

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112078.D
 Acq On : 17 Jan 2019 9:59
 Operator : JU/SJ
 Sample : K1147-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Jan 17 10:37:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

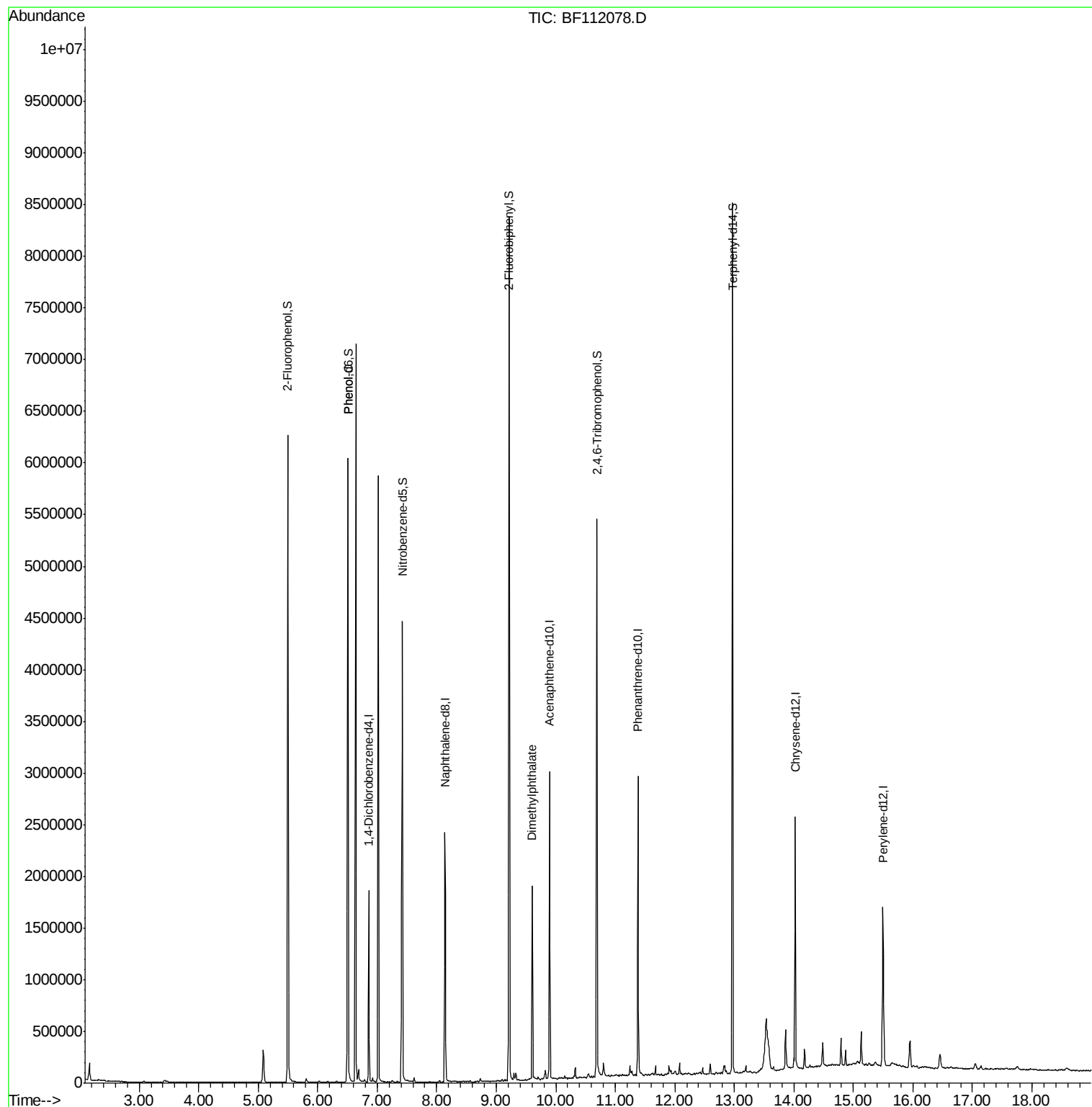
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	288122	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1097305	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	558520	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1093631	20.00	ng	0.00
76) Chrysene-d12	14.02	240	813410	20.00	ng	-0.01
87) Perylene-d12	15.50	264	669966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1873688	118.03	ng	0.00
7) Phenol-d6	6.51	99	2373429	119.50	ng	0.00
23) Nitrobenzene-d5	7.42	82	1464784	92.23	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	789096	130.97	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2838099	74.50	ng	0.00
79) Terphenyl-d14	12.97	244	3154445	82.50	ng	0.00
Target Compounds						
10) Phenol	6.52	94	55624	2.563	ng	92
50) Dimethylphthalate	9.61	163	805210	19.769	ng	99

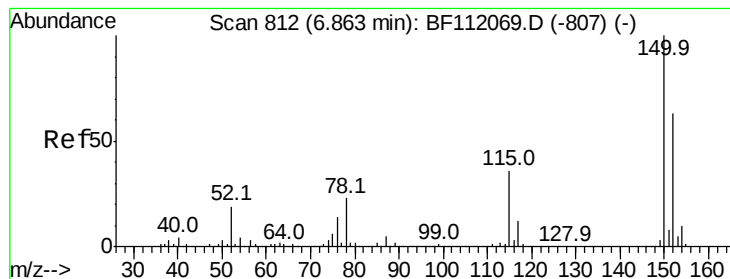
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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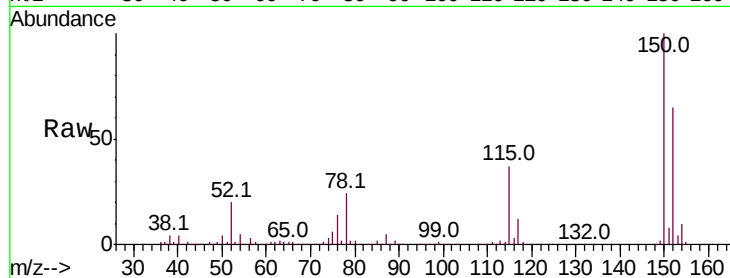


#1

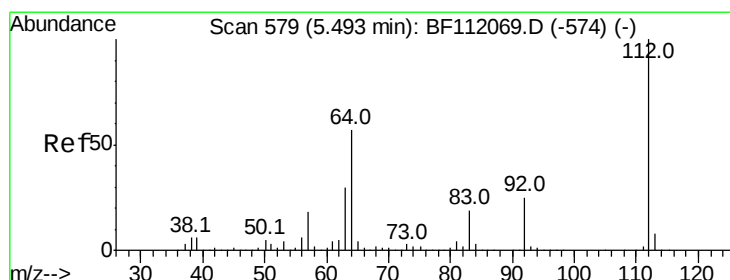
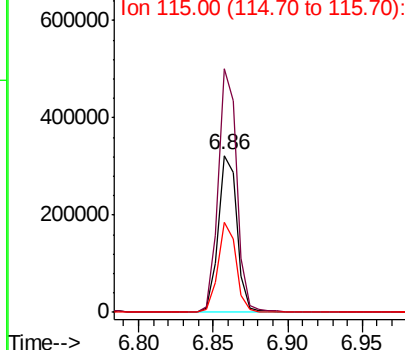
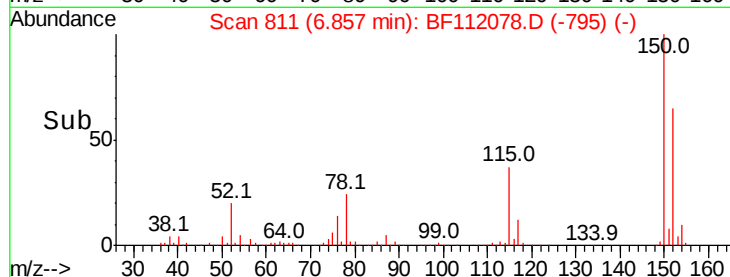
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF112078.D
 Acq: 17 Jan 2019 9:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion:152 Resp: 288122
 Ion Ratio Lower Upper
 152 100
 150 154.9 127.4 191.0
 115 57.0 45.5 68.3



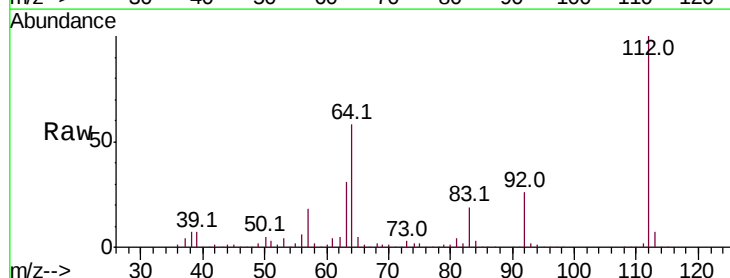
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



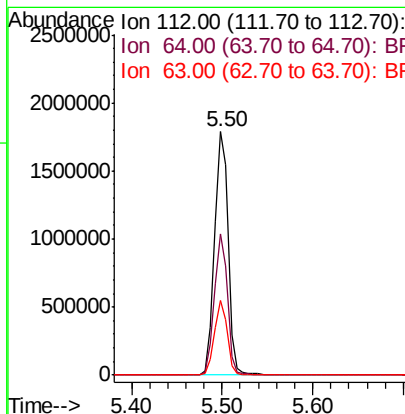
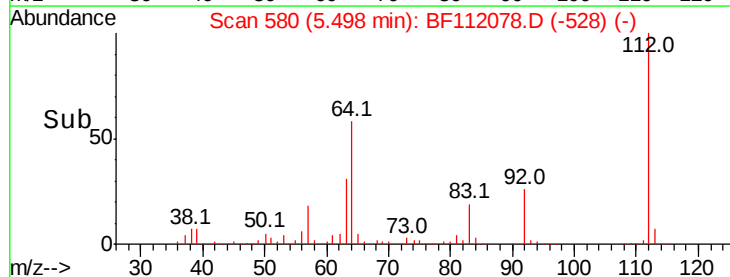
#5

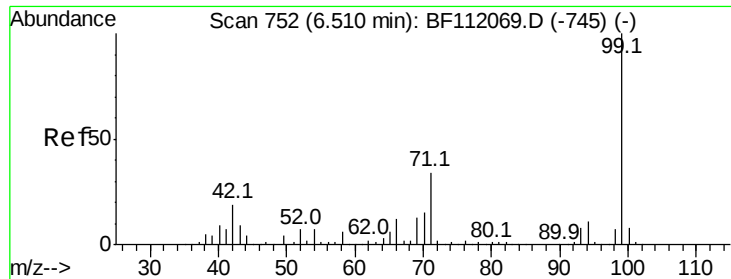
2-Fluorophenol
 Concen: 118.034 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF112078.D
 Acq: 17 Jan 2019 9:59

Tgt Ion:112 Resp: 1873688
 Ion Ratio Lower Upper
 112 100
 64 58.2 45.7 68.5
 63 30.5 23.6 35.4



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: 119.502 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF112078.D

Acq: 17 Jan 2019 9:59

Instrument :

BNA_F

ClientSampled :

TP-3

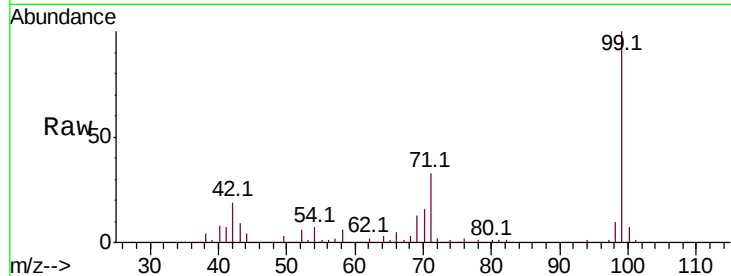
Tot Ion: 99 Resp: 2373429

Ion Ratio Lower Upper

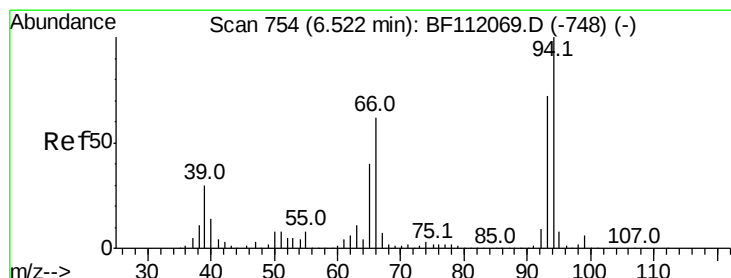
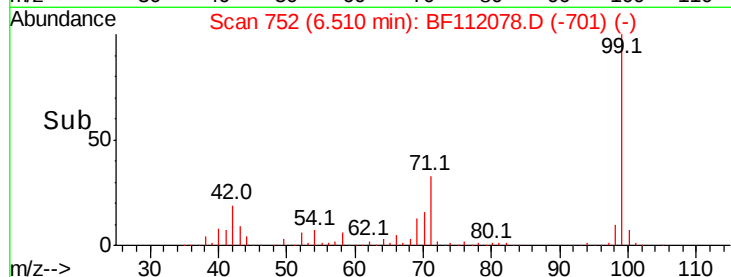
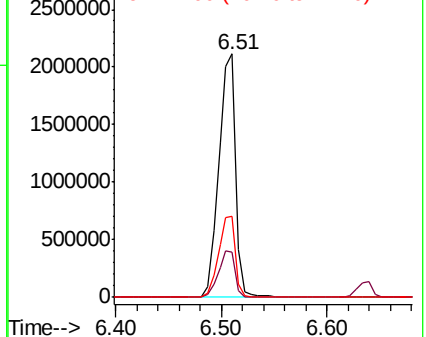
99 100

42 18.7 15.1 22.7

71 33.4 26.9 40.3



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: 2.563 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112078.D

Acq: 17 Jan 2019 9:59

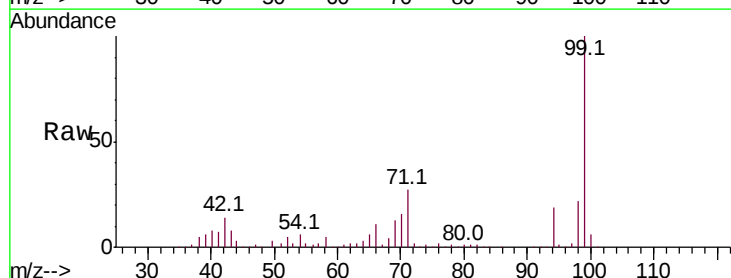
Tgt Ion: 94 Resp: 55624

Ion Ratio Lower Upper

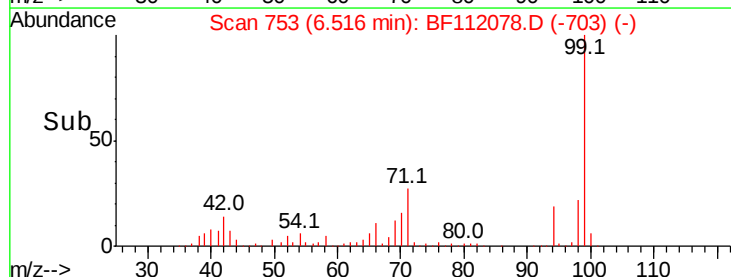
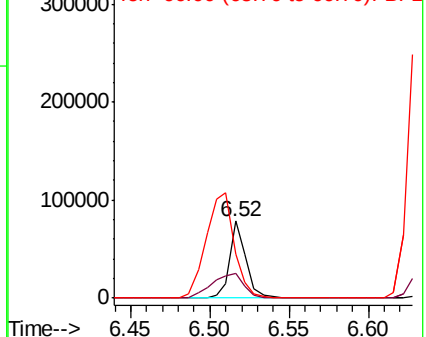
94 100

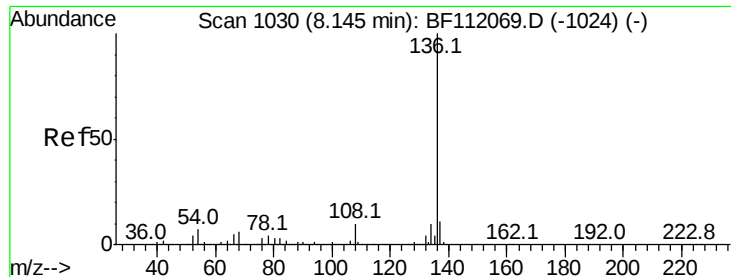
65 33.0 20.3 60.3

66 58.2 42.4 82.4



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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF112078.D

Acq: 17 Jan 2019 9:59

Instrument :

BNA_F

ClientSampleId :

TP-3

Tot Ion:136 Resp: 1097305

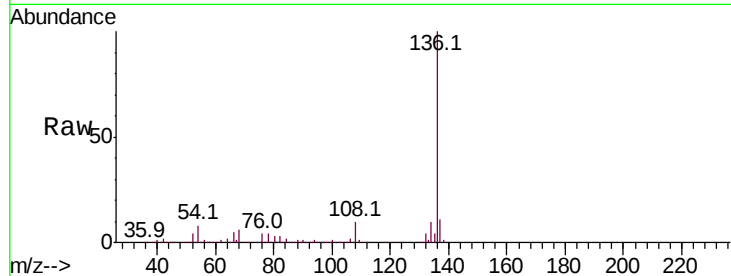
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 7.7 5.9 8.9

68 6.4 5.1 7.7

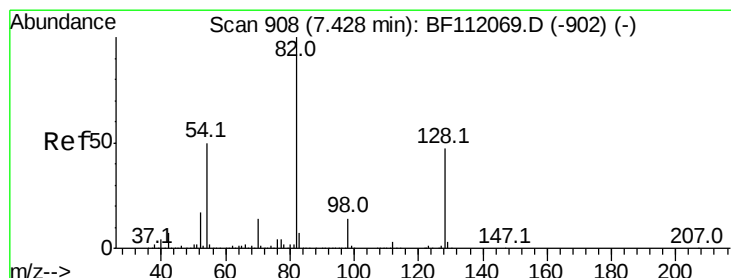
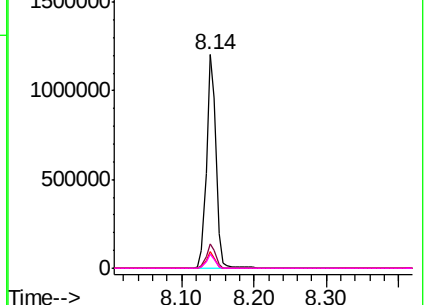
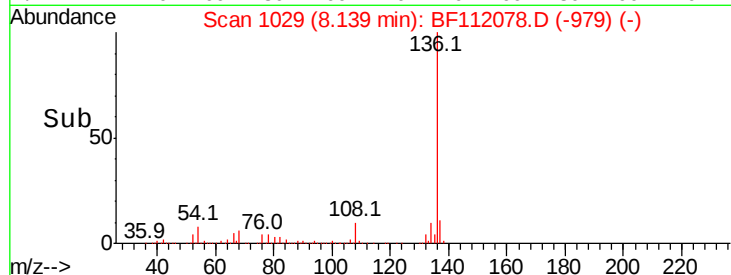


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.226 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF112078.D

Acq: 17 Jan 2019 9:59

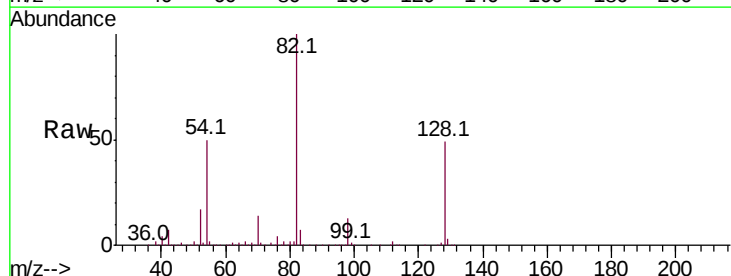
Tgt Ion: 82 Resp: 1464784

Ion Ratio Lower Upper

82 100

128 48.6 37.8 56.8

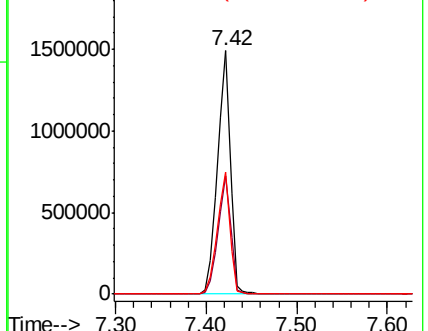
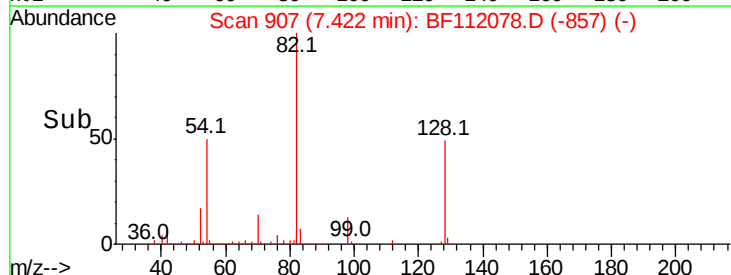
54 50.1 39.7 59.5

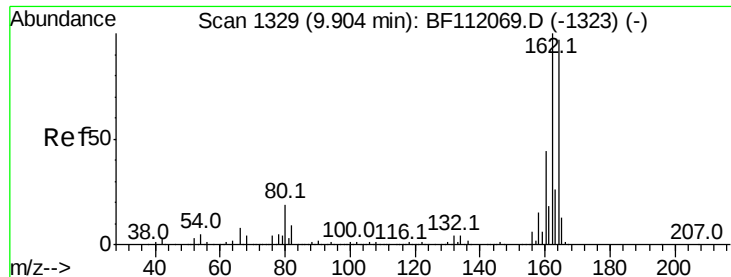


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

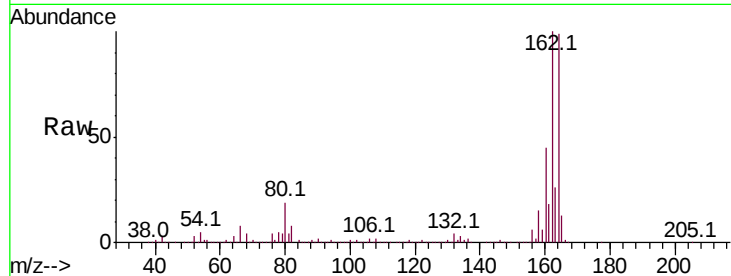




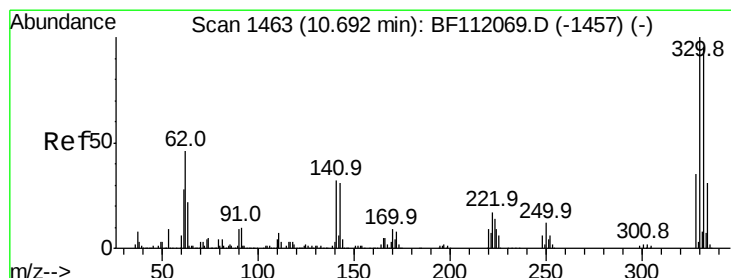
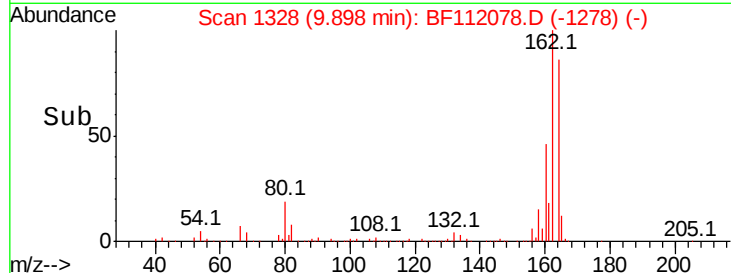
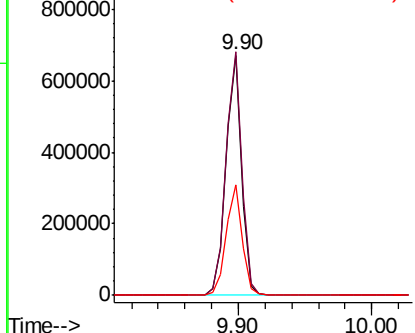
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF112078.D
Acq: 17 Jan 2019 9:59

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion:164 Resp: 558520
Ion Ratio Lower Upper
164 100
162 101.4 82.2 123.4
160 46.0 36.2 54.4

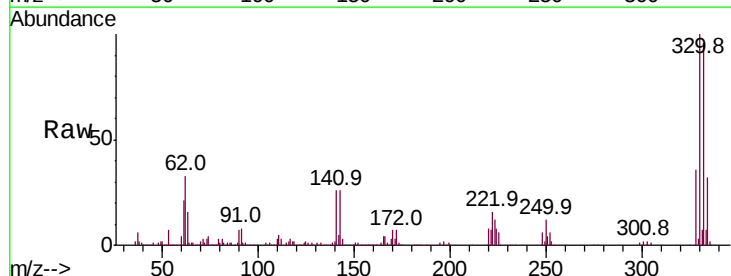


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

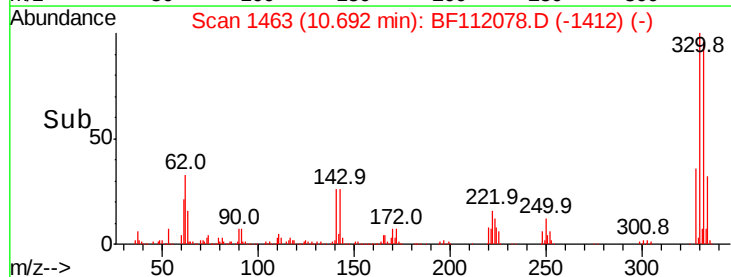
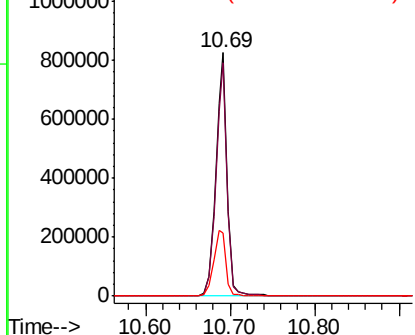


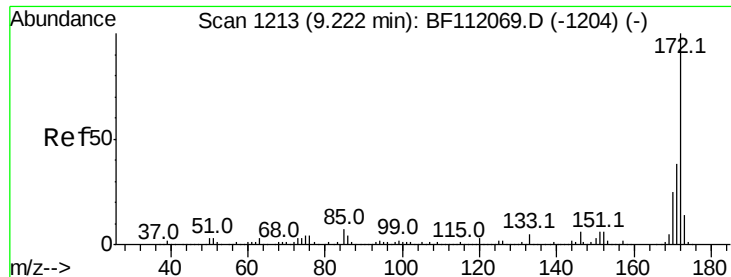
#42
2,4,6-Tribromophenol
Concen: 130.966 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF112078.D
Acq: 17 Jan 2019 9:59

Tgt Ion:330 Resp: 789096
Ion Ratio Lower Upper
330 100
332 96.1 76.6 114.8
141 29.6 24.3 36.5



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



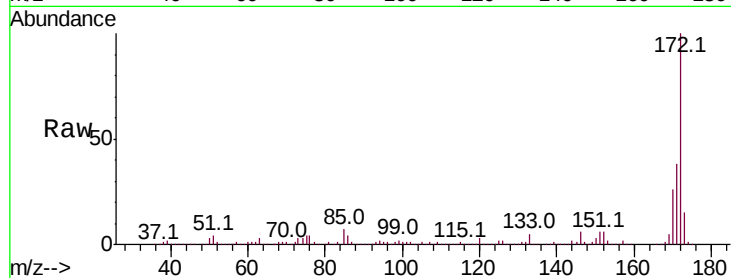


#45
 2-Fluorobiphenyl
 Concen: 74.500 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF112078.D
 Acq: 17 Jan 2019 9:59

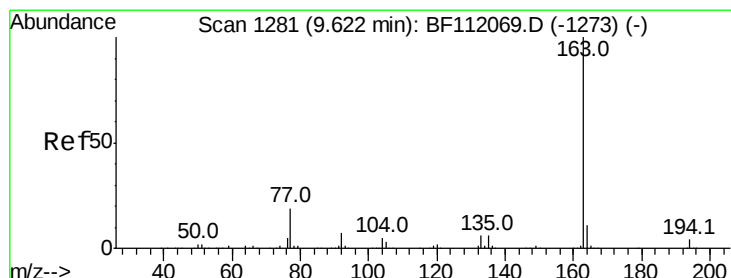
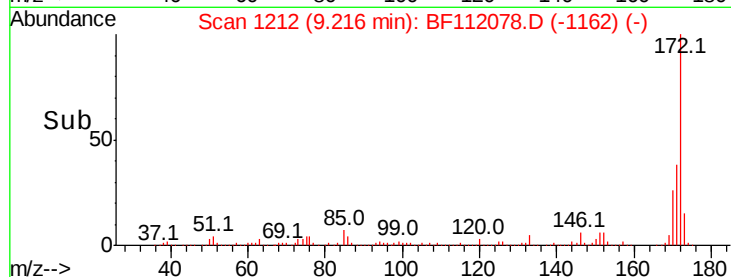
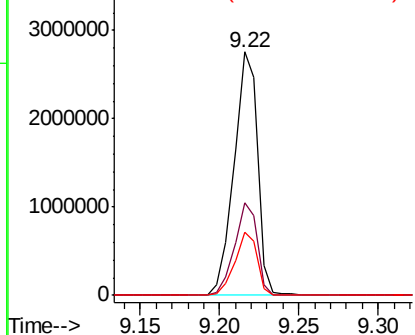
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion:172 Resp: 2838099

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.5	45.7
170	25.9	20.2	30.4



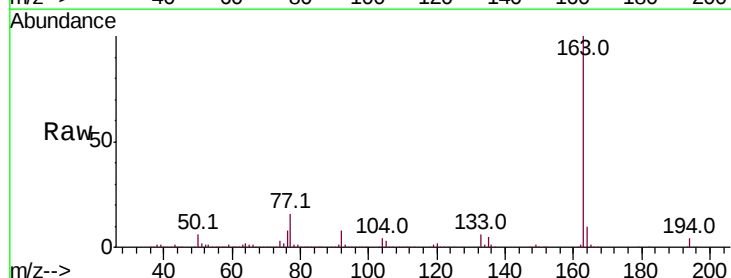
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



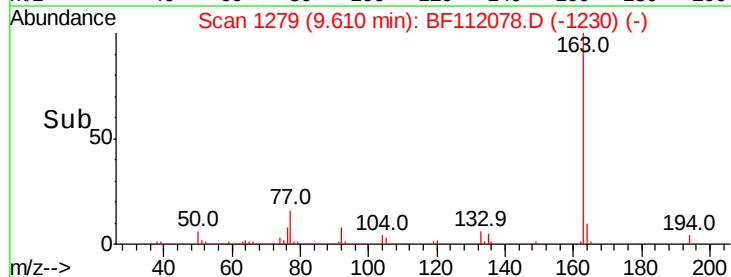
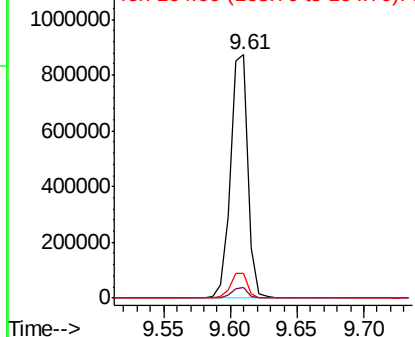
#50
 Dimethylphthalate
 Concen: 19.769 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF112078.D
 Acq: 17 Jan 2019 9:59

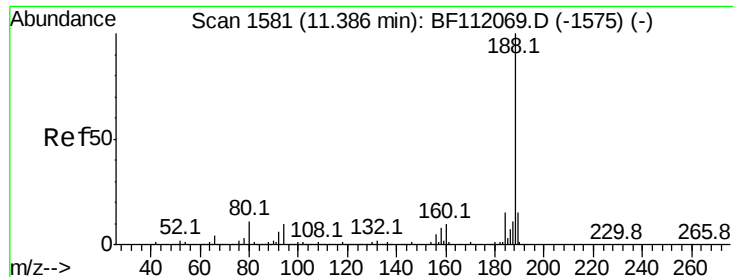
Tgt Ion:163 Resp: 805210

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.0	8.5	12.7



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: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF112078.D

Acq: 17 Jan 2019 9:59

Instrument :

BNA_F

ClientSampleId :

TP-3

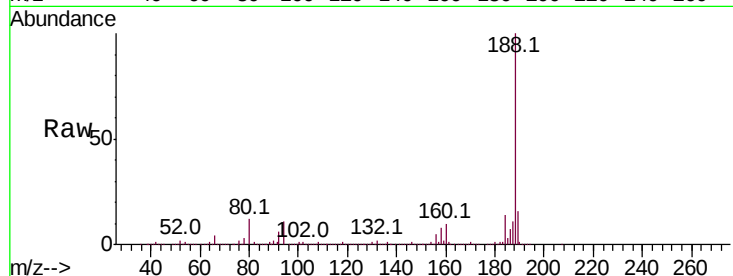
Tot Ion:188 Resp: 1093631

Ion Ratio Lower Upper

188 100

94 10.7 8.2 12.2

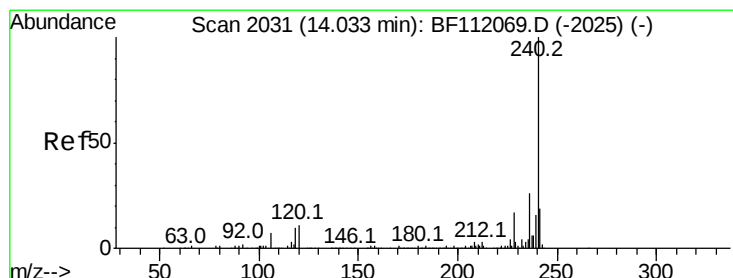
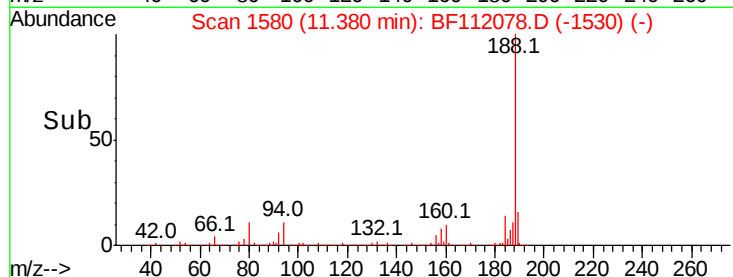
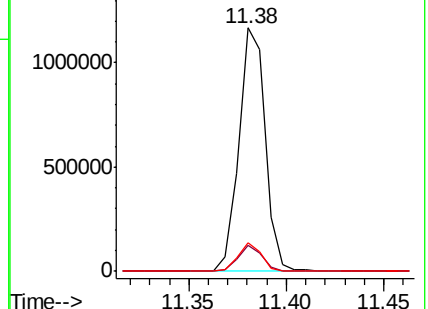
80 11.5 8.9 13.3



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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF112078.D

Acq: 17 Jan 2019 9:59

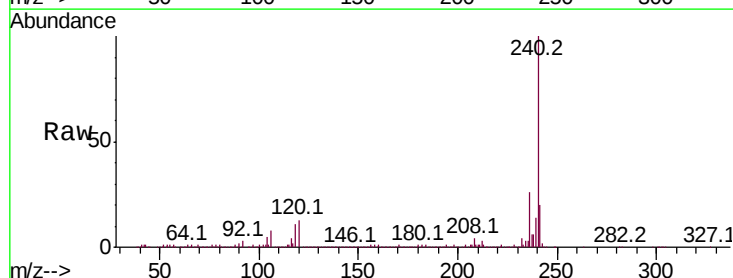
Tgt Ion:240 Resp: 813410

Ion Ratio Lower Upper

240 100

120 12.6 9.0 13.6

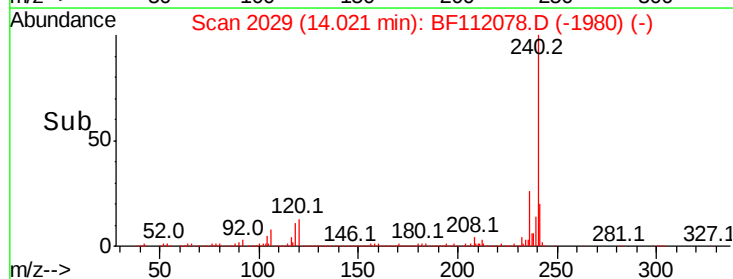
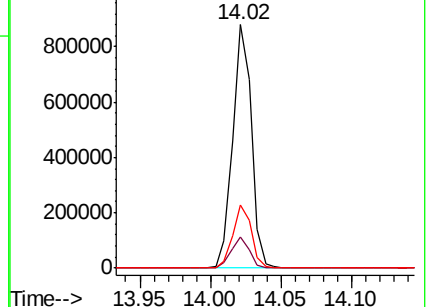
236 25.7 20.7 31.1

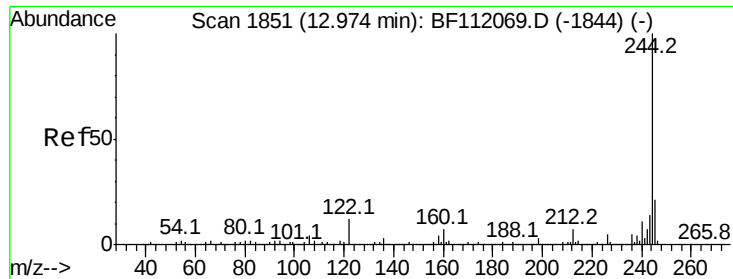


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.501 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112078.D

Acq: 17 Jan 2019 9:59

Instrument :

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TP-3

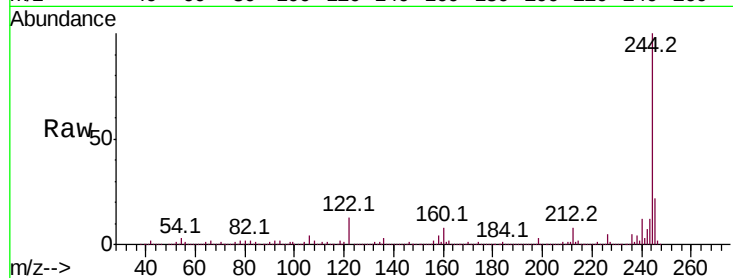
Tot Ion:244 Resp: 3154445

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

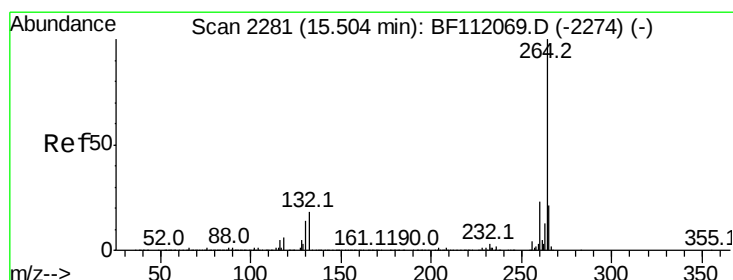
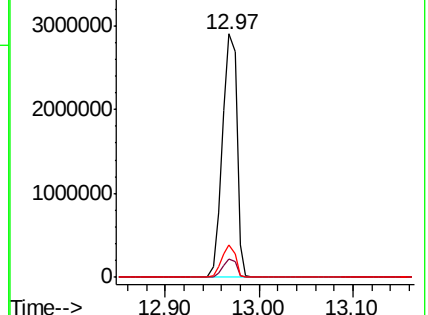
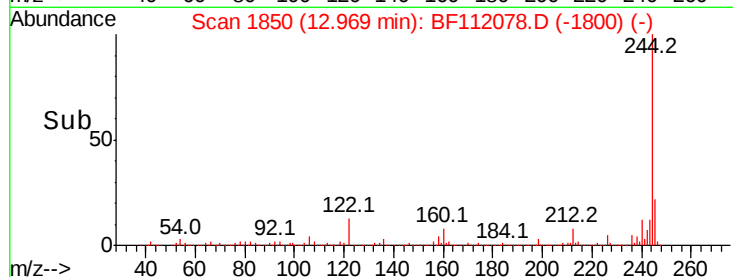
122 13.2 9.8 14.6



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: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF112078.D

Acq: 17 Jan 2019 9:59

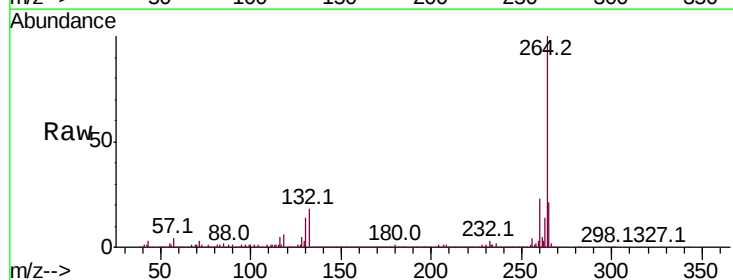
Tgt Ion:264 Resp: 669966

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.2

265 21.0 17.0 25.4



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

