

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116119.D
 Acq On : 9 Aug 2019 18:24
 Operator : HP/JU
 Sample : K4241-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOTOWA-SOIL

Quant Time: Aug 10 05:00:54 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

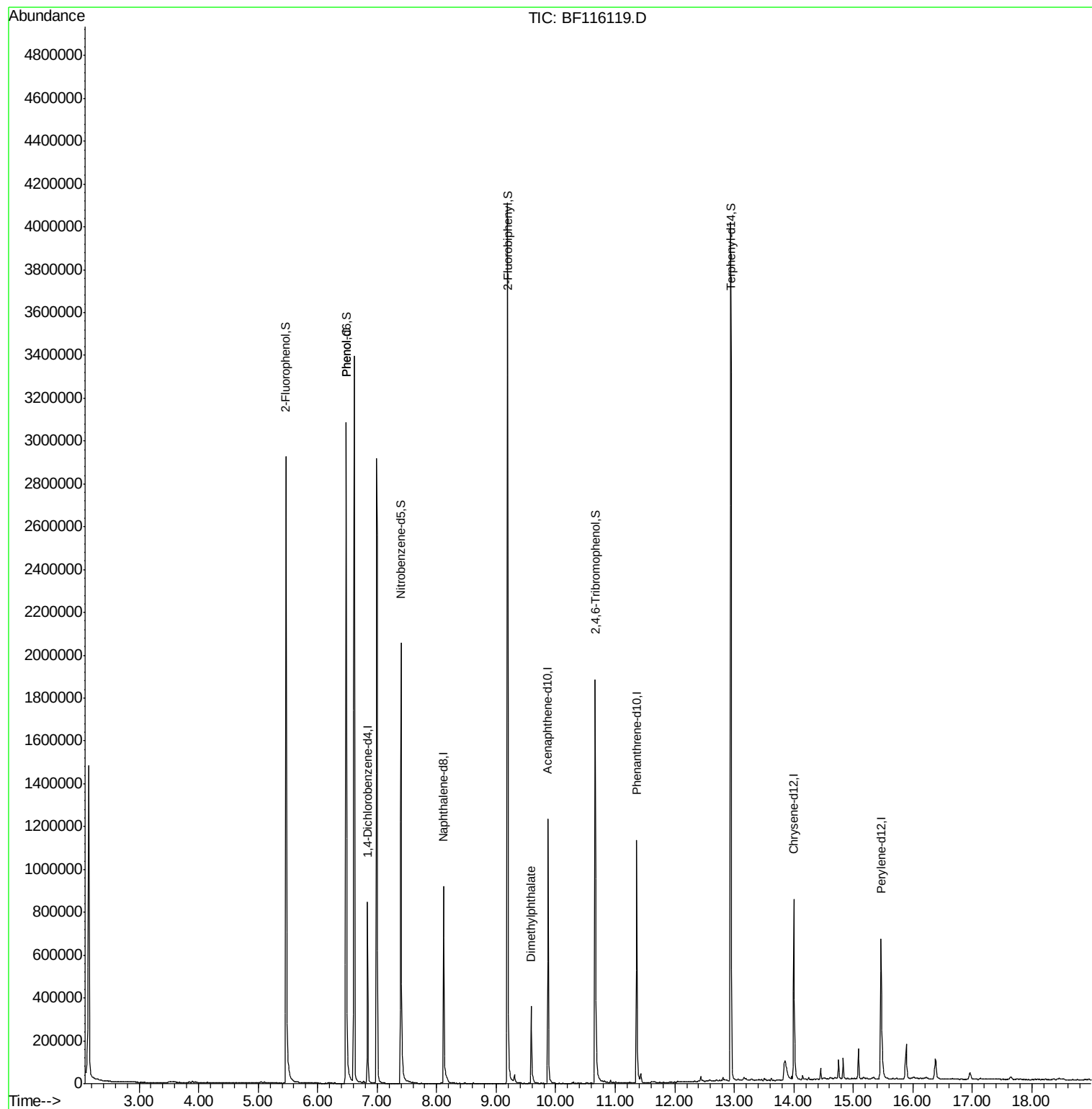
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	130013	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	501537	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	264260	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	474646	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	353480	20.00	ng	-0.01
87) Perylene-d12	15.47	264	332853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	985815	126.93	ng	0.00
7) Phenol-d6	6.48	99	1278299	130.46	ng	0.00
23) Nitrobenzene-d5	7.40	82	855977	98.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	290034	113.20	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1397179	99.03	ng	-0.01
79) Terphenyl-d14	12.94	244	1539346	91.76	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	29236	2.534	ng	Qvalue # 61
50) Dimethylphthalate	9.59	163	201783	11.214	ng	99

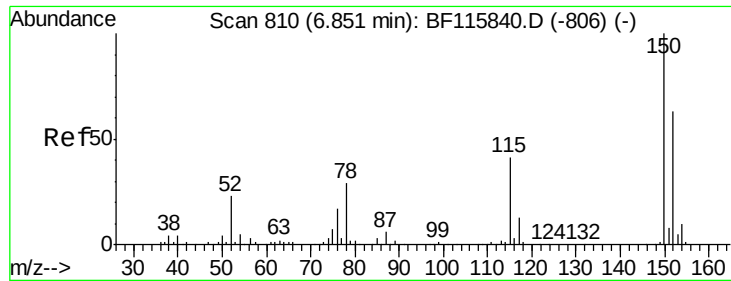
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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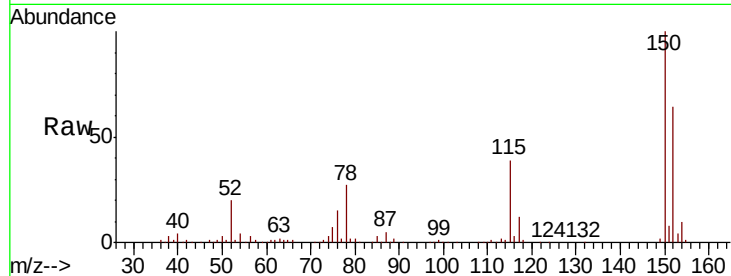


#1

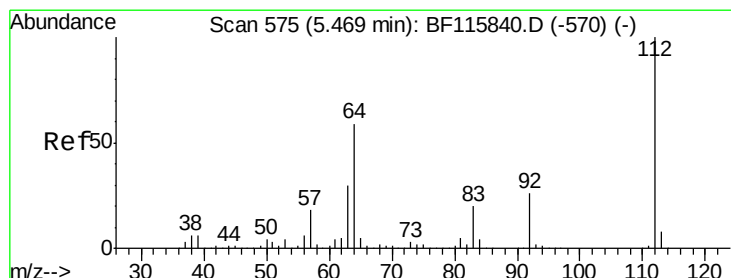
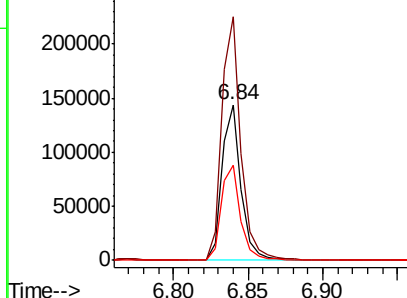
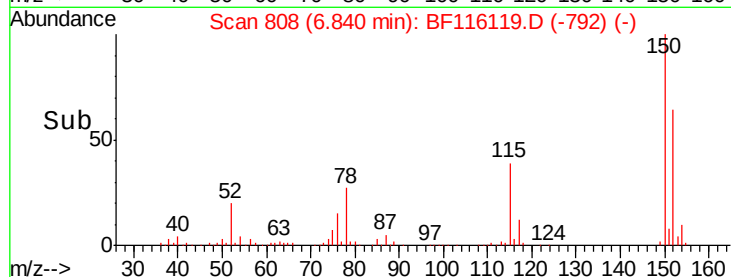
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116119.D
Acq: 9 Aug 2019 18:24

Instrument :
BNA_F
ClientSampleId :
TOTOWA-SOIL

Tot Ion:152 Resp: 130013
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 61.1 49.9 74.9



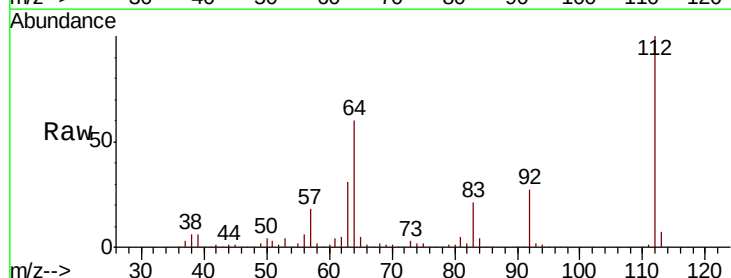
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



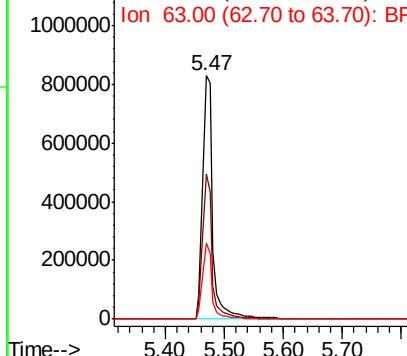
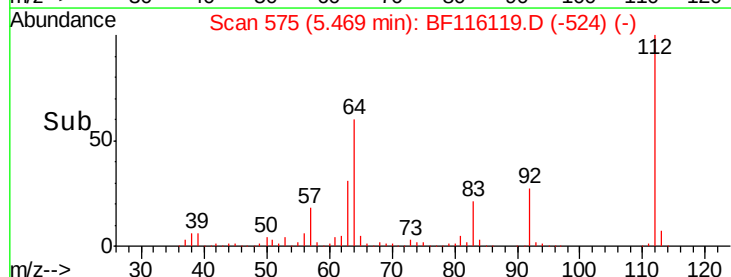
#5

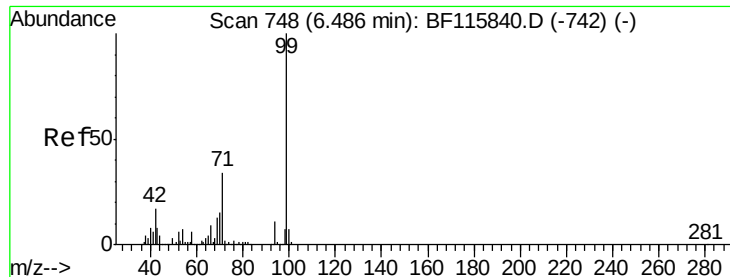
2-Fluorophenol
Concen: 126.935 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF116119.D
Acq: 9 Aug 2019 18:24

Tgt Ion:112 Resp: 985815
Ion Ratio Lower Upper
112 100
64 59.8 45.4 68.2
63 31.3 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: 130.458 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116119.D

Acq: 9 Aug 2019 18:24

Instrument :

BNA_F

ClientSampleId :

TOTOWA-SOIL

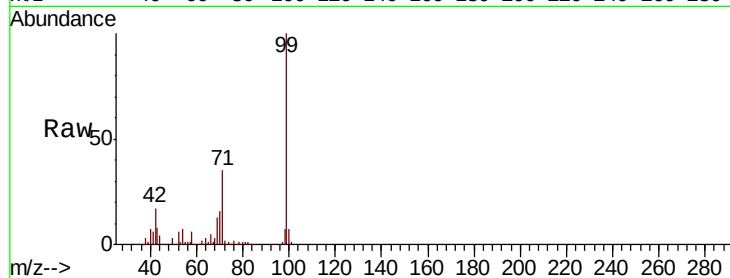
Tot Ion: 99 Resp: 1278299

Ion Ratio Lower Upper

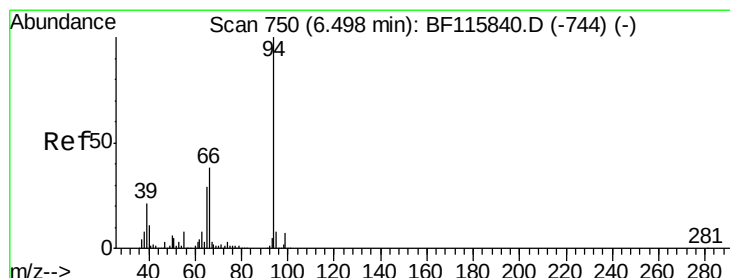
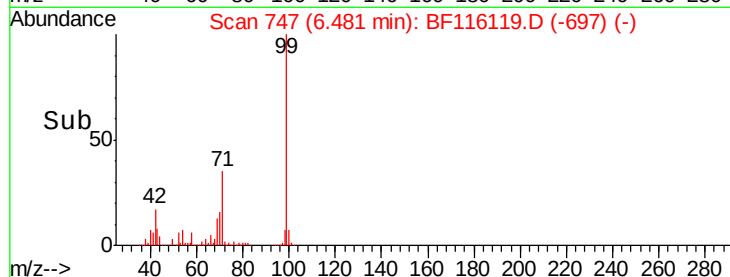
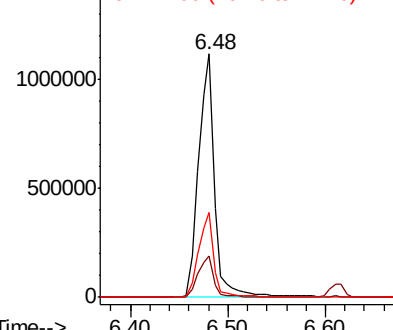
99 100

42 16.9 13.8 20.8

71 34.6 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: 2.534 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF116119.D

Acq: 9 Aug 2019 18:24

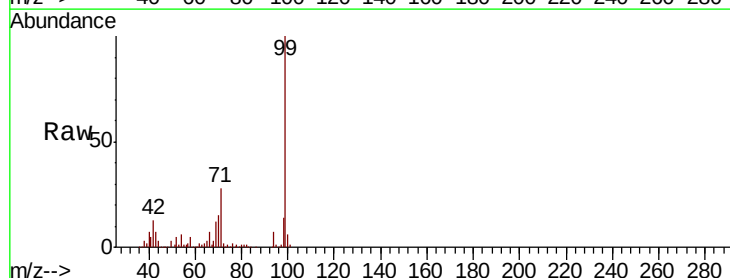
Tgt Ion: 94 Resp: 29236

Ion Ratio Lower Upper

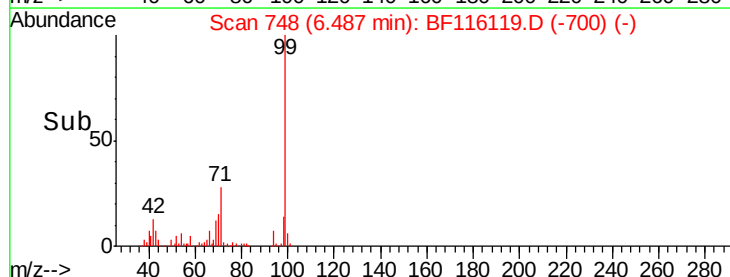
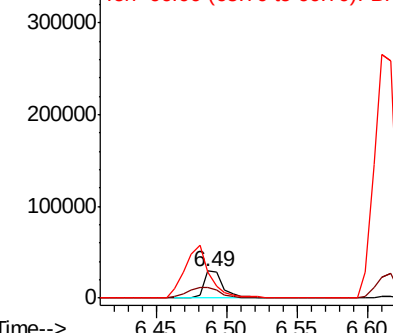
94 100

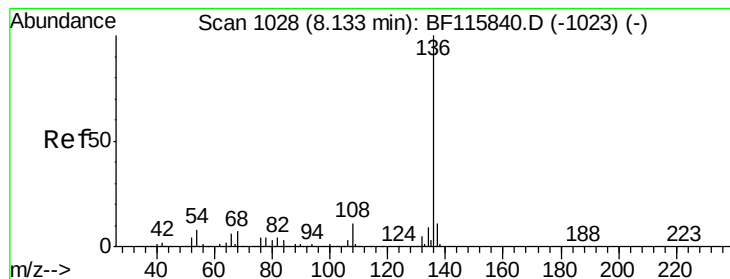
65 41.5 16.8 56.8

66 97.3 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: BF116119.D

Acq: 9 Aug 2019 18:24

Instrument :

BNA_F

ClientSampleId :

TOTOWA-SOIL

Tot Ion:136 Resp: 501537

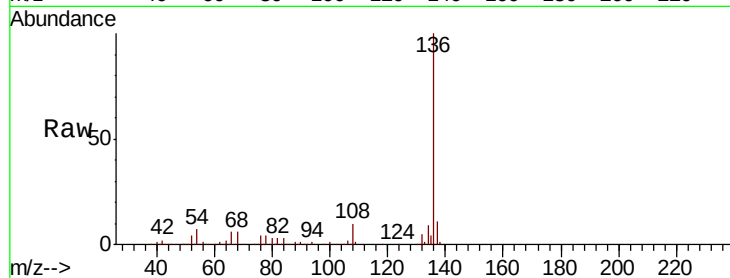
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.2 5.8 8.6

68 6.3 5.2 7.8

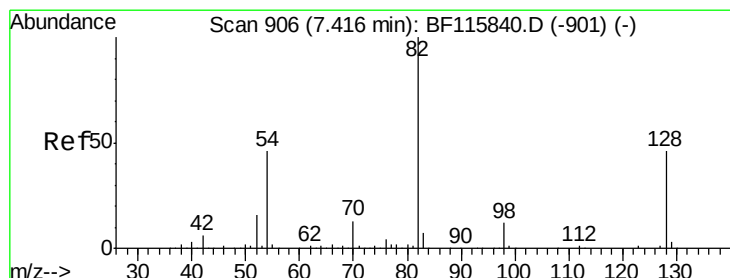
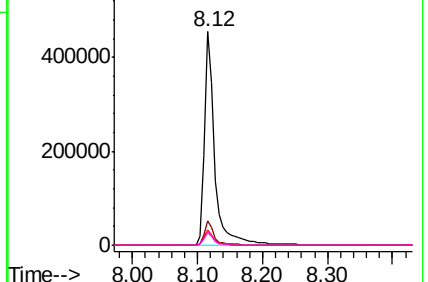
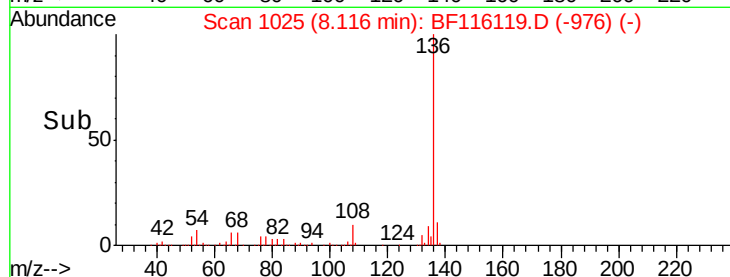


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.516 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116119.D

Acq: 9 Aug 2019 18:24

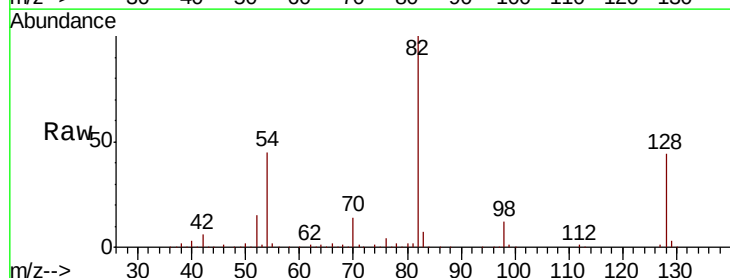
Tgt Ion: 82 Resp: 855977

Ion Ratio Lower Upper

82 100

128 44.2 36.5 54.7

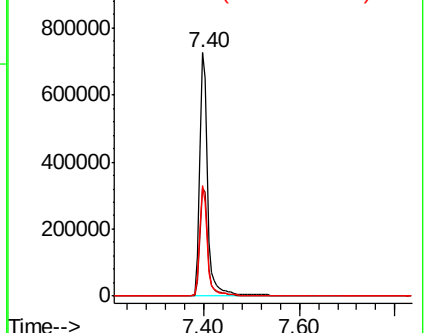
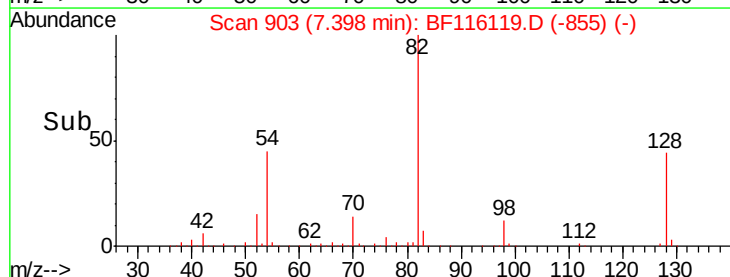
54 45.5 36.0 54.0

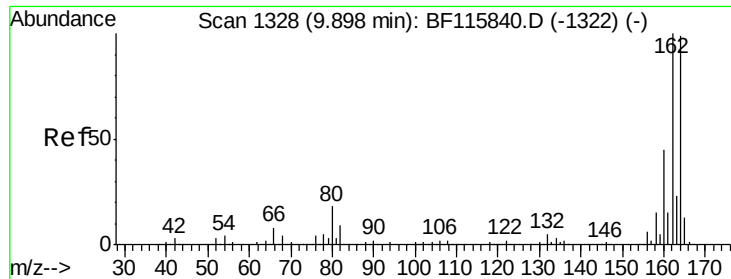


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

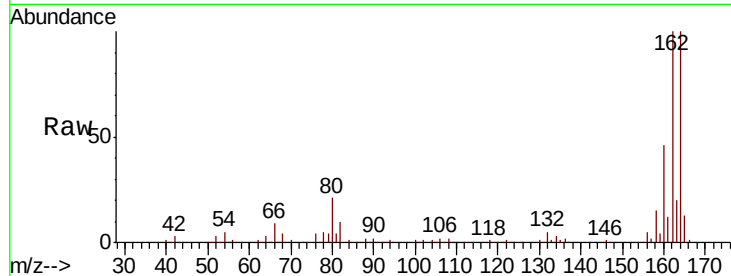




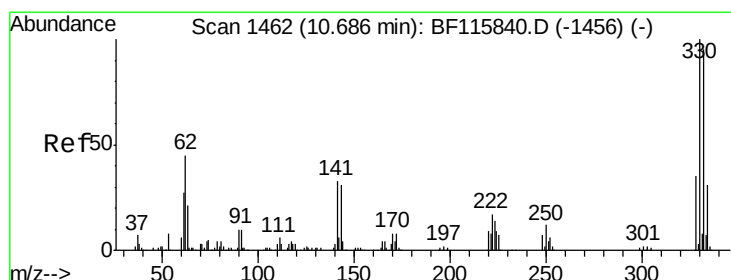
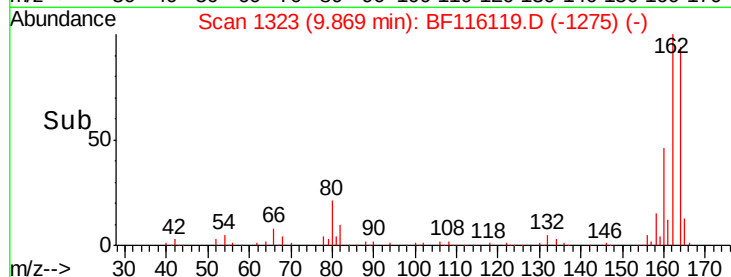
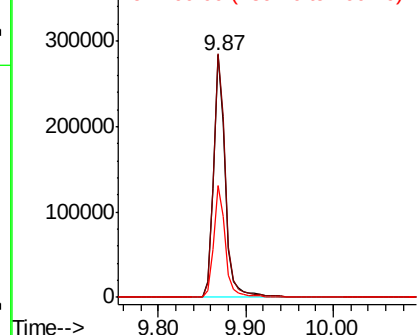
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116119.D
Acq: 9 Aug 2019 18:24

Instrument :
BNA_F
ClientSampleId :
TOTOWA-SOIL

Tot Ion:164 Resp: 264260
Ion Ratio Lower Upper
164 100
162 100.5 82.6 124.0
160 46.3 37.6 56.4

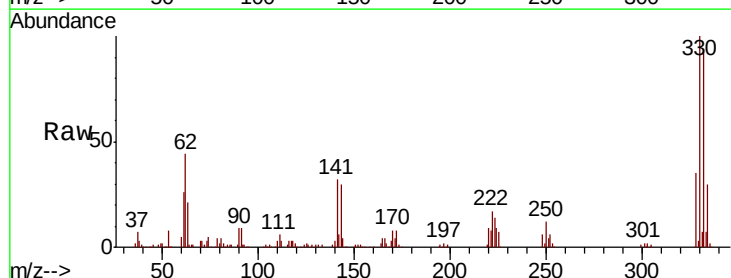


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

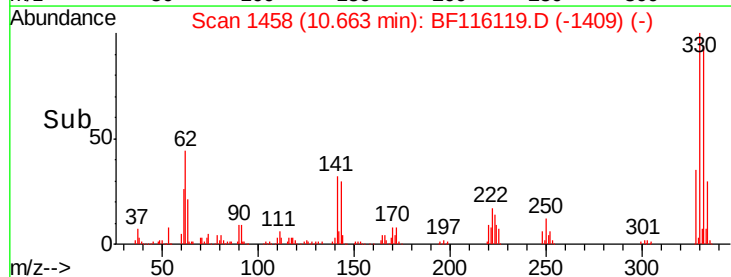
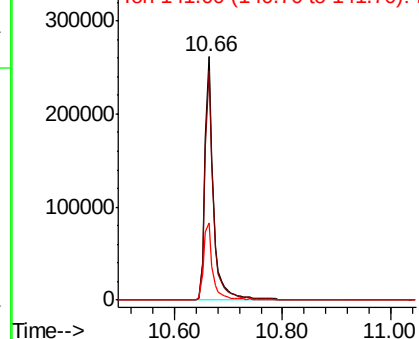


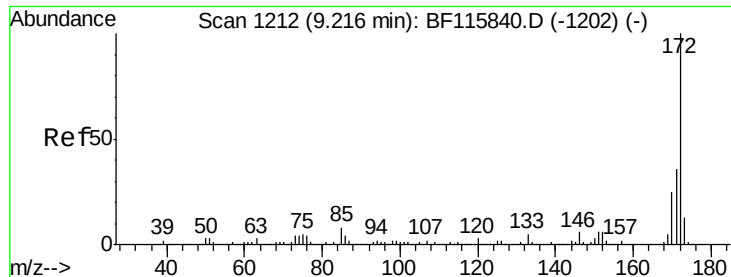
#42
2,4,6-Tribromophenol
Concen: 113.203 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116119.D
Acq: 9 Aug 2019 18:24

Tgt Ion:330 Resp: 290034
Ion Ratio Lower Upper
330 100
332 94.7 76.8 115.2
141 33.7 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



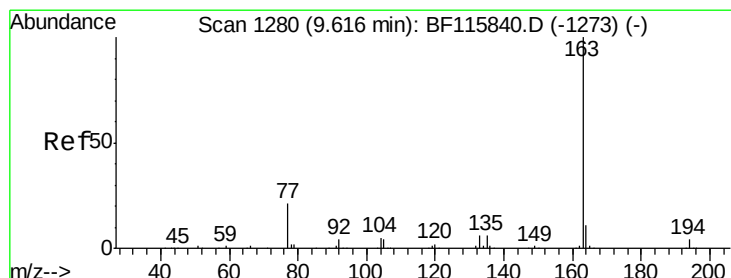
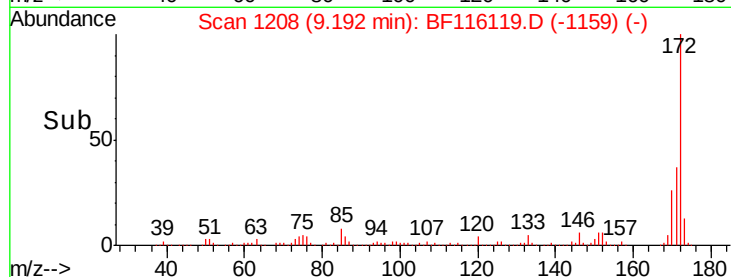
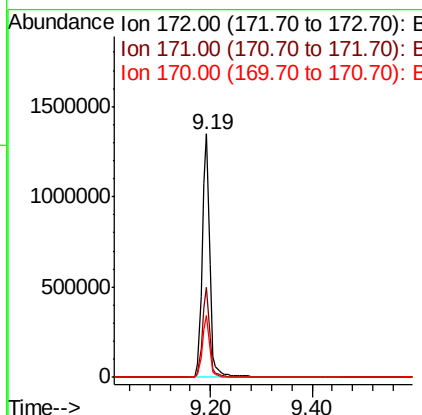
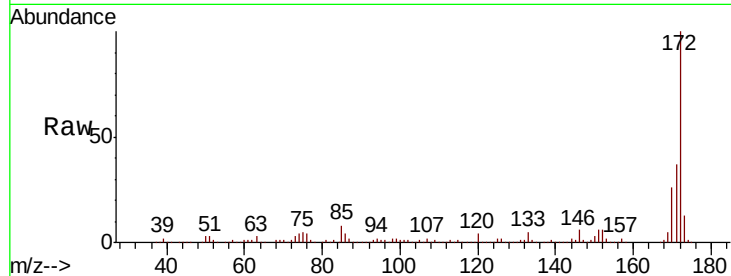


#45
 2-Fluorobiphenyl
 Concen: 99.032 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116119.D
 Acq: 9 Aug 2019 18:24

Instrument :
 BNA_F
 ClientSampleId :
 TOTOWA-SOIL

Tot Ion:172 Resp: 1397179

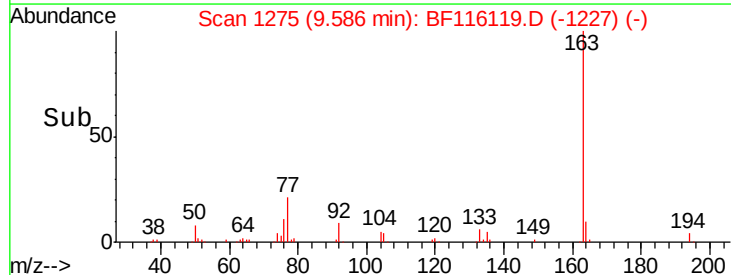
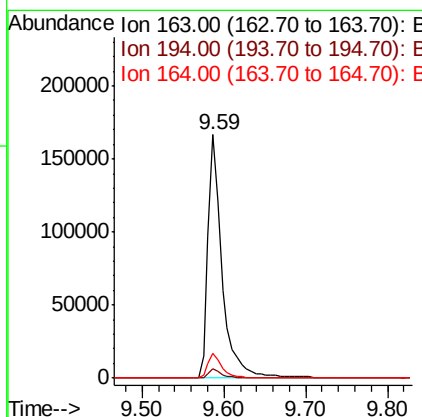
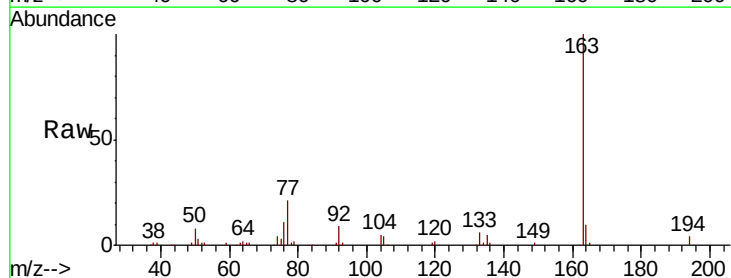
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	25.6	20.1	30.1

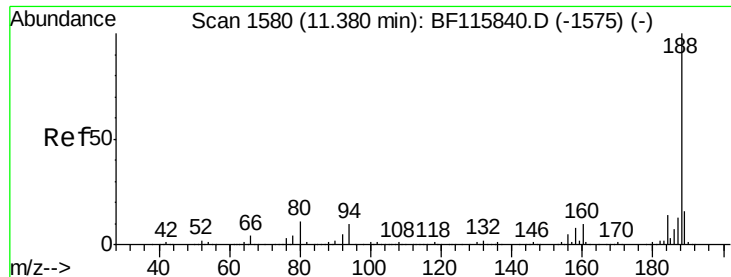


#50
 Dimethylphthalate
 Concen: 11.214 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF116119.D
 Acq: 9 Aug 2019 18:24

Tgt Ion:163 Resp: 201783

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.2	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: BF116119.D

Acq: 9 Aug 2019 18:24

Instrument :

BNA_F

ClientSampleId :

TOTOWA-SOIL

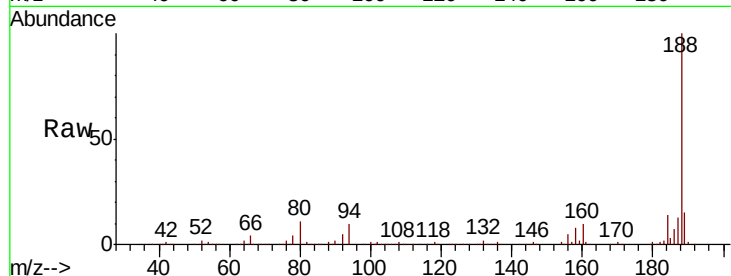
Tot Ion:188 Resp: 474646

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

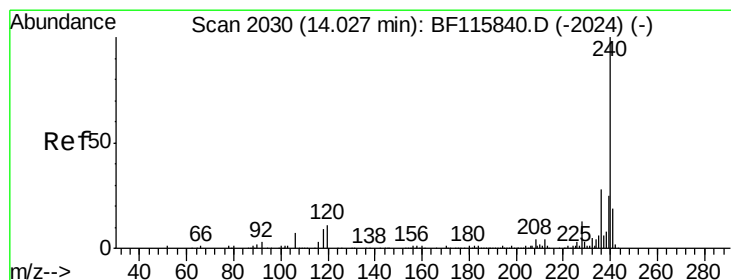
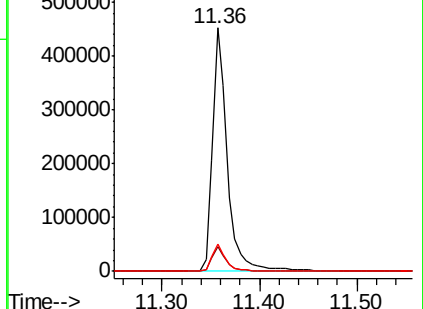
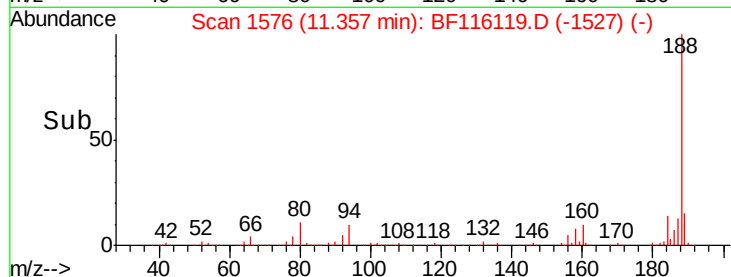
80 11.3 8.7 13.1



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: BF116119.D

Acq: 9 Aug 2019 18:24

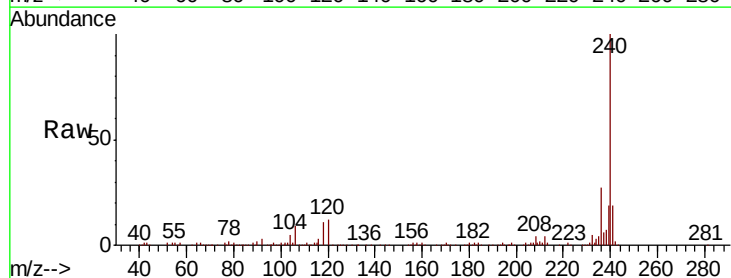
Tgt Ion:240 Resp: 353480

Ion Ratio Lower Upper

240 100

120 12.3 10.7 16.1

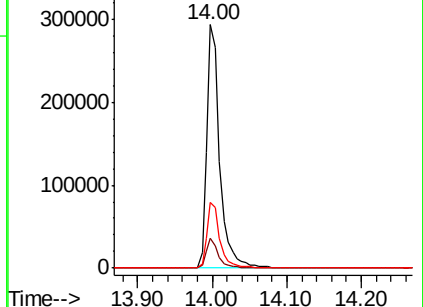
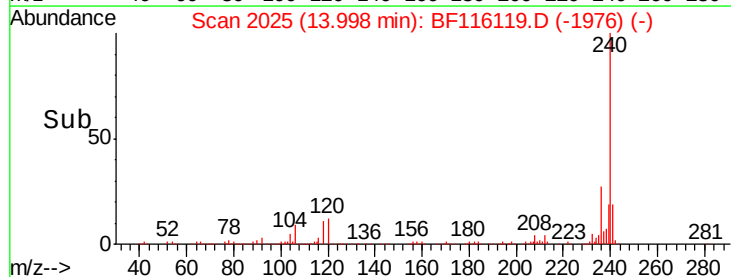
236 26.7 22.2 33.2

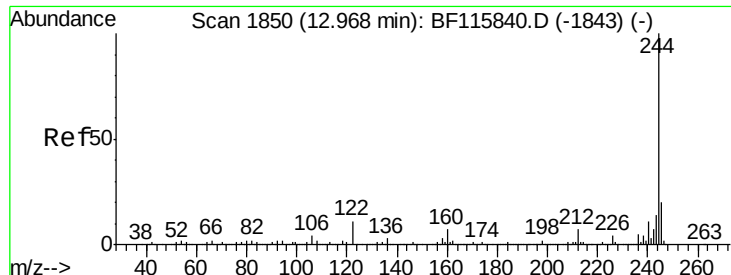


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.764 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116119.D

Acq: 9 Aug 2019 18:24

Instrument :

BNA_F

ClientSampleId :

TOTOWA-SOIL

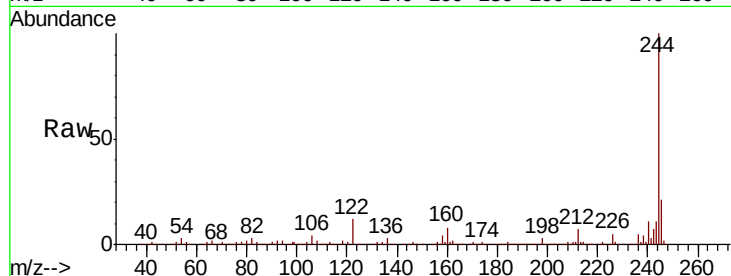
Tot Ion:244 Resp: 1539346

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

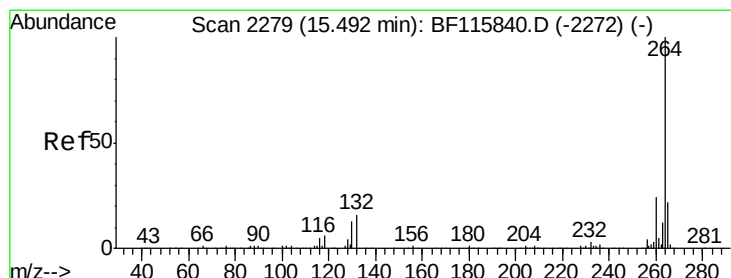
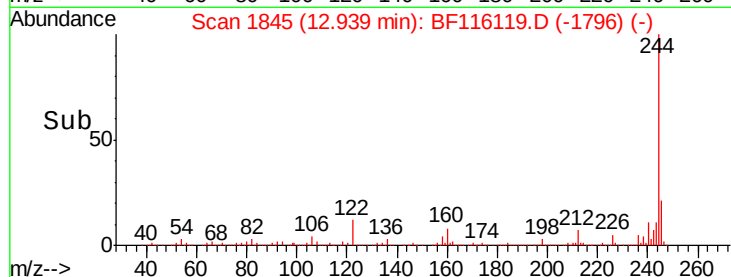
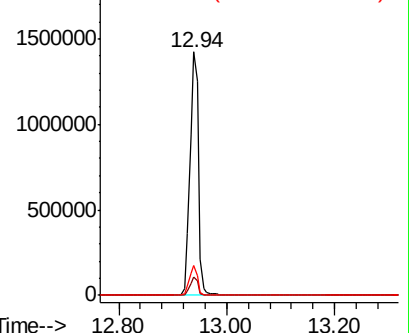
122 12.1 9.0 13.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116119.D

Acq: 9 Aug 2019 18:24

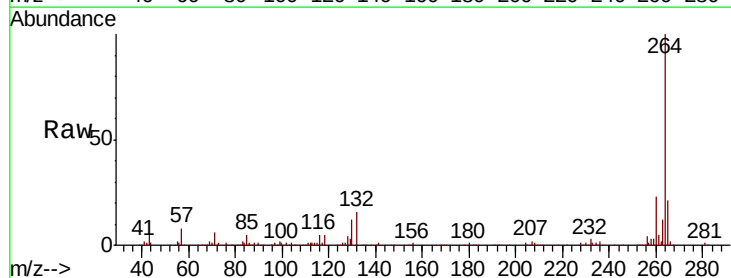
Tgt Ion:264 Resp: 332853

Ion Ratio Lower Upper

264 100

260 23.3 19.7 29.5

265 21.2 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

