

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
 Data File : BF117986.D
 Acq On : 26 Nov 2019 00:46
 Operator : JU
 Sample : K5970-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-28-D

Quant Time: Nov 26 05:47:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

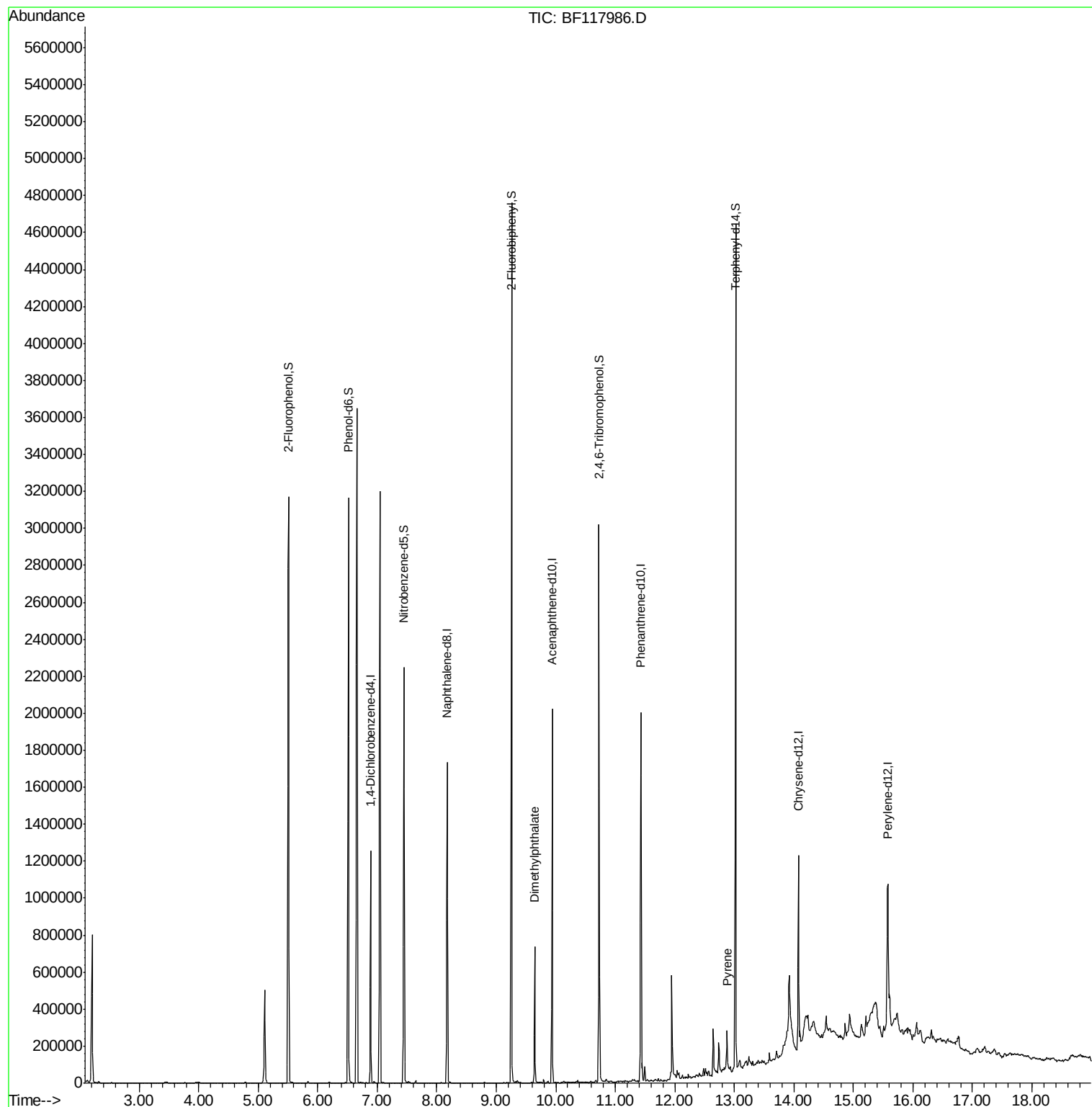
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	179720	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	730061	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	406280	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	747277	20.00	ng	0.00
76) Chrysene-d12	14.08	240	348472	20.00	ng	0.00
87) Perylene-d12	15.58	264	354922	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	948275	93.40	ng	0.01
7) Phenol-d6	6.52	99	1233601	100.73	ng	0.00
23) Nitrobenzene-d5	7.45	82	779330	63.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.73	330	418686	97.34	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1482152	65.45	ng	0.00
79) Terphenyl-d14	13.02	244	1507598	79.07	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.65	163	299521	10.513	ng	99
78) Pyrene	12.87	202	83339	2.959	ng	96

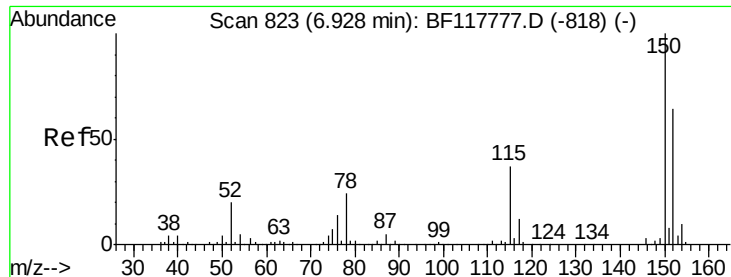
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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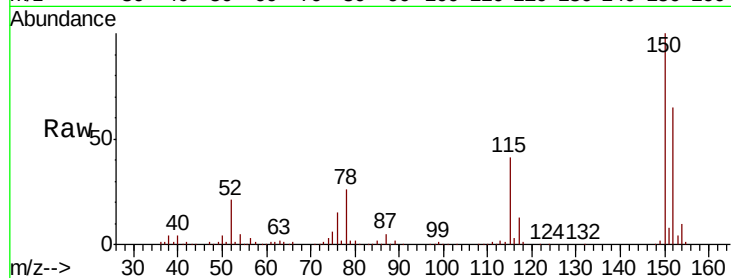


#1

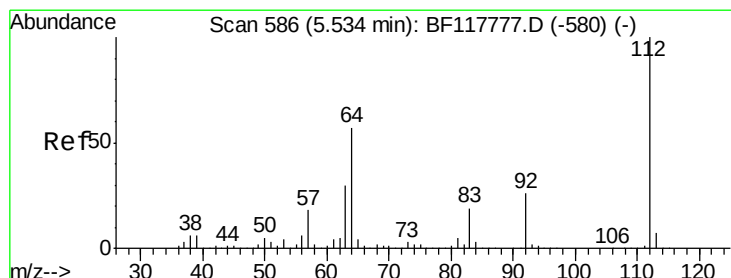
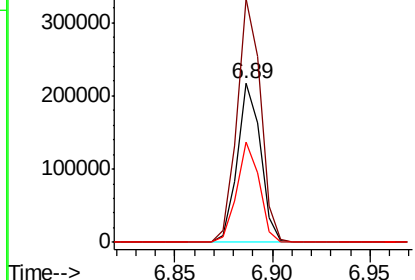
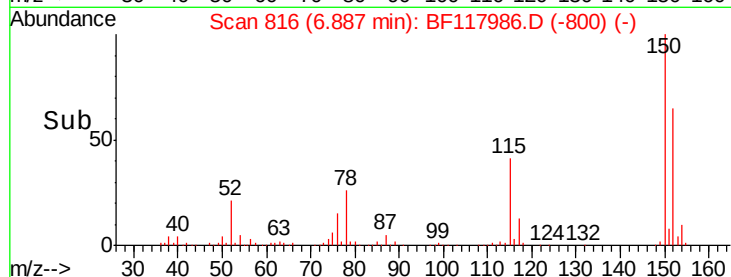
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF117986.D
 Acq: 26 Nov 2019 00:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-28-D

Tot Ion:152 Resp: 179720
 Ion Ratio Lower Upper
 152 100
 150 153.3 125.3 187.9
 115 62.9 47.0 70.4



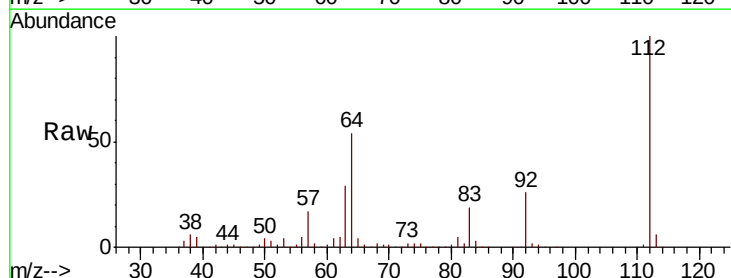
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



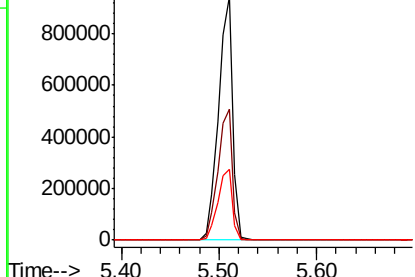
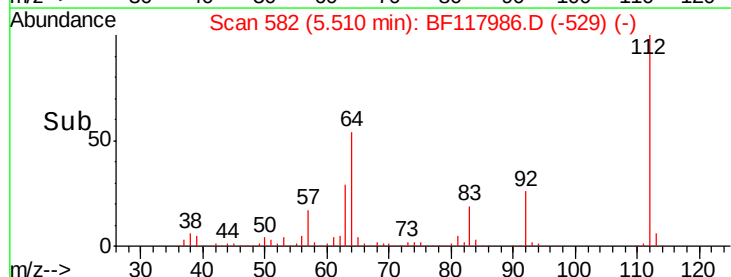
#5

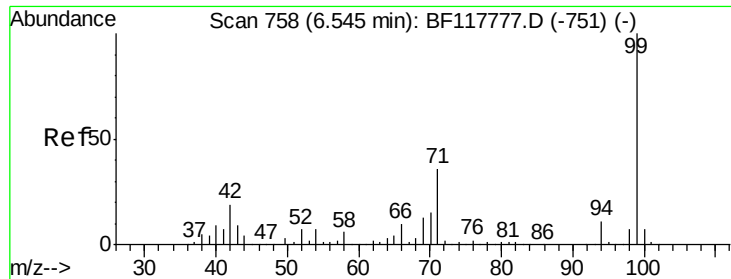
2-Fluorophenol
 Concen: 93.398 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF117986.D
 Acq: 26 Nov 2019 00:46

Tgt Ion:112 Resp: 948275
 Ion Ratio Lower Upper
 112 100
 64 54.0 45.6 68.4
 63 29.1 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: 100.733 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF117986.D

Acq: 26 Nov 2019 00:46

Instrument :

BNA_F

ClientSampled :

TP-28-D

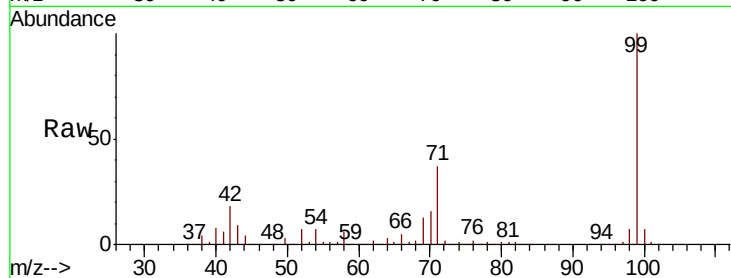
Tot Ion: 99 Resp: 1233601

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.9	22.3
71	37.3	28.6	43.0

99 100

42 18.3 14.9 22.3

71 37.3 28.6 43.0

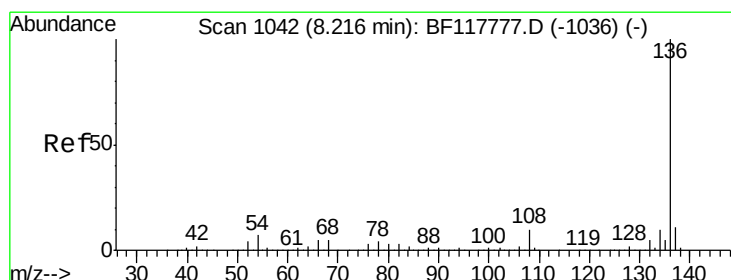
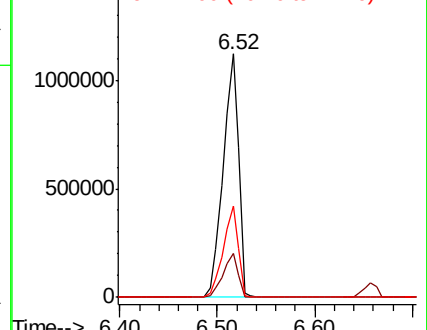
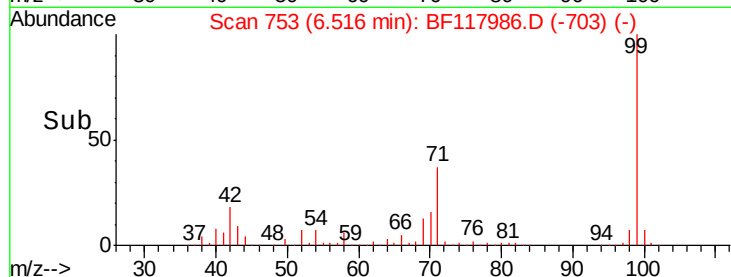


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF117986.D

Acq: 26 Nov 2019 00:46

Tgt Ion: 136 Resp: 730061

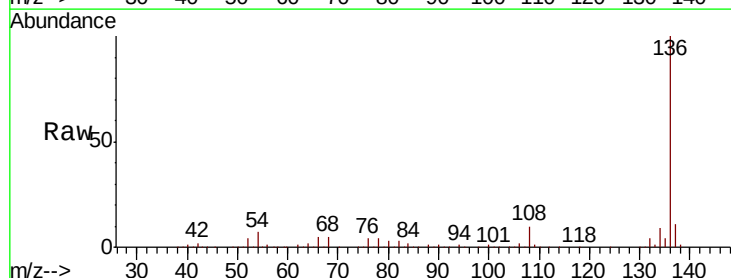
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.9	5.4	8.2
68	5.2	4.3	6.5

136 100

137 11.3 9.0 13.4

54 6.9 5.4 8.2

68 5.2 4.3 6.5



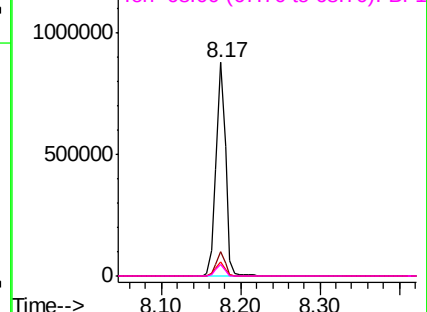
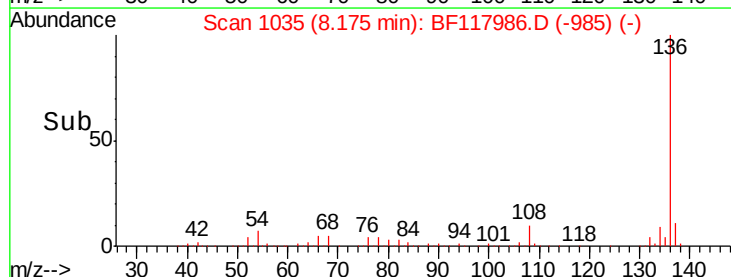
Abundance

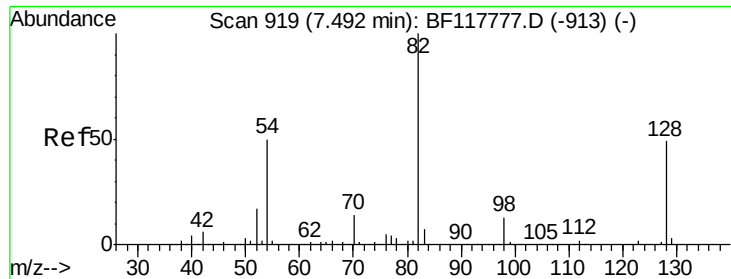
Ion 136.00 (135.70 to 136.70): E

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

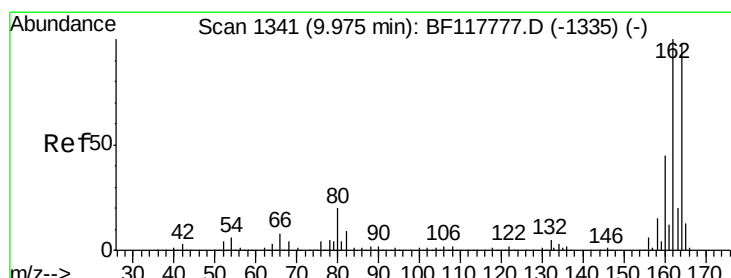
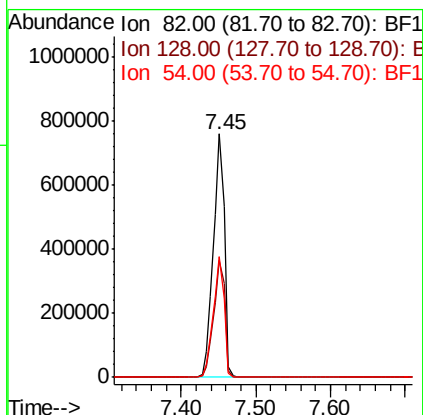
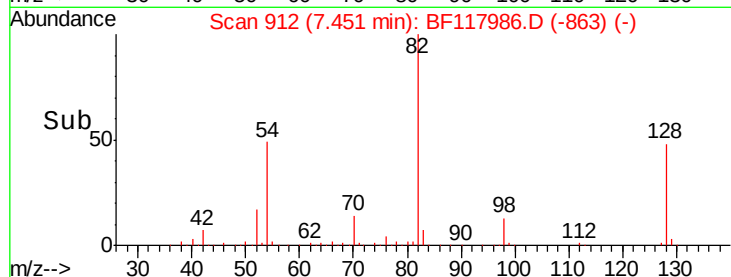
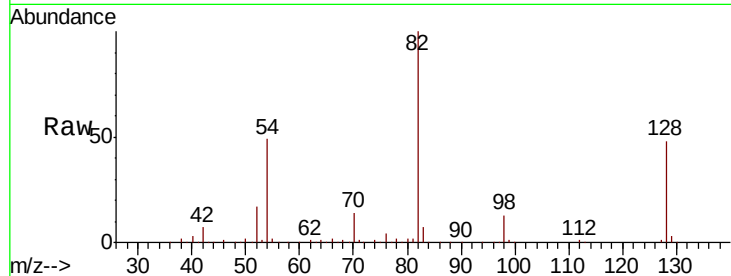




#23
 Nitrobenzene-d5
 Concen: 63.458 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF117986.D
 Acq: 26 Nov 2019 00:46

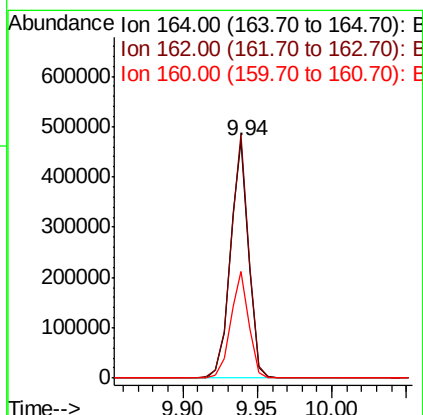
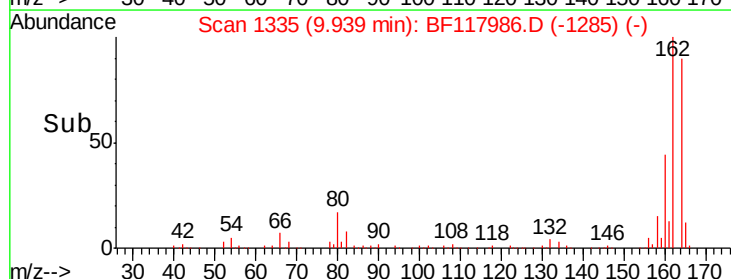
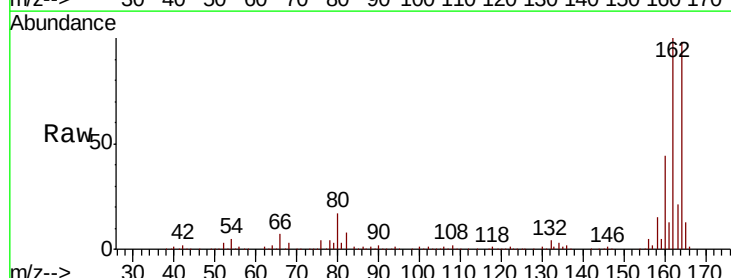
Instrument :
 BNA_F
 ClientSampleId :
 TP-28-D

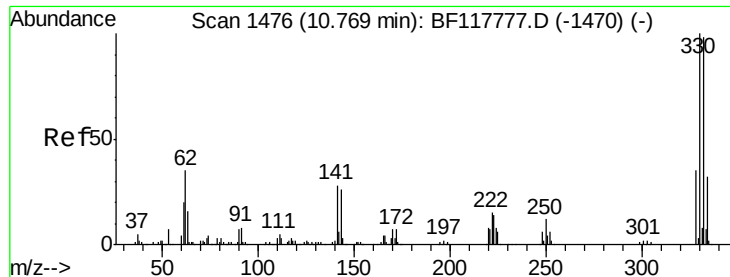
Tot Ion: 82 Resp: 779330
 Ion Ratio Lower Upper
 82 100
 128 47.8 38.9 58.3
 54 49.4 39.8 59.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF117986.D
 Acq: 26 Nov 2019 00:46

Tgt Ion:164 Resp: 406280
 Ion Ratio Lower Upper
 164 100
 162 102.5 81.3 121.9
 160 44.9 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 97.341 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BF117986.D

Acq: 26 Nov 2019 00:46

Instrument :

BNA_F

ClientSampleID :

TP-28-D

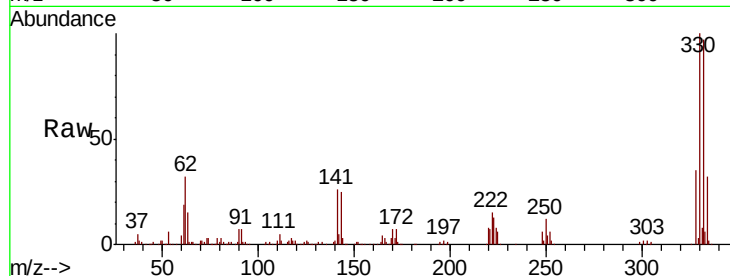
Tot Ion:330 Resp: 418686

Ion Ratio Lower Upper

330 100

332 96.8 76.7 115.1

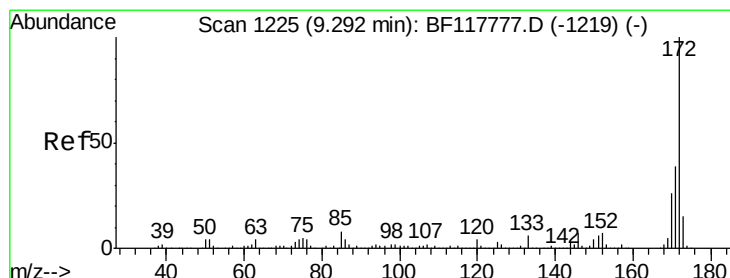
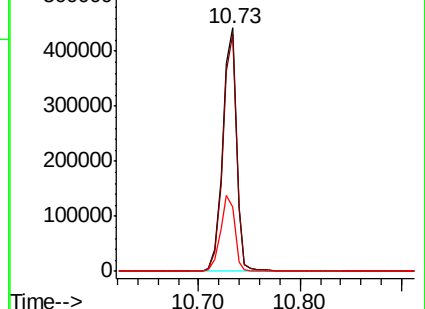
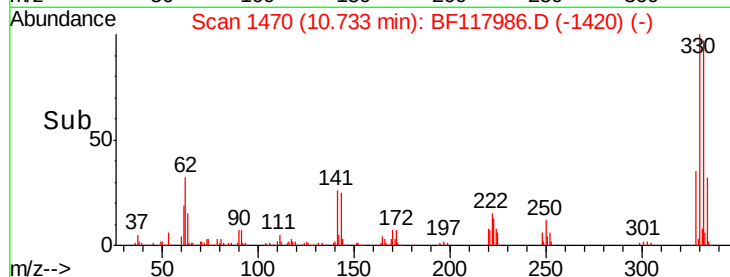
141 32.5 27.7 41.5



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: 65.448 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF117986.D

Acq: 26 Nov 2019 00:46

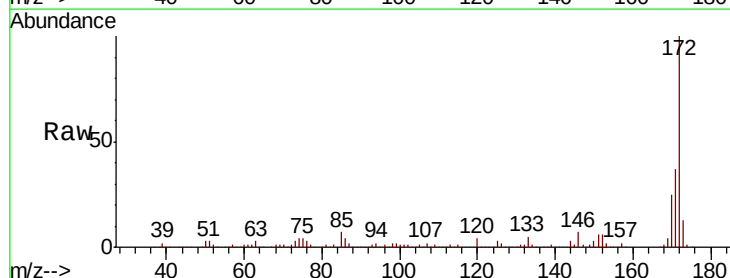
Tgt Ion:172 Resp: 1482152

Ion Ratio Lower Upper

172 100

171 36.5 30.9 46.3

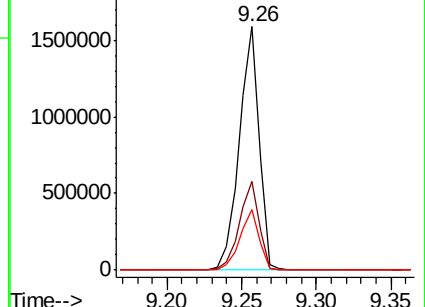
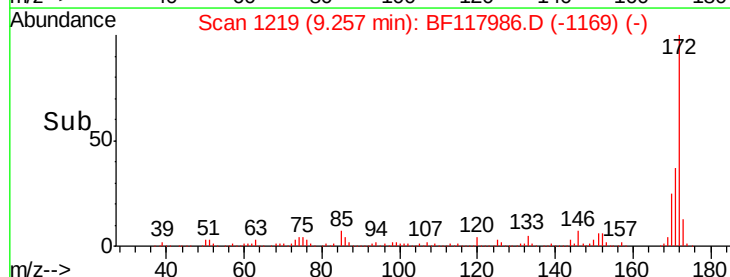
170 24.8 21.0 31.4

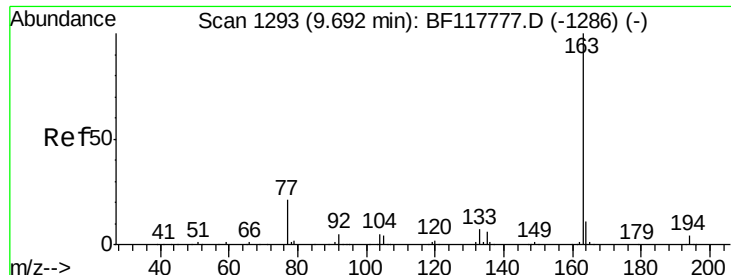


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

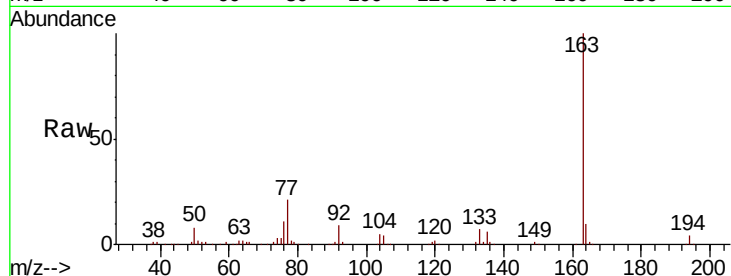




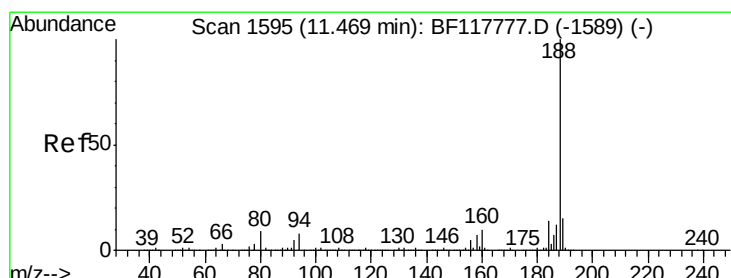
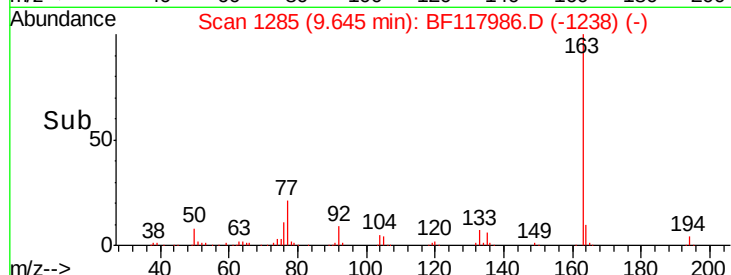
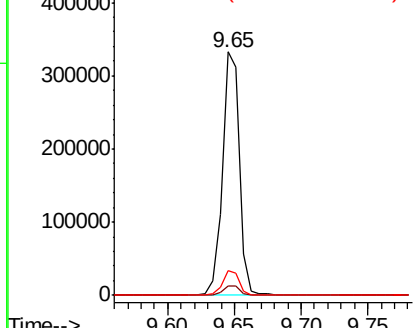
#50
Dimethylphthalate
Concen: 10.513 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF117986.D
Acq: 26 Nov 2019 00:46

Instrument :
BNA_F
ClientSampleId :
TP-28-D

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.4	8.7	13.1

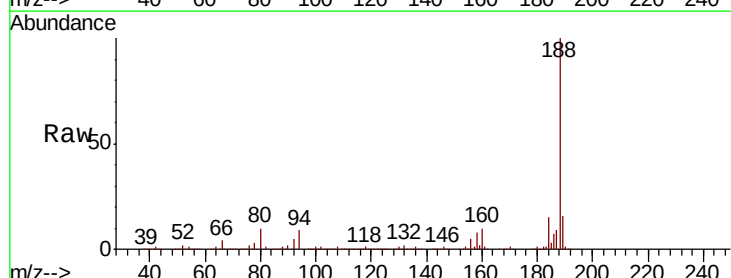


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

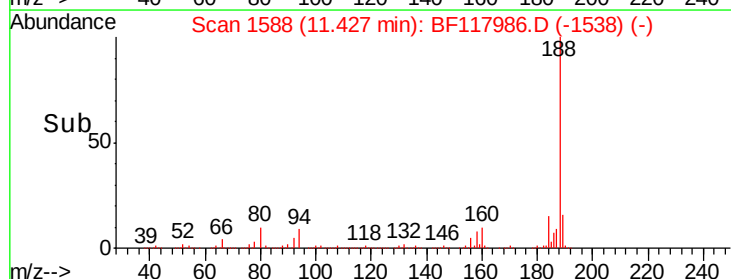
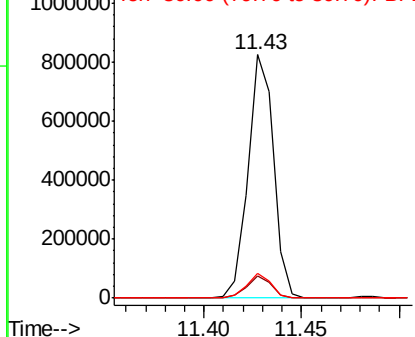


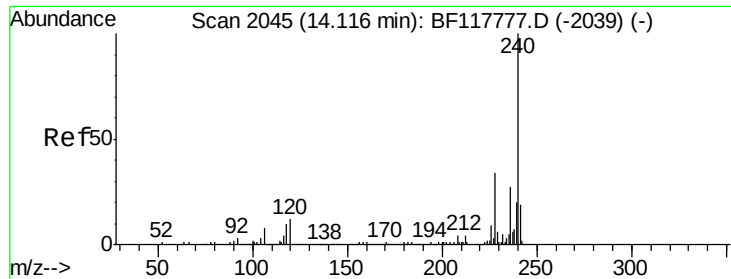
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF117986.D
Acq: 26 Nov 2019 00:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.6	10.0
80	10.0	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: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF117986.D

Acq: 26 Nov 2019 00:46

Instrument :

BNA_F

ClientSampled :

TP-28-D

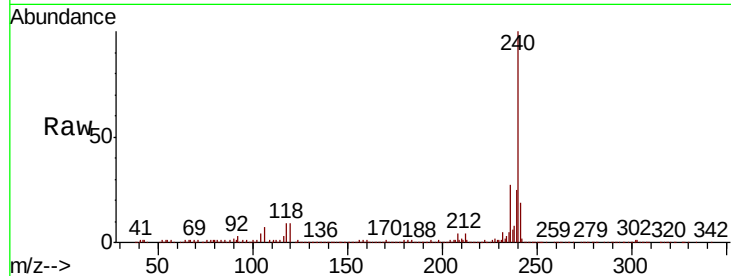
Tot Ion:240 Resp: 348472

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

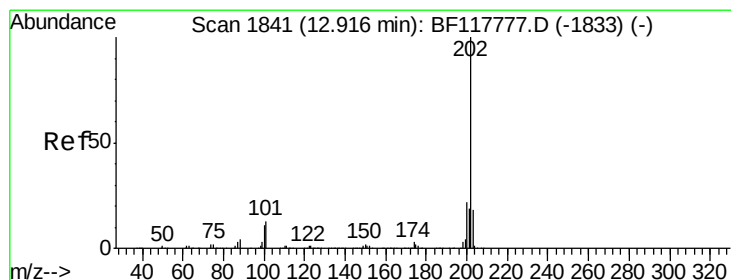
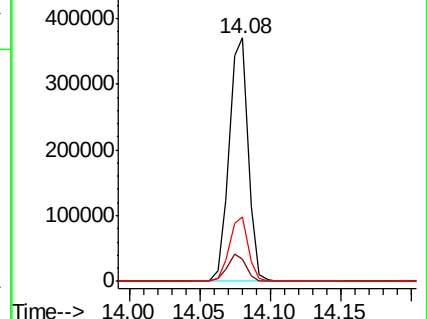
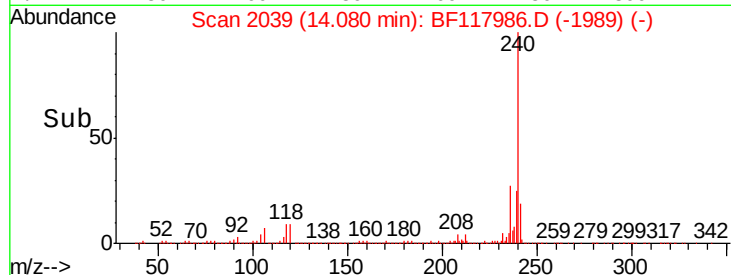
236 26.6 21.3 31.9



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



#78

Pyrene

Concen: 2.959 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF117986.D

Acq: 26 Nov 2019 00:46

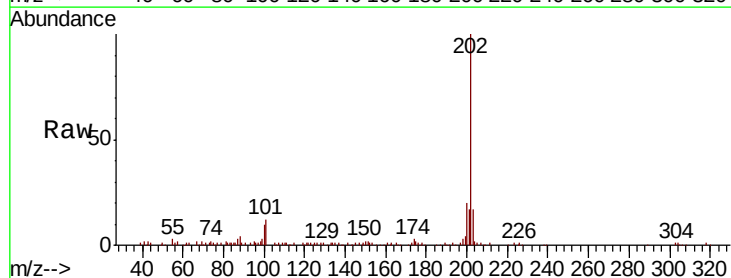
Tgt Ion:202 Resp: 83339

Ion Ratio Lower Upper

202 100

200 20.4 17.8 26.8

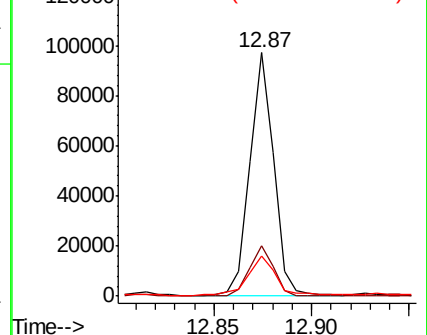
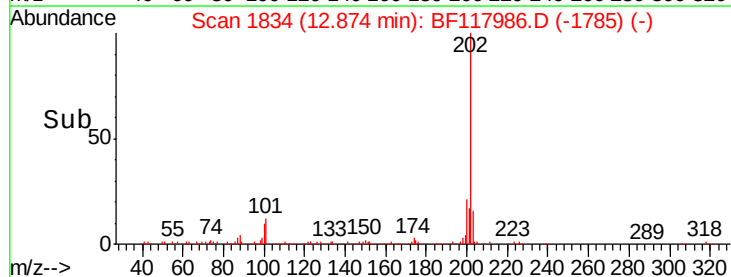
203 16.6 14.6 22.0

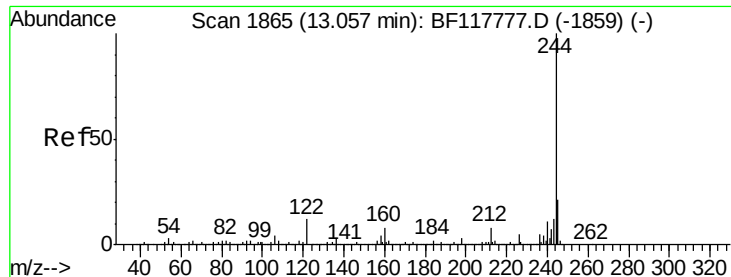


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.068 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF117986.D

Acq: 26 Nov 2019 00:46

Instrument :

BNA_F

ClientSampleId :

TP-28-D

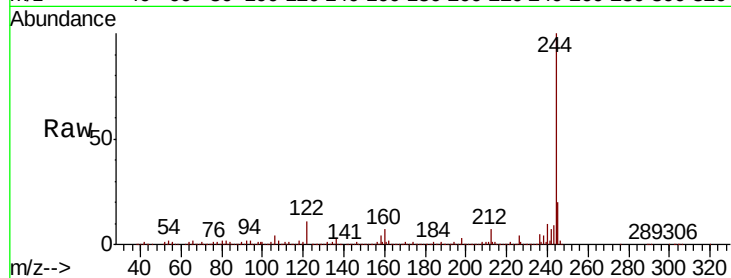
Tot Ion:244 Resp: 1507598

Ion Ratio Lower Upper

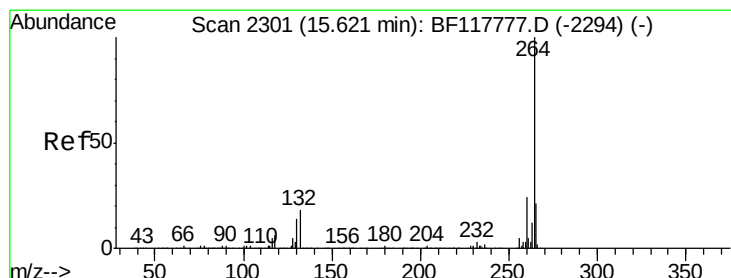
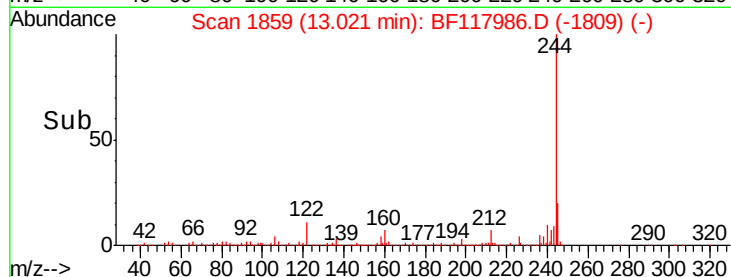
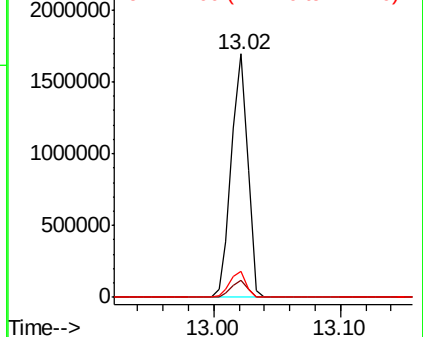
244 100

212 7.0 6.3 9.5

122 10.9 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: 15.58 min Scan# 2294

Delta R.T. 0.00 min

Lab File: BF117986.D

Acq: 26 Nov 2019 00:46

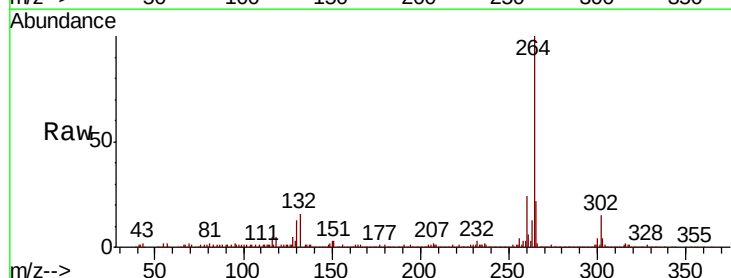
Tgt Ion:264 Resp: 354922

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 22.0 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

