

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117957.D
 Acq On : 23 Nov 2019 15:33
 Operator : JU
 Sample : K5972-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

Quant Time: Nov 25 08:16:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

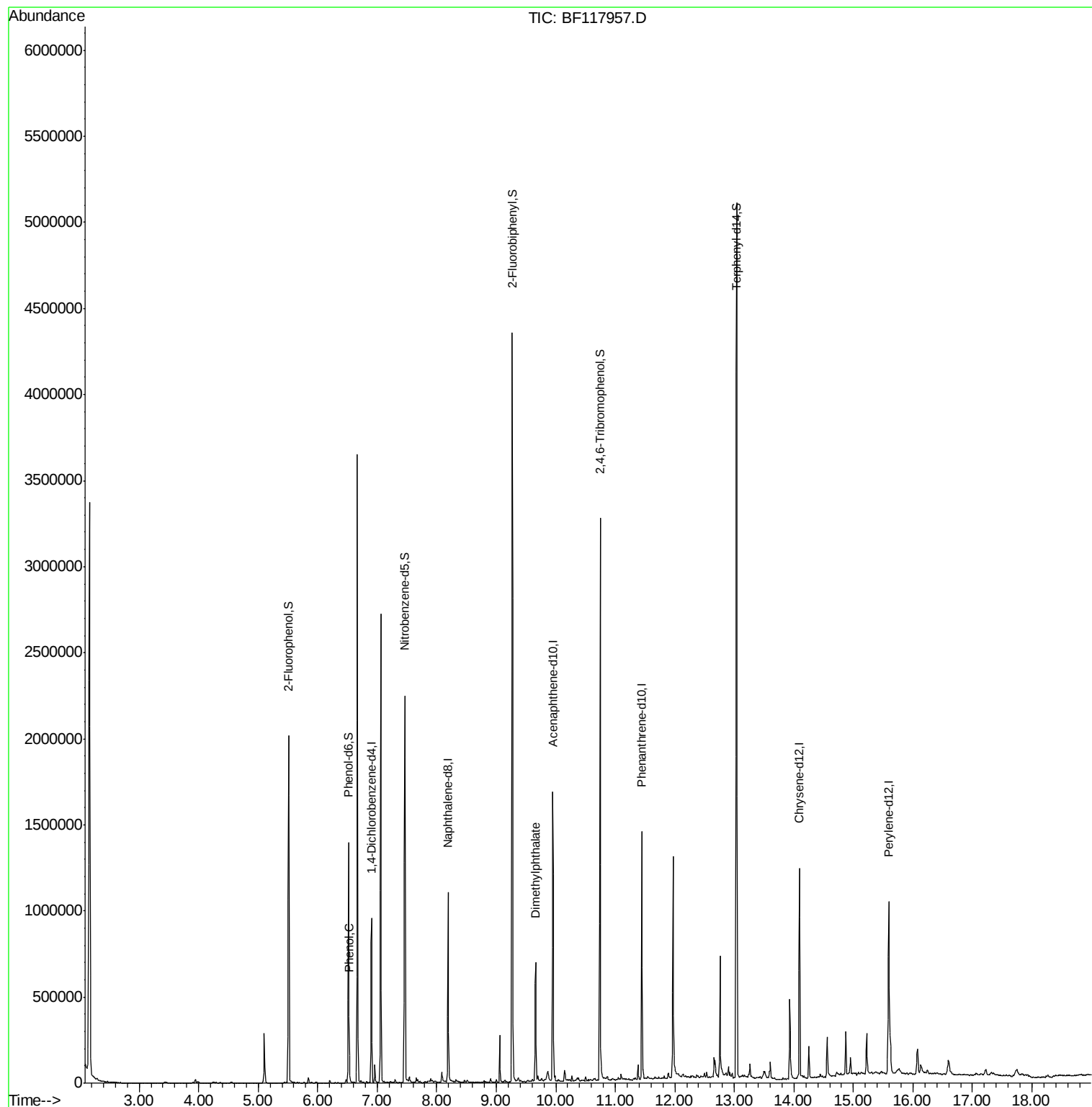
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	135616	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	530538	20.00	ng	-0.02
39) Acenaphthene-d10	9.95	164	302088	20.00	ng	-0.02
64) Phenanthrene-d10	11.44	188	491203	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	388083	20.00	ng	-0.02
87) Perylene-d12	15.59	264	487549	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	567358	74.05	ng	-0.02
7) Phenol-d6	6.52	99	471826	51.06	ng	-0.02
23) Nitrobenzene-d5	7.46	82	752109	84.27	ng	-0.03
42) 2,4,6-Tribromophenol	10.75	330	408548	127.74	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1331002	79.05	ng	-0.02
79) Terphenyl-d14	13.04	244	1736179	81.76	ng	-0.02
Target Compounds						
10) Phenol	6.53	94	36646	3.816	ng	93
50) Dimethylphthalate	9.66	163	285858	13.494	ng	98

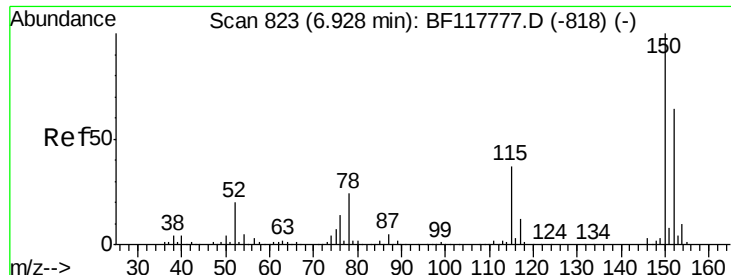
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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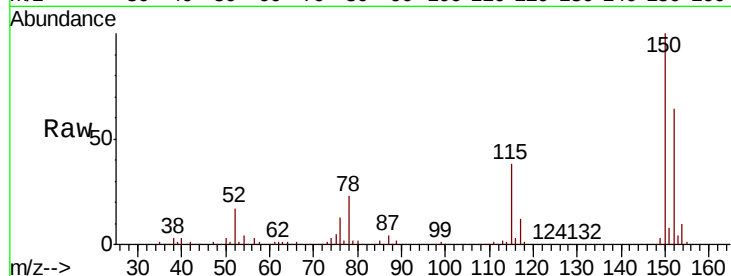




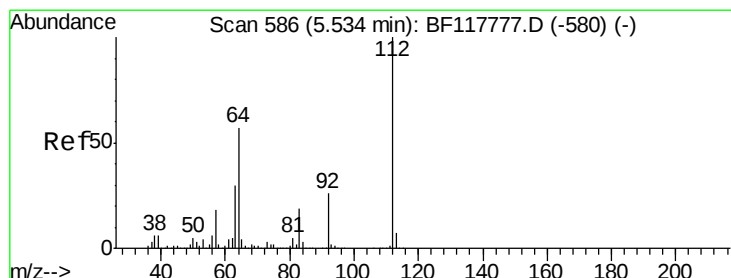
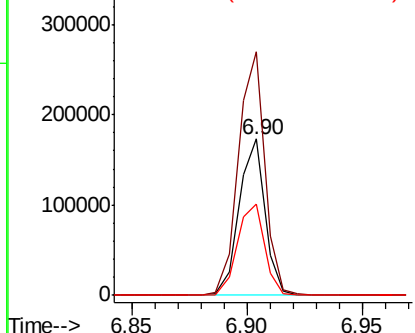
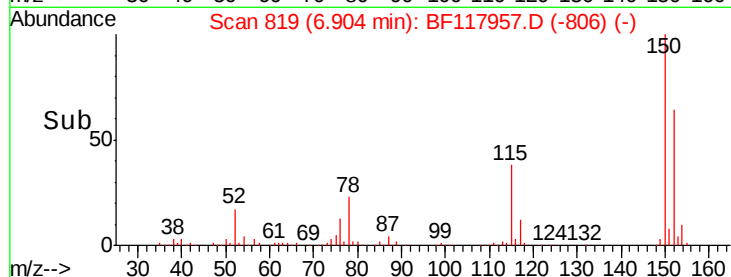
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF117957.D
 Acq: 23 Nov 2019 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

Tot Ion:152 Resp: 135616
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.3 187.9
 115 58.7 47.0 70.4

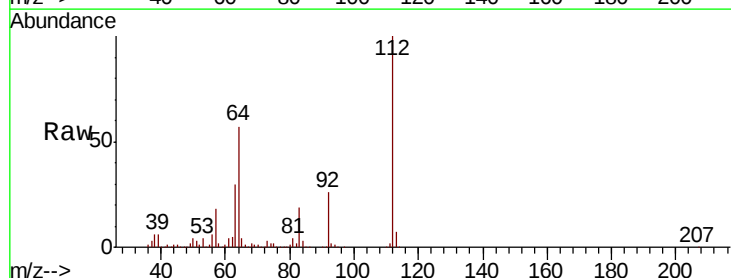


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

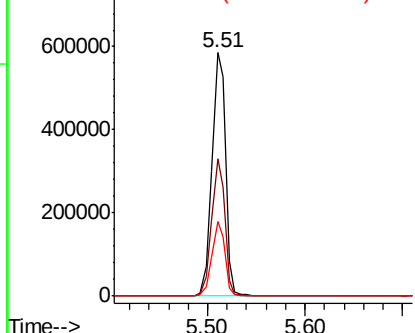
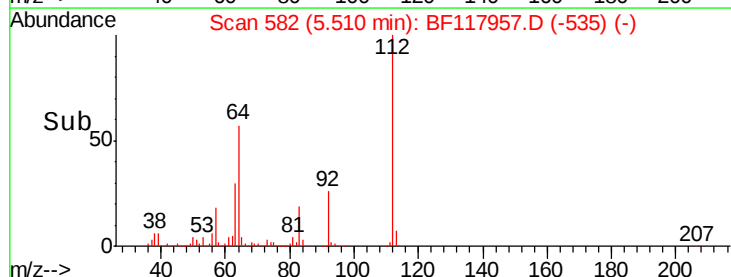


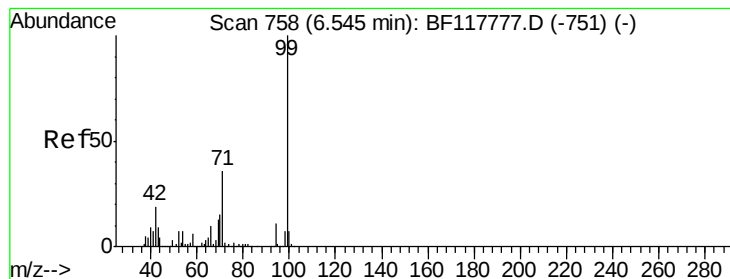
#5
 2-Fluorophenol
 Concen: 74.053 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.02 min
 Lab File: BF117957.D
 Acq: 23 Nov 2019 15:33

Tgt Ion:112 Resp: 567358
 Ion Ratio Lower Upper
 112 100
 64 56.6 45.6 68.4
 63 30.5 24.1 36.1



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: 51.058 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF117957.D

Acq: 23 Nov 2019 15:33

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

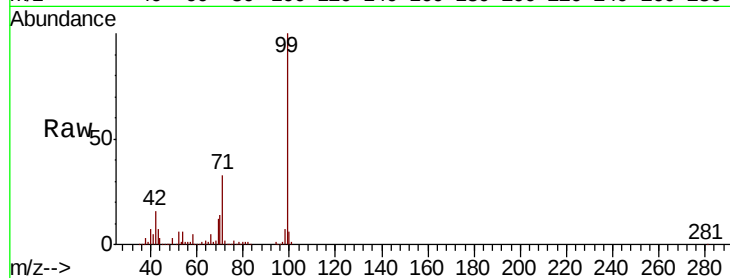
Tot Ion: 99 Resp: 471826

Ion Ratio Lower Upper

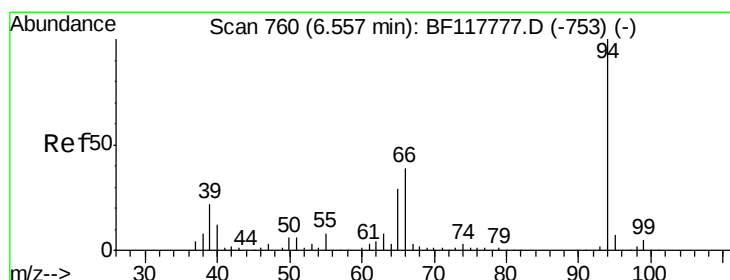
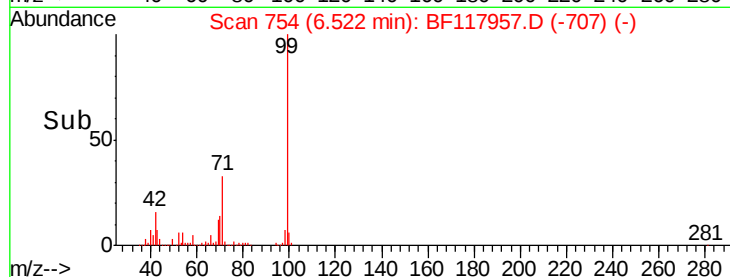
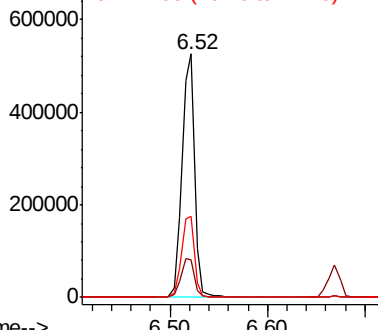
99 100

42 15.6 14.9 22.3

71 33.0 28.6 43.0



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: 3.816 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF117957.D

Acq: 23 Nov 2019 15:33

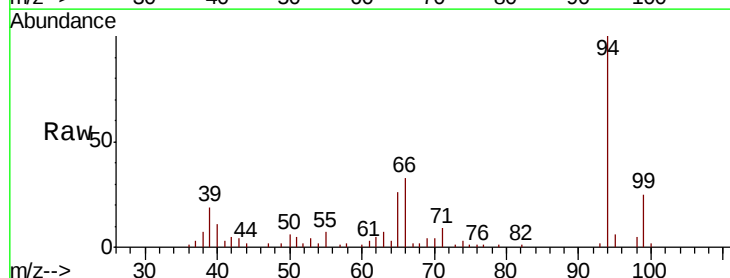
Tgt Ion: 94 Resp: 36646

Ion Ratio Lower Upper

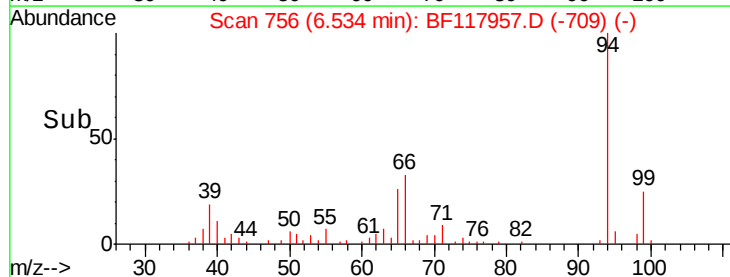
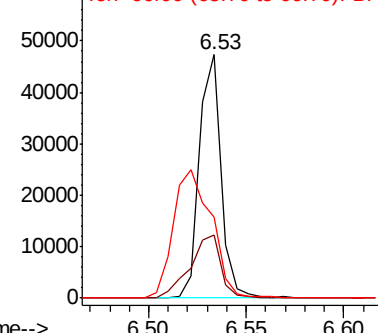
94 100

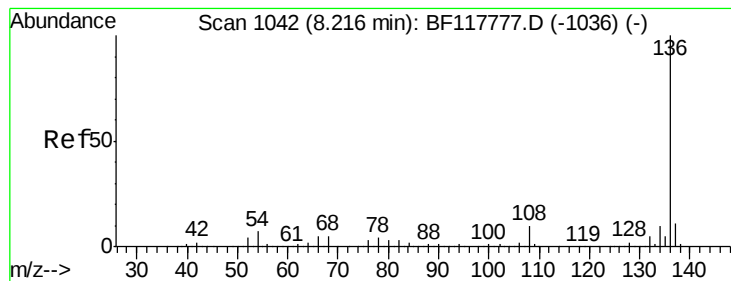
65 25.9 8.9 48.9

66 33.4 18.7 58.7



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# 1038

Delta R.T. -0.02 min

Lab File: BF117957.D

Acq: 23 Nov 2019 15:33

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

Tot Ion:136 Resp: 530538

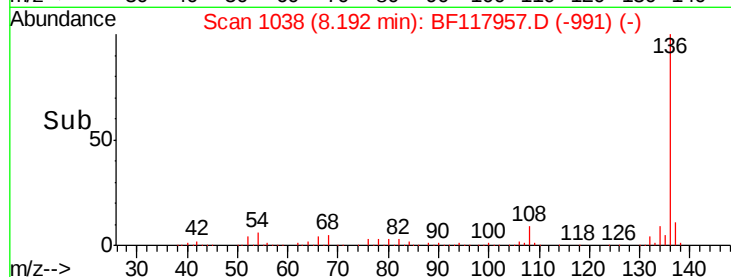
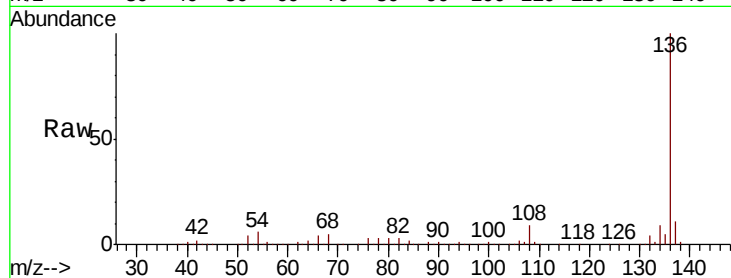
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.1 5.4 8.2

68 4.7 4.3 6.5

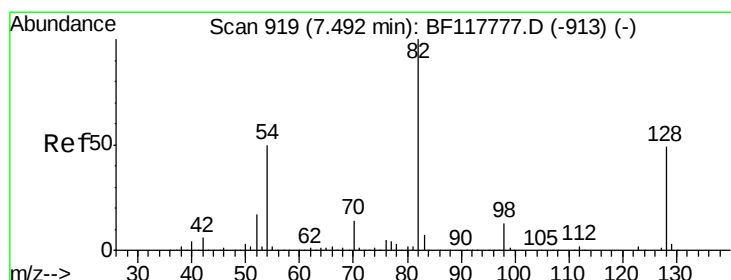
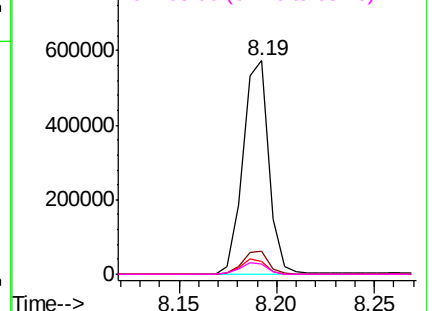


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.273 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF117957.D

Acq: 23 Nov 2019 15:33

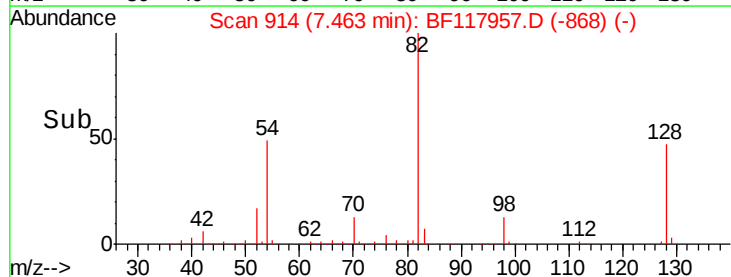
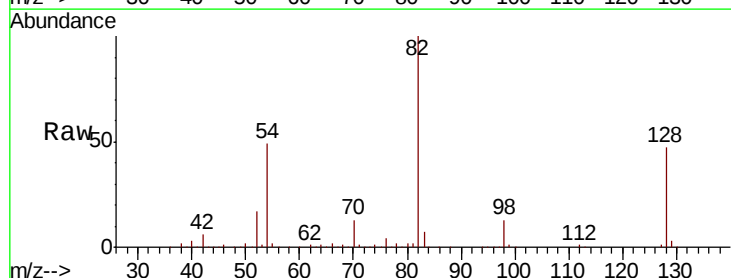
Tgt Ion: 82 Resp: 752109

Ion Ratio Lower Upper

82 100

128 46.8 38.9 58.3

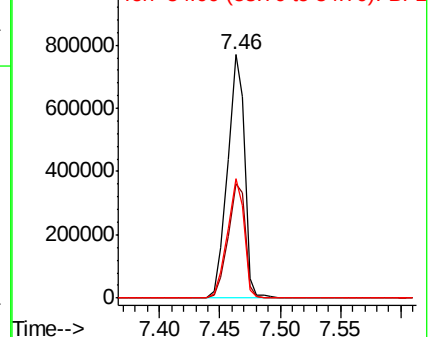
54 49.3 39.8 59.6

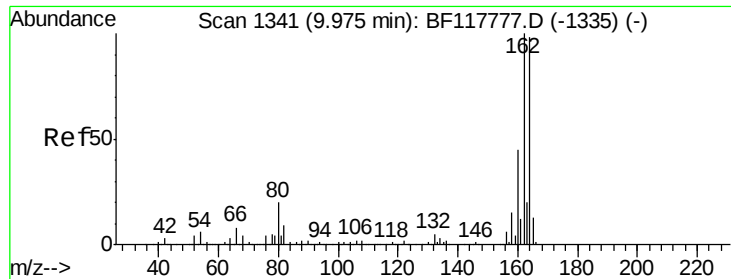


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

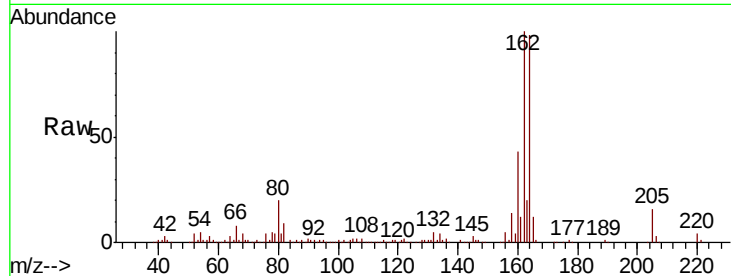




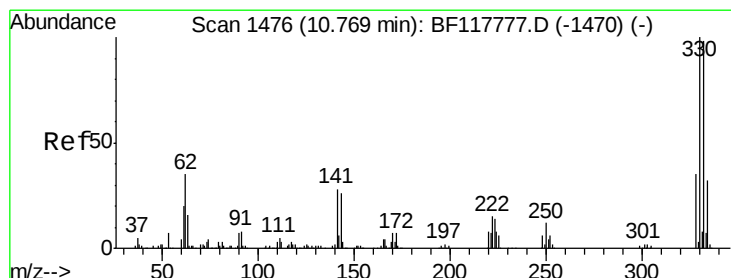
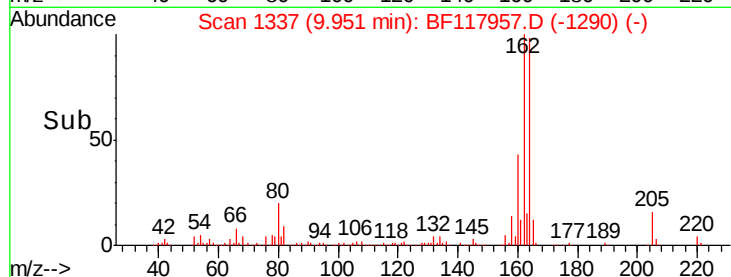
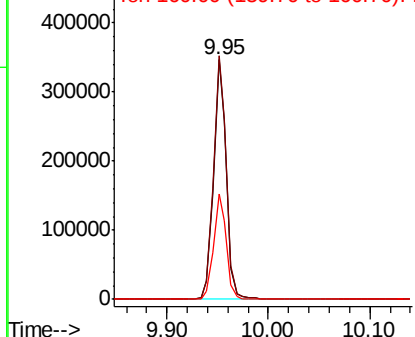
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF117957.D
 Acq: 23 Nov 2019 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

Tot Ion:164 Resp: 302088
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.3 121.9
 160 44.1 36.6 55.0

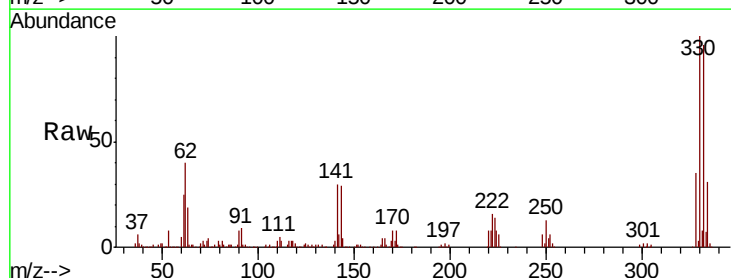


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

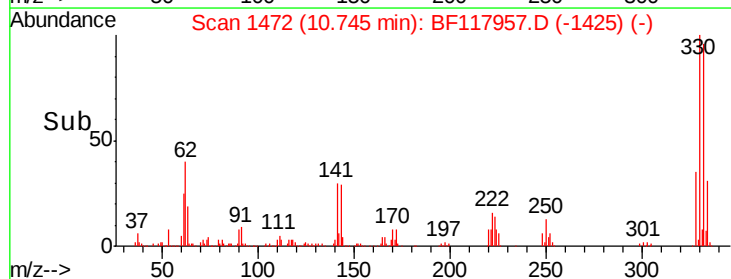
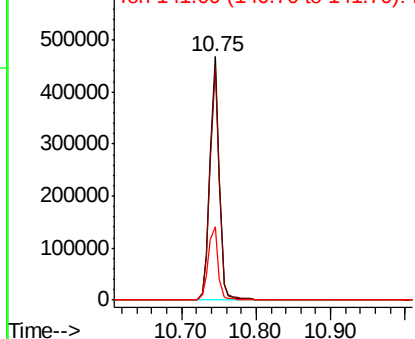


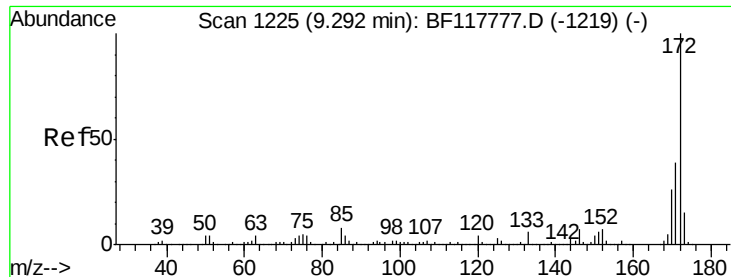
#42
 2,4,6-Tribromophenol
 Concen: 127.744 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF117957.D
 Acq: 23 Nov 2019 15:33

Tgt Ion:330 Resp: 408548
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.7 115.1
 141 32.4 27.7 41.5



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



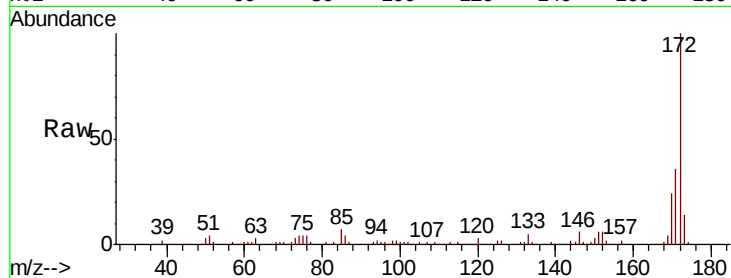


#45
2-Fluorobiphenyl
Concen: 79.045 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

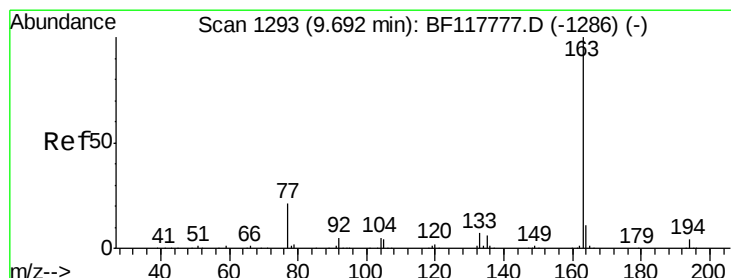
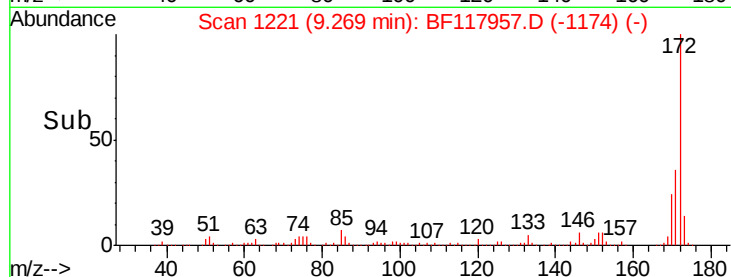
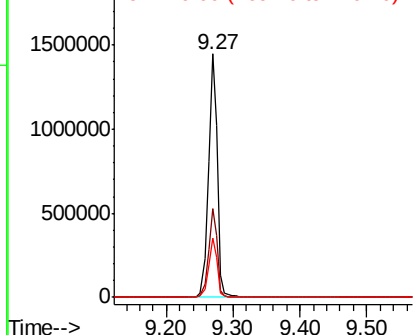
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Tot Ion:172 Resp: 1331002

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.9	46.3
170	24.2	21.0	31.4



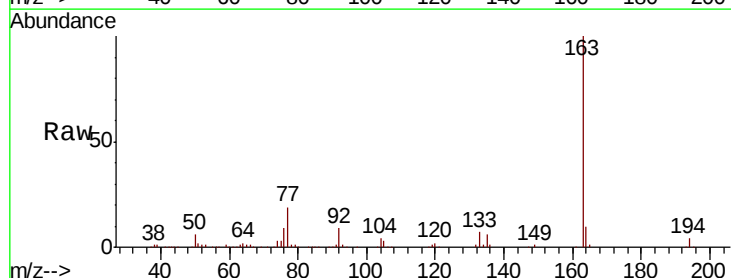
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



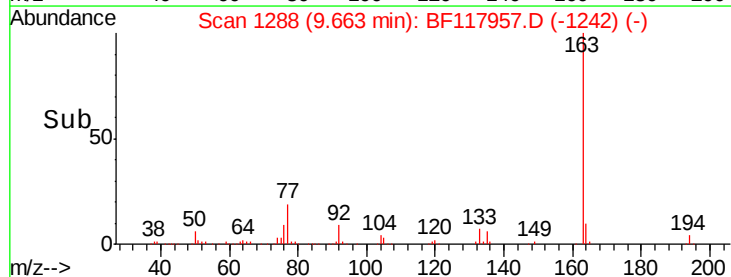
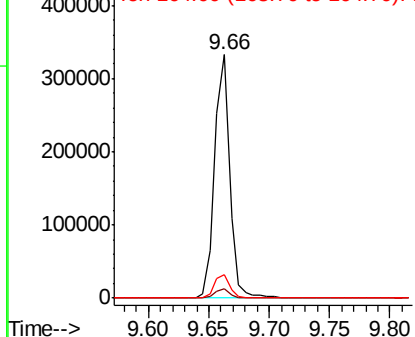
#50
Dimethylphthalate
Concen: 13.494 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

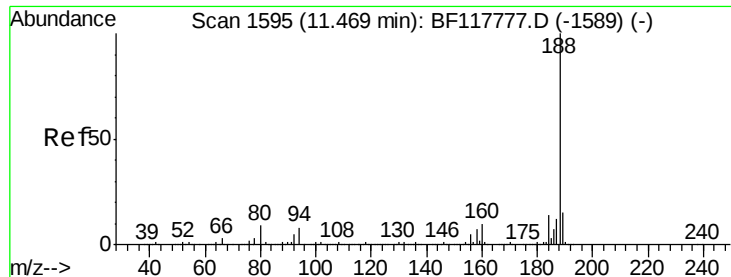
Tgt Ion:163 Resp: 285858

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.9	8.7	13.1



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

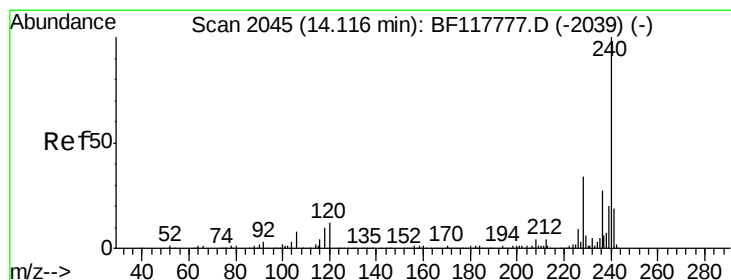
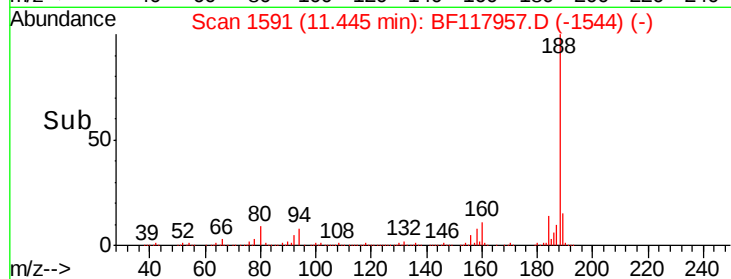
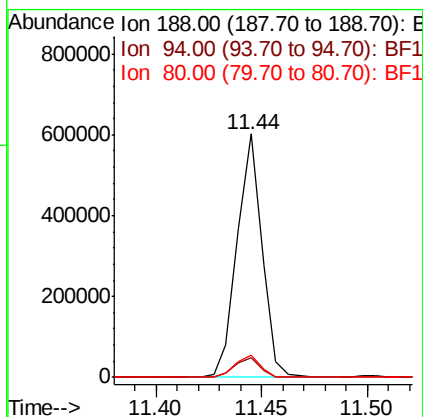
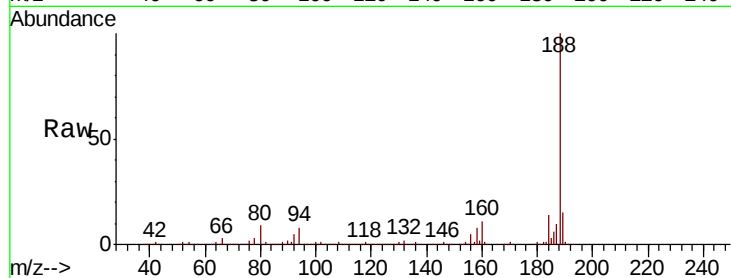




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

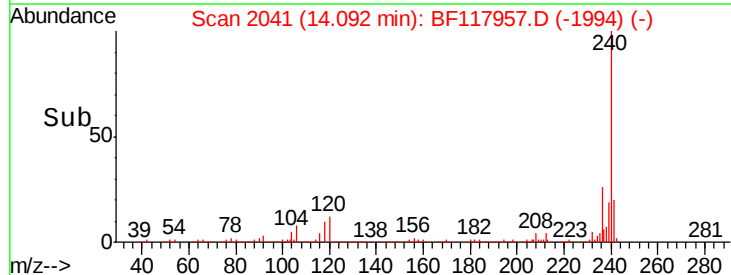
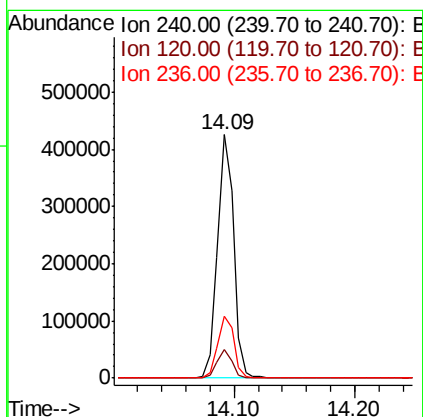
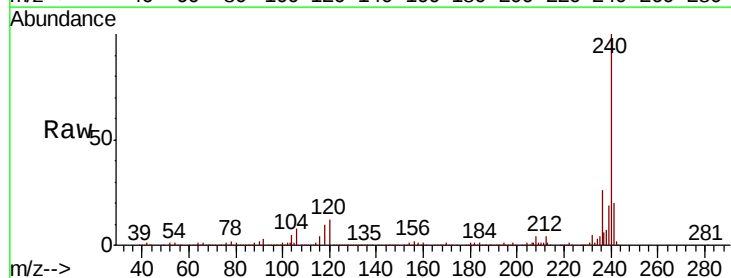
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

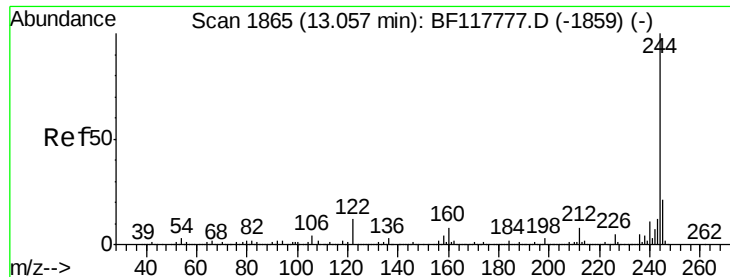
Tot Ion:188 Resp: 491203
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 8.9 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Tgt Ion:240 Resp: 388083
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 25.6 21.3 31.9





#79

Terphenyl-d14

Concen: 81.762 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117957.D

Acq: 23 Nov 2019 15:33

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

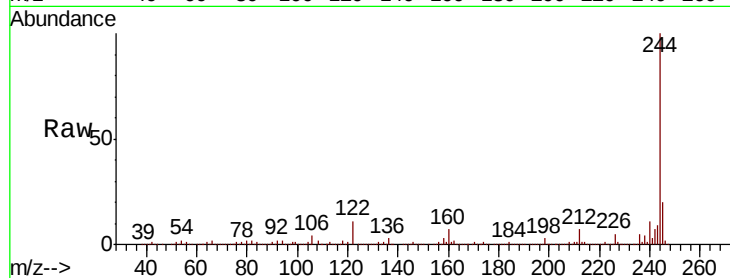
Tot Ion:244 Resp: 1736179

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

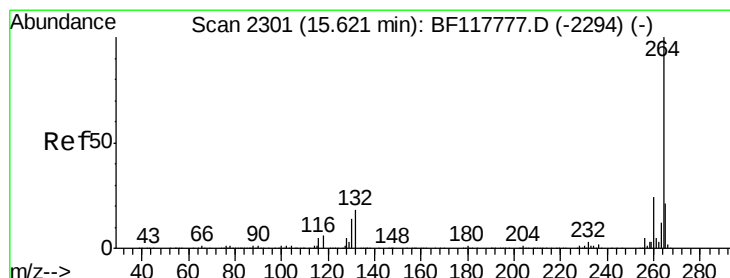
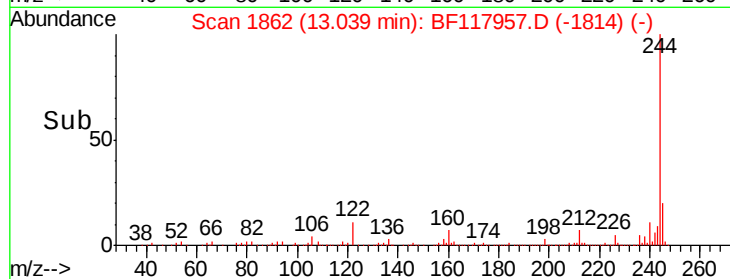
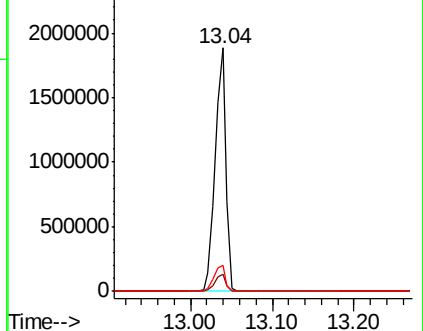
122 10.7 9.4 14.2



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: 15.59 min Scan# 2296

Delta R.T. -0.03 min

Lab File: BF117957.D

Acq: 23 Nov 2019 15:33

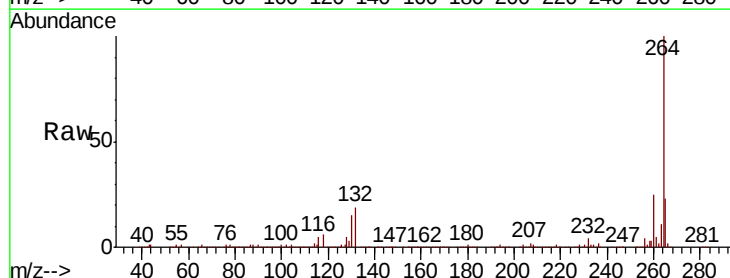
Tgt Ion:264 Resp: 487549

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

265 22.7 17.1 25.7



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

