

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111839.D
 Acq On : 3 Jan 2019 23:32
 Operator : JU/SJ
 Sample : K1019-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-D13

Quant Time: Jan 04 04:04:05 2019
 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

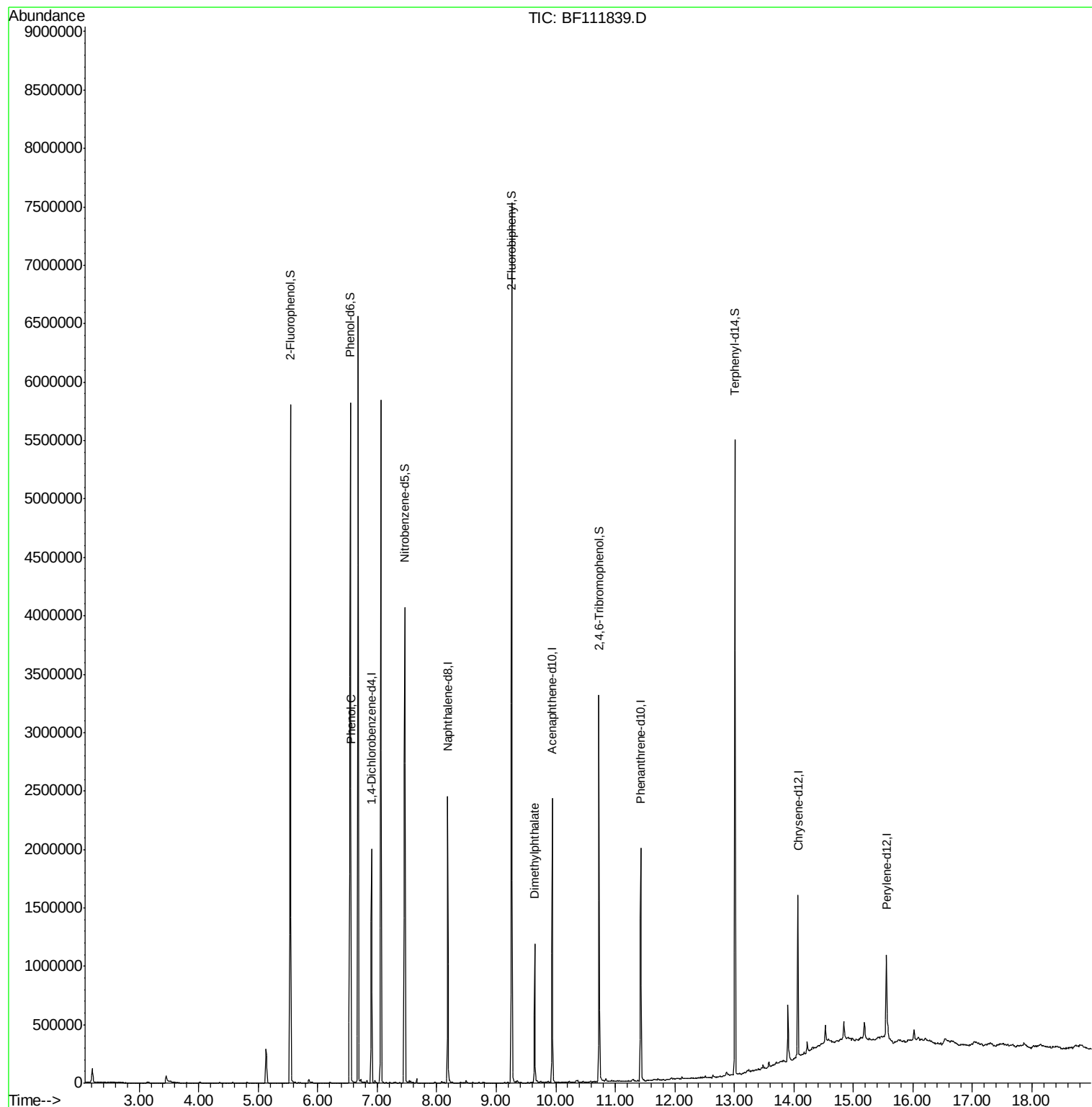
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	268448	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	997188	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	459314	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	680921	20.00	ng	0.01
76) Chrysene-d12	14.07	240	511152	20.00	ng	0.02
87) Perylene-d12	15.56	264	343447	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1664078	105.66	ng	0.03
7) Phenol-d6	6.55	99	2202738	109.90	ng	0.03
23) Nitrobenzene-d5	7.46	82	1368699	79.89	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	446581	82.29	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	2416034	76.67	ng	0.00
79) Terphenyl-d14	13.01	244	1849962	68.64	ng	0.01
Target Compounds						
10) Phenol	6.56	94	106963	4.730	ng	90
50) Dimethylphthalate	9.65	163	468062	13.935	ng	97

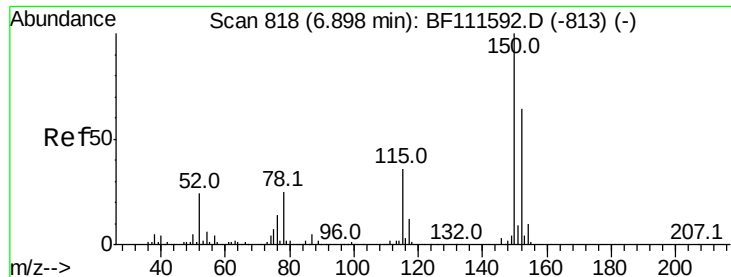
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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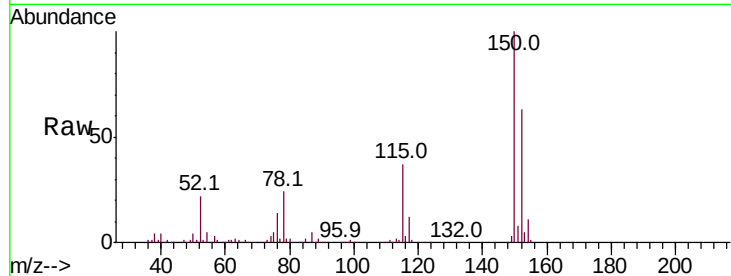


#1

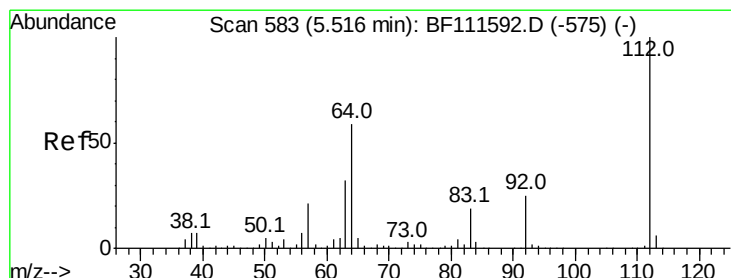
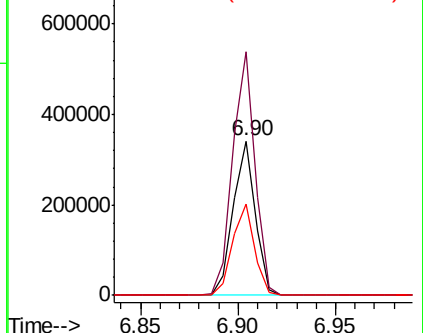
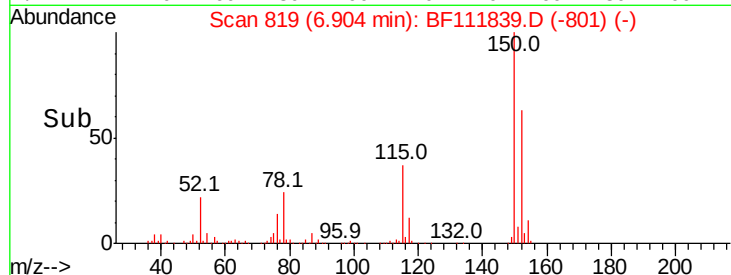
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111839.D
Acq: 3 Jan 2019 23:32

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-D13

Tot Ion:152 Resp: 268448
Ion Ratio Lower Upper
152 100
150 157.6 126.6 189.8
115 58.8 50.7 76.1



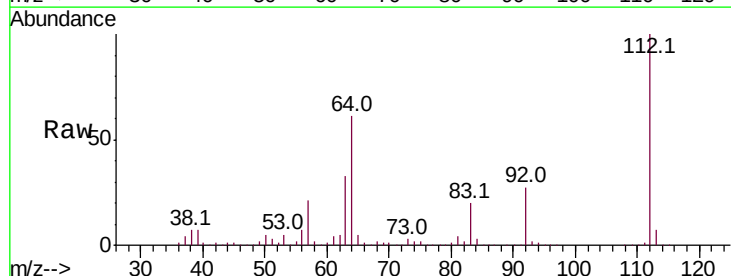
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



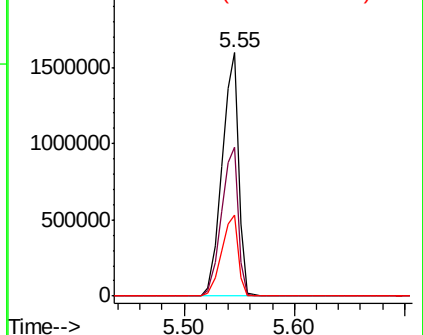
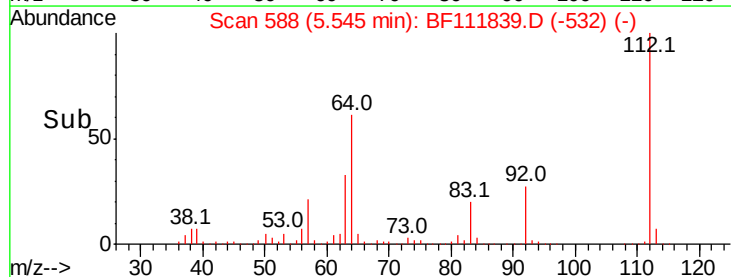
#5

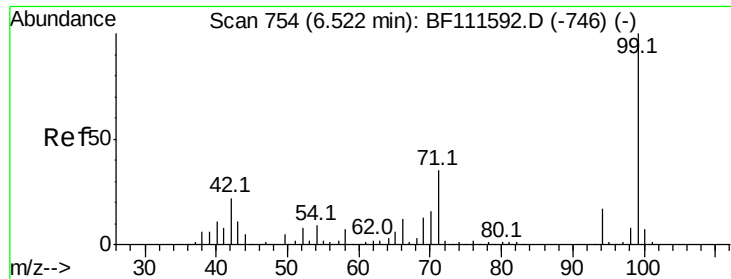
2-Fluorophenol
Concen: 105.662 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111839.D
Acq: 3 Jan 2019 23:32

Tgt Ion:112 Resp: 1664078
Ion Ratio Lower Upper
112 100
64 61.4 51.8 77.6
63 33.4 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: 109.900 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111839.D

Acq: 3 Jan 2019 23:32

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-D13

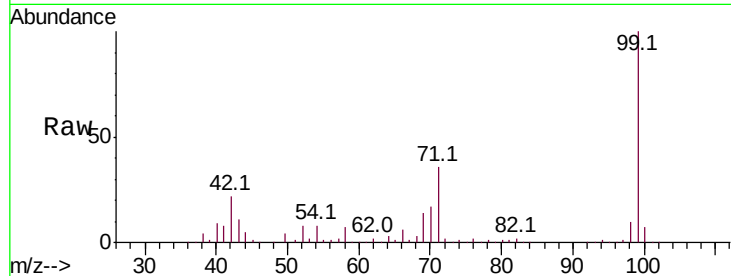
Tot Ion: 99 Resp: 2202738

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.4	26.0
71	36.3	26.1	39.1

99 100

42 21.9 17.4 26.0

71 36.3 26.1 39.1

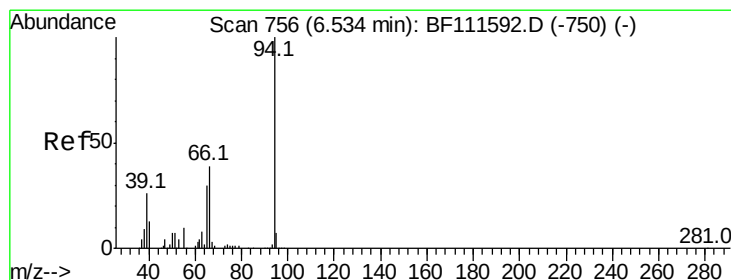
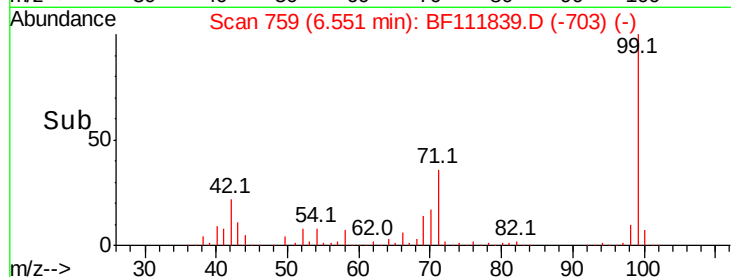
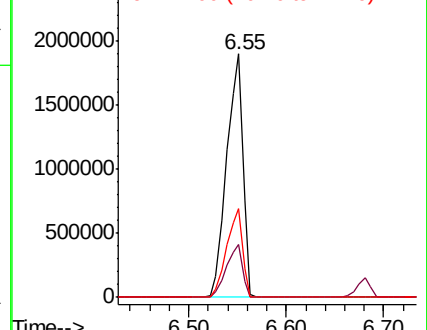


Abundance

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: 4.730 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.03 min

Lab File: BF111839.D

Acq: 3 Jan 2019 23:32

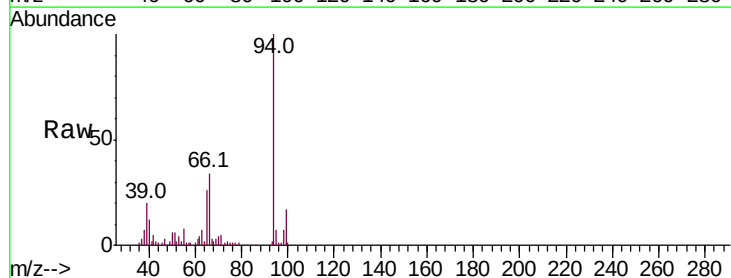
Tgt Ion: 94 Resp: 106963

Ion	Ratio	Lower	Upper
94	100		
65	26.5	11.7	51.7
66	34.1	21.0	61.0

94 100

65 26.5 11.7 51.7

66 34.1 21.0 61.0

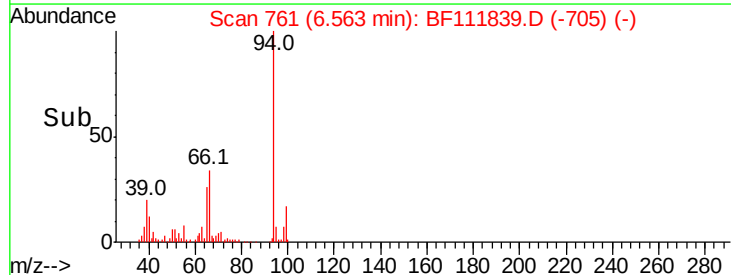
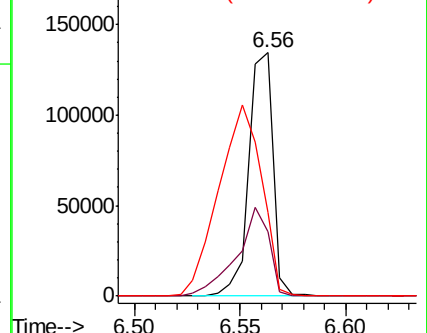


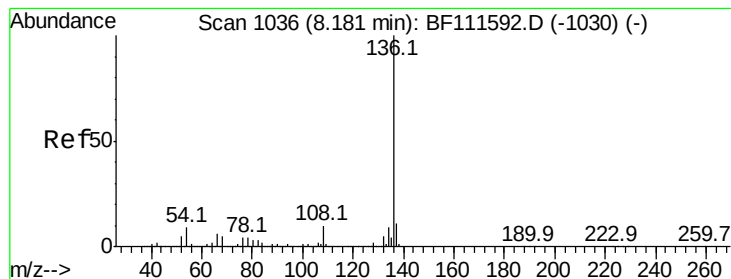
Abundance

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: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111839.D

Acq: 3 Jan 2019 23:32

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-D13

Tot Ion:136 Resp: 997188

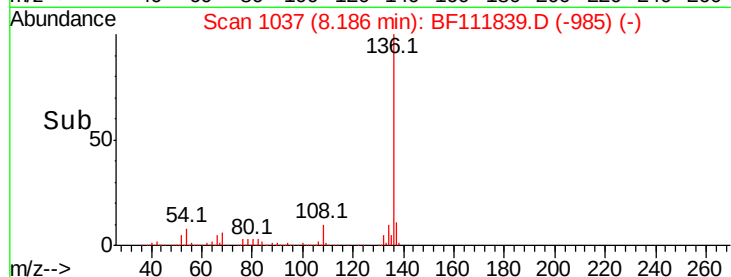
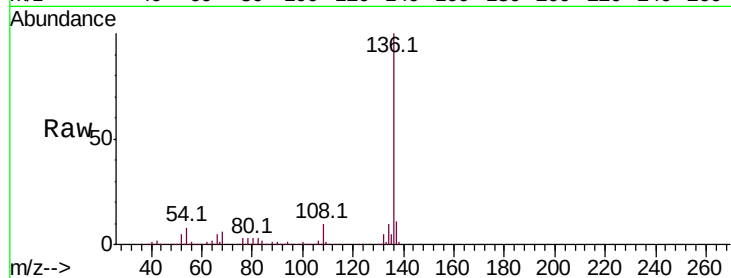
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.3 7.7 11.5

68 5.7 4.9 7.3

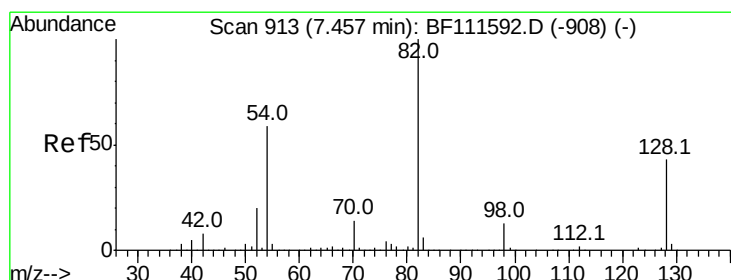
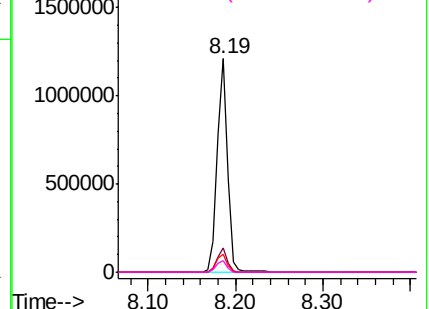


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.894 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF111839.D

Acq: 3 Jan 2019 23:32

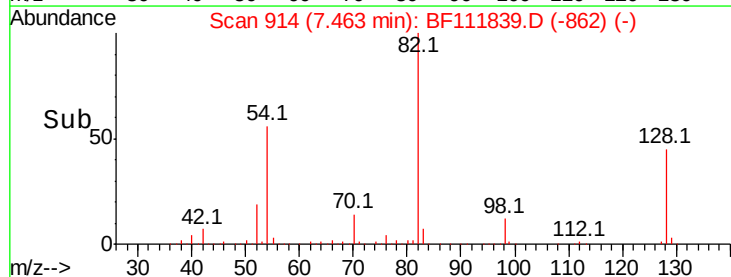
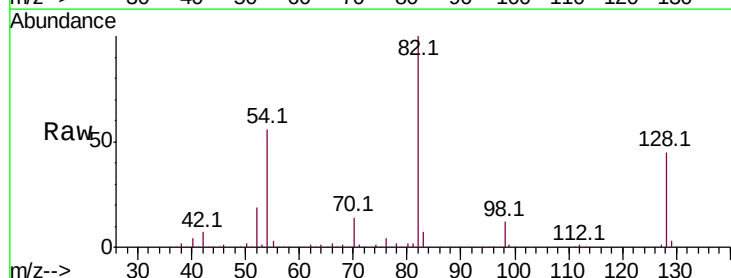
Tgt Ion: 82 Resp: 1368699

Ion Ratio Lower Upper

82 100

128 45.2 37.4 56.2

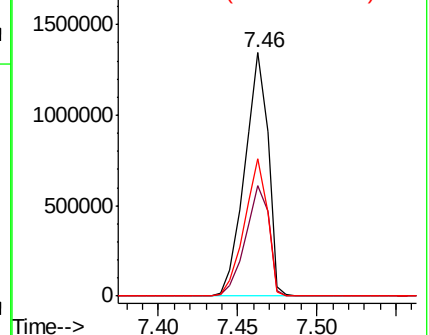
54 56.5 47.6 71.4

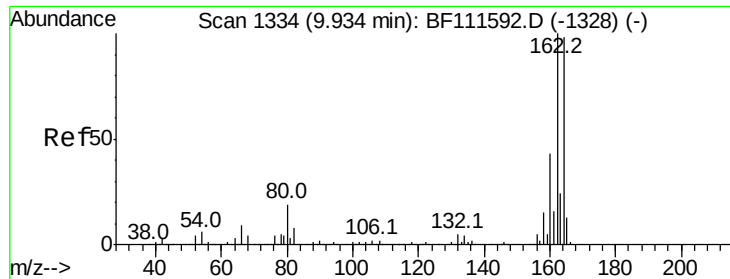


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

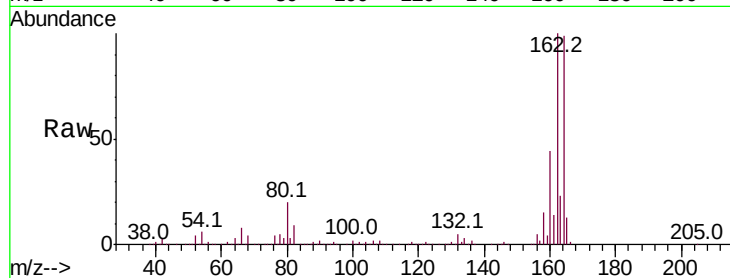




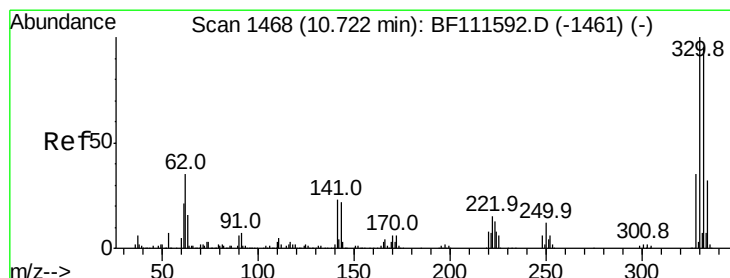
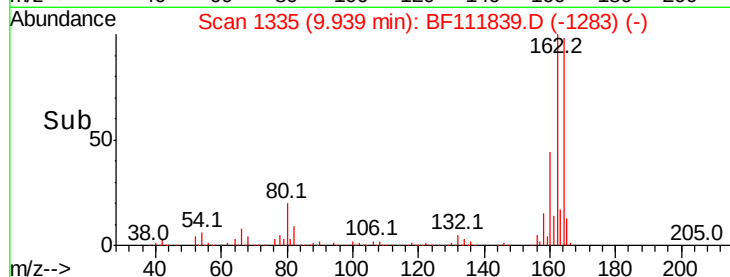
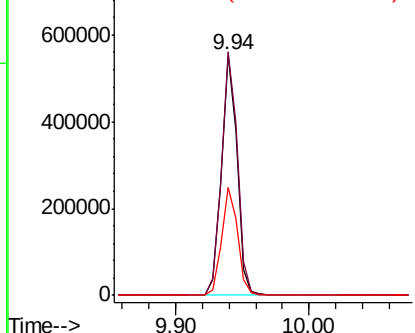
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111839.D
 Acq: 3 Jan 2019 23:32

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-D13

Tot Ion:164 Resp: 459314
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.4 122.0
 160 44.8 35.7 53.5

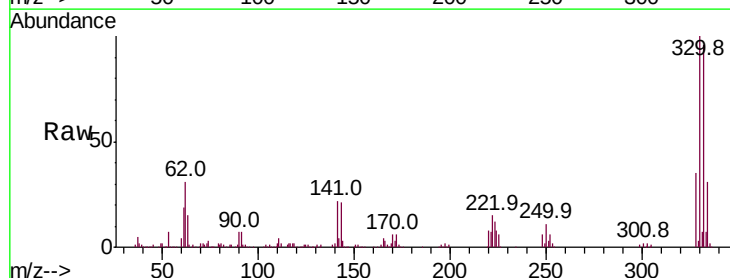


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

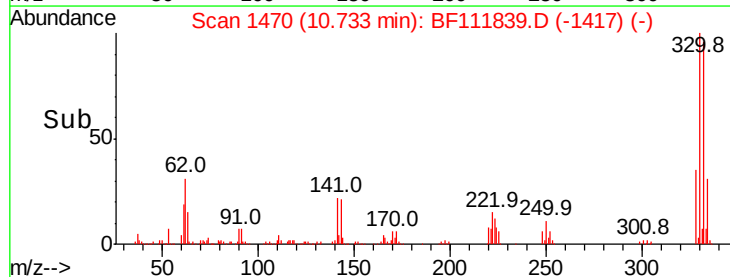
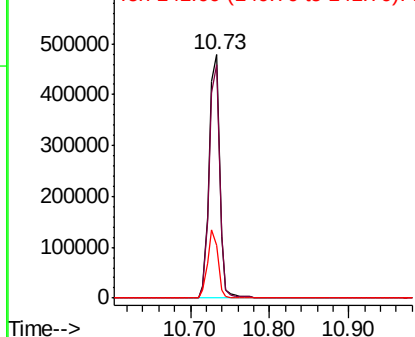


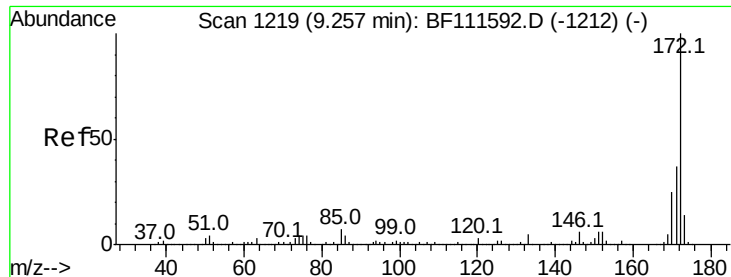
#42
 2,4,6-Tribromophenol
 Concen: 82.287 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF111839.D
 Acq: 3 Jan 2019 23:32

Tgt Ion:330 Resp: 446581
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.0 114.0
 141 27.9 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

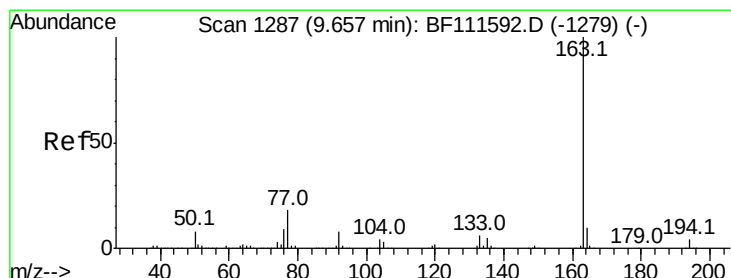
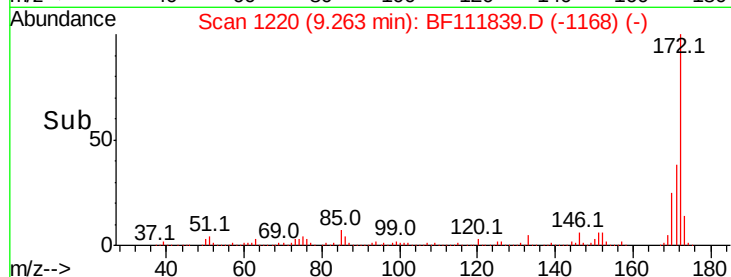
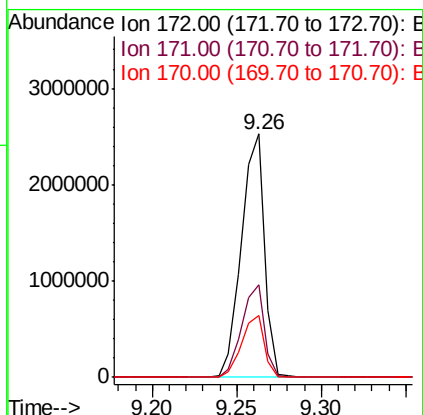
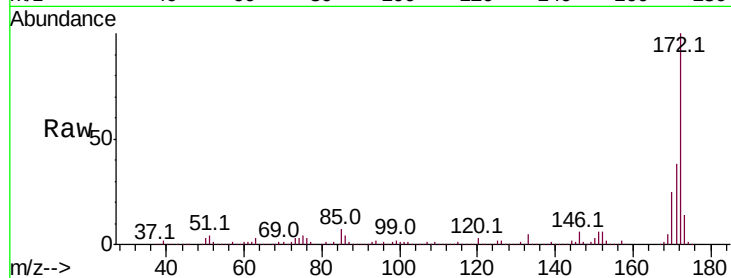




#45
2-Fluorobiphenyl
Concen: 76.670 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111839.D
Acq: 3 Jan 2019 23:32

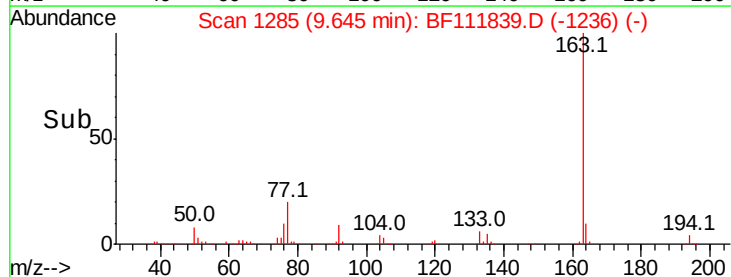
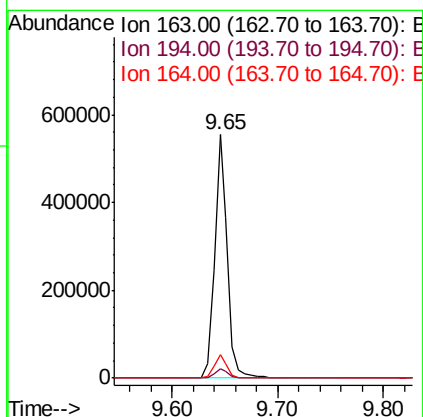
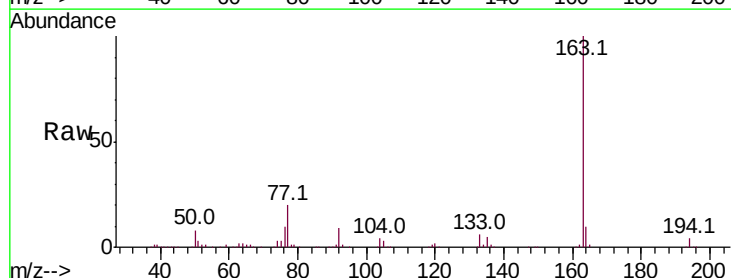
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-D13

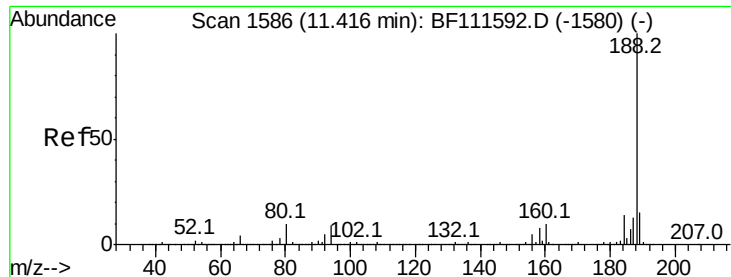
Tot Ion:172 Resp: 2416034
Ion Ratio Lower Upper
172 100
171 37.9 33.0 49.4
170 25.4 22.3 33.5



#50
Dimethylphthalate
Concen: 13.935 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111839.D
Acq: 3 Jan 2019 23:32

Tgt Ion:163 Resp: 468062
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.8 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111839.D

Acq: 3 Jan 2019 23:32

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-D13

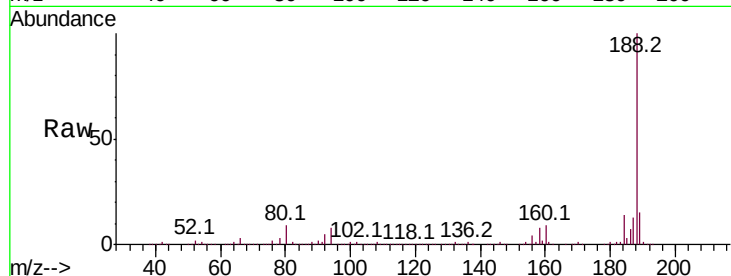
Tot Ion:188 Resp: 680921

Ion Ratio Lower Upper

188 100

94 8.4 9.6 14.4#

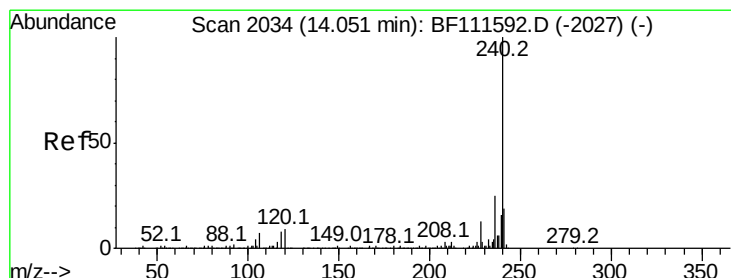
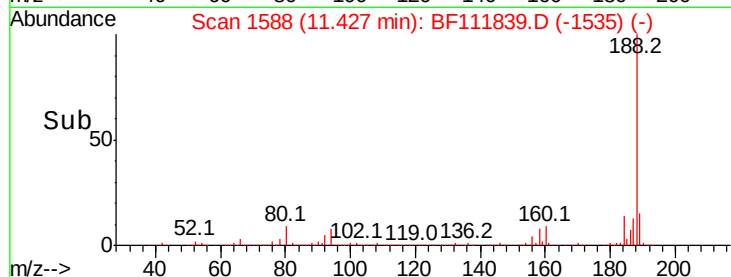
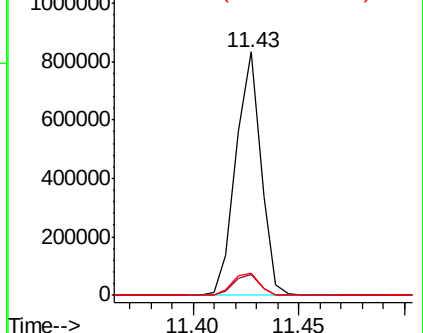
80 8.9 9.8 14.6#



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: BF111839.D

Acq: 3 Jan 2019 23:32

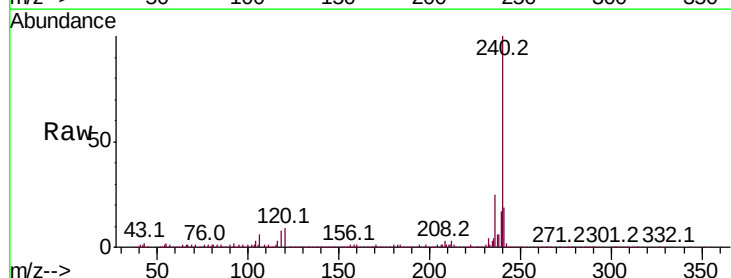
Tgt Ion:240 Resp: 511152

Ion Ratio Lower Upper

240 100

120 9.1 12.2 18.2#

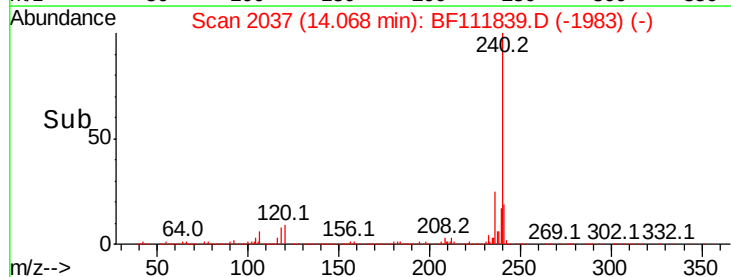
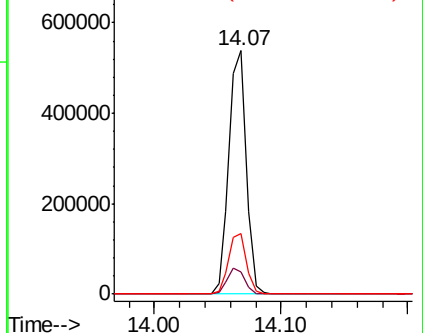
236 24.9 20.2 30.2

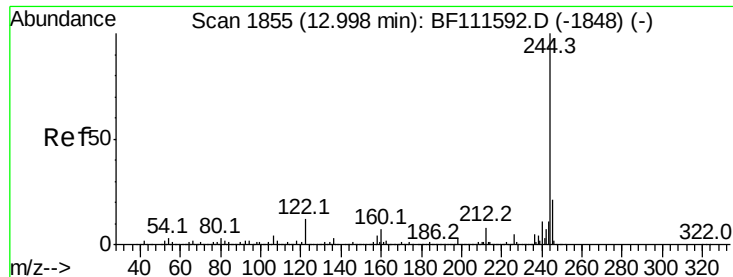


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.635 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111839.D

Acq: 3 Jan 2019 23:32

Instrument :

BNA_F

ClientSampleID :

TEST-PIT-D13

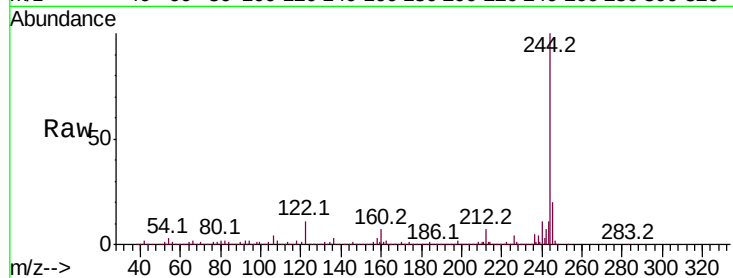
Tot Ion:244 Resp: 1849962

Ion Ratio Lower Upper

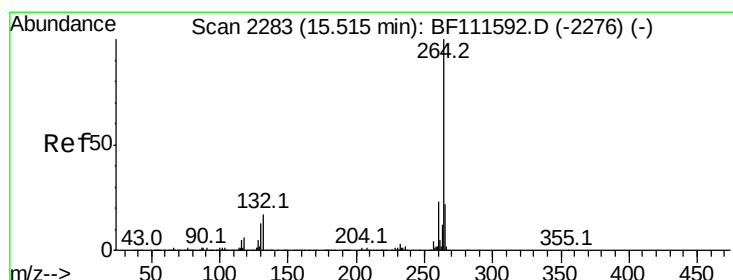
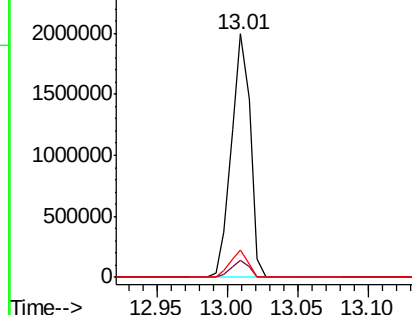
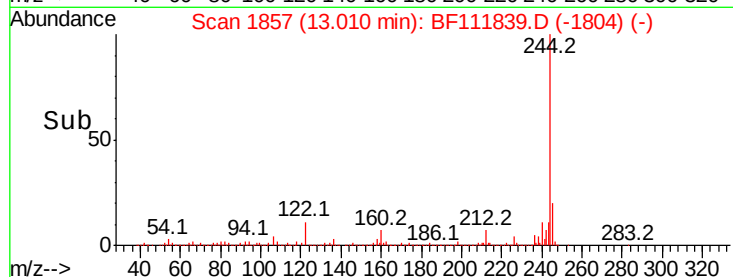
244 100

212 7.0 5.7 8.5

122 11.4 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# 2290

Delta R.T. 0.04 min

Lab File: BF111839.D

Acq: 3 Jan 2019 23:32

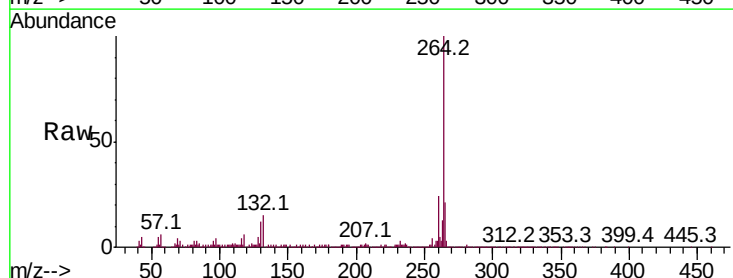
Tgt Ion:264 Resp: 343447

Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 21.5 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

