

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116108.D
 Acq On : 9 Aug 2019 12:58
 Operator : HP/JU
 Sample : K4219-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-A

Quant Time: Aug 10 03:22:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

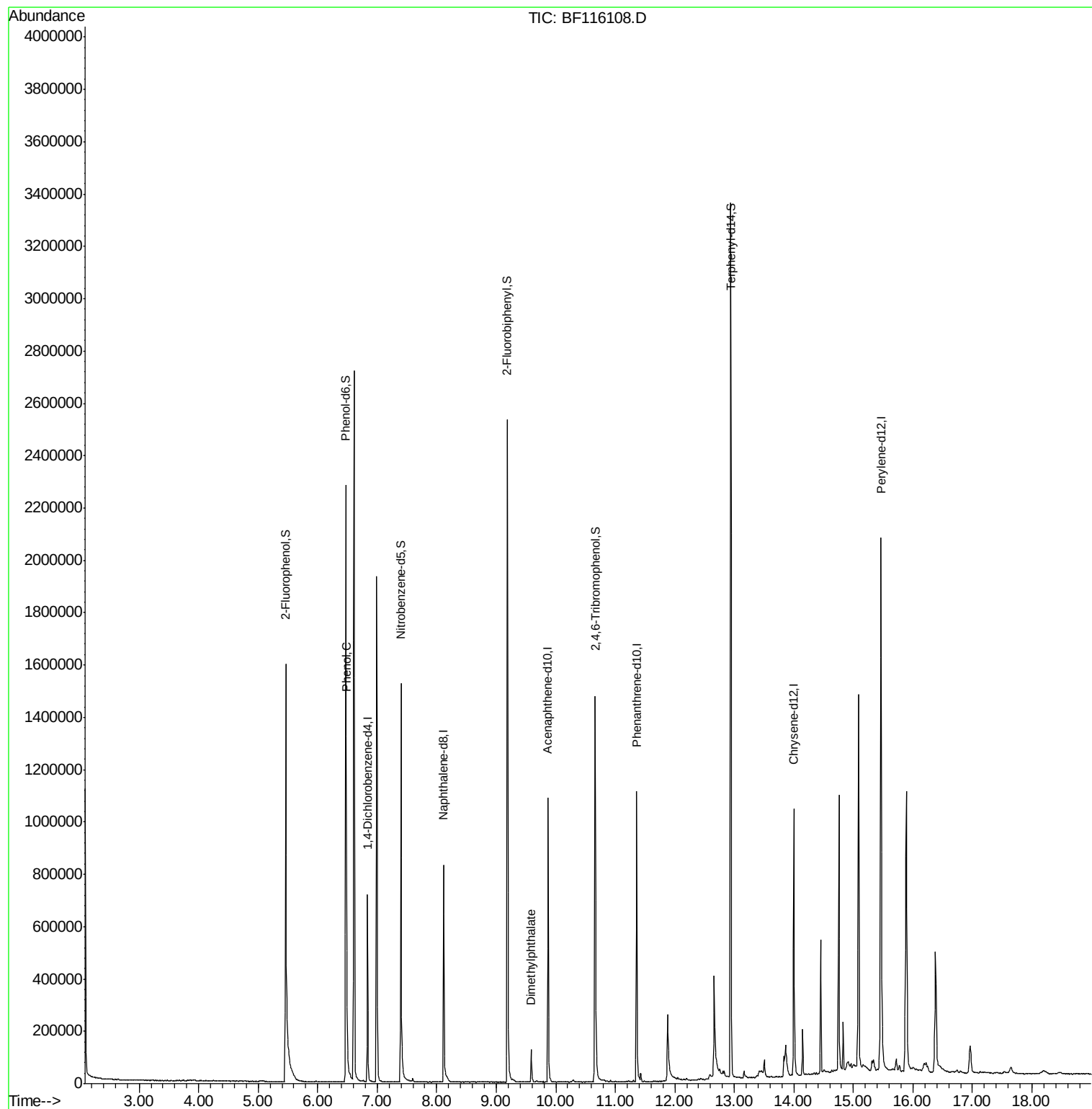
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	112000	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	443618	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	237618	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	440260	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	376617	20.00	ng	-0.01
87) Perylene-d12	15.46	264	327115	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	696591	104.12	ng	0.00
7) Phenol-d6	6.47	99	892342	105.72	ng	-0.01
23) Nitrobenzene-d5	7.40	82	550221	71.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	222668	96.65	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	893858	70.46	ng	-0.01
79) Terphenyl-d14	12.94	244	1142208	63.91	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	69958	7.038	ng	85
50) Dimethylphthalate	9.59	163	67079	4.146	ng	98

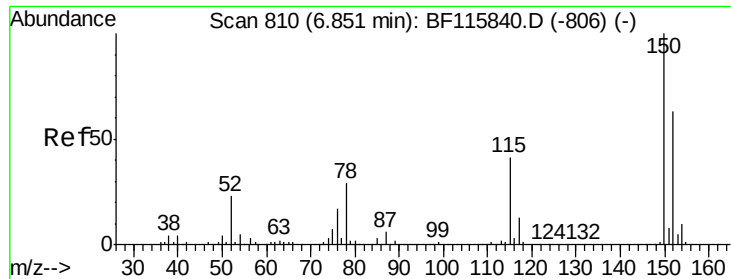
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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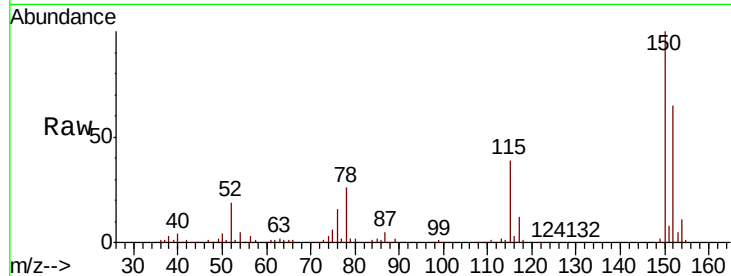


#1

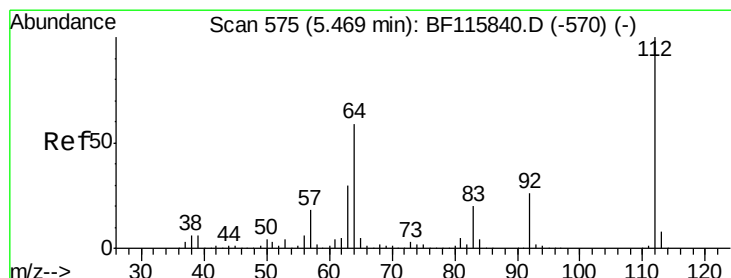
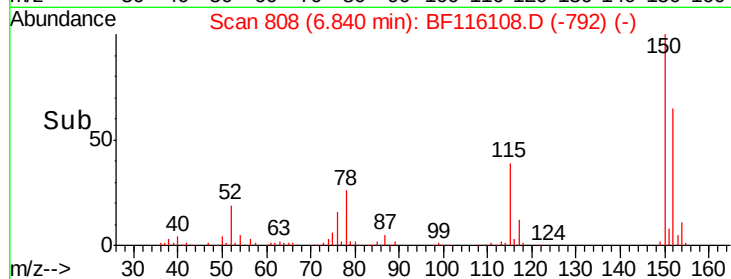
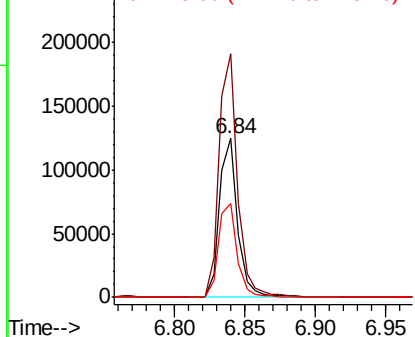
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Instrument :
BNA_F
ClientSampled :
TP-A

Tot Ion:152 Resp: 112000
Ion Ratio Lower Upper
152 100
150 153.1 126.2 189.2
115 59.3 49.9 74.9



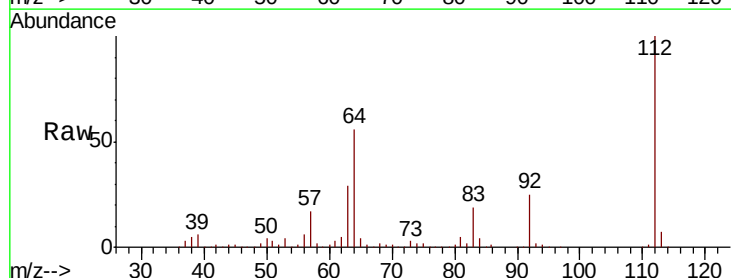
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



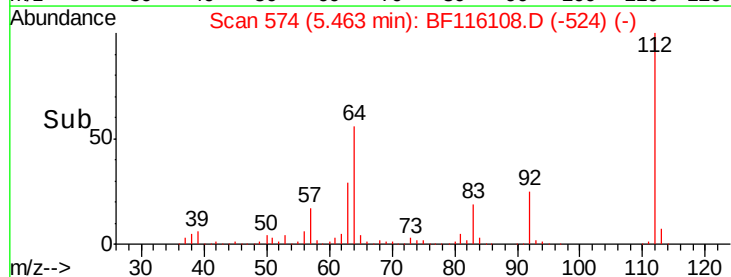
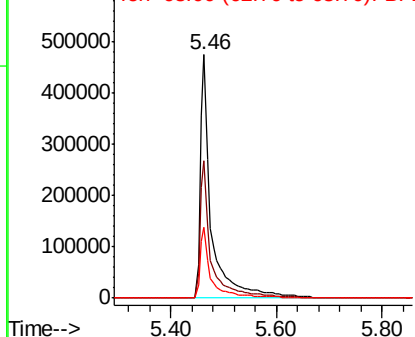
#5

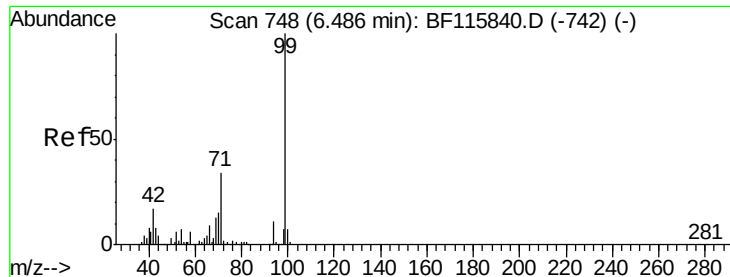
2-Fluorophenol
Concen: 104.119 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Tgt Ion:112 Resp: 696591
Ion Ratio Lower Upper
112 100
64 56.5 45.4 68.2
63 29.0 23.7 35.5



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: 105.715 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116108.D

Acq: 9 Aug 2019 12:58

Instrument :

BNA_F

ClientSampled :

TP-A

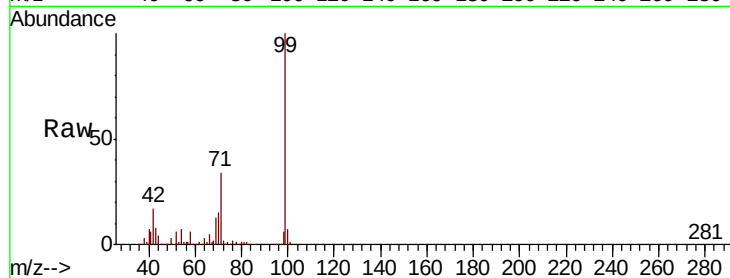
Tot Ion: 99 Resp: 892342

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.8

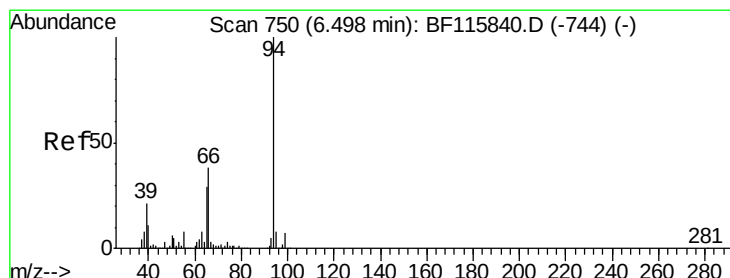
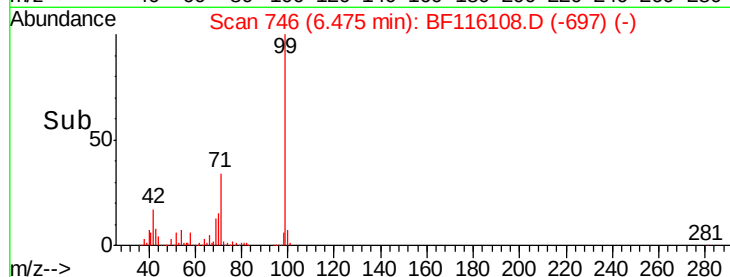
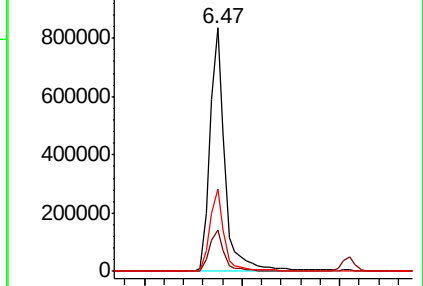
71 33.8 27.3 40.9



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: 7.038 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF116108.D

Acq: 9 Aug 2019 12:58

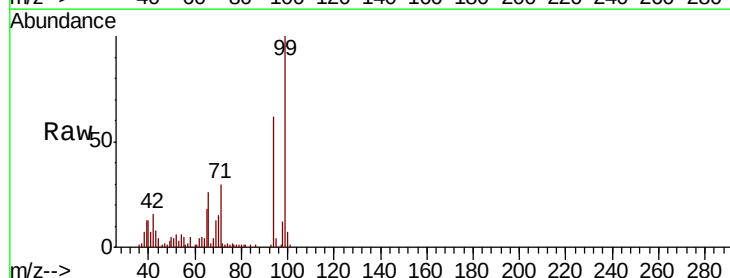
Tgt Ion: 94 Resp: 69958

Ion Ratio Lower Upper

94 100

65 28.9 16.8 56.8

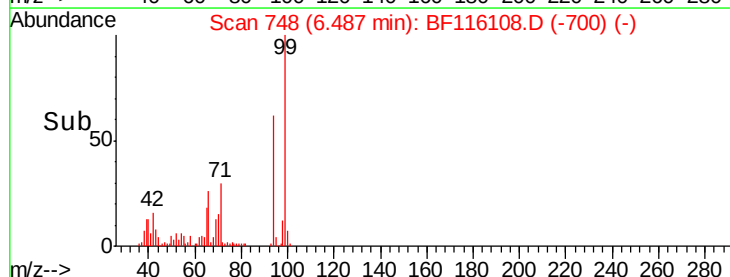
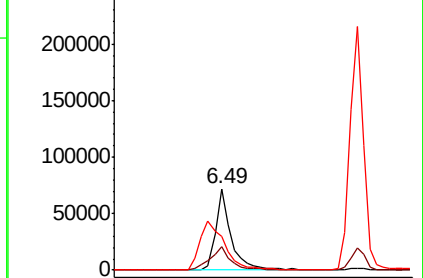
66 42.1 34.2 74.2

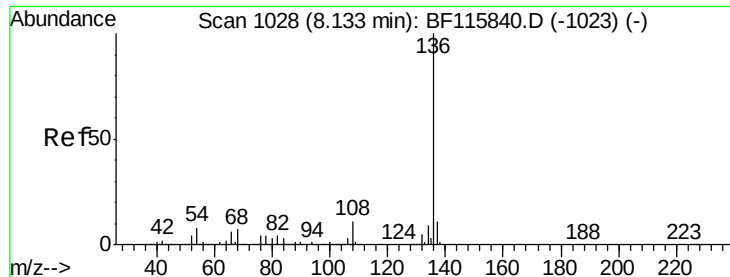


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116108.D

Acq: 9 Aug 2019 12:58

Instrument :

BNA_F

ClientSampleId :

TP-A

Tot Ion:136 Resp: 443618

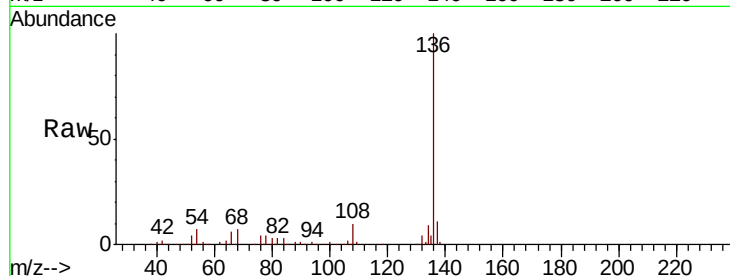
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.3 5.8 8.6

68 6.7 5.2 7.8

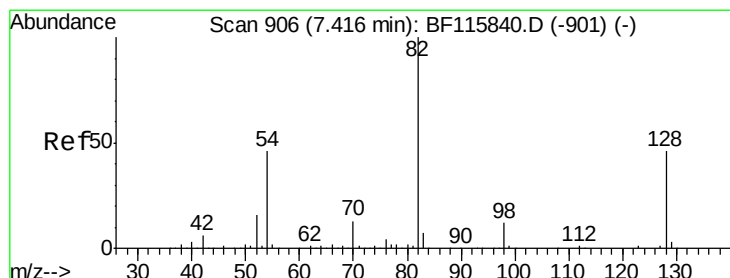
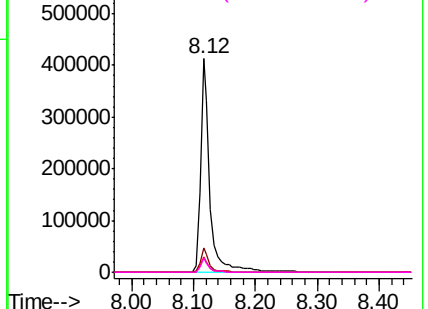
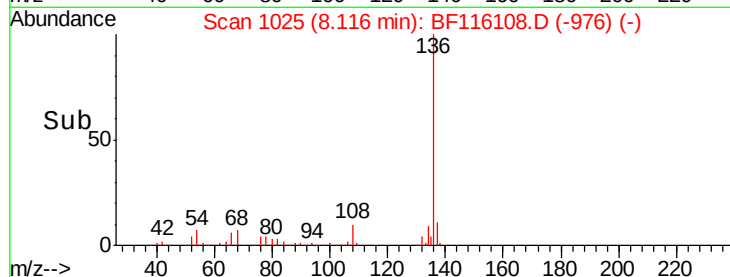


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.594 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116108.D

Acq: 9 Aug 2019 12:58

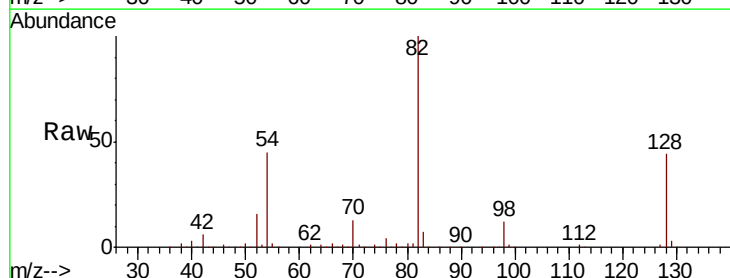
Tgt Ion: 82 Resp: 550221

Ion Ratio Lower Upper

82 100

128 44.4 36.5 54.7

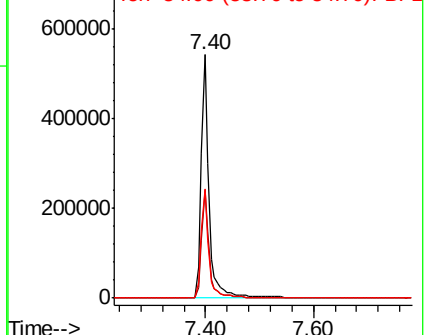
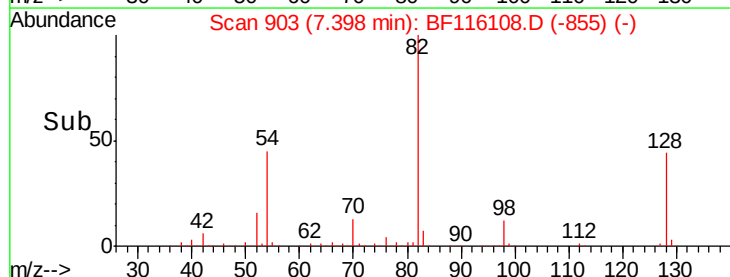
54 44.8 36.0 54.0

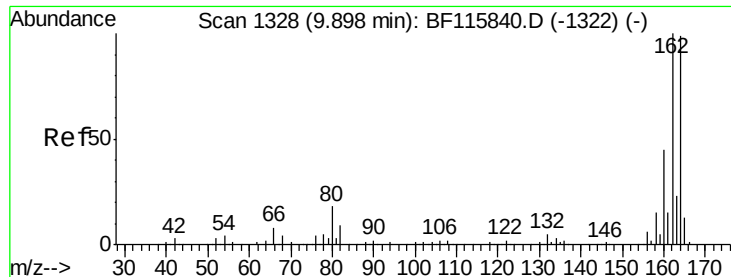


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116108.D

Acq: 9 Aug 2019 12:58

Instrument :

BNA_F

ClientSampleId :

TP-A

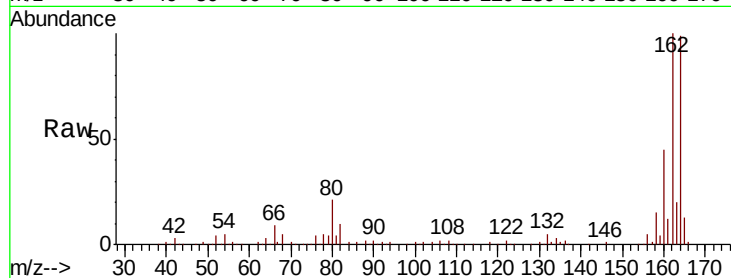
Tot Ion:164 Resp: 237618

Ion Ratio Lower Upper

164 100

162 100.9 82.6 124.0

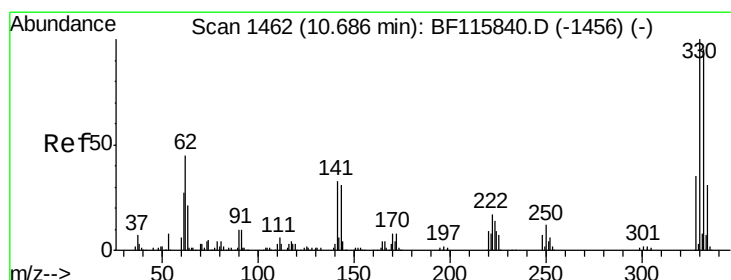
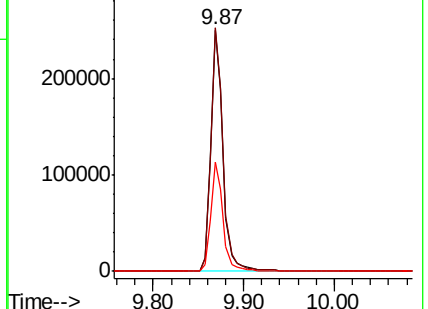
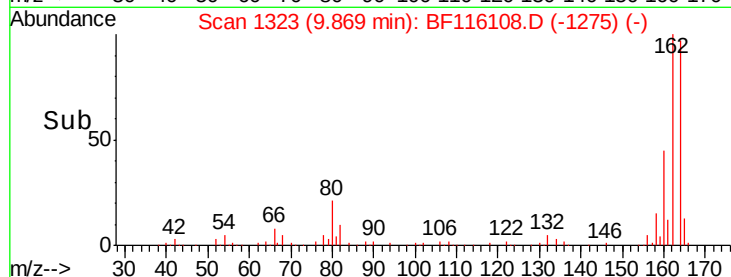
160 45.4 37.6 56.4



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: 96.654 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116108.D

Acq: 9 Aug 2019 12:58

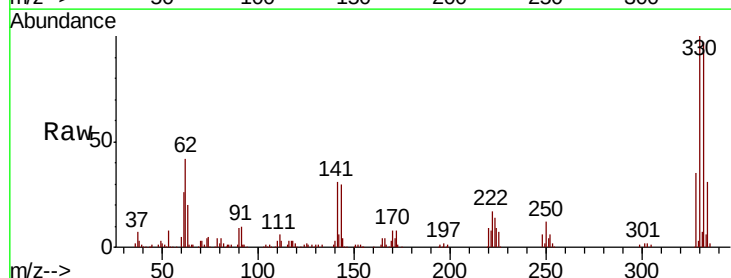
Tgt Ion:330 Resp: 222668

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

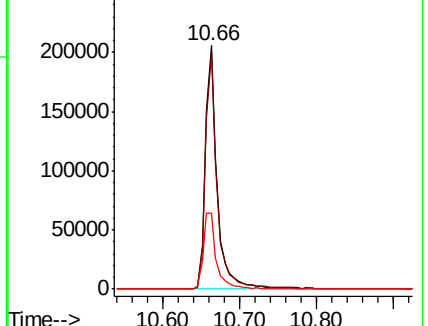
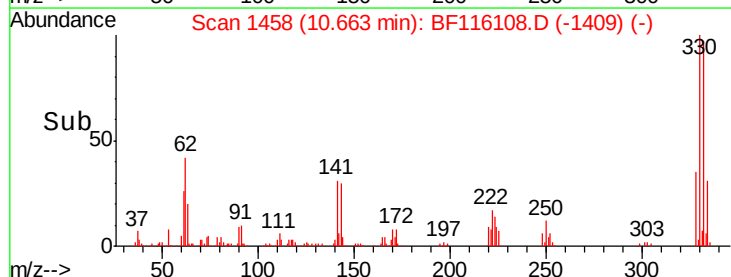
141 34.8 26.3 39.5

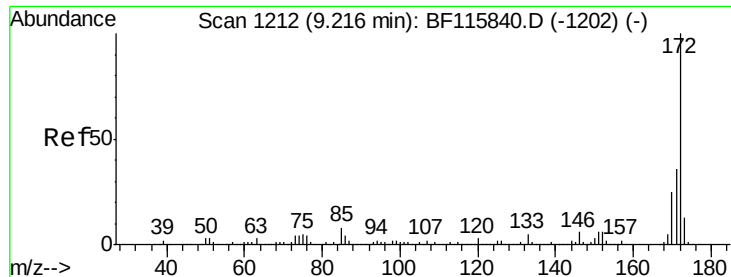


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

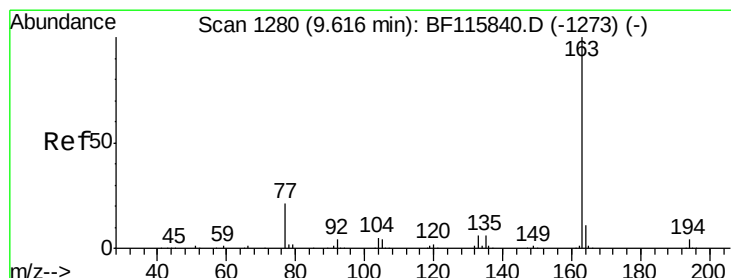
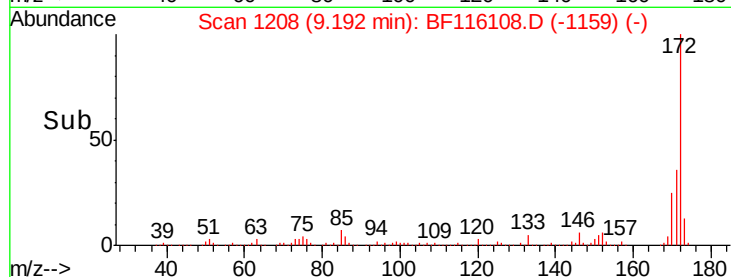
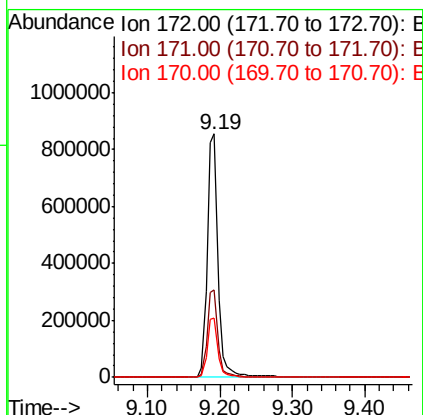
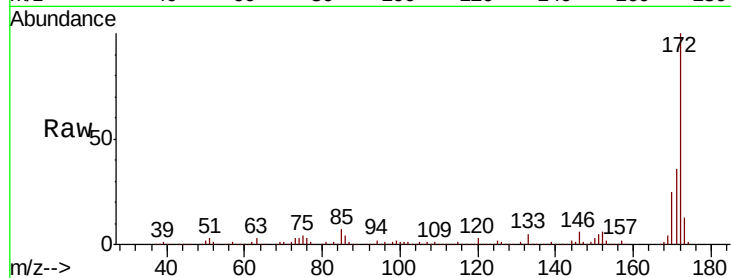




#45
2-Fluorobiphenyl
Concen: 70.460 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

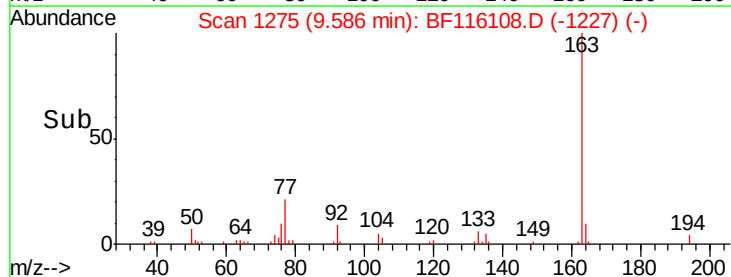
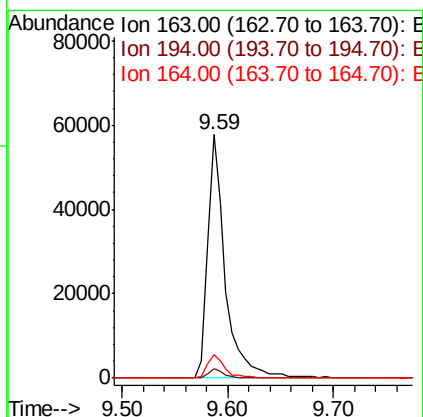
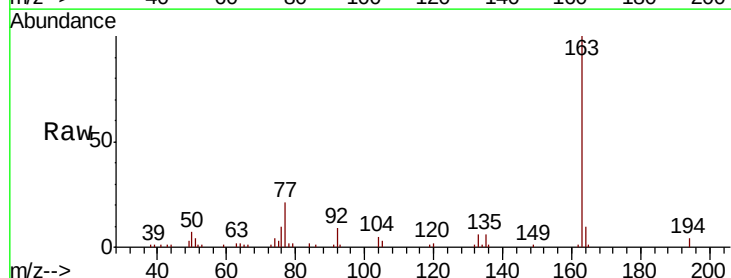
Instrument :
BNA_F
ClientSampled :
TP-A

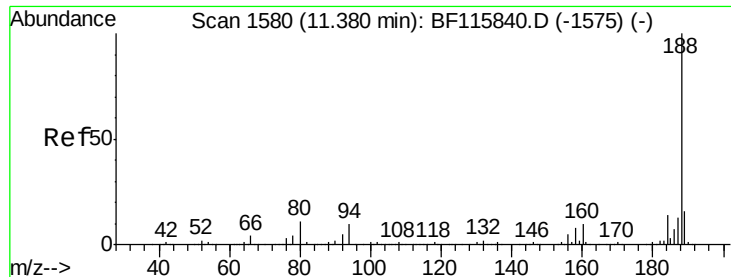
Tot Ion:172 Resp: 893858
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.5 20.1 30.1



#50
Dimethylphthalate
Concen: 4.146 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Tgt Ion:163 Resp: 67079
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.6 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116108.D

Acq: 9 Aug 2019 12:58

Instrument :

BNA_F

ClientSampleId :

TP-A

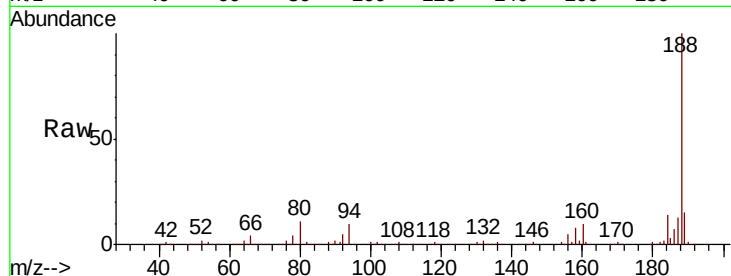
Tot Ion:188 Resp: 440260

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

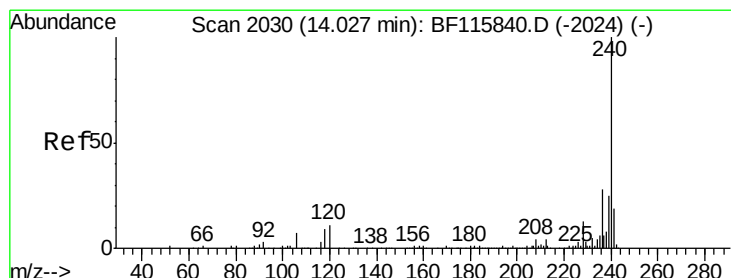
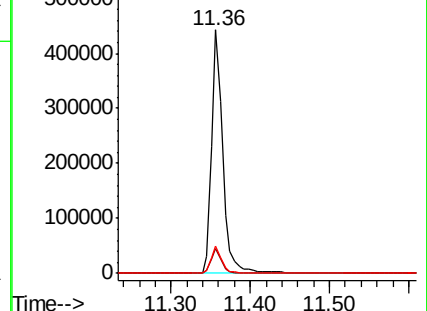
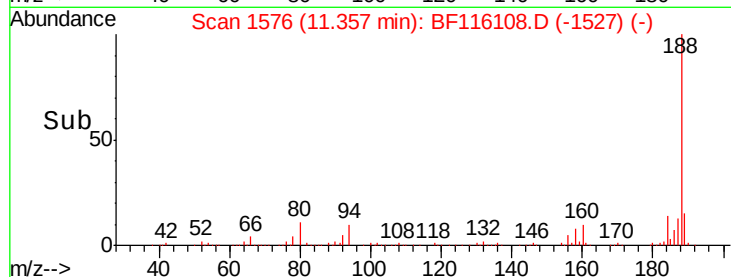
80 11.0 8.7 13.1



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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116108.D

Acq: 9 Aug 2019 12:58

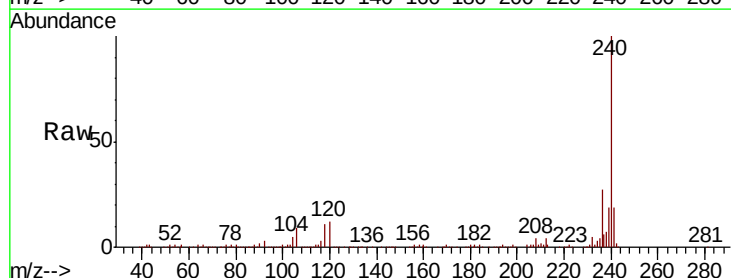
Tgt Ion:240 Resp: 376617

Ion Ratio Lower Upper

240 100

120 12.1 10.7 16.1

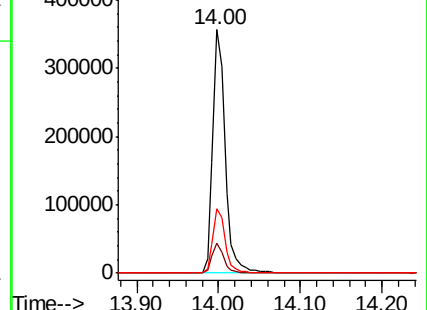
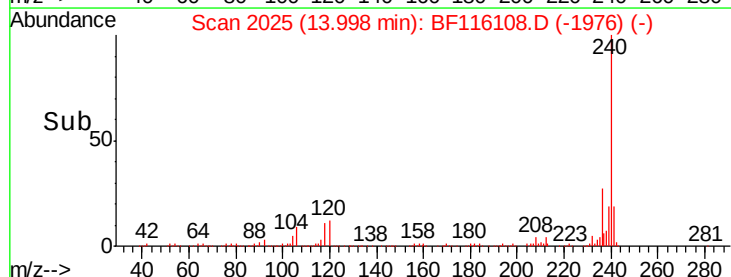
236 26.6 22.2 33.2

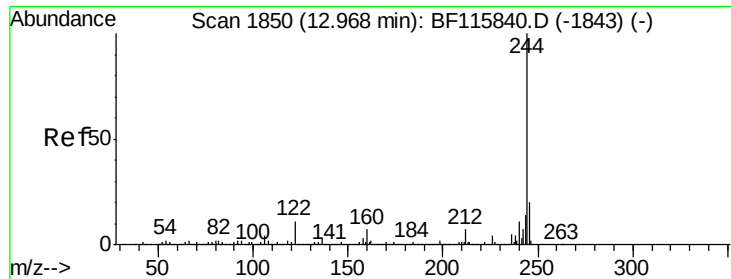


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

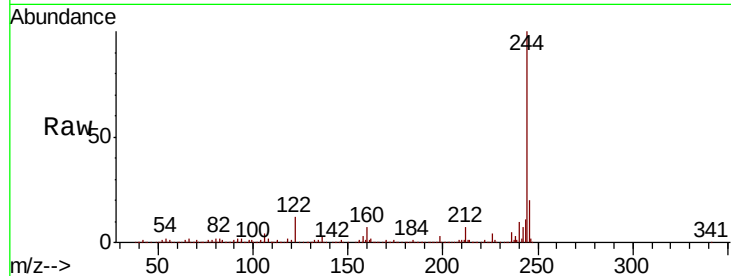




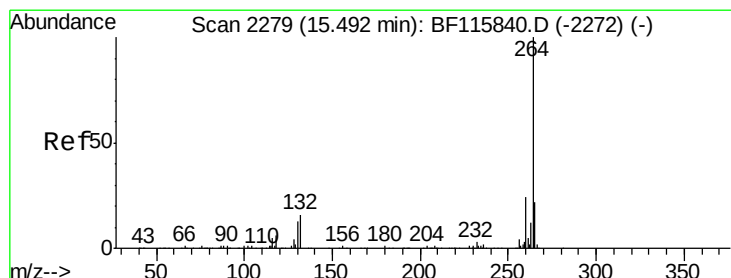
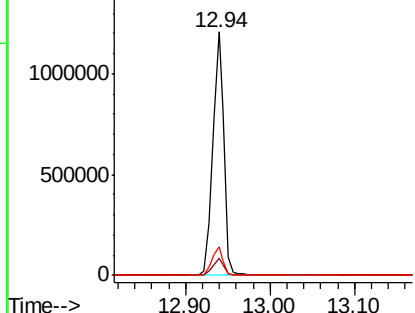
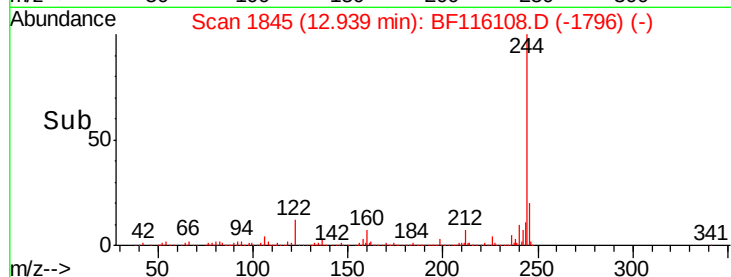
#79
 Terphenyl-d14
 Concen: 63.906 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116108.D
 Acq: 9 Aug 2019 12:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-A

Tot Ion:244 Resp: 1142208
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.9 9.0 13.4

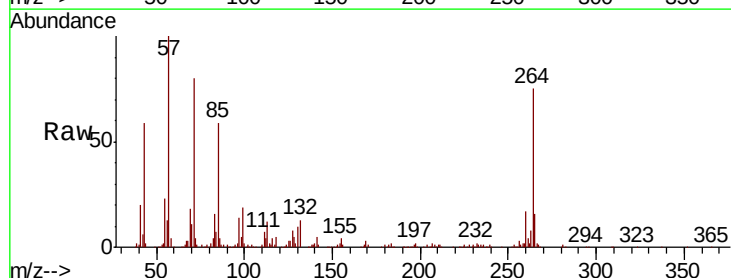


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF116108.D
 Acq: 9 Aug 2019 12:58

Tgt Ion:264 Resp: 327115
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.7 29.5
 265 21.1 17.4 26.0



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

