

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF112007.D
 Acq On : 11 Jan 2019 00:16
 Operator : JU/SJ
 Sample : K1094-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CROSSWICKS-DRUM-1

Quant Time: Jan 11 03:10:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

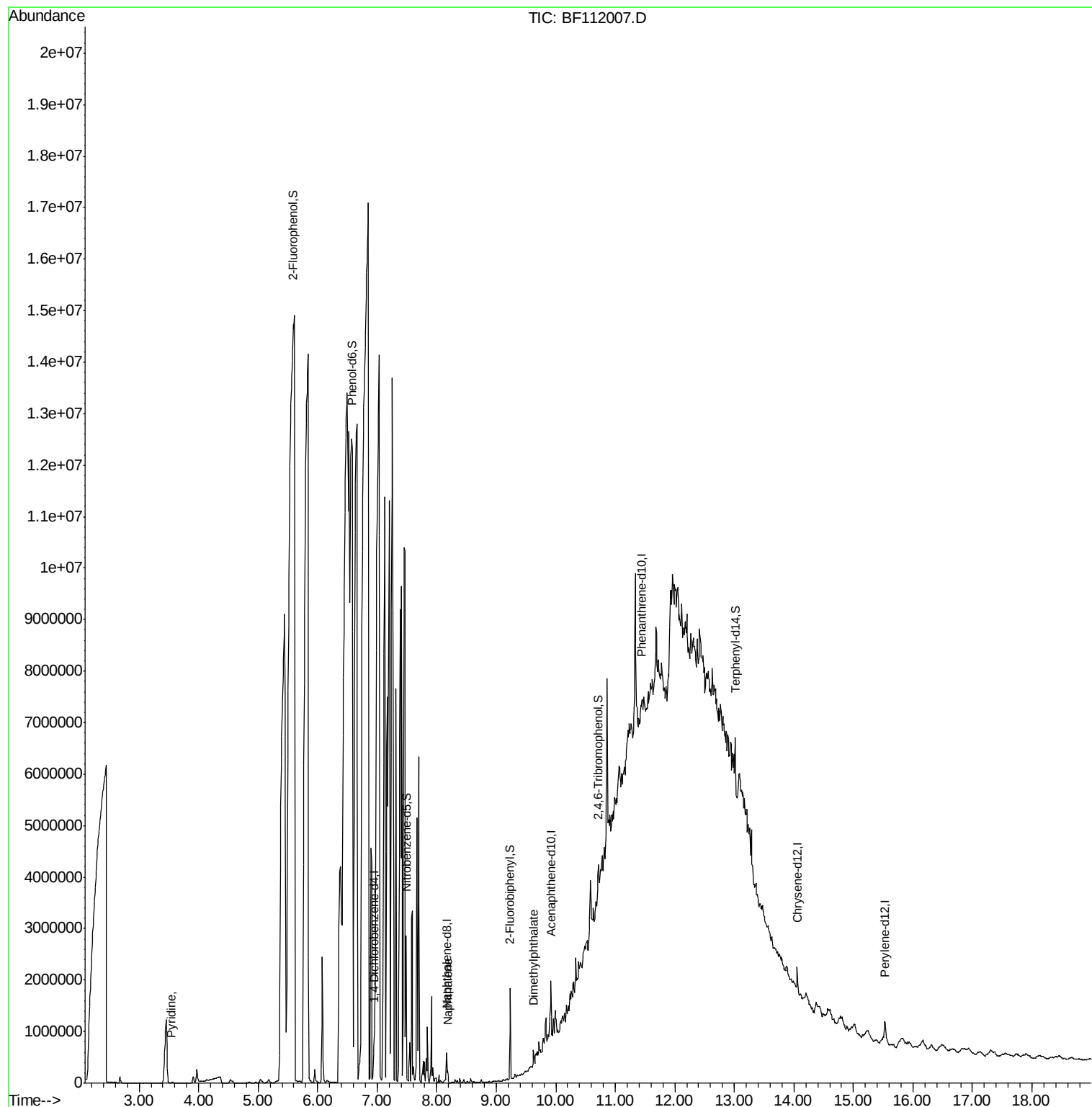
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	76085	20.00	ng	0.05
21) Naphthalene-d8	8.17	136	263678	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	161545	20.00	ng	-0.02
64) Phenanthrene-d10	11.43	188	175274	20.00	ng	0.01
76) Chrysene-d12	14.06	240	177030	20.00	ng	0.00
87) Perylene-d12	15.53	264	133915	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	111855	25.15	ng	0.07
7) Phenol-d6	6.59	99	282719	49.32	ng	0.05
23) Nitrobenzene-d5	7.48	82	246698	50.00	ng	0.02
42) 2,4,6-Tribromophenol	10.72	330	107713	51.26	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	467063	42.16	ng	-0.02
79) Terphenyl-d14	13.02	244	467810	50.16	ng	0.02
Target Compounds						
3) Pyridine	3.55	79	11219	2.226	ng	Qvalue 94
31) Naphthalene	8.19	128	68718	5.490	ng	100
50) Dimethylphthalate	9.62	163	103274	8.510	ng	# 98

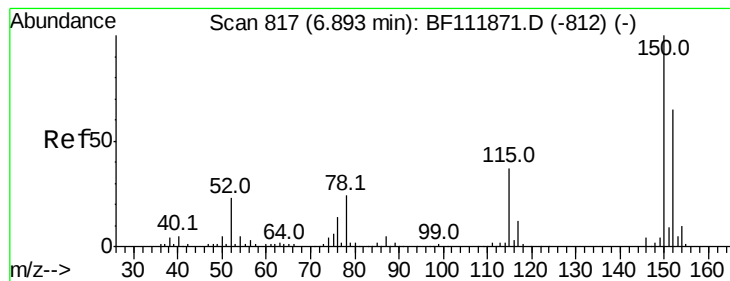
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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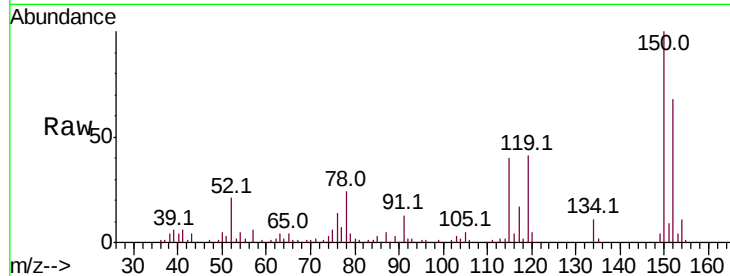


#1

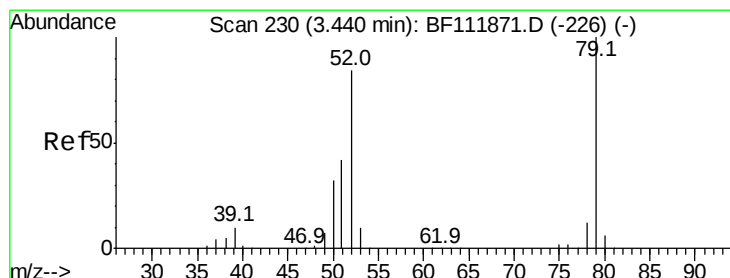
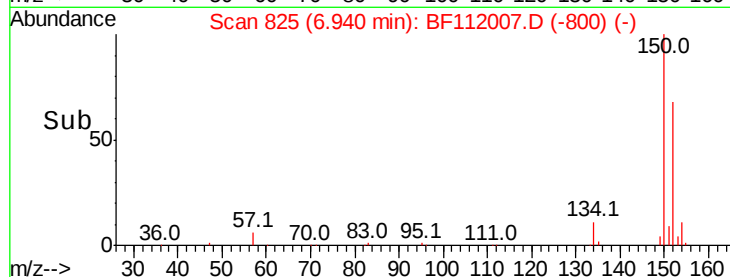
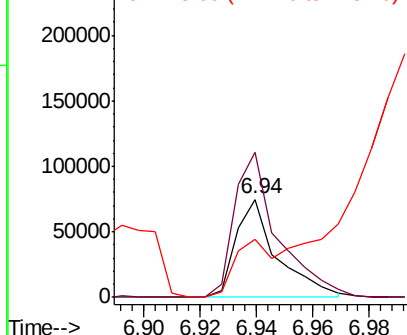
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.05 min
Lab File: BF112007.D
Acq: 11 Jan 2019 00:16

Instrument :
BNA_F
ClientSampleId :
CROSSWICKS-DRUM-1

Tot Ion:152 Resp: 76085
Ion Ratio Lower Upper
152 100
150 147.5 122.7 184.1
115 58.9 45.2 67.8



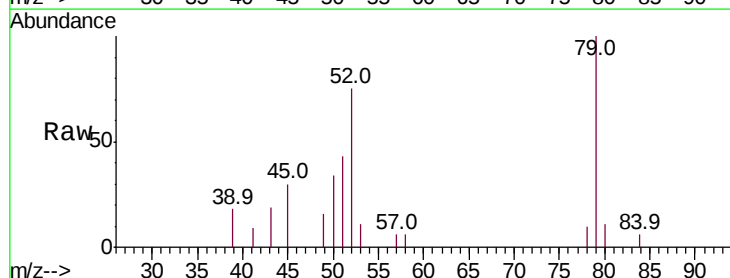
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



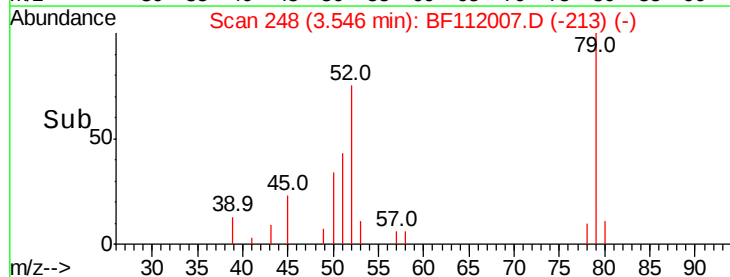
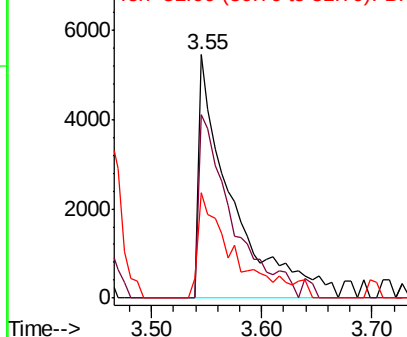
#3

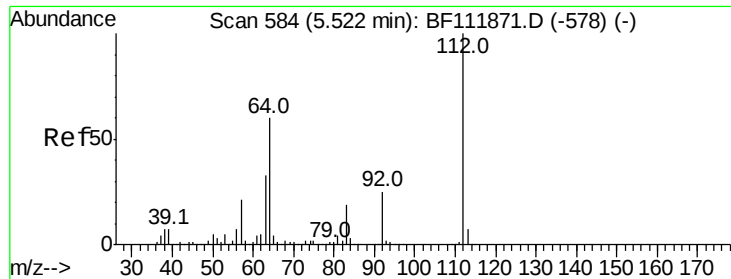
Pyridine
Concen: 2.226 ng
RT: 3.55 min Scan# 248
Delta R.T. 0.11 min
Lab File: BF112007.D
Acq: 11 Jan 2019 00:16

Tgt Ion: 79 Resp: 11219
Ion Ratio Lower Upper
79 100
52 75.4 67.0 100.6
51 43.1 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1





#5

2-Fluorophenol

Concen: 25.151 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.07 min

Lab File: BF112007.D

Acq: 11 Jan 2019 00:16

Instrument :

BNA_F

ClientSampleId :

CROSSWICKS-DRUM-1

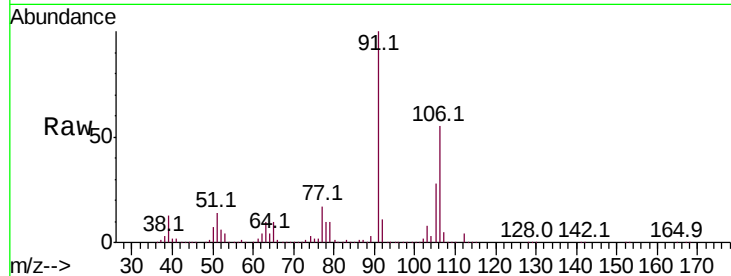
Tot Ion:112 Resp: 111855

Ion Ratio Lower Upper

112 100

64 103.7 48.3 72.5#

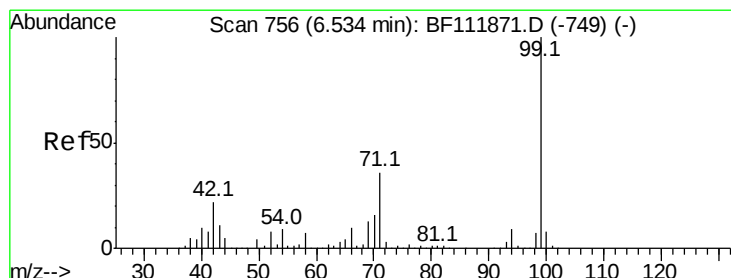
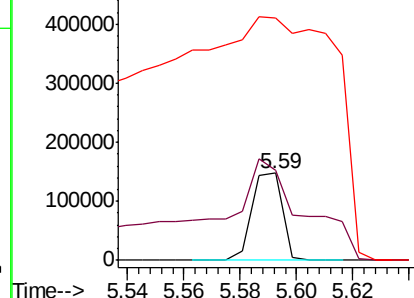
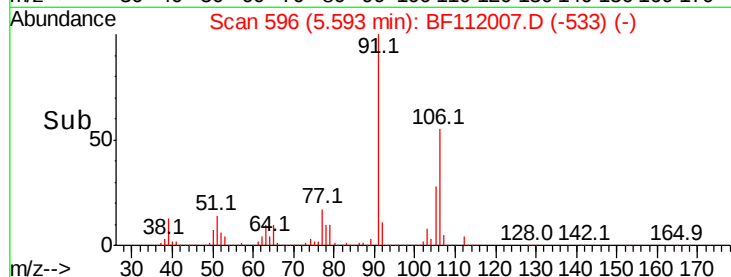
63 278.6 26.1 39.1#



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: 49.323 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.05 min

Lab File: BF112007.D

Acq: 11 Jan 2019 00:16

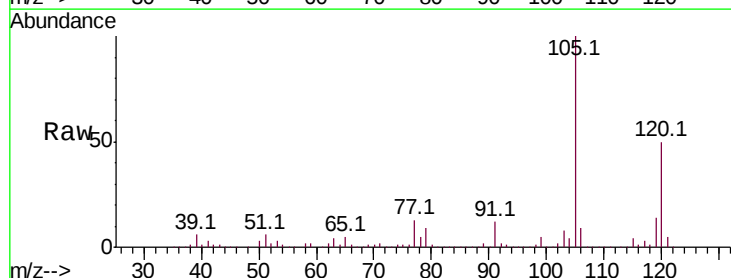
Tgt Ion: 99 Resp: 282719

Ion Ratio Lower Upper

99 100

42 21.7 17.9 26.9

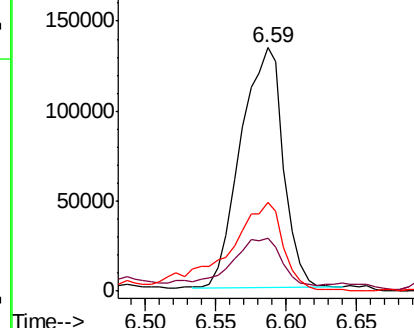
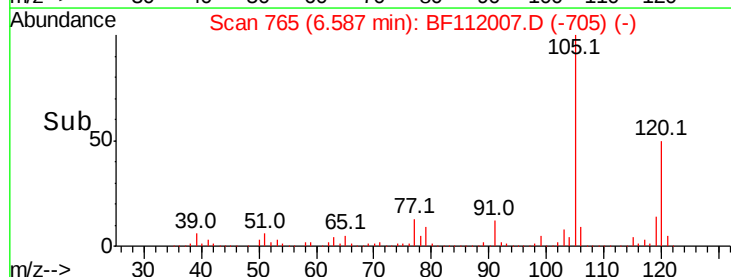
71 36.2 28.7 43.1



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

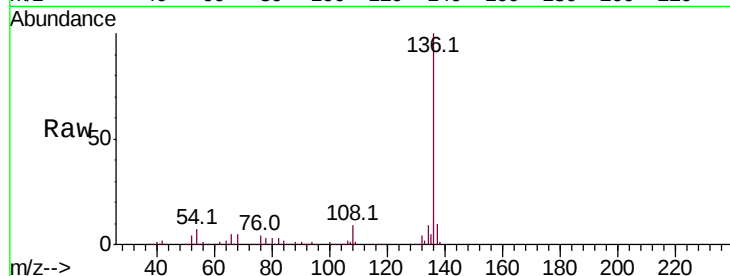




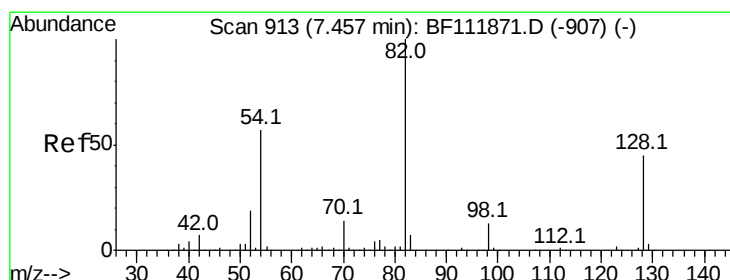
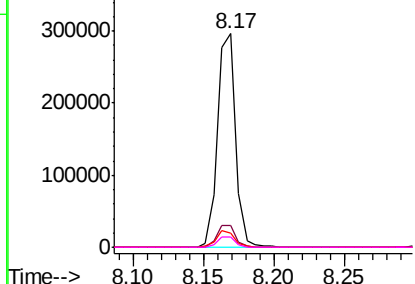
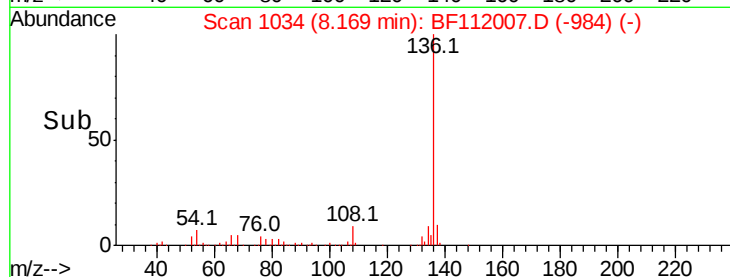
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF112007.D
Acq: 11 Jan 2019 00:16

Instrument :
BNA_F
ClientSampleId :
CROSSWICKS-DRUM-1

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	6.8	7.2	10.8
68	4.6	4.4	6.6

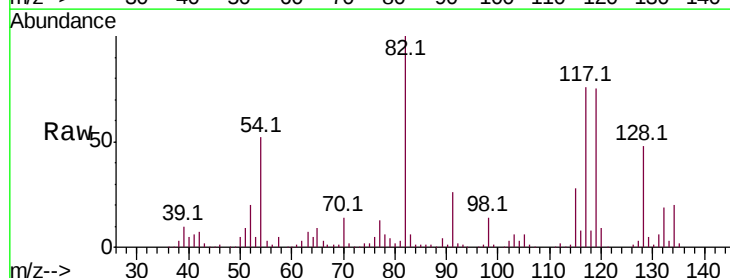


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

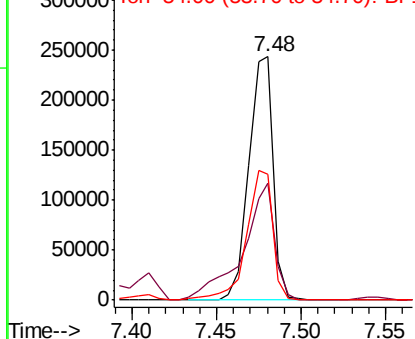
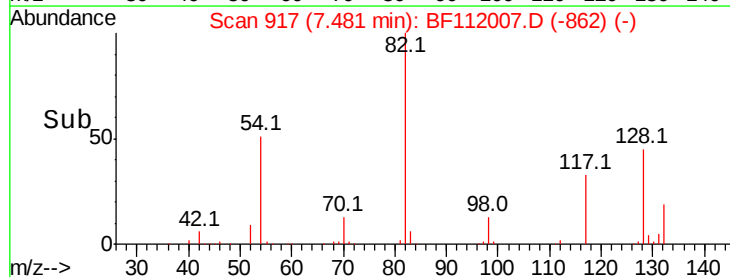


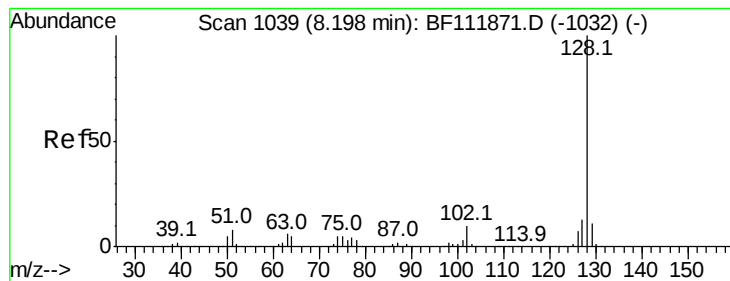
#23
Nitrobenzene-d5
Concen: 50.004 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.02 min
Lab File: BF112007.D
Acq: 11 Jan 2019 00:16

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.9	35.7	53.5
54	51.7	45.8	68.8



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





#31

Naphthalene

Concen: 5.490 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF112007.D

Acq: 11 Jan 2019 00:16

Instrument :

BNA_F

ClientSampleId :

CROSSWICKS-DRUM-1

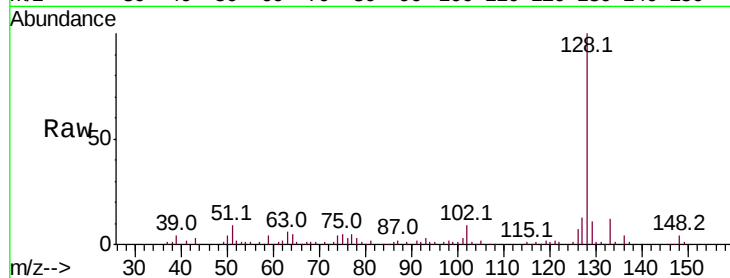
Tot Ion:128 Resp: 68718

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

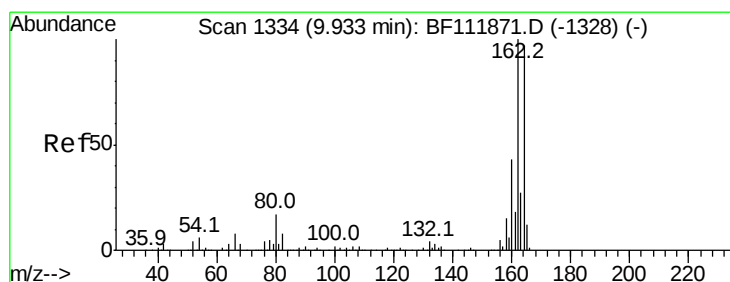
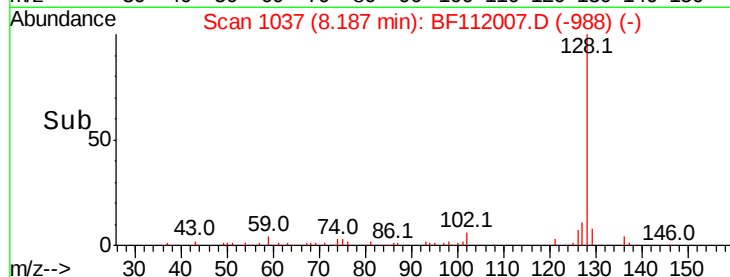
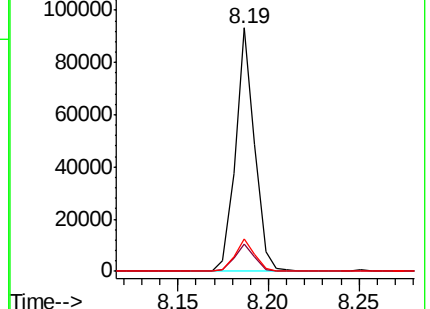
127 13.2 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF112007.D

Acq: 11 Jan 2019 00:16

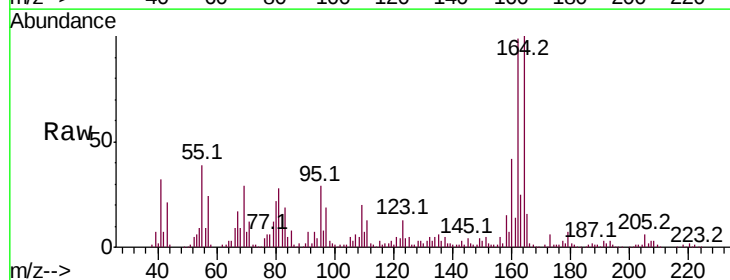
Tgt Ion:164 Resp: 161545

Ion Ratio Lower Upper

164 100

162 99.1 82.2 123.2

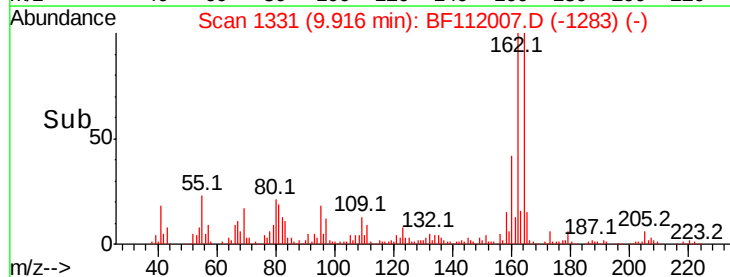
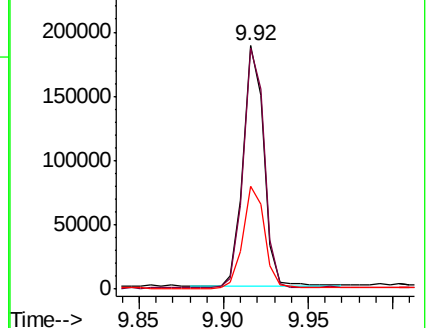
160 42.0 35.5 53.3

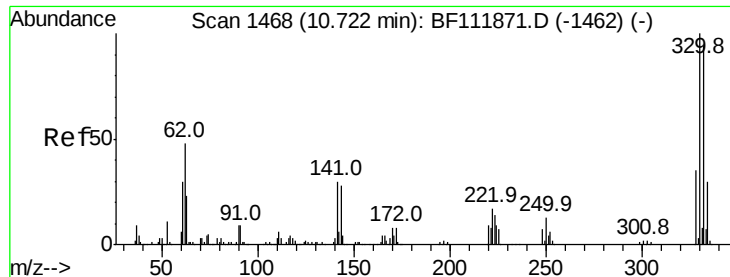


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

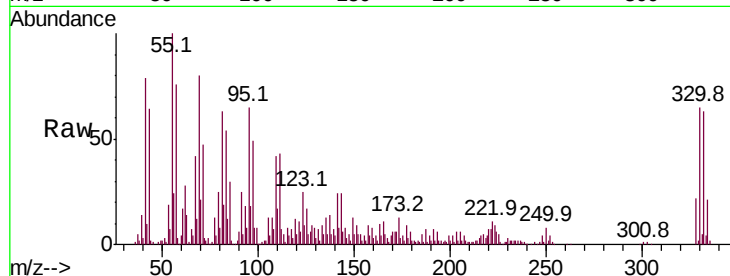




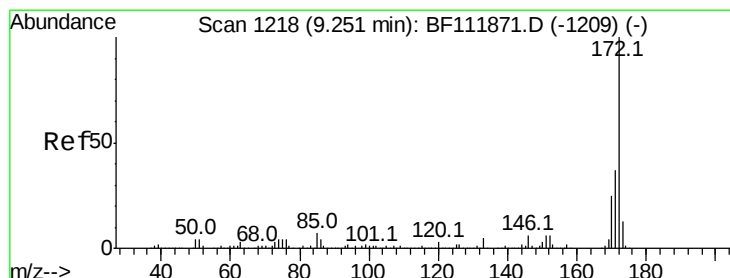
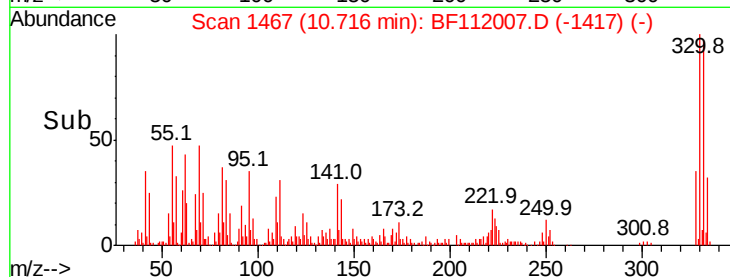
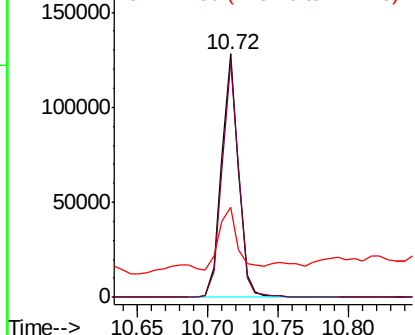
#42
 2,4,6-Tribromophenol
 Concen: 51.262 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF112007.D
 Acq: 11 Jan 2019 00:16

Instrument :
 BNA_F
 ClientSampleId :
 CROSSWICKS-DRUM-1

Tot Ion:330 Resp: 107713
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.9 115.3
 141 28.6 23.7 35.5

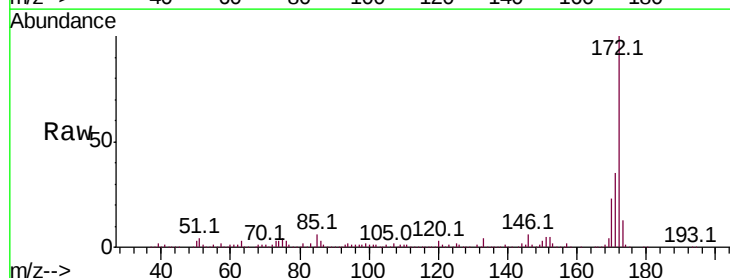


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

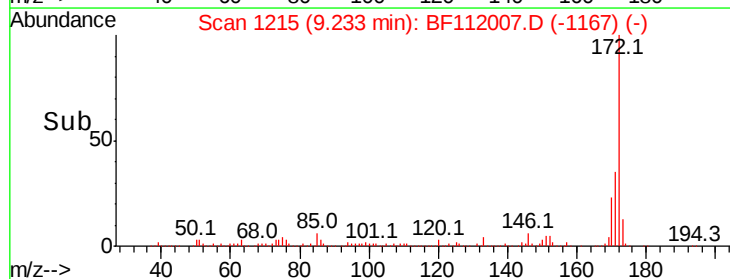
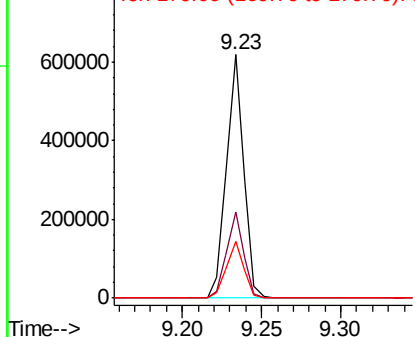


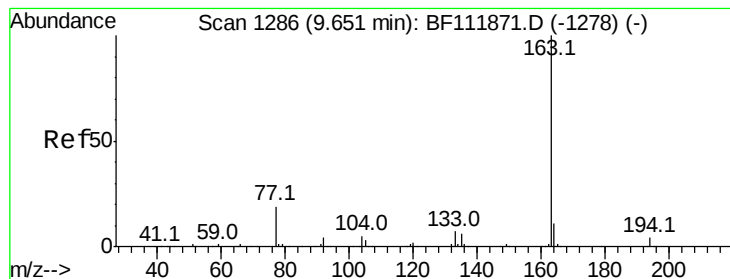
#45
 2-Fluorobiphenyl
 Concen: 42.160 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF112007.D
 Acq: 11 Jan 2019 00:16

Tgt Ion:172 Resp: 467063
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.2 19.8 29.8



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: 8.510 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.03 min

Lab File: BF112007.D

Acq: 11 Jan 2019 00:16

Instrument :

BNA_F

ClientSampleId :

CROSSWICKS-DRUM-1

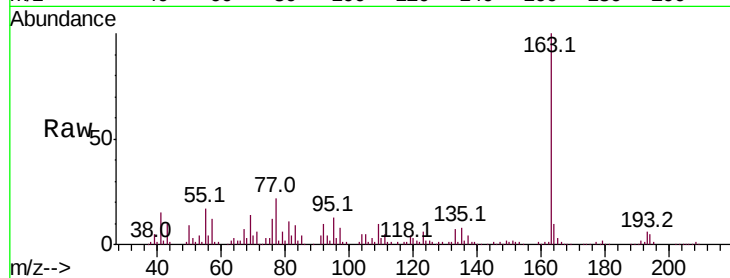
Tot Ion:163 Resp: 103274

Ion Ratio Lower Upper

163 100

194 5.4 3.4 5.2#

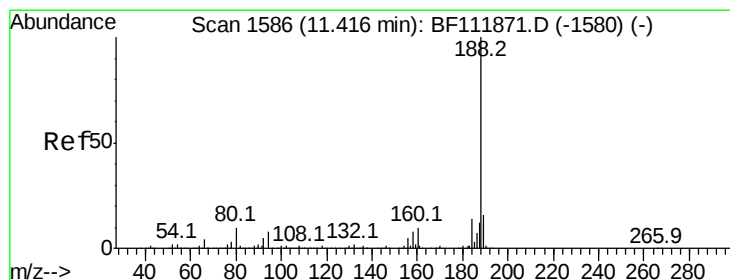
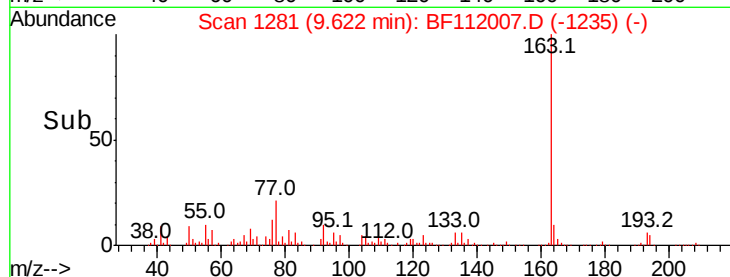
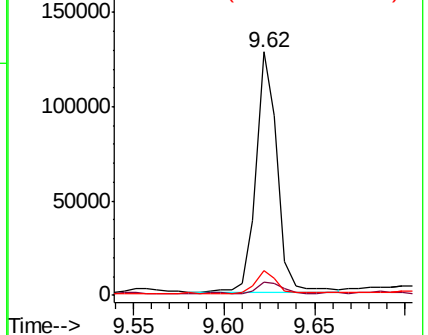
164 10.1 8.5 12.7



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: BF112007.D

Acq: 11 Jan 2019 00:16

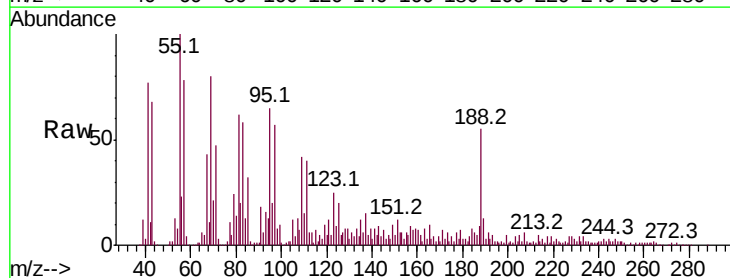
Tgt Ion:188 Resp: 175274

Ion Ratio Lower Upper

188 100

94 23.4 6.6 10.0#

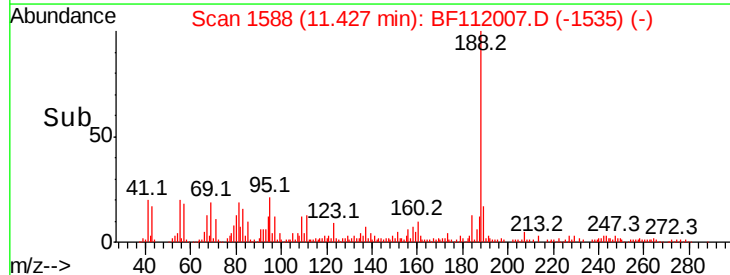
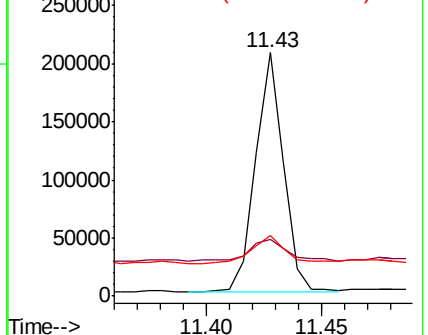
80 24.8 7.7 11.5#

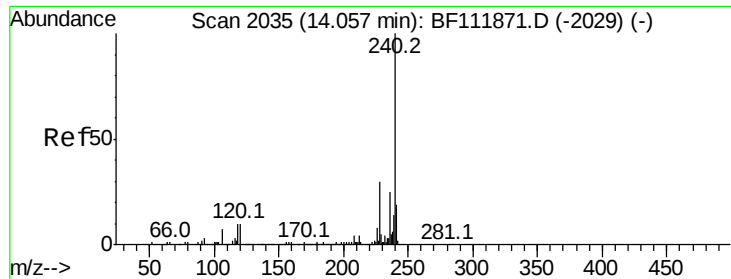


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

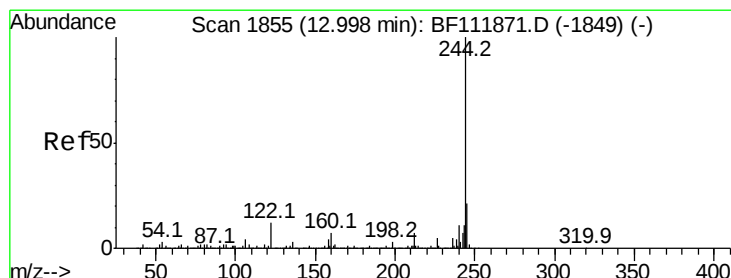
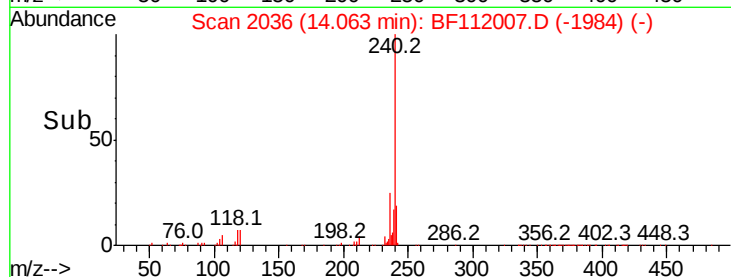
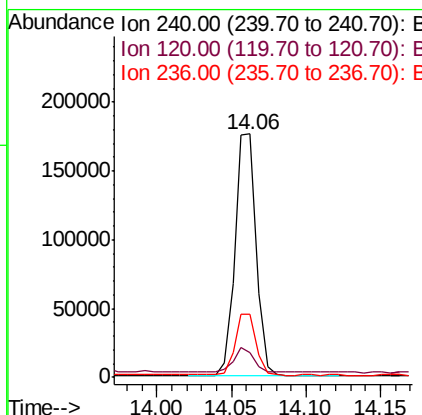
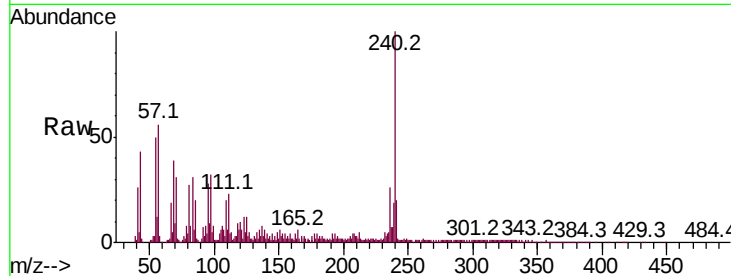




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF112007.D
 Acq: 11 Jan 2019 00:16

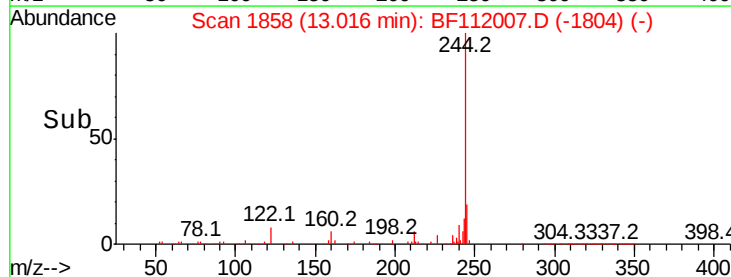
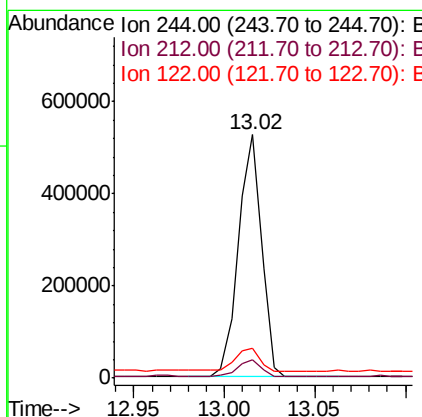
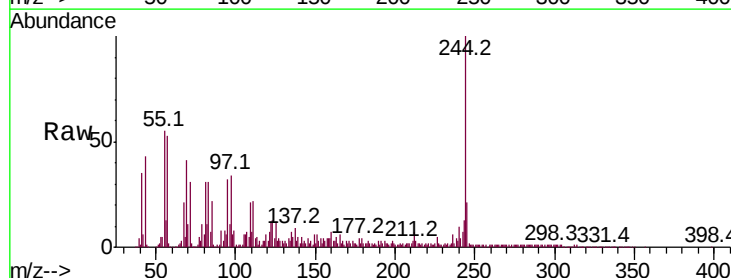
Instrument :
 BNA_F
 ClientSampleId :
 CROSSWICKS-DRUM-1

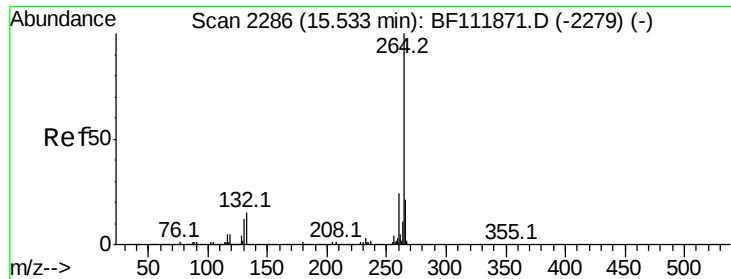
Tot Ion:240 Resp: 177030
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.2 12.2
 236 25.8 20.2 30.4



#79
 Terphenyl-d14
 Concen: 50.161 ng
 RT: 13.02 min Scan# 1858
 Delta R.T. 0.02 min
 Lab File: BF112007.D
 Acq: 11 Jan 2019 00:16

Tgt Ion:244 Resp: 467810
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 12.2 9.5 14.3

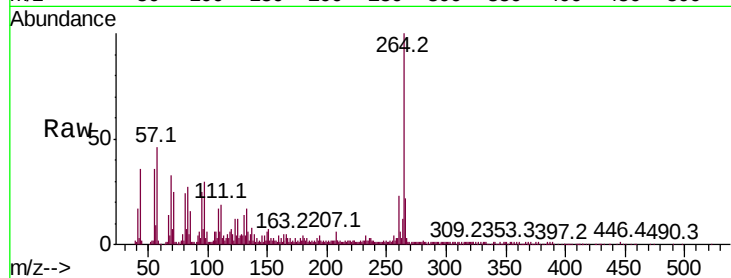




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF112007.D
Acq: 11 Jan 2019 00:16

Instrument :
BNA_F
ClientSampleId :
CROSSWICKS-DRUM-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.8	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

