

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
 Data File : BF117938.D
 Acq On : 23 Nov 2019 00:30
 Operator : JU
 Sample : K5839-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHIPPS-BH-SW-02

Quant Time: Nov 23 04:02:50 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

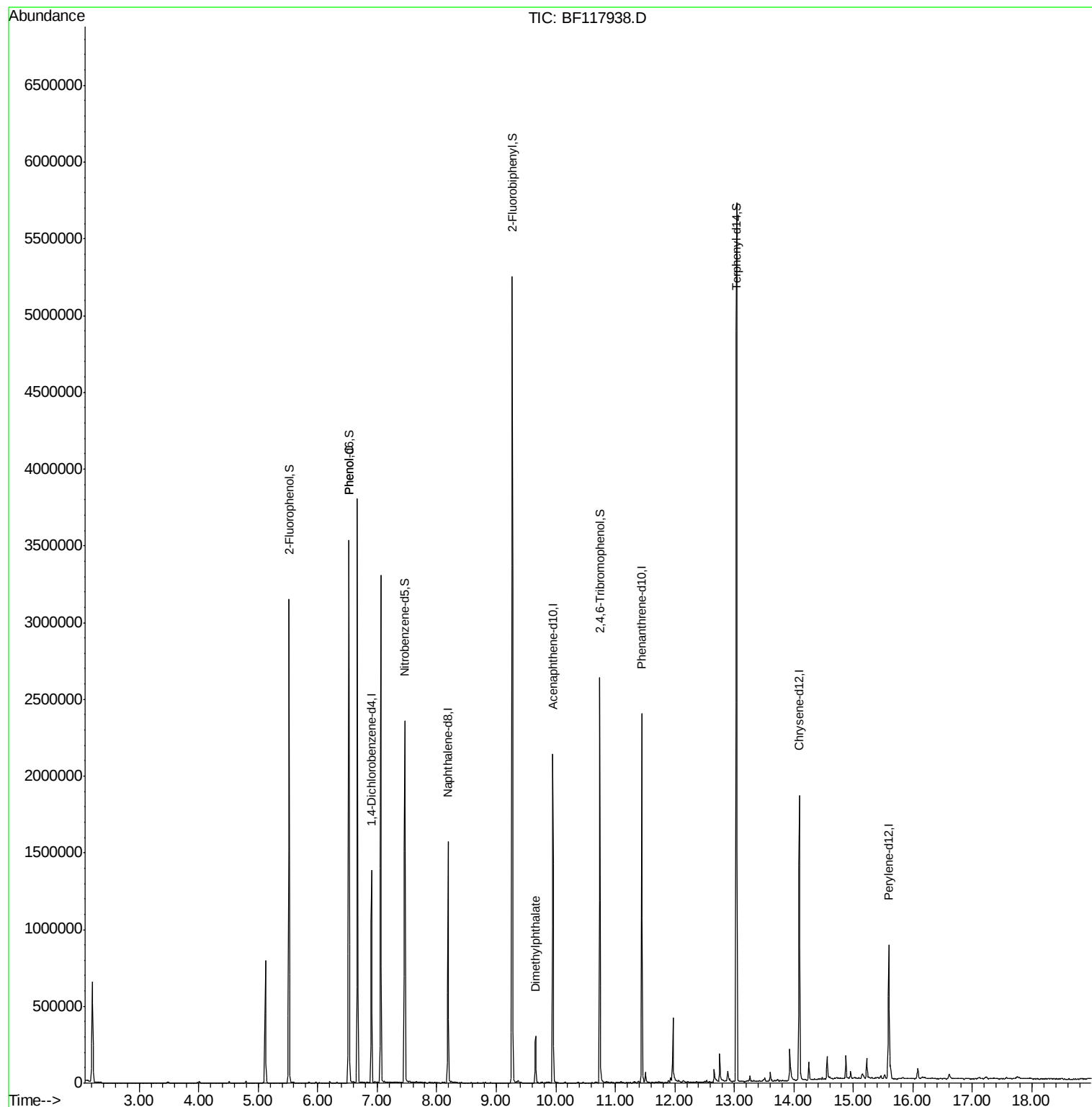
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	194649	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	784266	20.00	ng	-0.02
39) Acenaphthene-d10	9.95	164	421555	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	837611	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	569657	20.00	ng	-0.02
87) Perylene-d12	15.60	264	426882	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	926273	84.23	ng	-0.01
7) Phenol-d6	6.53	99	1346868	101.55	ng	-0.02
23) Nitrobenzene-d5	7.46	82	810407	61.43	ng	-0.03
42) 2,4,6-Tribromophenol	10.75	330	356268	79.83	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1690189	71.93	ng	-0.02
79) Terphenyl-d14	13.04	244	2030019	65.13	ng	-0.02
Target Compounds						
10) Phenol	6.53	94	36294	2.633	ng	Qvalue # 75
50) Dimethylphthalate	9.66	163	130546	4.416	ng	97

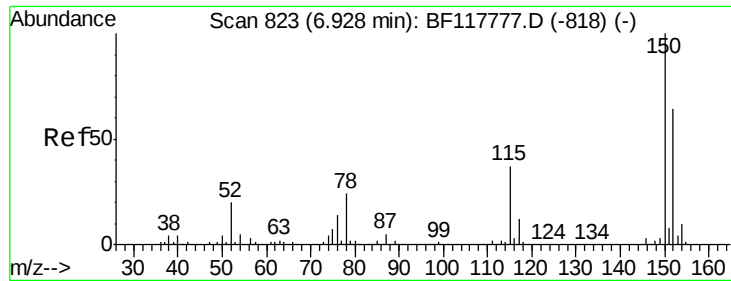
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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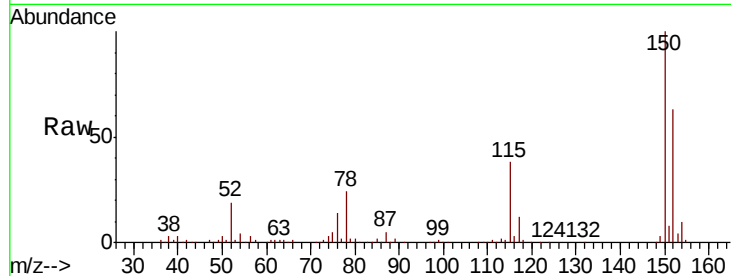


#1

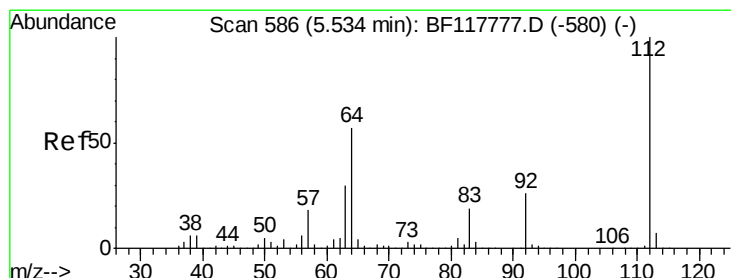
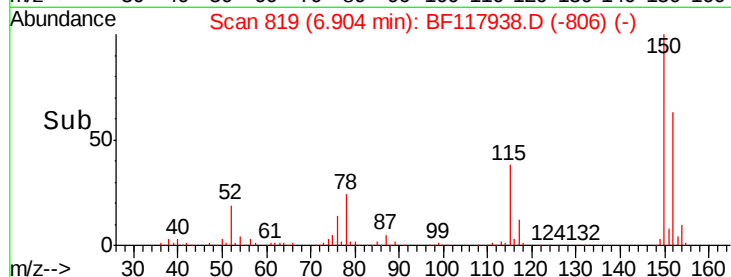
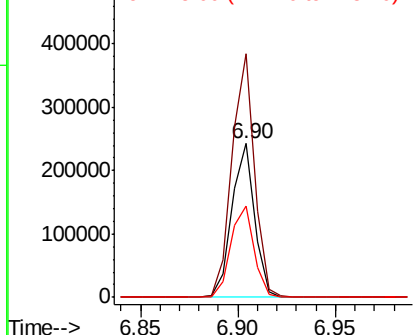
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117938.D
Acq: 23 Nov 2019 00:30

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-SW-02

Tot Ion:152 Resp: 194649
Ion Ratio Lower Upper
152 100
150 158.4 125.3 187.9
115 59.5 47.0 70.4



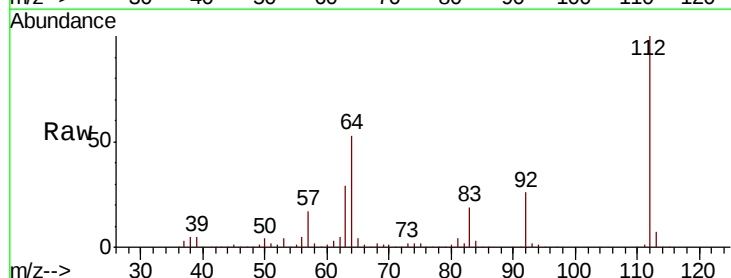
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



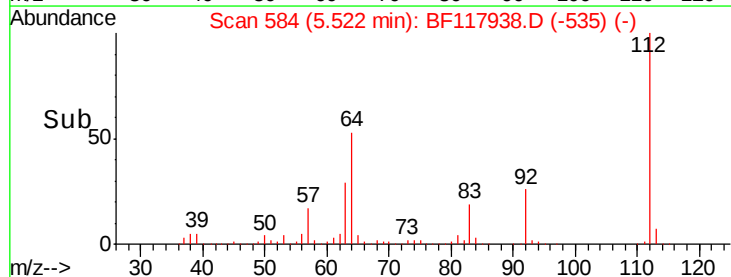
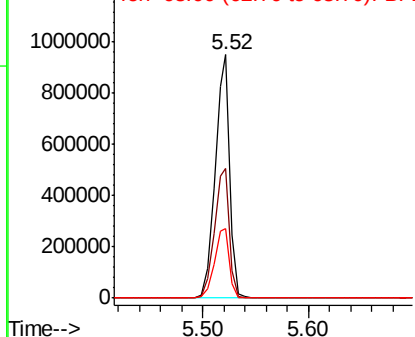
#5

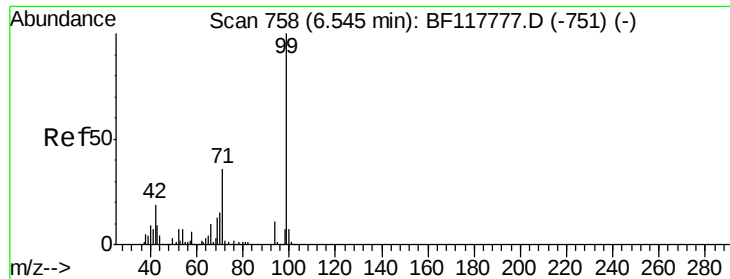
2-Fluorophenol
Concen: 84.234 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF117938.D
Acq: 23 Nov 2019 00:30

Tgt Ion:112 Resp: 926273
Ion Ratio Lower Upper
112 100
64 53.1 45.6 68.4
63 28.7 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: 101.547 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF117938.D

Acq: 23 Nov 2019 00:30

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-SW-02

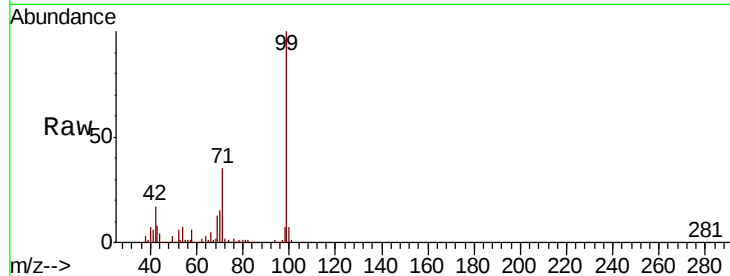
Tot Ion: 99 Resp: 1346868

Ion Ratio Lower Upper

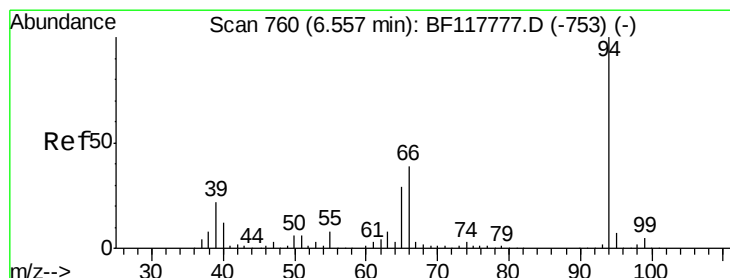
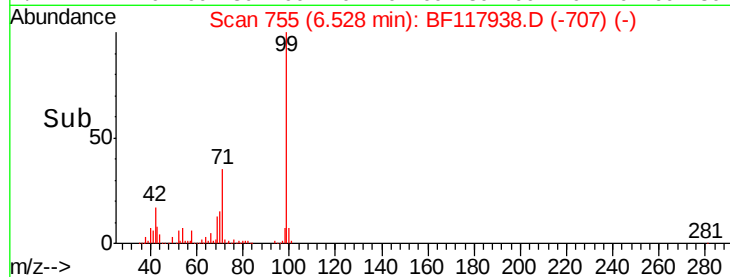
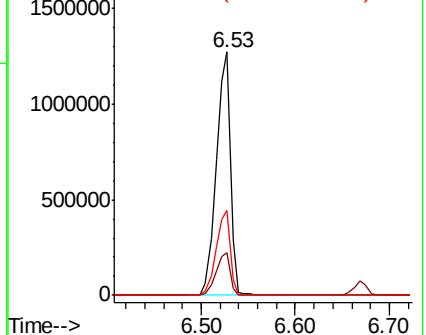
99 100

42 17.3 14.9 22.3

71 35.1 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: 2.633 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF117938.D

Acq: 23 Nov 2019 00:30

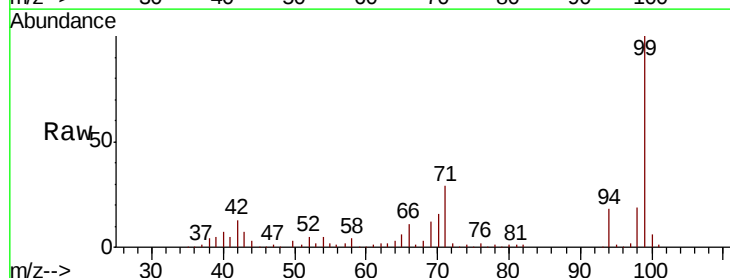
Tgt Ion: 94 Resp: 36294

Ion Ratio Lower Upper

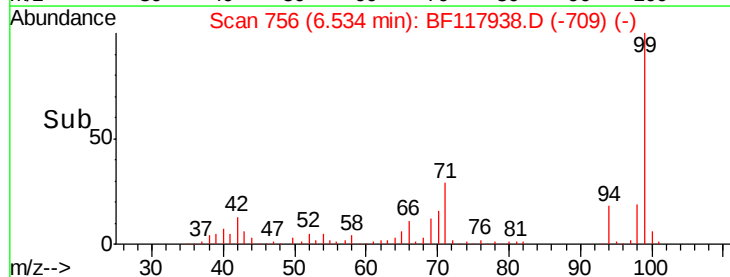
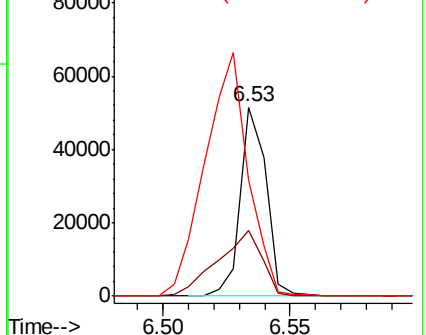
94 100

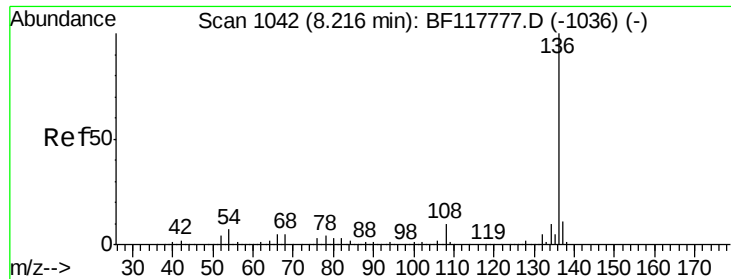
65 34.6 8.9 48.9

66 60.8 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: BF117938.D

Acq: 23 Nov 2019 00:30

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-SW-02

Tot Ion:136 Resp: 784266

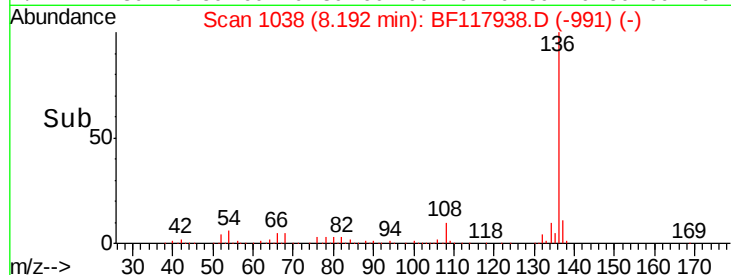
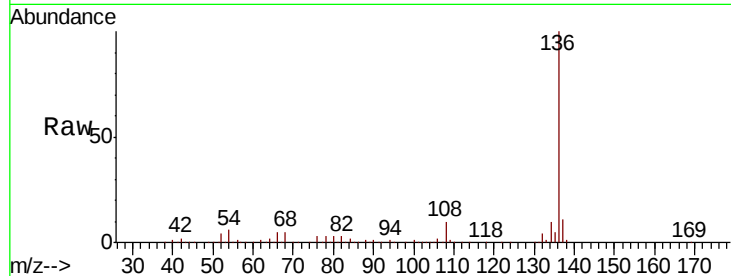
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.4 5.4 8.2

68 5.0 4.3 6.5

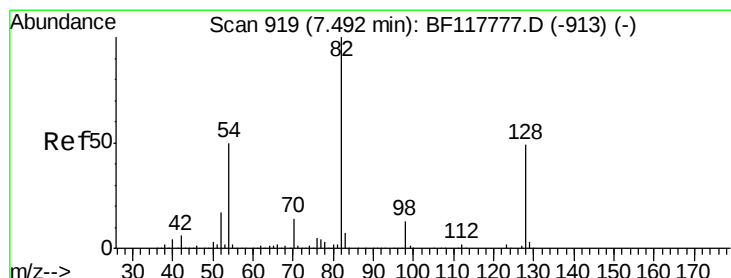
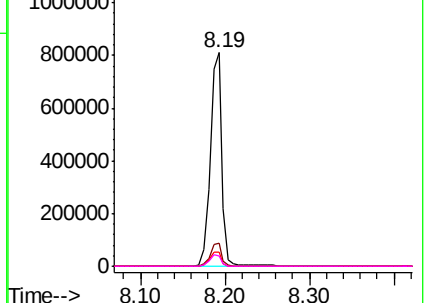


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.427 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF117938.D

Acq: 23 Nov 2019 00:30

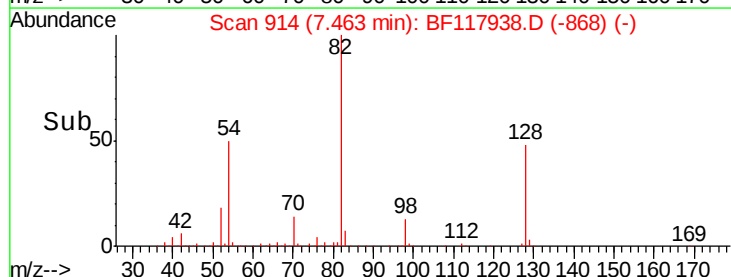
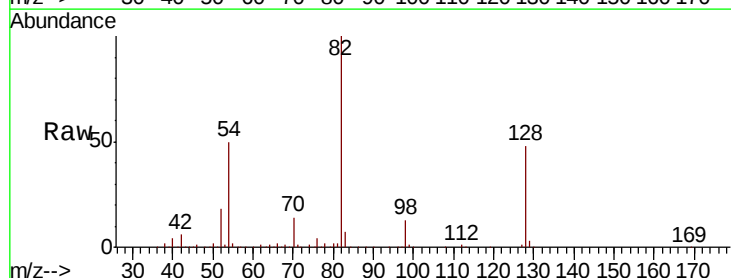
Tgt Ion: 82 Resp: 810407

Ion Ratio Lower Upper

82 100

128 47.8 38.9 58.3

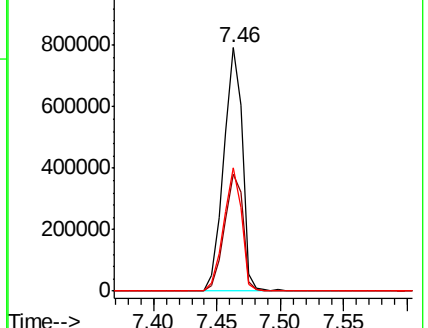
54 50.4 39.8 59.6

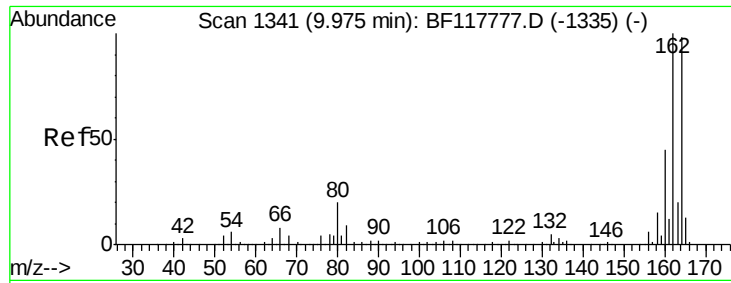


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

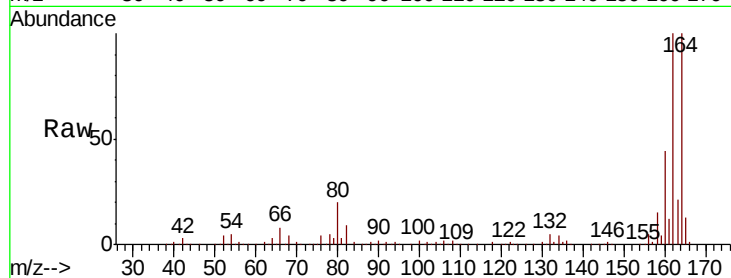




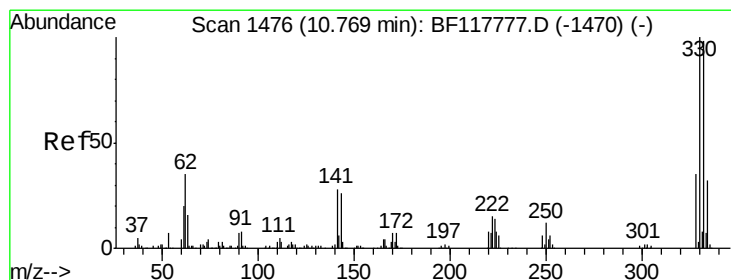
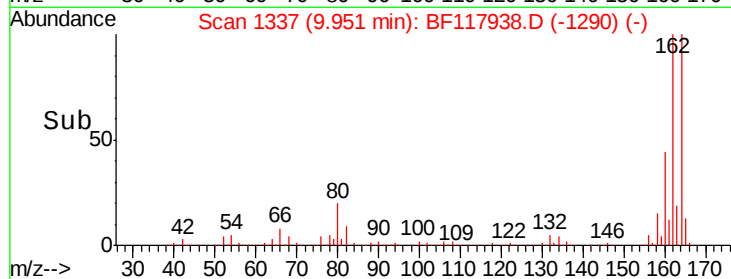
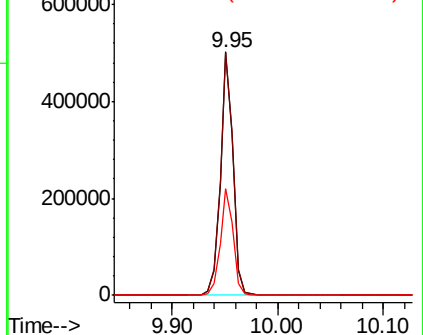
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117938.D
Acq: 23 Nov 2019 00:30

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-SW-02

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.3	121.9
160	43.7	36.6	55.0

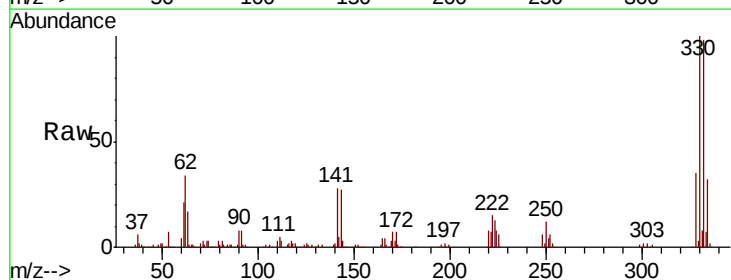


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

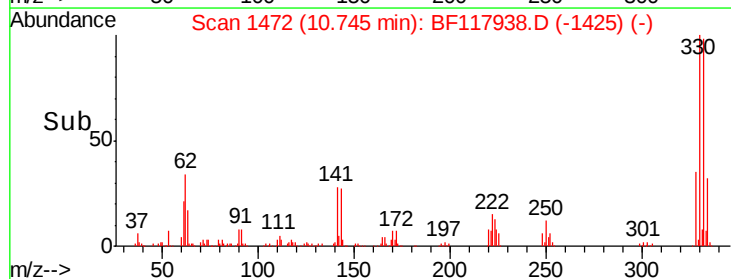
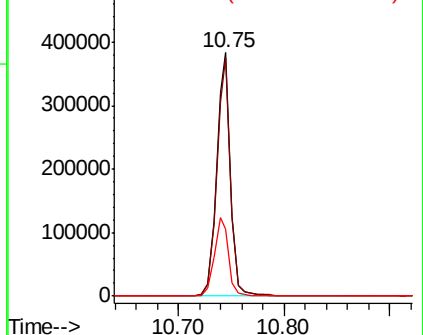


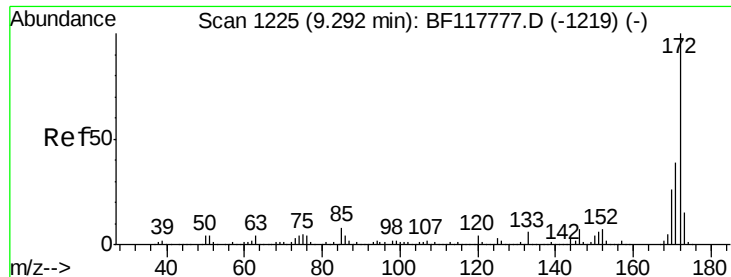
#42
2,4,6-Tribromophenol
Concen: 79.828 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF117938.D
Acq: 23 Nov 2019 00:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.7	115.1
141	33.4	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

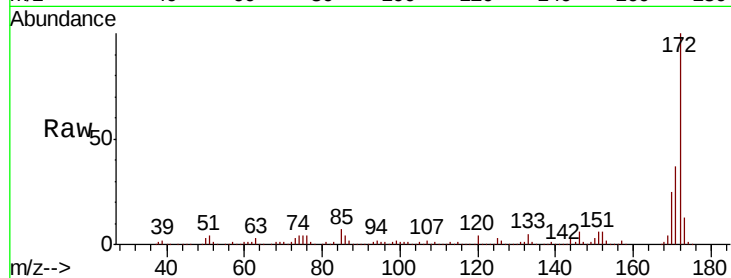




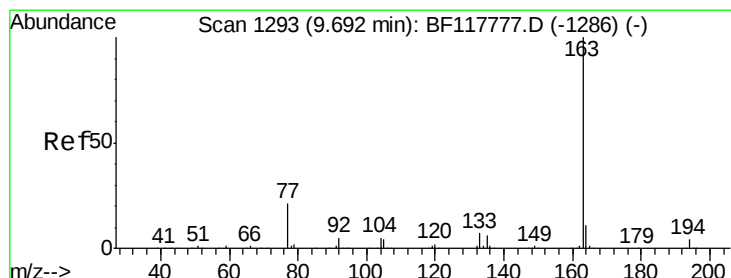
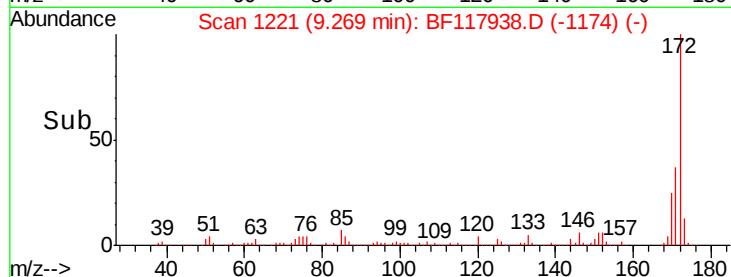
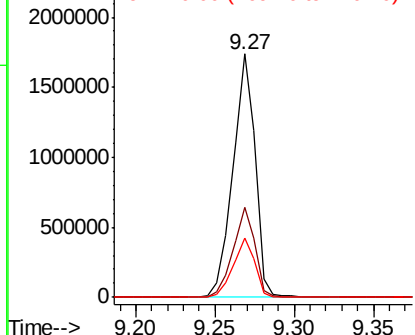
#45
2-Fluorobiphenyl
Concen: 71.930 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117938.D
Acq: 23 Nov 2019 00:30

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-SW-02

Tot Ion:172 Resp: 1690189
Ion Ratio Lower Upper
172 100
171 36.8 30.9 46.3
170 24.6 21.0 31.4

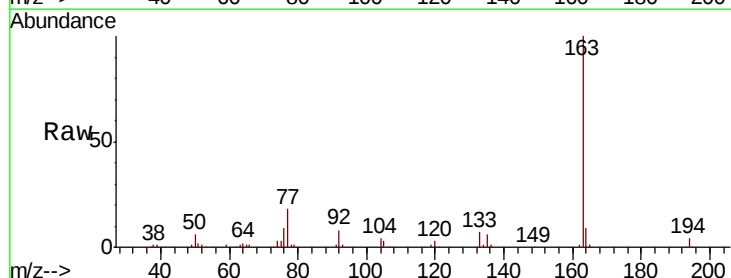


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

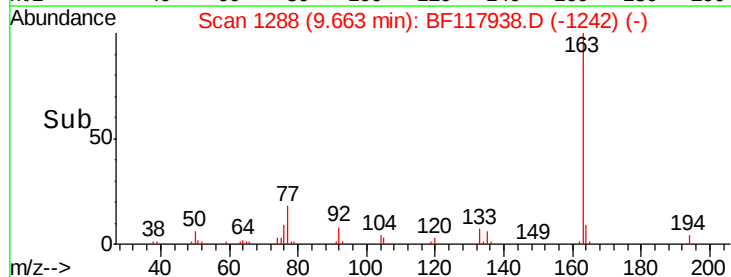
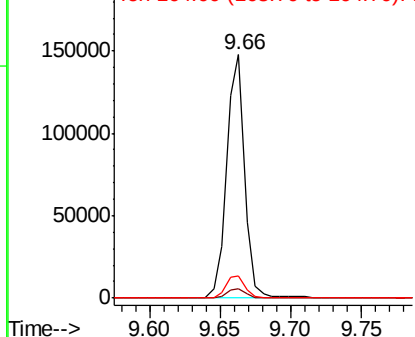


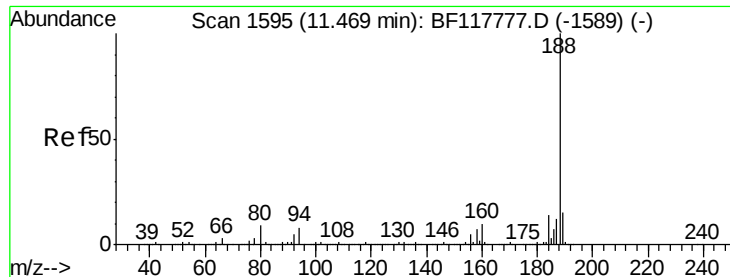
#50
Dimethylphthalate
Concen: 4.416 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117938.D
Acq: 23 Nov 2019 00:30

Tgt Ion:163 Resp: 130546
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.1 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

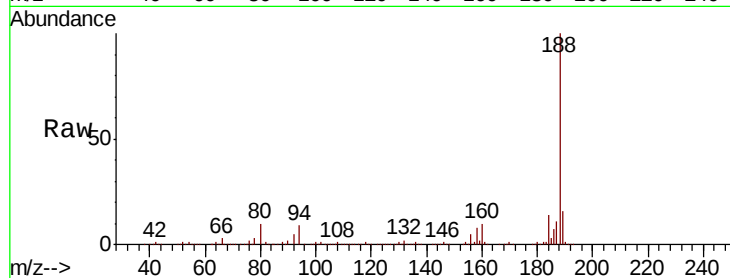




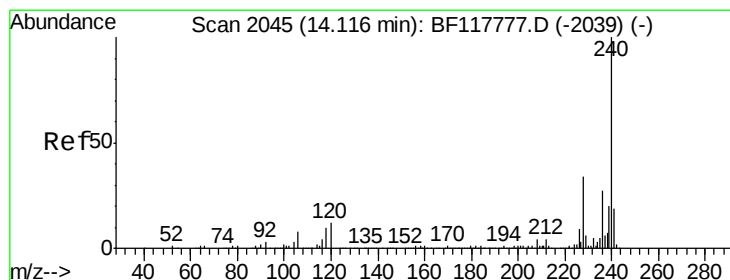
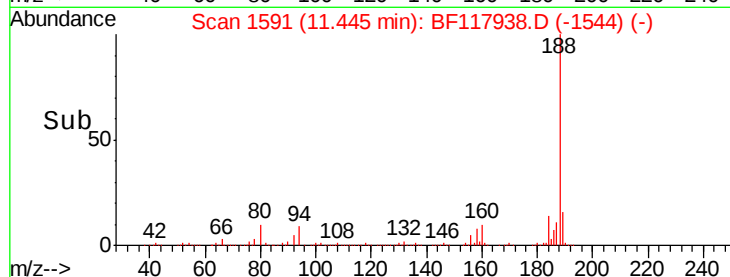
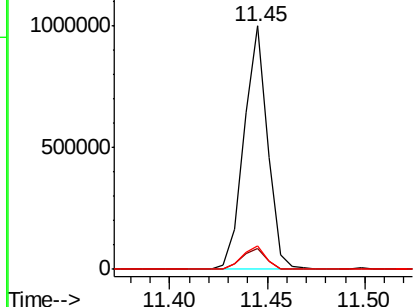
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117938.D
Acq: 23 Nov 2019 00:30

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-SW-02

Tot Ion:188 Resp: 837611
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.6 7.2 10.8

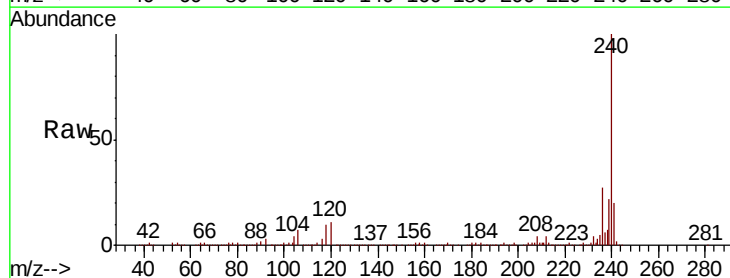


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

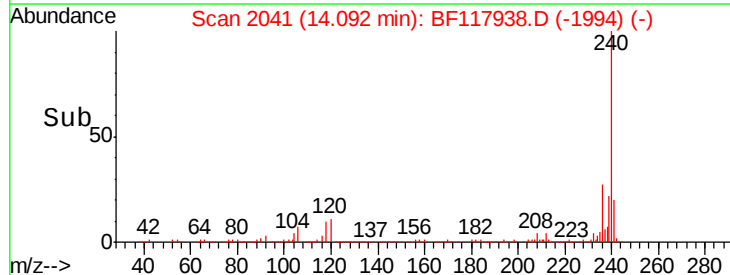
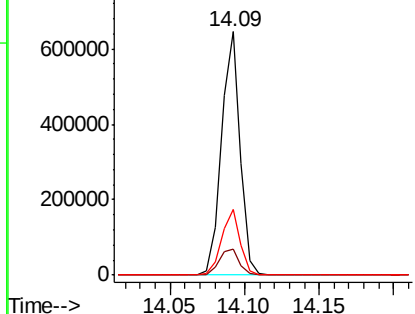


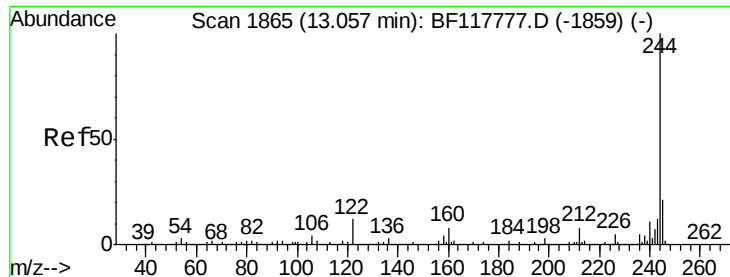
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF117938.D
Acq: 23 Nov 2019 00:30

Tgt Ion:240 Resp: 569657
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 27.0 21.3 31.9



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

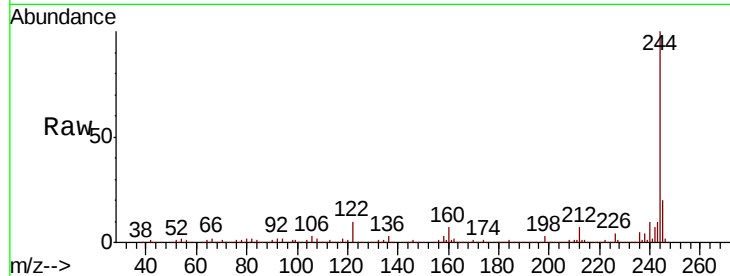




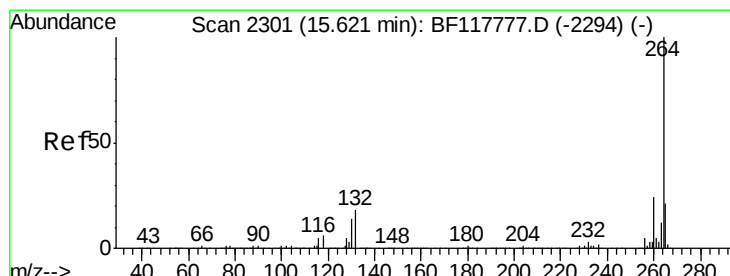
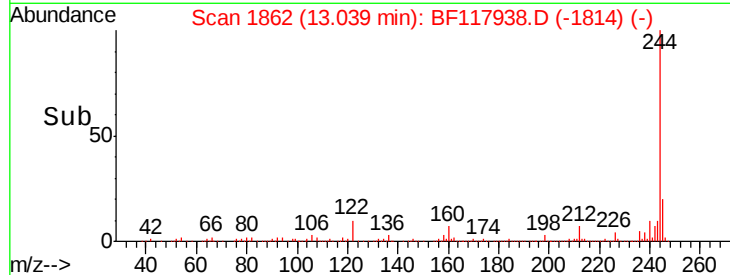
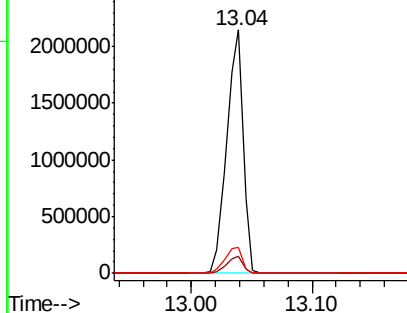
#79
 Terphenyl-d14
 Concen: 65.128 ng
 RT: 13.04 min Scan# 1862
 Delta R.T. -0.02 min
 Lab File: BF117938.D
 Acq: 23 Nov 2019 00:30

Instrument :
 BNA_F
 ClientSampleId :
 PHIPPS-BH-SW-02

Tot Ion:244 Resp: 2030019
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.3 9.5
 122 10.5 9.4 14.2

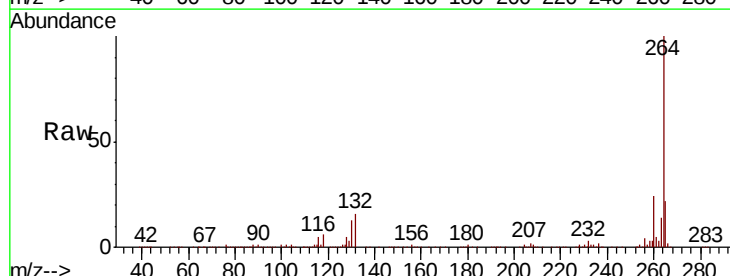


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.60 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BF117938.D
 Acq: 23 Nov 2019 00:30

Tgt Ion:264 Resp: 426882
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 21.6 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

