

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111488.D
 Acq On : 16 Dec 2018 1:41
 Operator : JU/SJ
 Sample : J6341-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121018-JETT-F-U-S

Quant Time: Dec 16 03:00:33 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

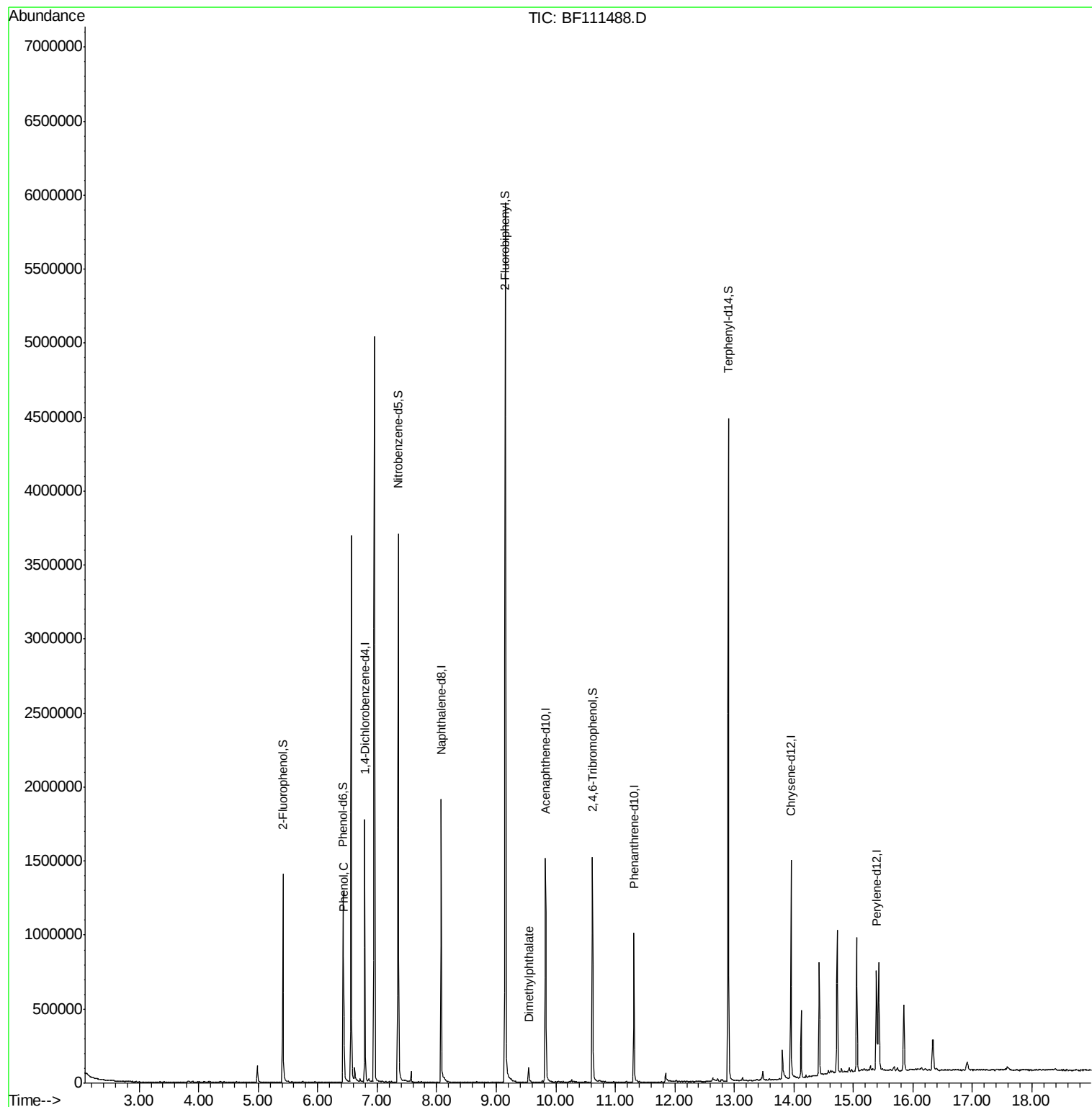
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	239935	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	843625	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	312617	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	374631	20.00	ng	0.00
76) Chrysene-d12	13.95	240	501708	20.00	ng	0.00
87) Perylene-d12	15.39	264	343510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	388706	26.96	ng	0.00
7) Phenol-d6	6.43	99	398081	20.76	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1274901	89.99	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	170660	60.94	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1930280	95.38	ng	0.00
79) Terphenyl-d14	12.90	244	1637784	76.66	ng	0.00
Target Compounds						
10) Phenol	6.44	94	77214	3.614	ng	88
50) Dimethylphthalate	9.55	163	55310	2.457	ng	97

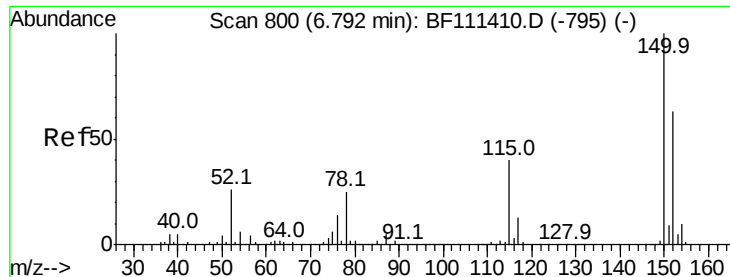
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF111488.D

Acq: 16 Dec 2018 1:41

Instrument :

BNA_F

ClientSampleId :

121018-JETT-F-U-S

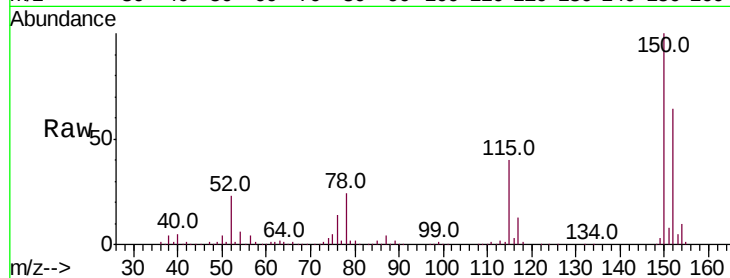
Tot Ion:152 Resp: 239935

Ion Ratio Lower Upper

152 100

150 157.3 126.6 189.8

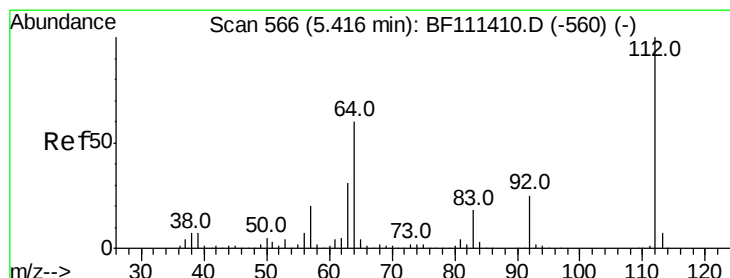
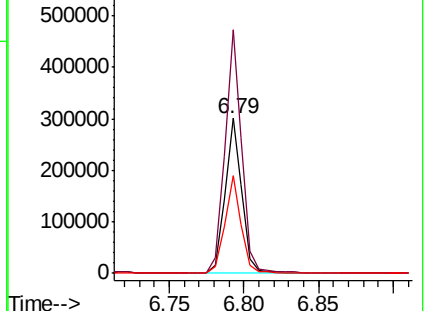
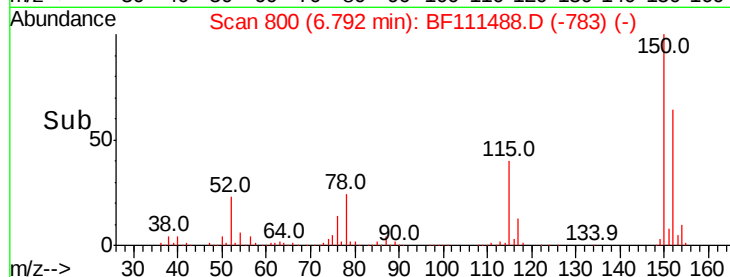
115 62.8 50.7 76.1



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: 26.959 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111488.D

Acq: 16 Dec 2018 1:41

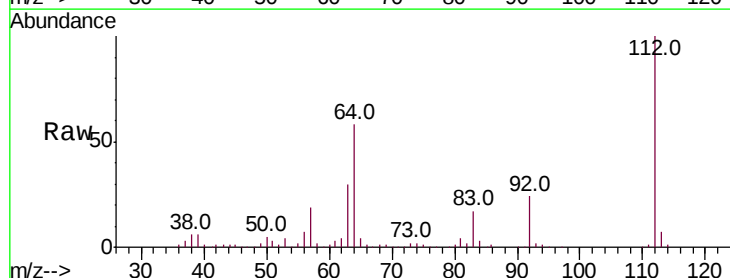
Tgt Ion:112 Resp: 388706

Ion Ratio Lower Upper

112 100

64 57.7 51.8 77.6

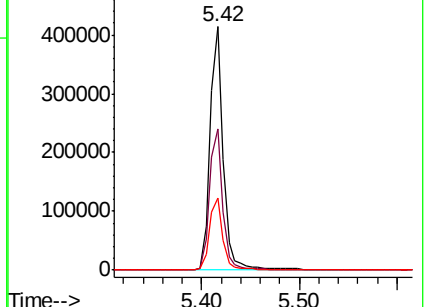
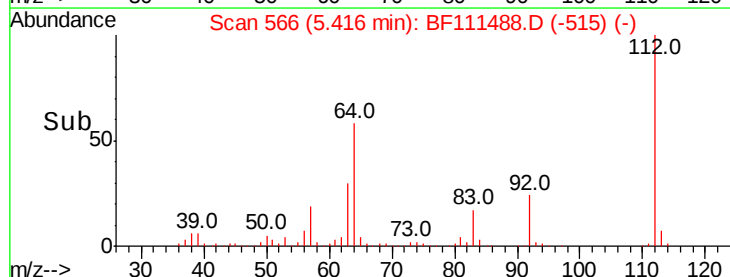
63 29.7 26.8 40.2

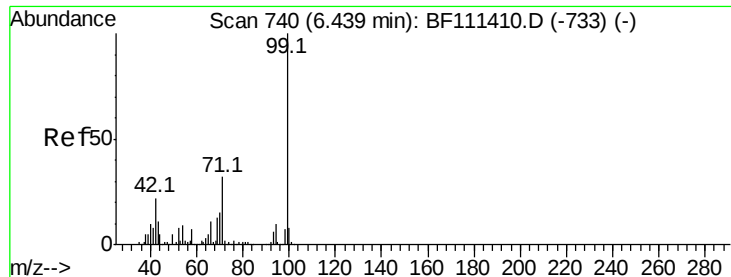


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 20.756 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111488.D

Acq: 16 Dec 2018 1:41

Instrument :

BNA_F

ClientSampleId :

121018-JETT-F-U-S

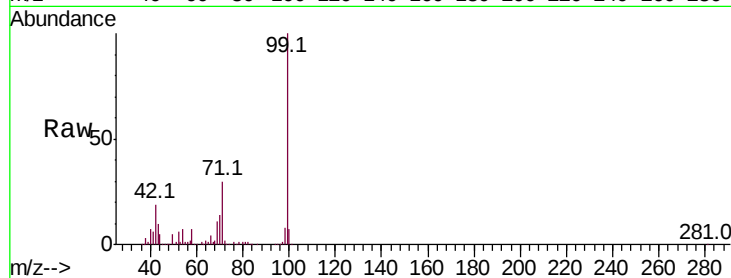
Tot Ion: 99 Resp: 398081

Ion Ratio Lower Upper

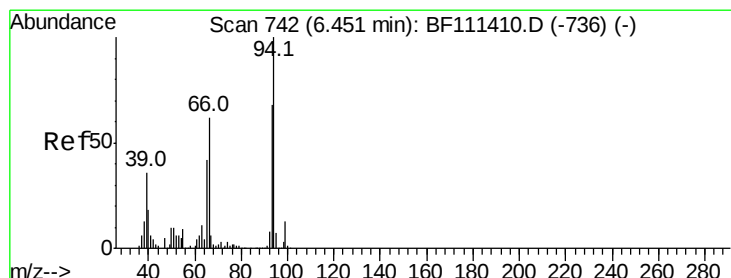
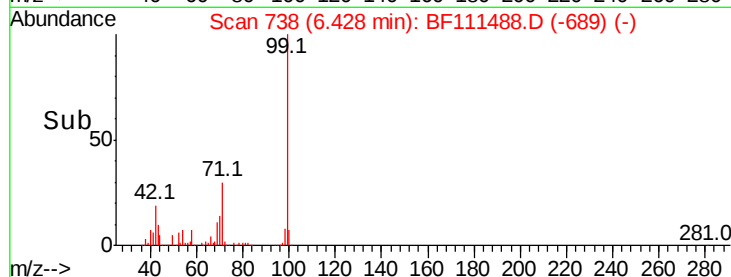
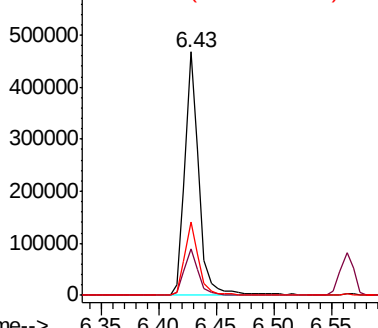
99 100

42 18.9 17.4 26.0

71 29.9 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



#10

Phenol

Concen: 3.614 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111488.D

Acq: 16 Dec 2018 1:41

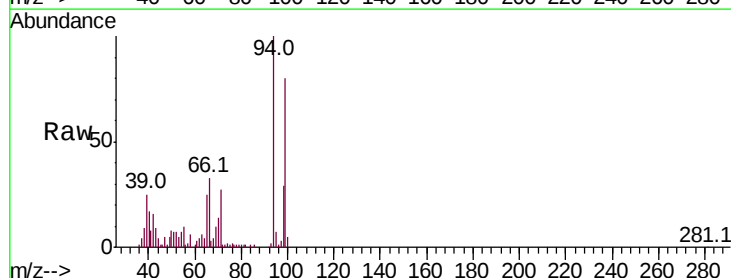
Tgt Ion: 94 Resp: 77214

Ion Ratio Lower Upper

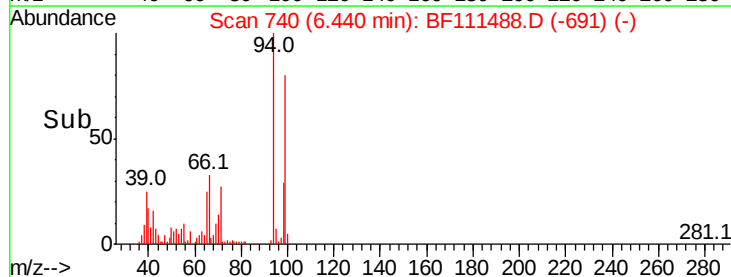
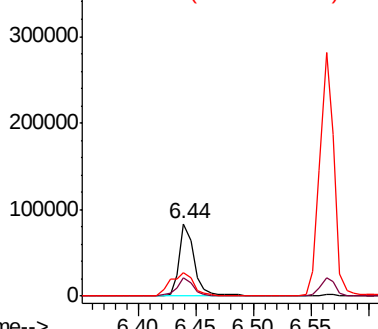
94 100

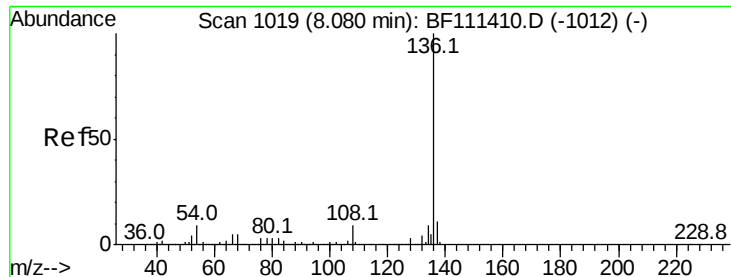
65 25.4 11.7 51.7

66 33.0 21.0 61.0



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111488.D

Acq: 16 Dec 2018 1:41

Instrument :

BNA_F

ClientSampleId :

121018-JETT-F-U-S

Tot Ion:136 Resp: 843625

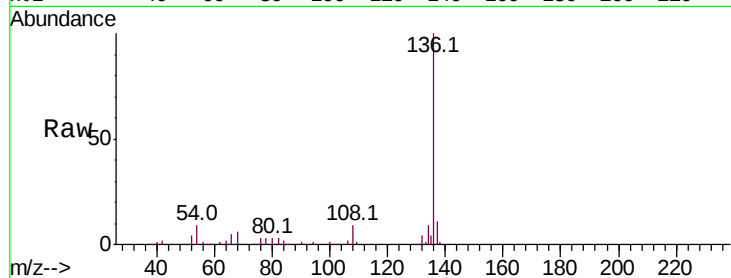
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 8.9 7.7 11.5

68 6.0 4.9 7.3

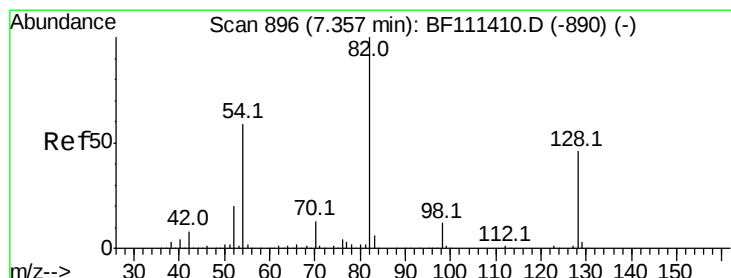
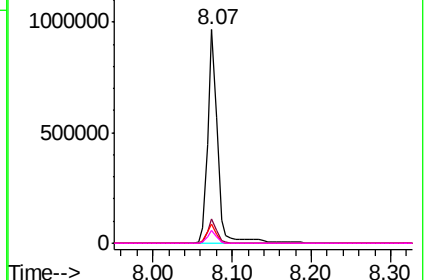
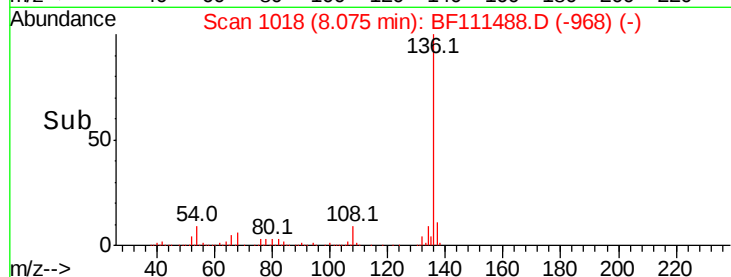


Abundance Ion 136.00 (135.70 to 136.70): E

1500000 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: 89.991 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF111488.D

Acq: 16 Dec 2018 1:41

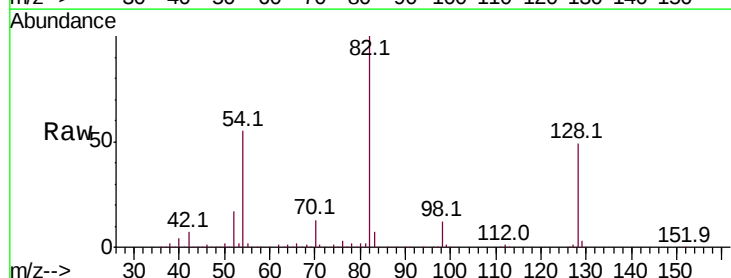
Tgt Ion: 82 Resp: 1274901

Ion Ratio Lower Upper

82 100

128 49.0 37.4 56.2

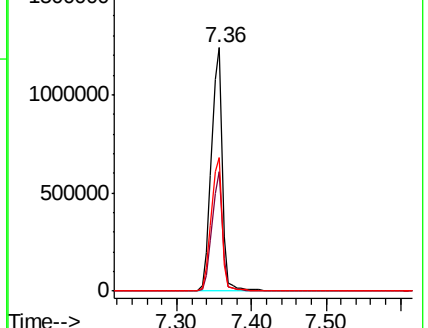
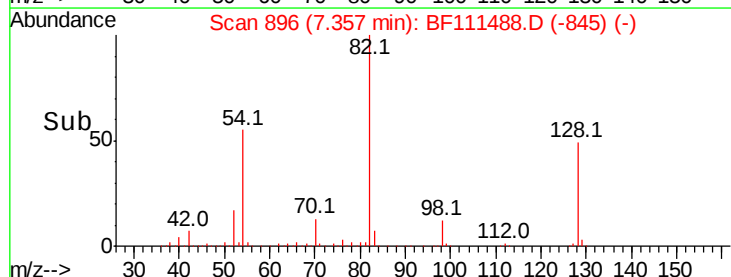
54 54.7 47.6 71.4

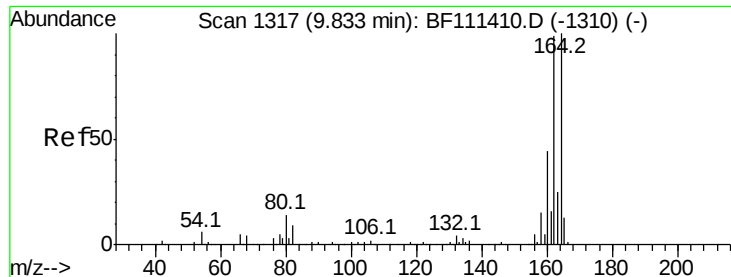


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111488.D

Acq: 16 Dec 2018 1:41

Instrument :

BNA_F

ClientSampleId :

121018-JETT-F-U-S

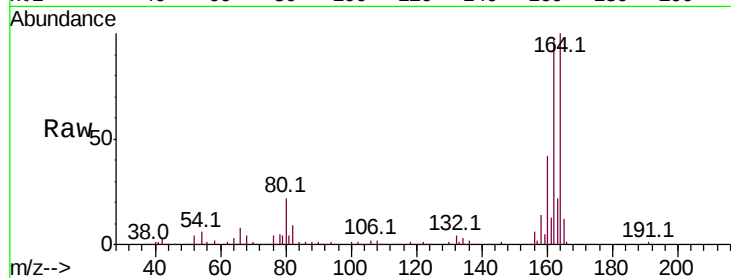
Tot Ion:164 Resp: 312617

Ion Ratio Lower Upper

164 100

162 97.0 81.4 122.0

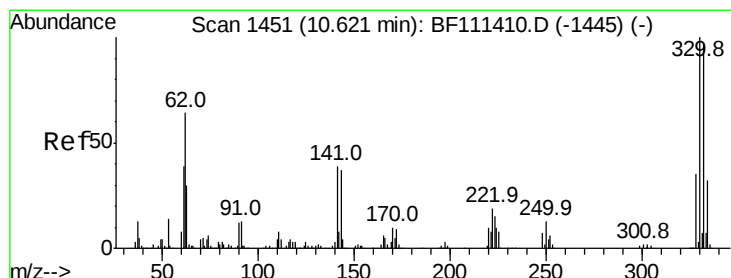
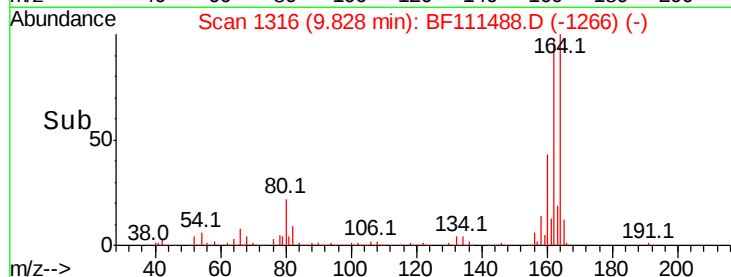
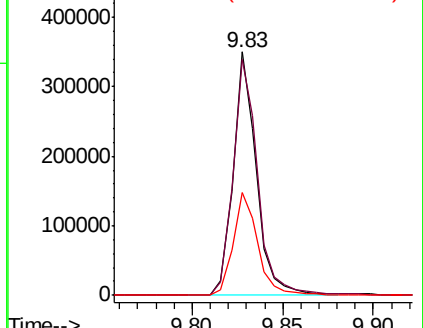
160 42.4 35.7 53.5



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: 60.942 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111488.D

Acq: 16 Dec 2018 1:41

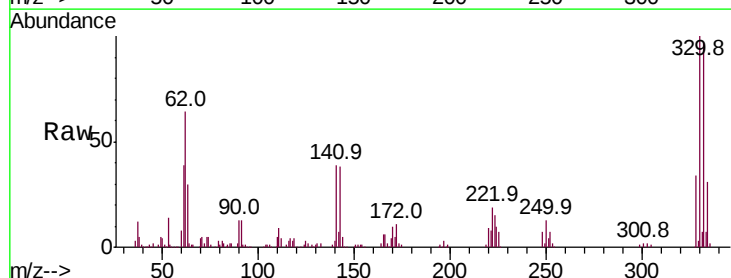
Tgt Ion:330 Resp: 170660

Ion Ratio Lower Upper

330 100

332 96.8 76.0 114.0

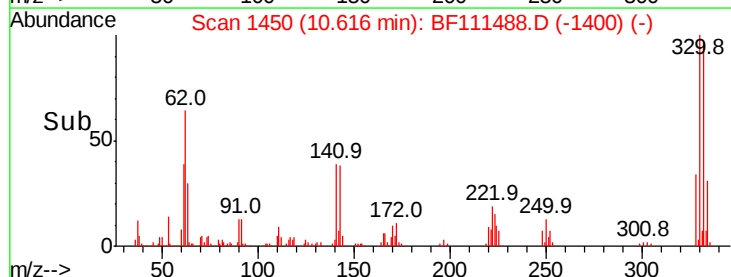
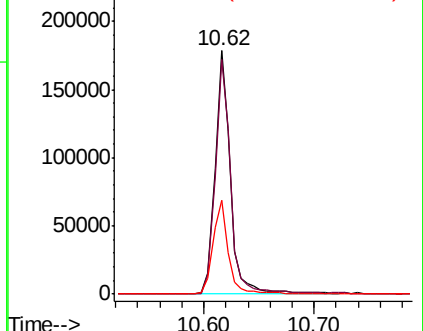
141 38.3 31.0 46.6

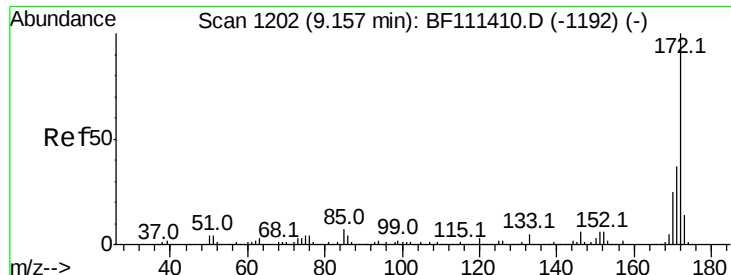


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



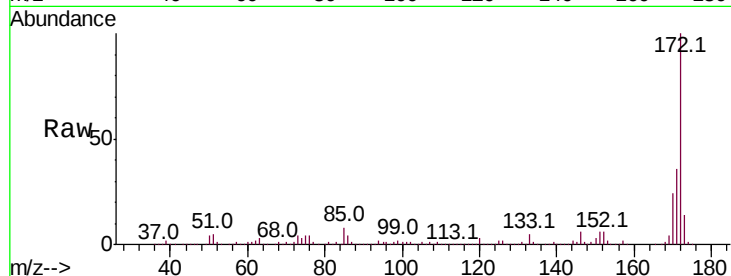


#45
 2-Fluorobiphenyl
 Concen: 95.375 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111488.D
 Acq: 16 Dec 2018 1:41

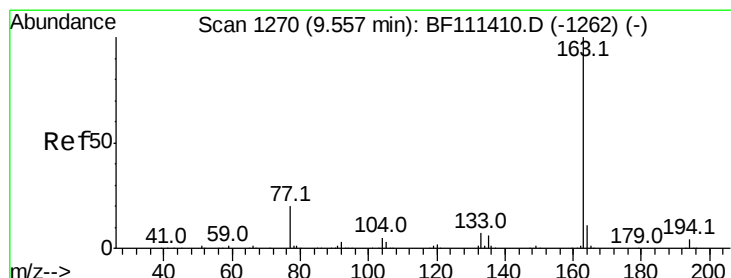
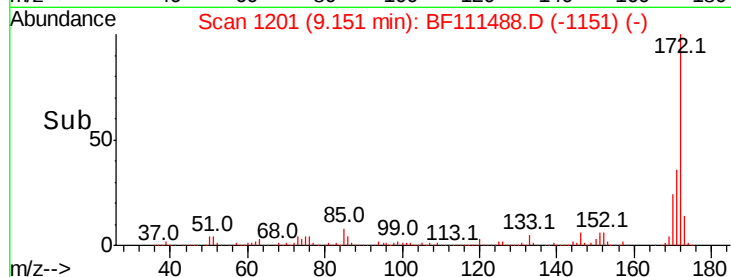
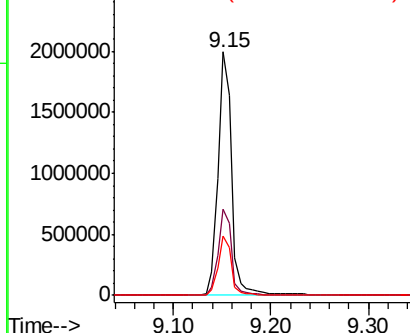
Instrument :
 BNA_F
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 121018-JETT-F-U-S

Tot Ion:172 Resp: 1930280

Ion	Ratio	Lower	Upper
172	100		
171	35.5	33.0	49.4
170	24.1	22.3	33.5



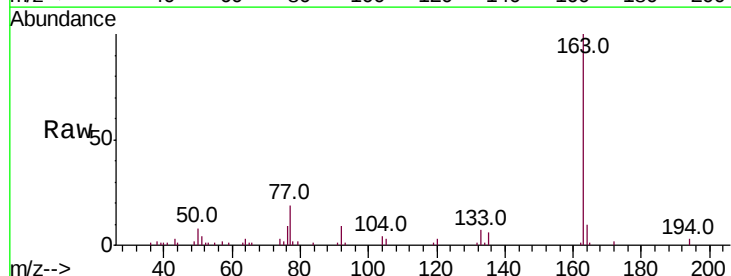
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



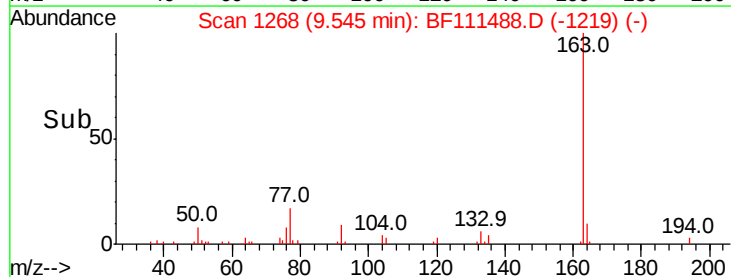
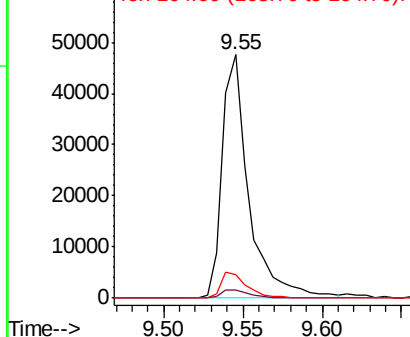
#50
 Dimethylphthalate
 Concen: 2.457 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF111488.D
 Acq: 16 Dec 2018 1:41

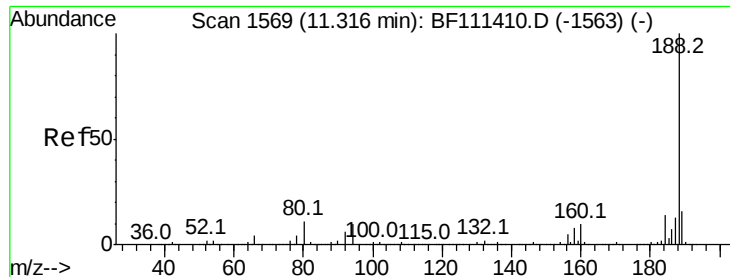
Tgt Ion:163 Resp: 55310

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.6
164	9.8	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: BF111488.D

Acq: 16 Dec 2018 1:41

Instrument :

BNA_F

ClientSampleId :

121018-JETT-F-U-S

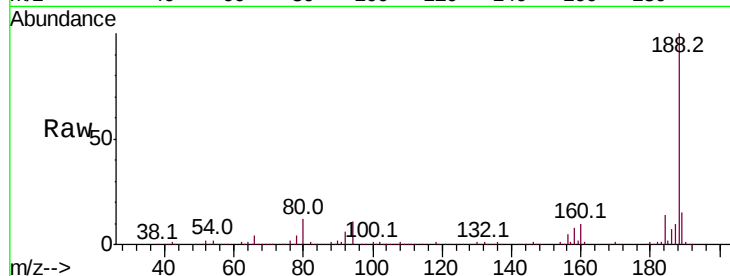
Tot Ion:188 Resp: 374631

Ion Ratio Lower Upper

188 100

94 10.8 9.6 14.4

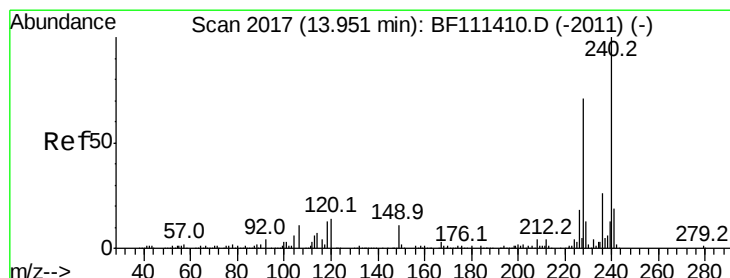
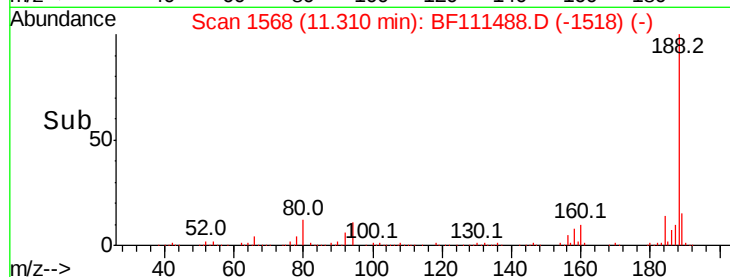
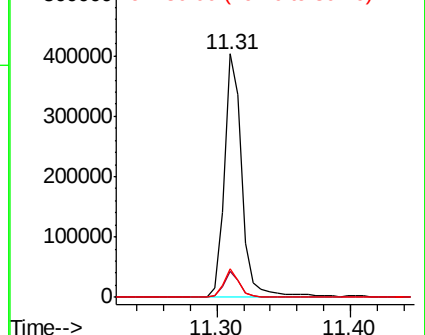
80 11.6 9.8 14.6



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: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF111488.D

Acq: 16 Dec 2018 1:41

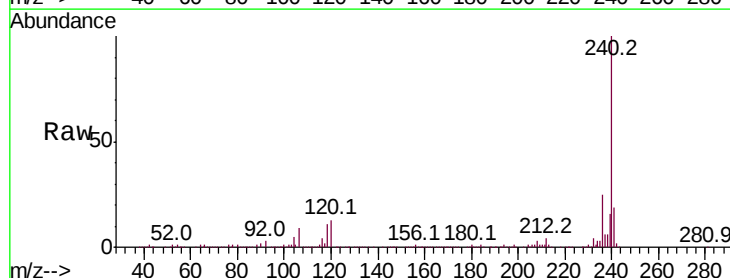
Tgt Ion:240 Resp: 501708

Ion Ratio Lower Upper

240 100

120 13.4 12.2 18.2

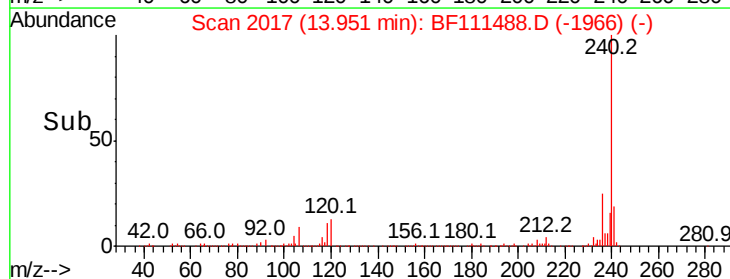
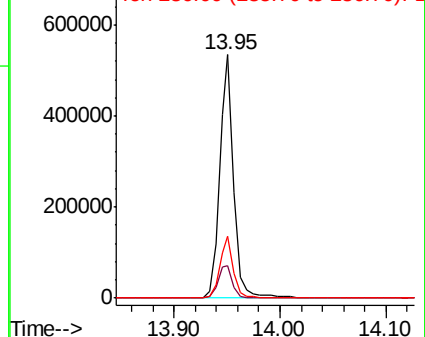
236 25.3 20.2 30.2

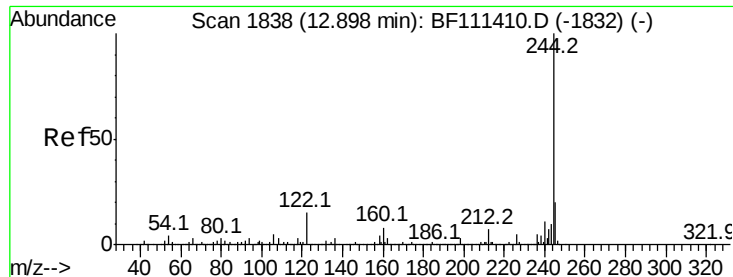


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.656 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111488.D

Acq: 16 Dec 2018 1:41

Instrument :

BNA_F

ClientSampleId :

121018-JETT-F-U-S

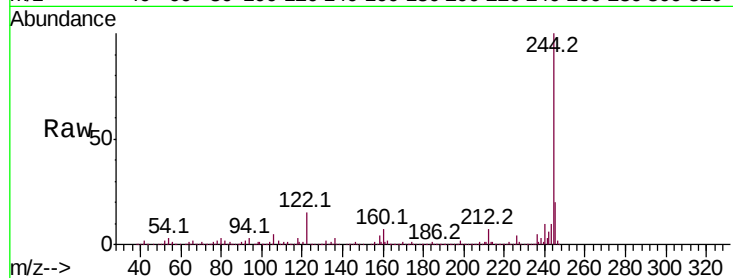
Tot Ion:244 Resp: 1637784

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

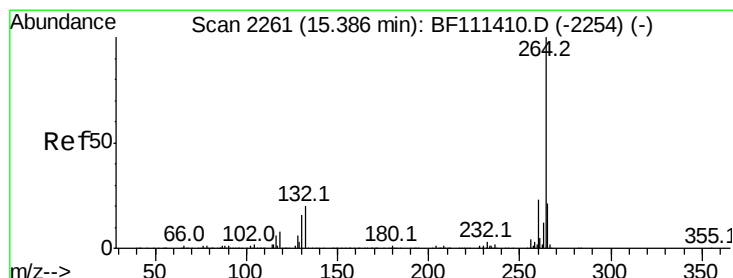
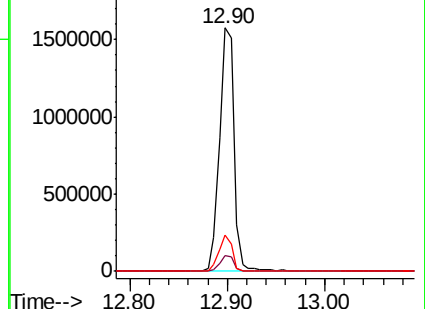
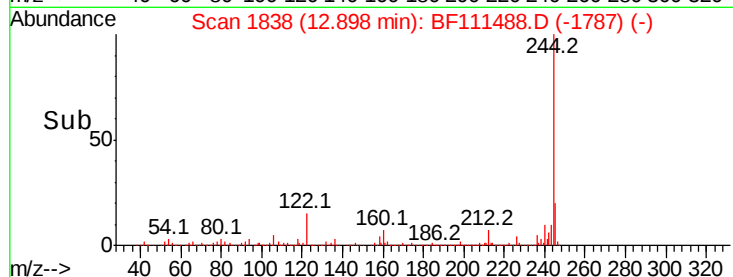
122 14.9 13.1 19.7



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: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BF111488.D

Acq: 16 Dec 2018 1:41

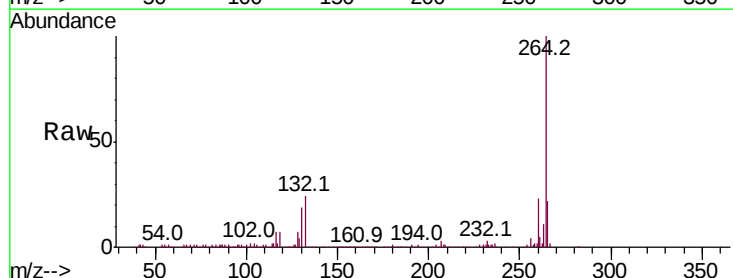
Tgt Ion:264 Resp: 343510

Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 21.6 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

