

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111544.D
 Acq On : 17 Dec 2018 17:41
 Operator : JU/SJ
 Sample : J6440-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Quant Time: Dec 18 06:00:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

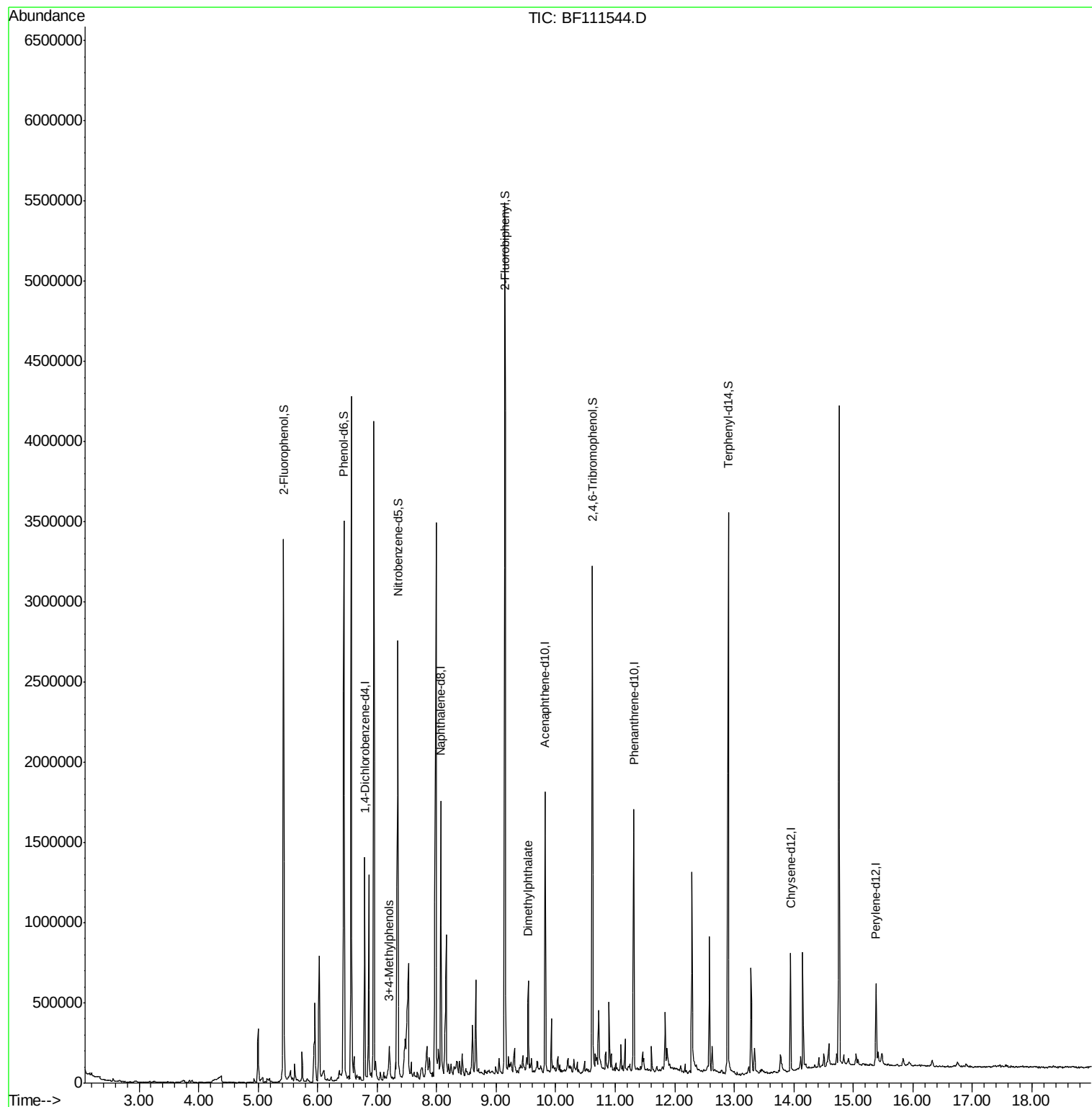
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	187888	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	756044	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	358552	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	616286	20.00	ng	0.00
76) Chrysene-d12	13.95	240	255143	20.00	ng	0.00
87) Perylene-d12	15.38	264	233805	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1009178	89.38	ng	0.01
7) Phenol-d6	6.44	99	1153166	76.78	ng	0.00
23) Nitrobenzene-d5	7.35	82	1023463	80.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	368779	114.82	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1847941	79.61	ng	-0.01
79) Terphenyl-d14	12.90	244	1276271	117.46	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.20	107	60239	4.423	ng	Qvalue # 57
50) Dimethylphthalate	9.54	163	223835	8.668	ng	97

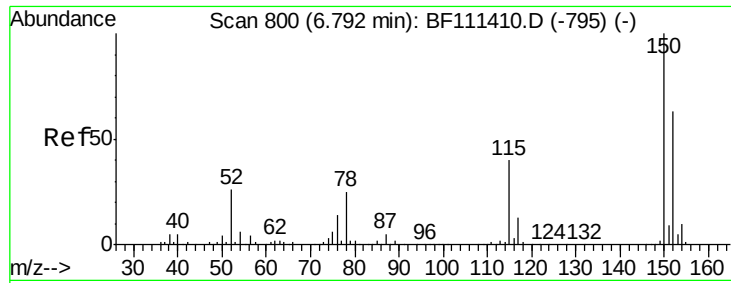
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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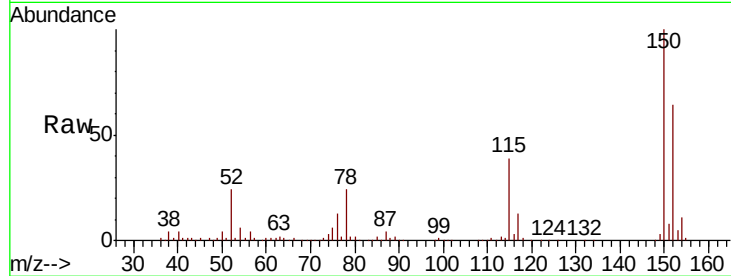


#1

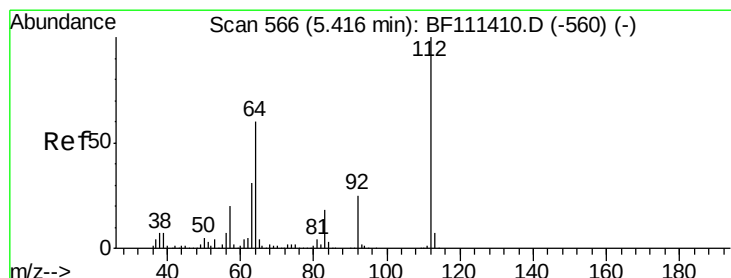
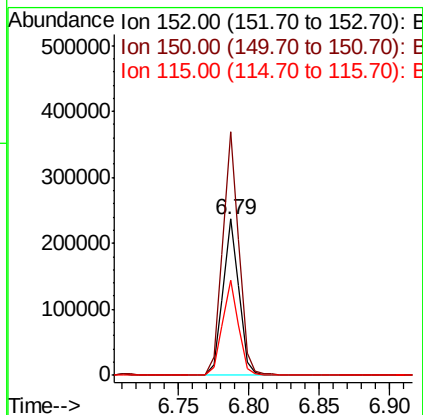
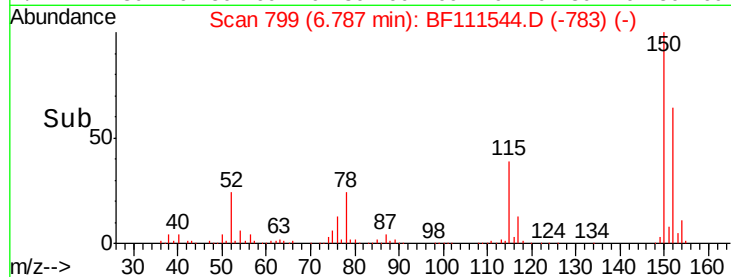
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF111544.D
 Acq: 17 Dec 2018 17:41

Instrument :
 BNA_F
 ClientSampled :
 COMP-4

Tot Ion:152 Resp: 187888
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.6 189.8
 115 60.7 50.7 76.1



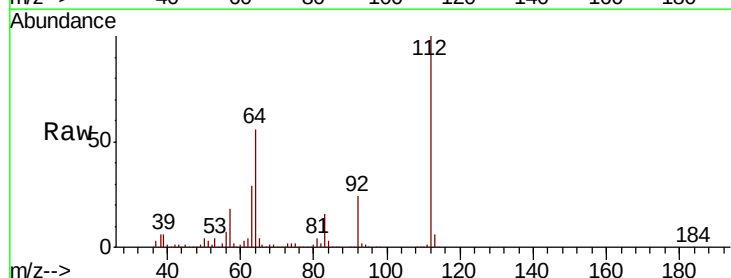
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



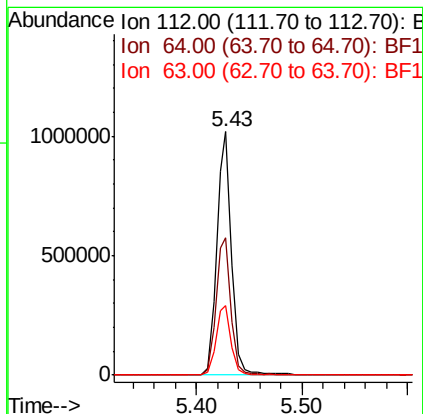
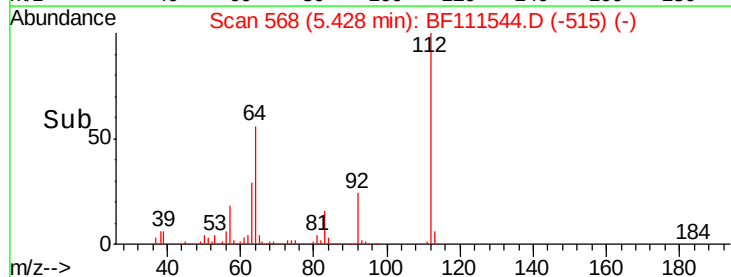
#5

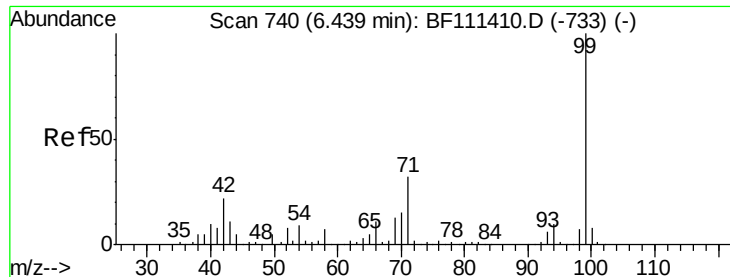
2-Fluorophenol
 Concen: 89.379 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF111544.D
 Acq: 17 Dec 2018 17:41

Tgt Ion:112 Resp: 1009178
 Ion Ratio Lower Upper
 112 100
 64 56.3 51.8 77.6
 63 28.8 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: 76.781 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111544.D

Acq: 17 Dec 2018 17:41

Instrument :

BNA_F

ClientSampleId :

COMP-4

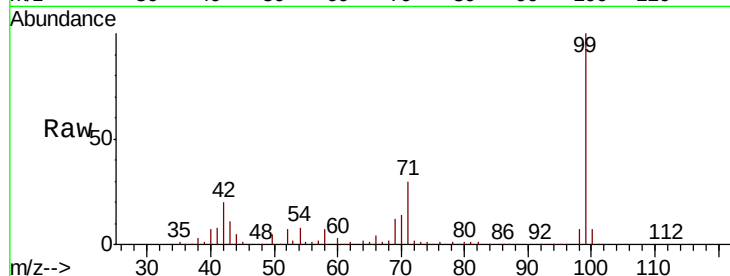
Tot Ion: 99 Resp: 1153166

Ion Ratio Lower Upper

99 100

42 19.6 17.4 26.0

71 30.2 26.1 39.1

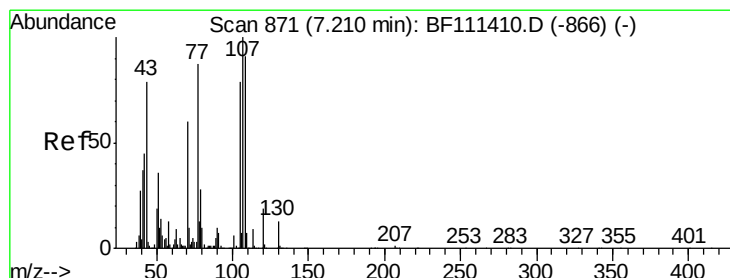
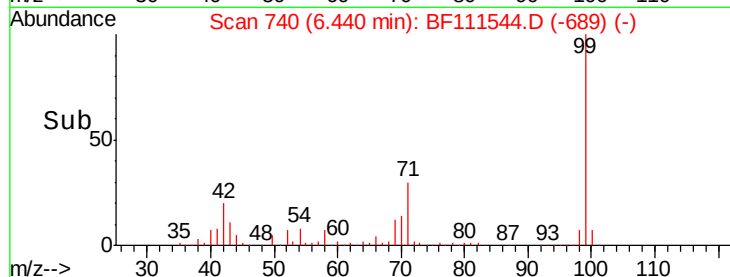
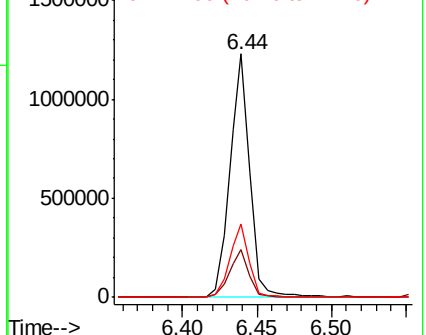


Abundance

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



#20

3+4-Methylphenols

Concen: 4.423 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF111544.D

Acq: 17 Dec 2018 17:41

Tgt Ion: 107 Resp: 60239

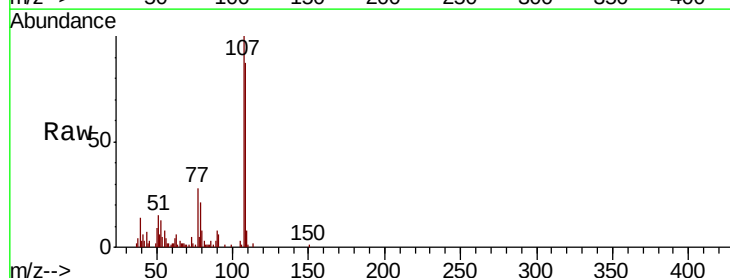
Ion Ratio Lower Upper

107 100

108 87.5 72.1 112.1

77 27.9 94.1 134.1#

79 20.6 9.8 49.8



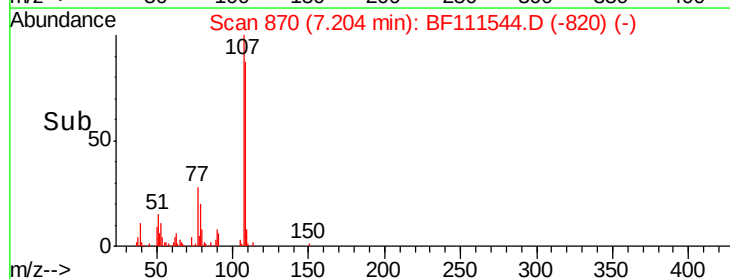
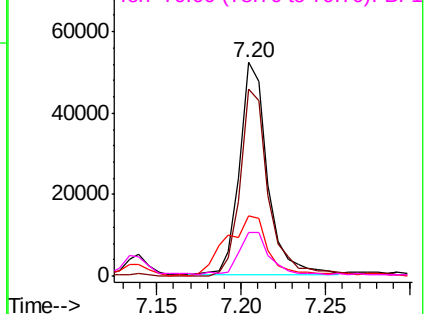
Abundance

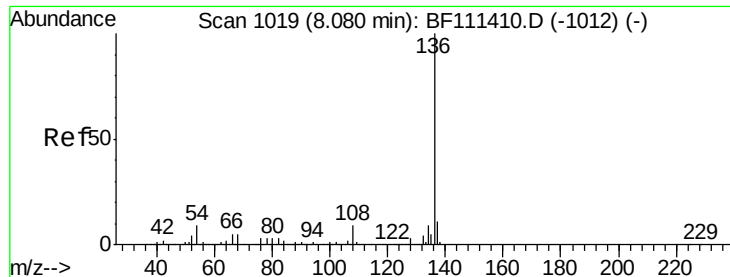
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

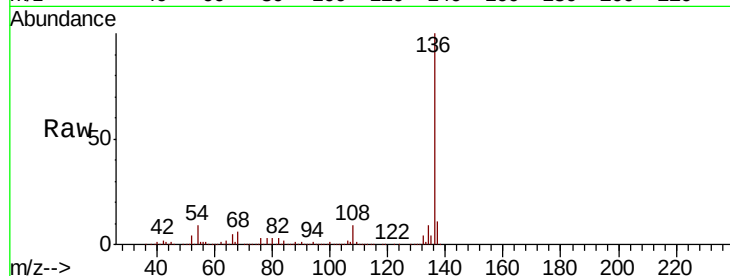




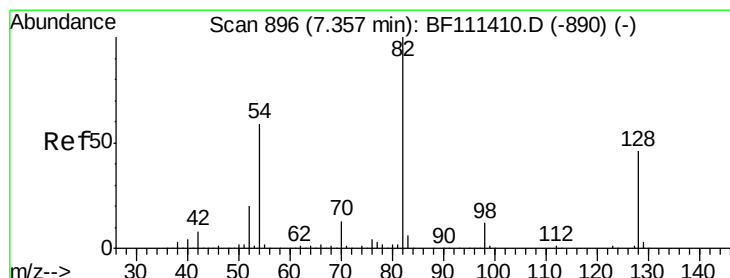
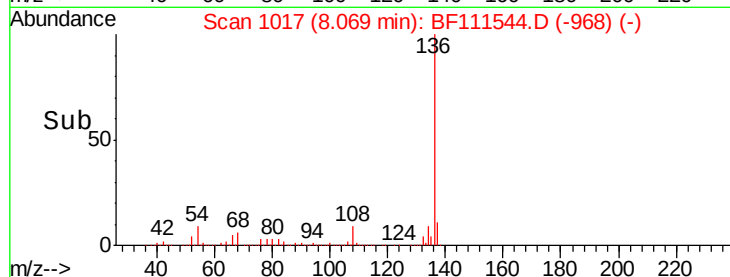
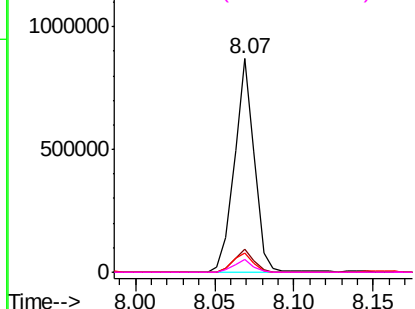
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111544.D
Acq: 17 Dec 2018 17:41

Instrument :
BNA_F
ClientSampleId :
COMP-4

Tot Ion:136	Resp:	756044
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.1 13.7
54	9.1	7.7 11.5
68	5.7	4.9 7.3

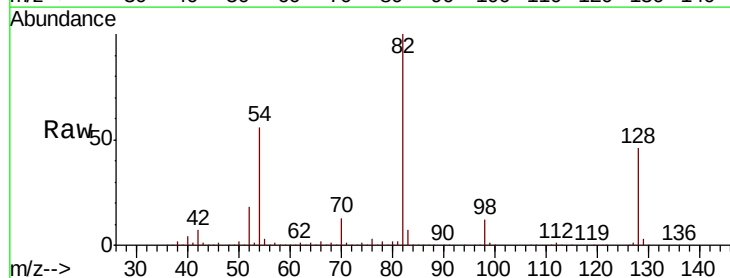


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

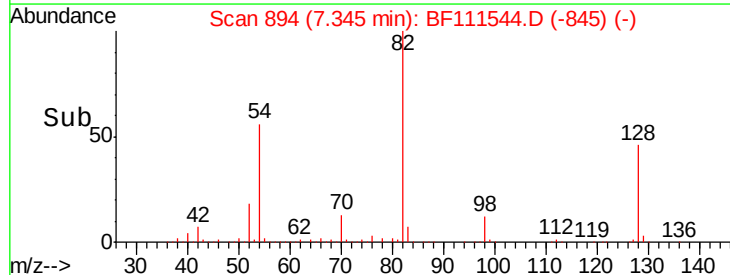
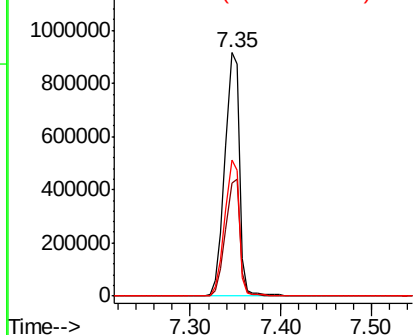


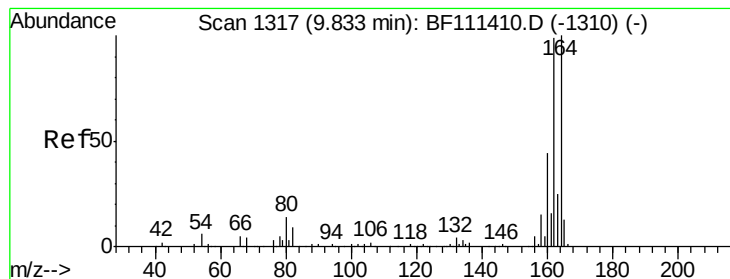
#23
Nitrobenzene-d5
Concen: 80.612 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111544.D
Acq: 17 Dec 2018 17:41

Tgt Ion: 82	Resp:	1023463
Ion	Ratio	Lower Upper
82	100	
128	46.4	37.4 56.2
54	55.7	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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF111544.D

Acq: 17 Dec 2018 17:41

Instrument :

BNA_F

ClientSampleId :

COMP-4

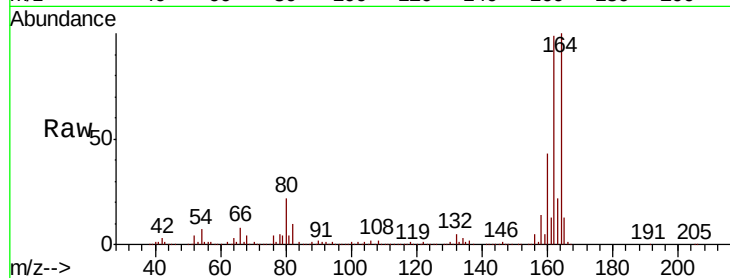
Tot Ion:164 Resp: 358552

Ion Ratio Lower Upper

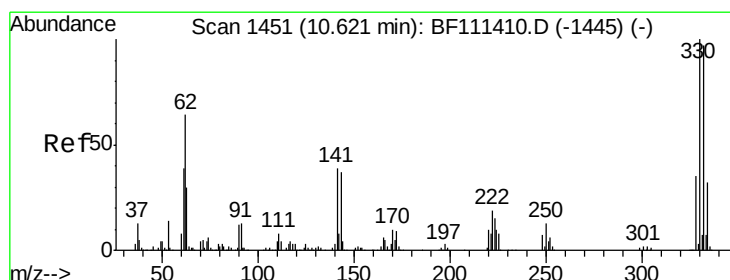
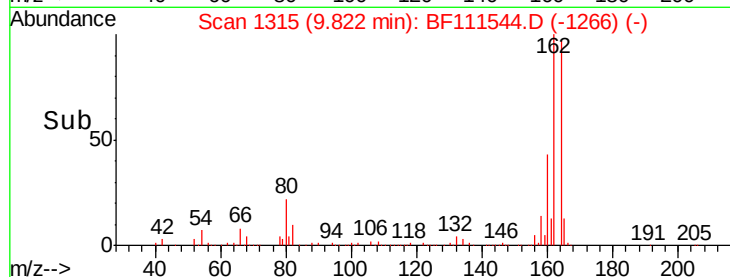
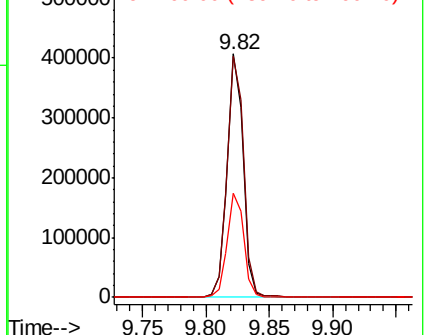
164 100

162 99.0 81.4 122.0

160 42.5 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: 114.818 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111544.D

Acq: 17 Dec 2018 17:41

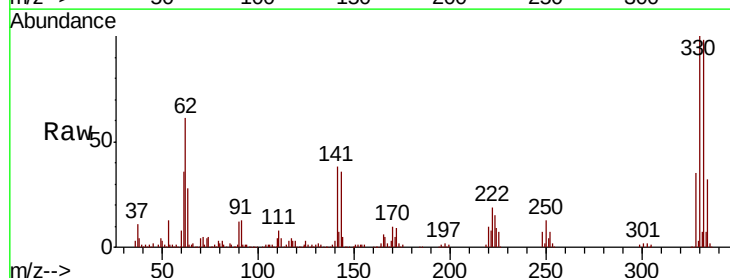
Tgt Ion:330 Resp: 368779

Ion Ratio Lower Upper

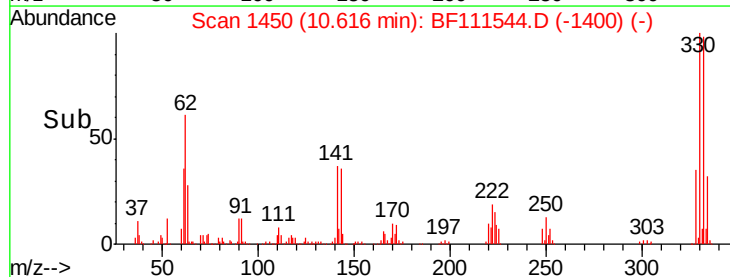
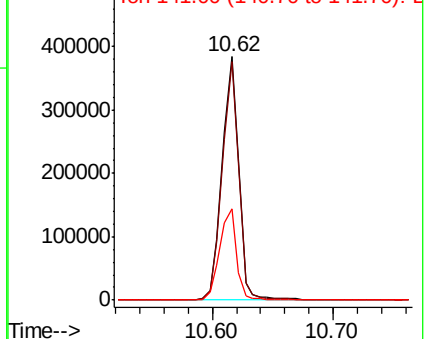
330 100

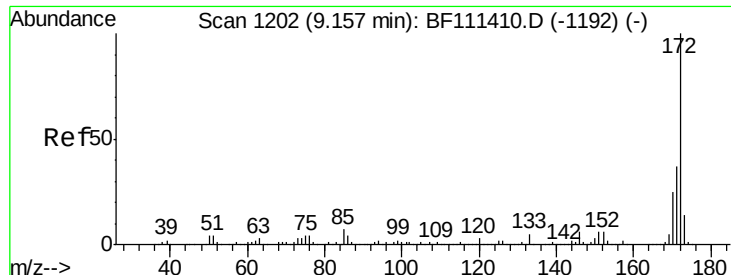
332 97.1 76.0 114.0

141 38.2 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

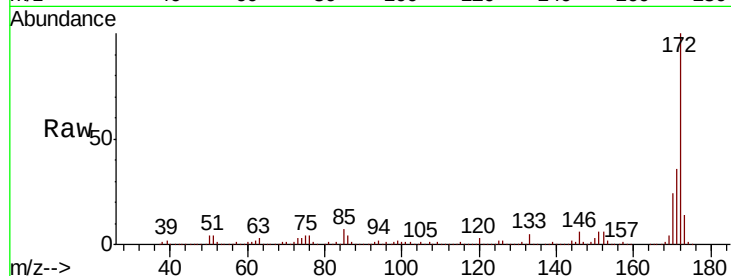




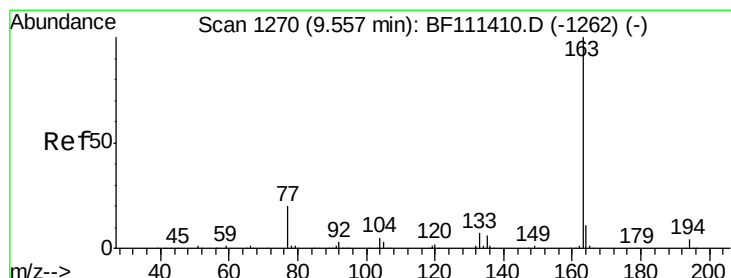
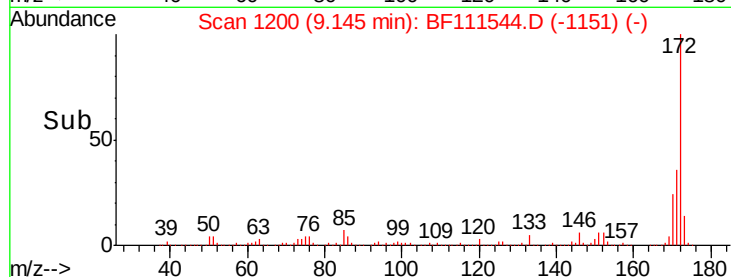
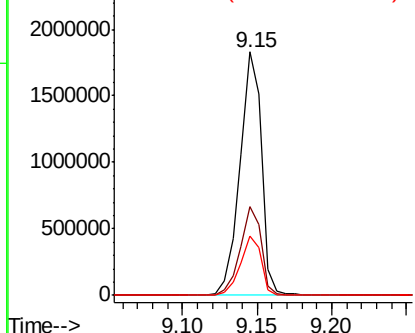
#45
2-Fluorobiphenyl
Concen: 79.609 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111544.D
Acq: 17 Dec 2018 17:41

Instrument :
BNA_F
ClientSampleId :
COMP-4

Tot Ion:172 Resp: 1847941
Ion Ratio Lower Upper
172 100
171 36.3 33.0 49.4
170 24.1 22.3 33.5

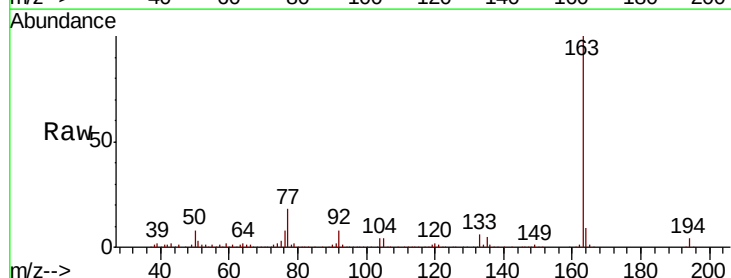


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

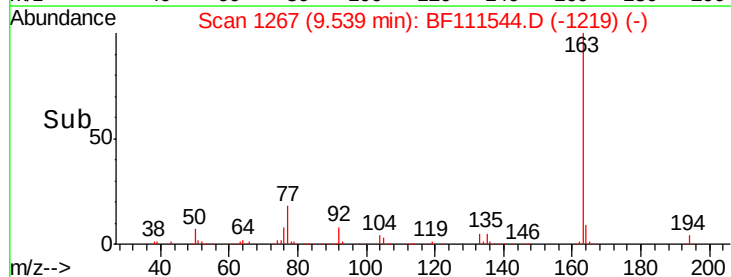
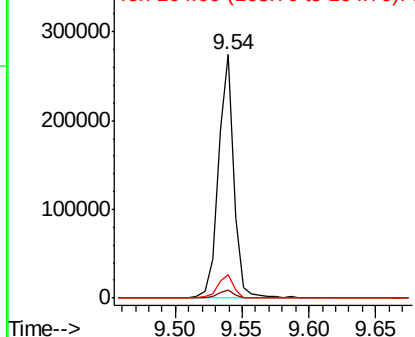


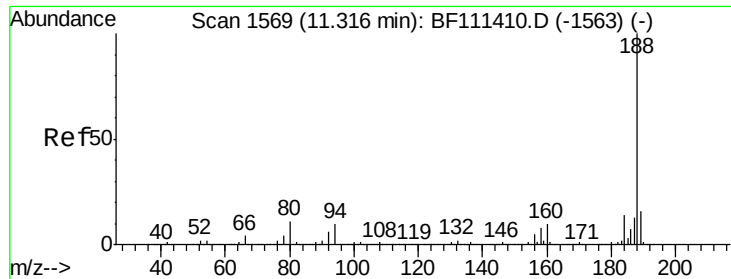
#50
Dimethylphthalate
Concen: 8.668 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111544.D
Acq: 17 Dec 2018 17:41

Tgt Ion:163 Resp: 223835
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.5 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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111544.D

Acq: 17 Dec 2018 17:41

Instrument :

BNA_F

ClientSampleId :

COMP-4

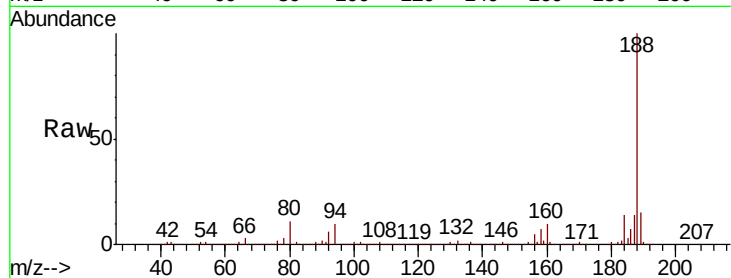
Tot Ion:188 Resp: 616286

Ion Ratio Lower Upper

188 100

94 10.4 9.6 14.4

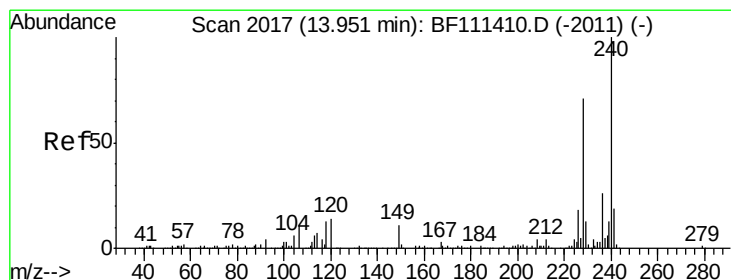
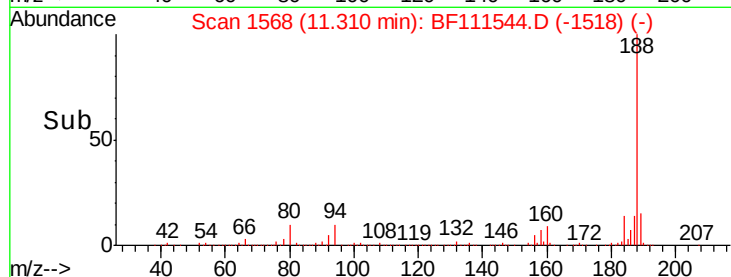
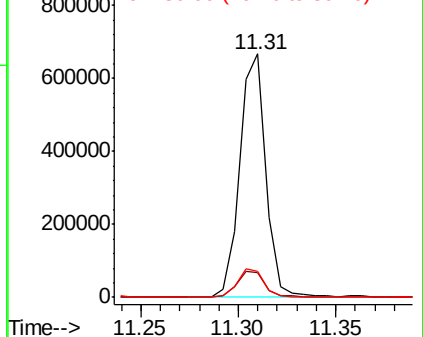
80 10.7 9.8 14.6



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: 13.95 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111544.D

Acq: 17 Dec 2018 17:41

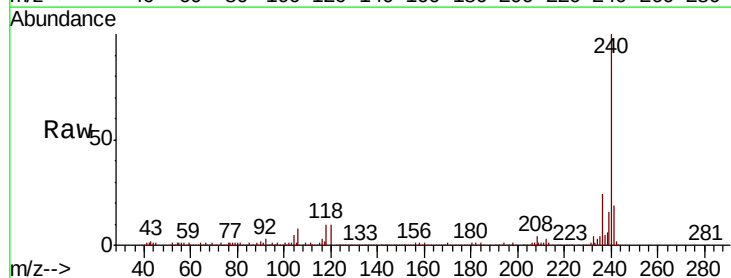
Tgt Ion:240 Resp: 255143

Ion Ratio Lower Upper

240 100

120 10.5 12.2 18.2#

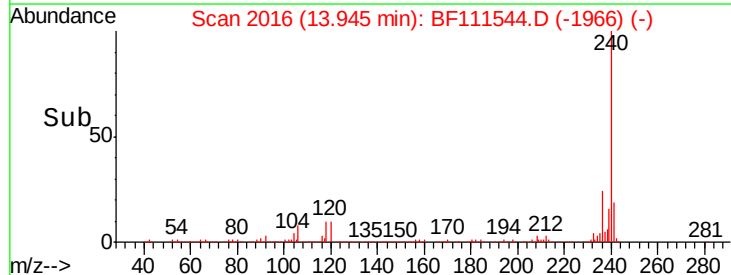
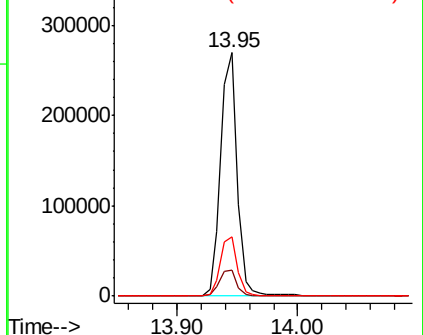
236 24.5 20.2 30.2

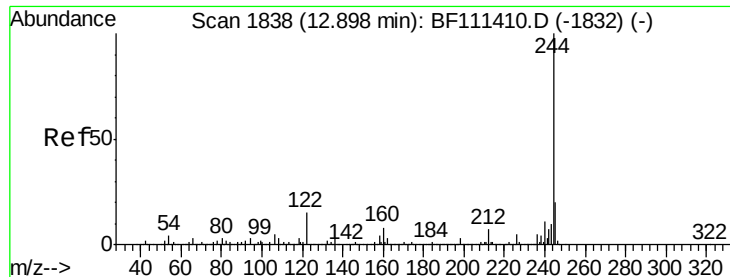


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 117.463 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111544.D

Acq: 17 Dec 2018 17:41

Instrument :

BNA_F

ClientSampleId :

COMP-4

Tot Ion:244 Resp: 1276271

Ion Ratio Lower Upper

244 100

212 6.3

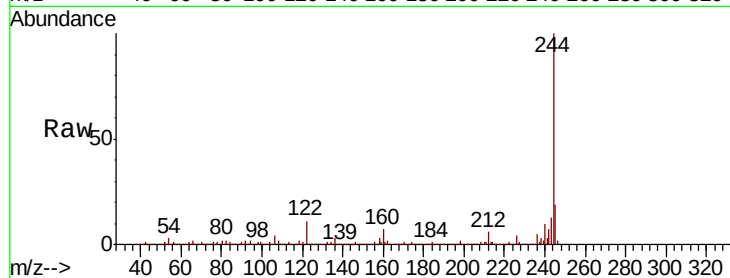
122 11.2

5.7

8.5

13.1

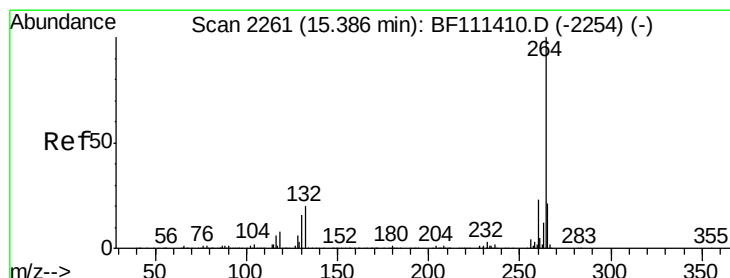
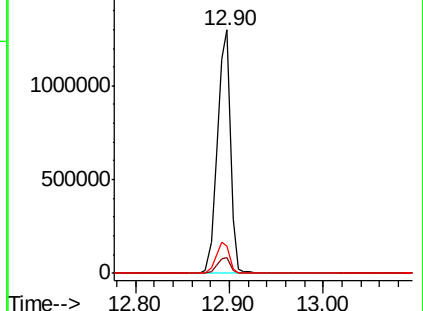
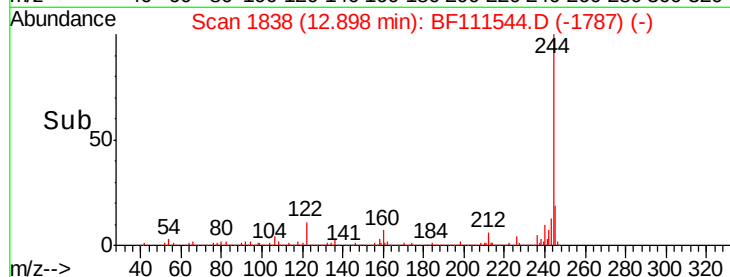
19.7#



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: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF111544.D

Acq: 17 Dec 2018 17:41

Tgt Ion:264 Resp: 233805

Ion Ratio Lower Upper

264 100

260 21.7

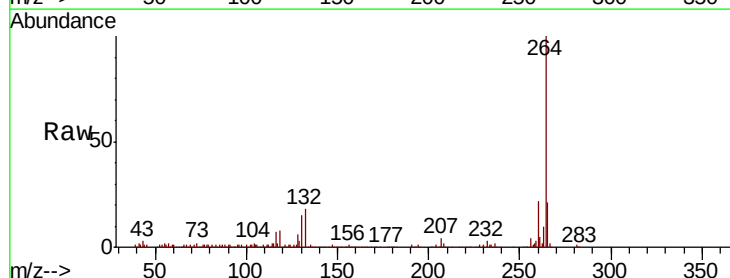
265 21.1

18.3

27.5

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

