 15:38

Instrument :

BNA_F

ClientSampleId :

ERM-33

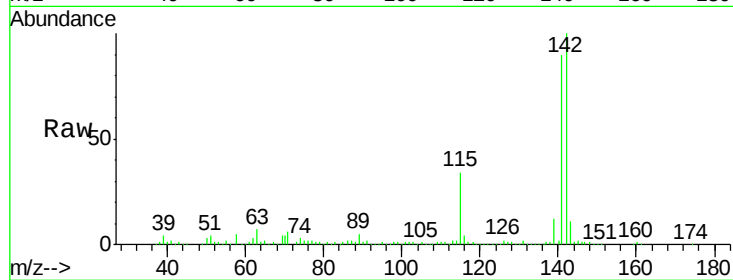
Tgt Ion:142 Resp: 291169

Ion Ratio Lower Upper

142 100

141 90.3 73.7 110.5

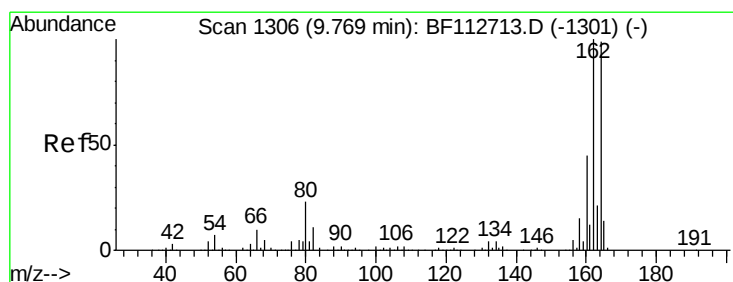
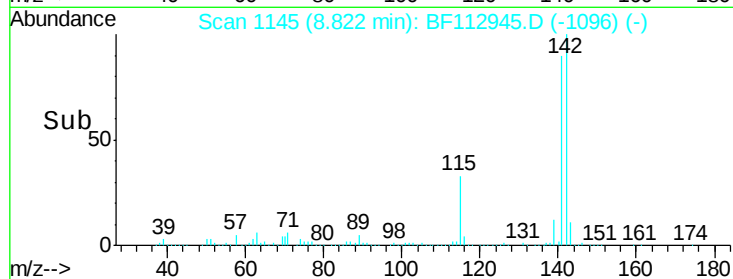
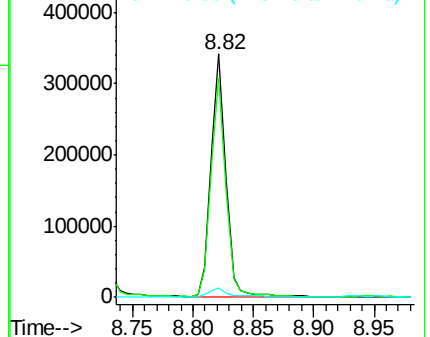
116 4.0 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF112945.D

Acq: 8 Mar 2019 15:38

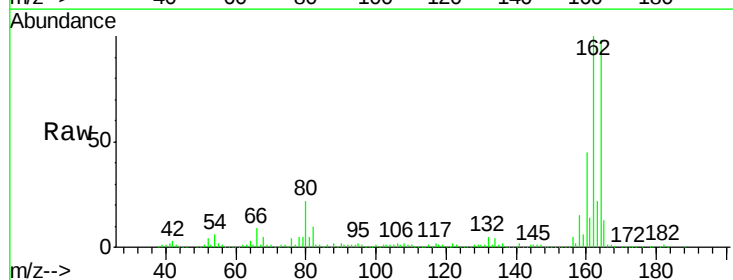
Tgt Ion:164 Resp: 300870

Ion Ratio Lower Upper

164 100

162 101.9 80.6 120.8

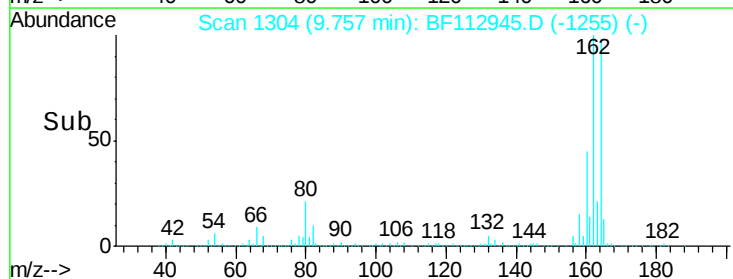
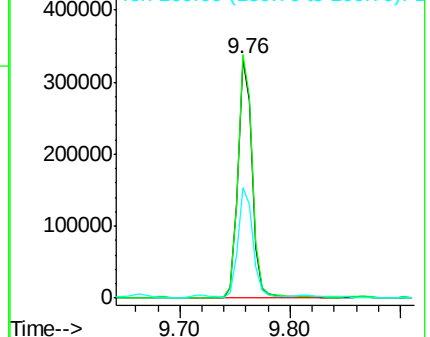
160 46.1 36.0 54.0

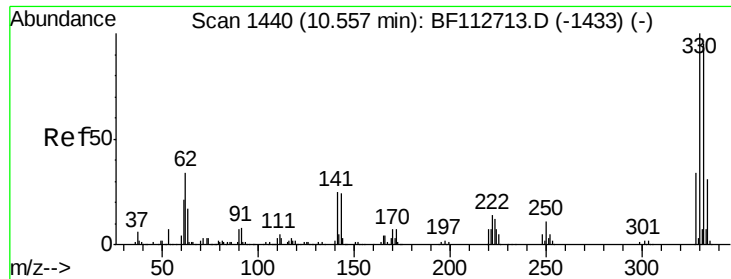


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

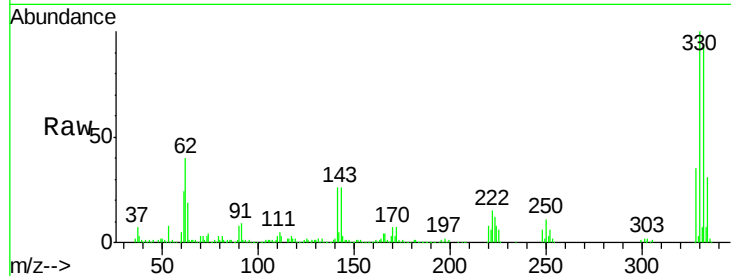




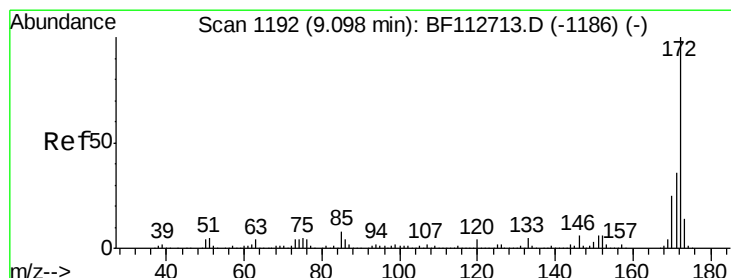
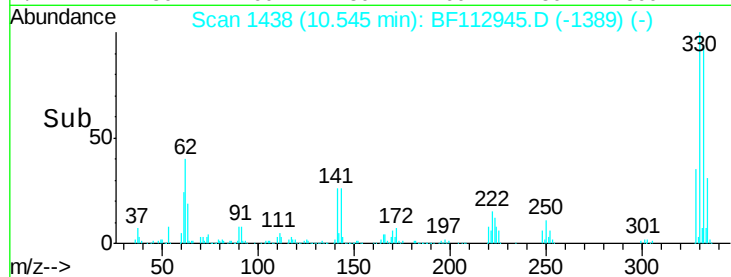
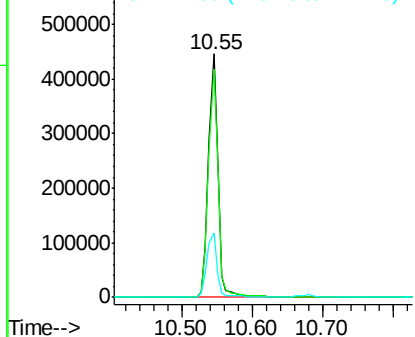
#42
 2,4,6-Tribromophenol
 Concen: 131.427 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112945.D
 Acq: 8 Mar 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 ERM-33

Tgt Ion:330 Resp: 419791
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.2 114.4
 141 28.1 27.0 40.6

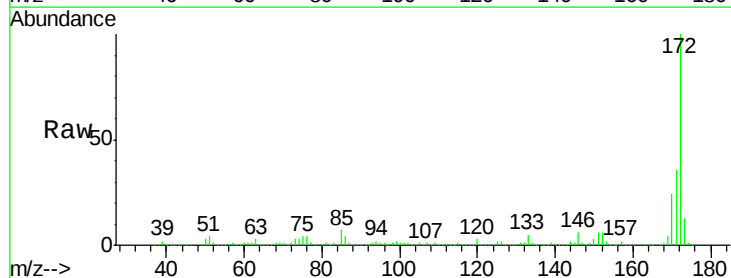


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

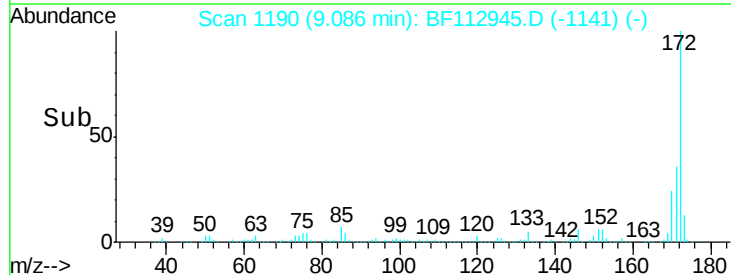
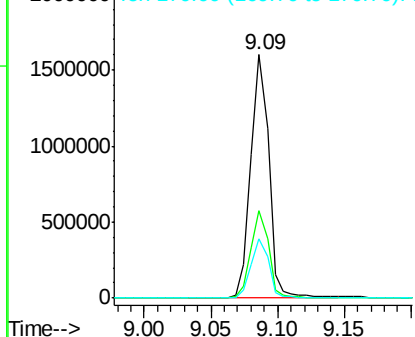


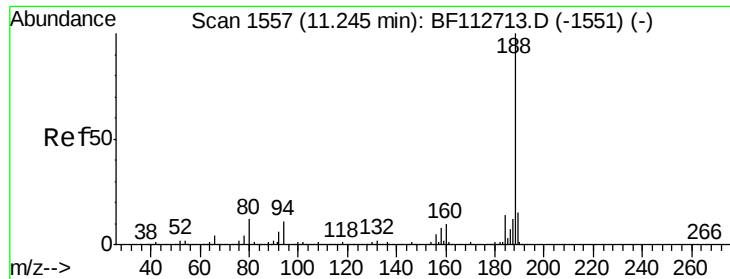
#45
 2-Fluorobiphenyl
 Concen: 80.825 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112945.D
 Acq: 8 Mar 2019 15:38

Tgt Ion:172 Resp: 1486917
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 24.4 20.0 30.0



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

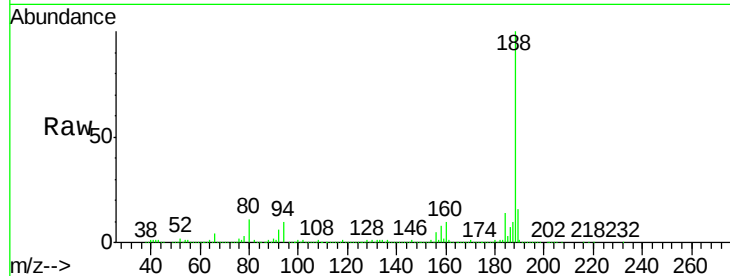




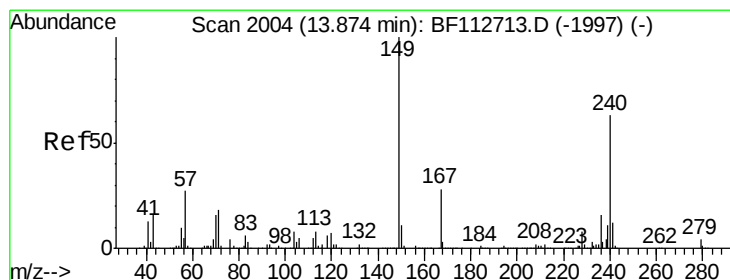
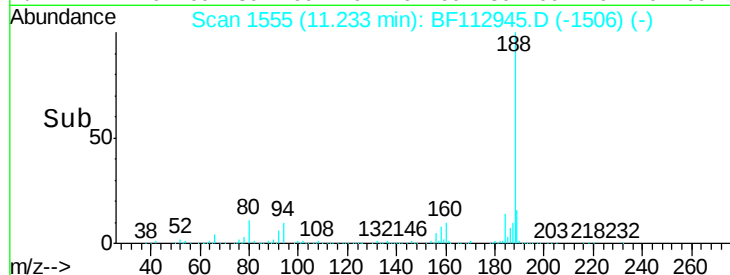
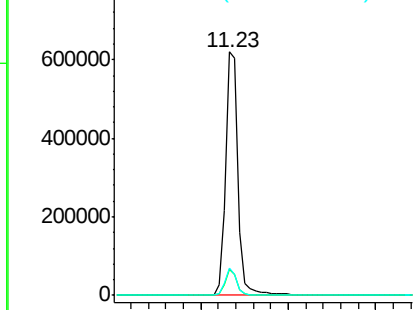
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Instrument :
BNA_F
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Tgt Ion:188 Resp: 608924
Ion Ratio Lower Upper
188 100
94 10.4 9.0 13.4
80 11.4 9.2 13.8

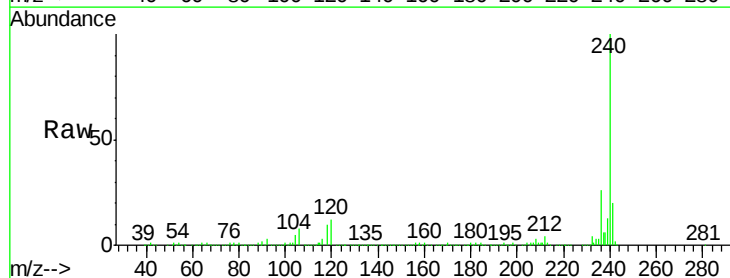


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

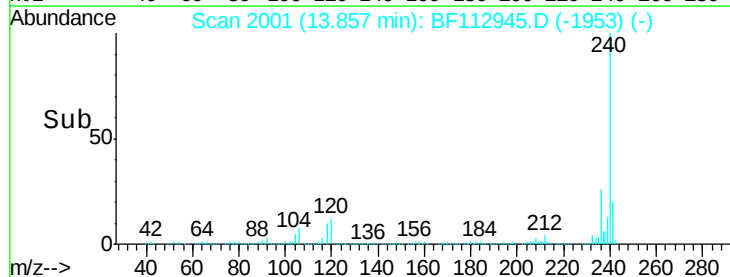
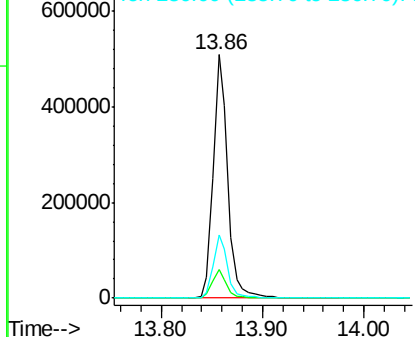


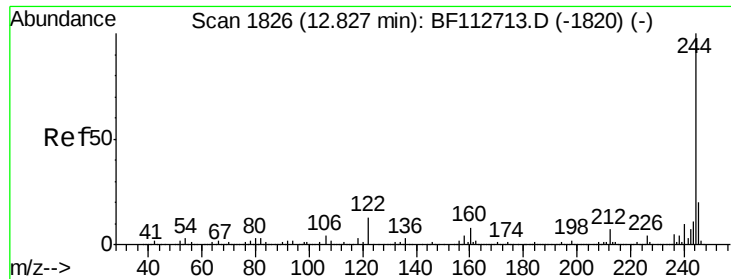
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Tgt Ion:240 Resp: 506756
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 25.9 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





#79

Terphenyl-d14

Concen: 64.445 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112945.D

Acq: 8 Mar 2019 15:38

Instrument :

BNA_F

ClientSampleId :

ERM-33

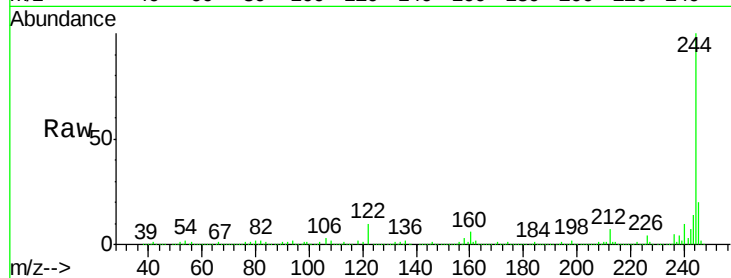
Tgt Ion:244 Resp: 1684700

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

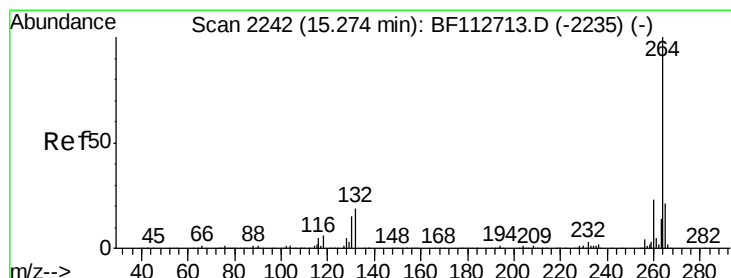
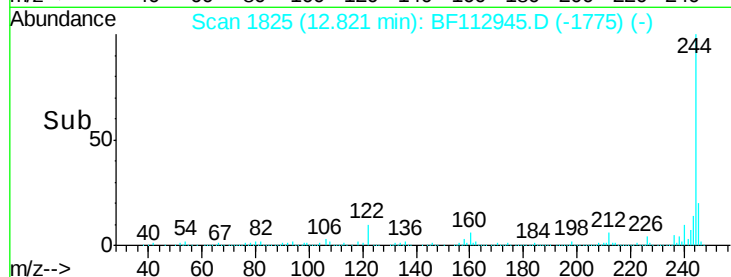
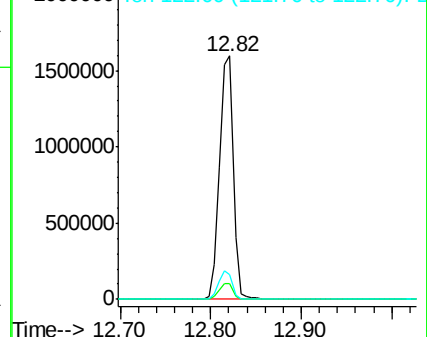
122 10.0 10.5 15.7#



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: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF112945.D

Acq: 8 Mar 2019 15:38

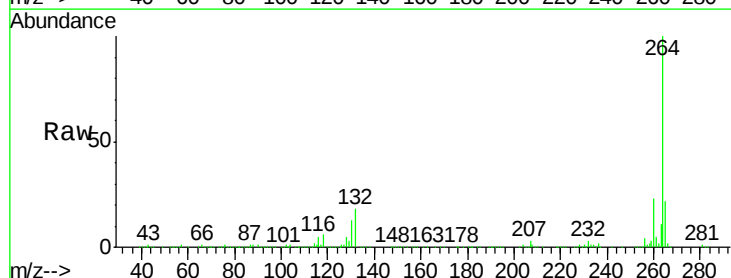
Tgt Ion:264 Resp: 445122

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.8 17.2 25.8



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

