

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113177.D
 Acq On : 20 Mar 2019 18:04
 Operator : JU/SJ
 Sample : K1688-25 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 12:22:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

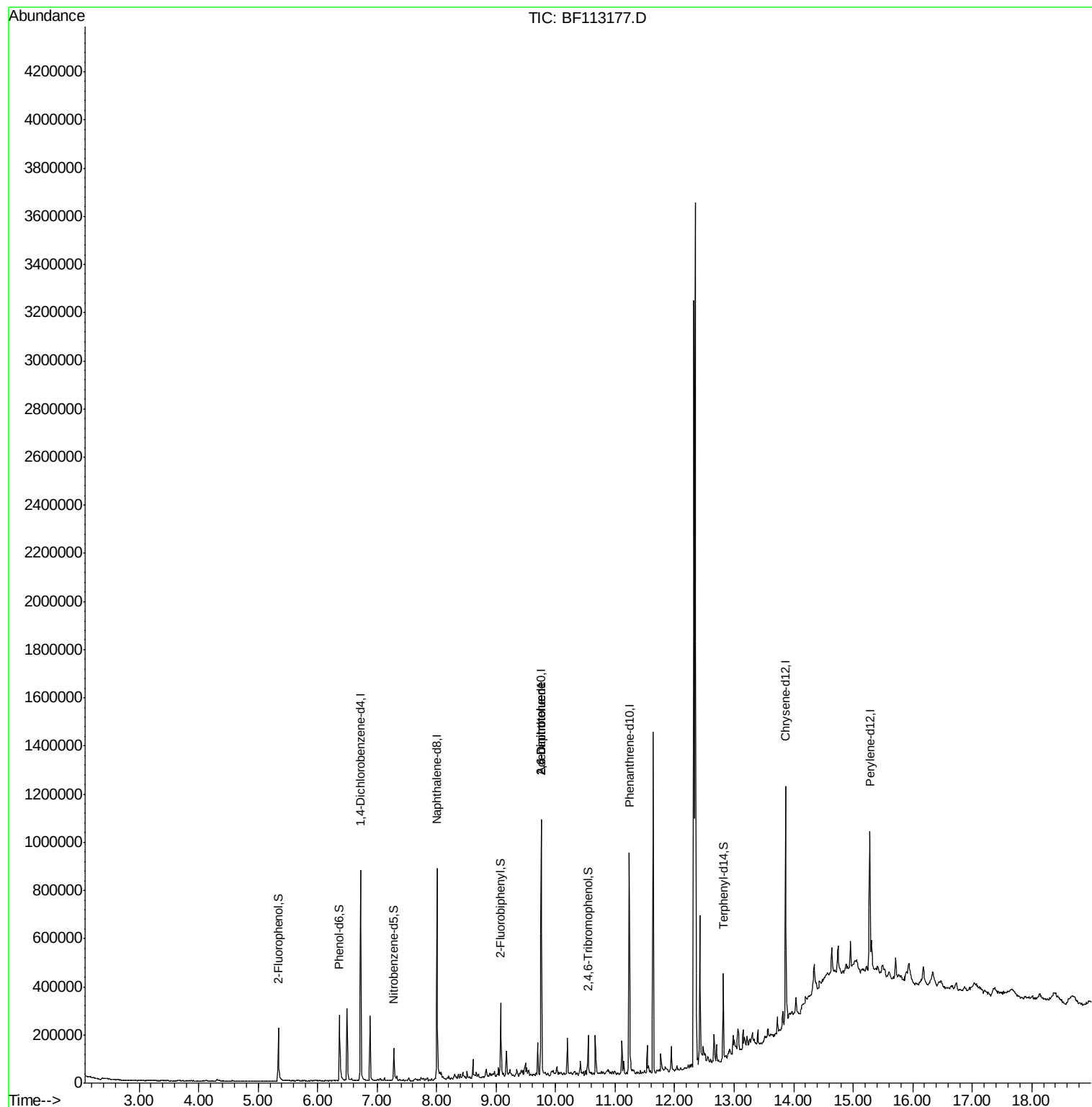
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	134515	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	426643	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	196651	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	365560	20.00	ng	0.00
76) Chrysene-d12	13.87	240	352995	20.00	ng	0.00
87) Perylene-d12	15.28	264	273546	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	77285	8.94	ng	0.00
7) Phenol-d6	6.37	99	112320	10.34	ng	0.00
23) Nitrobenzene-d5	7.28	82	50182	7.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	22555	10.80	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	108569	6.04	ng	0.00
79) Terphenyl-d14	12.82	244	113720	6.25	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.76	165	27332	9.052	ng	# 26
57) 2,4-Dinitrotoluene	9.76	165	27569	7.345	ng	# 23

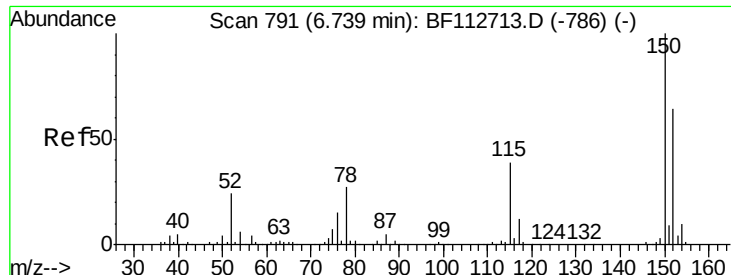
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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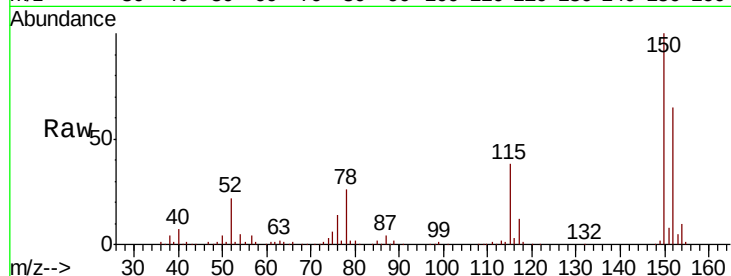


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113177.D
Acq: 20 Mar 2019 18:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.0	184.6
115	57.9	45.9	68.9

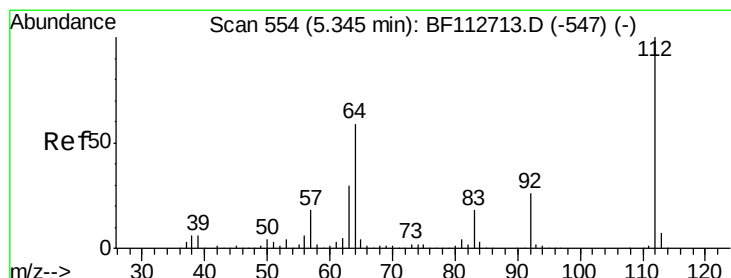
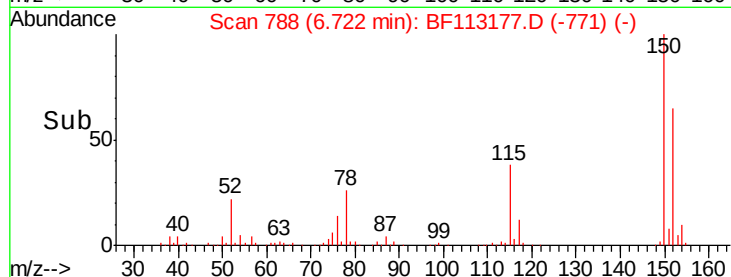
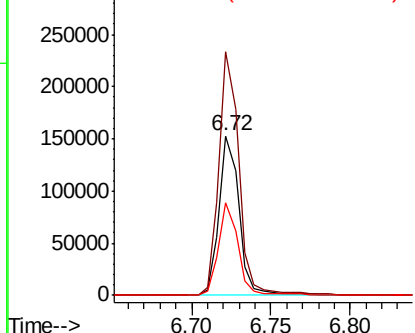


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

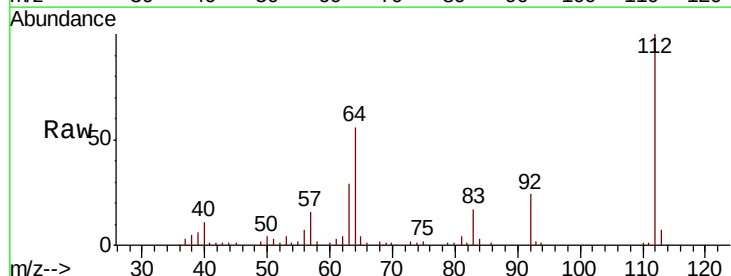
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 8.937 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF113177.D
Acq: 20 Mar 2019 18:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	49.3	73.9
63	28.6	25.4	38.2

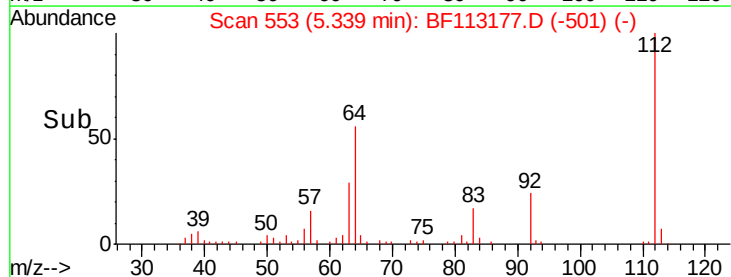
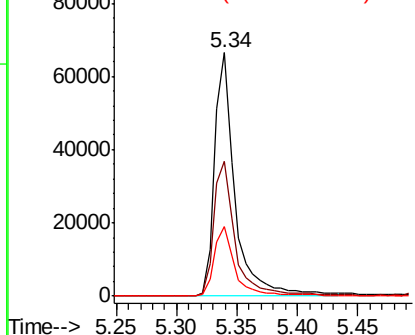


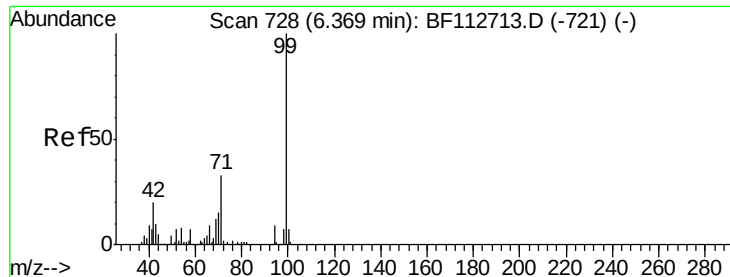
Abundance

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: 10.340 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113177.D

Acq: 20 Mar 2019 18:04

Instrument :

BNA_F

ClientSampled :

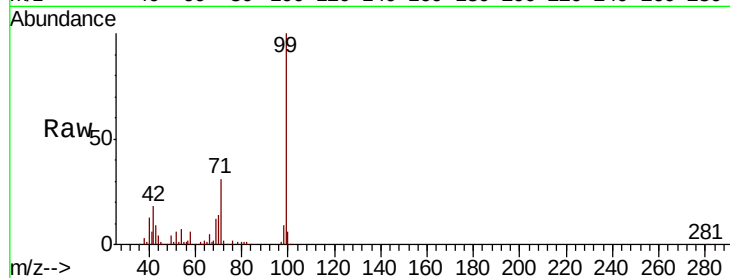
Tot Ion: 99 Resp: 112320

Ion Ratio Lower Upper

99 100

42 17.6 15.2 22.8

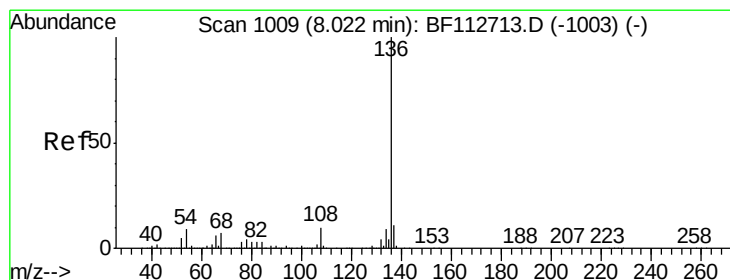
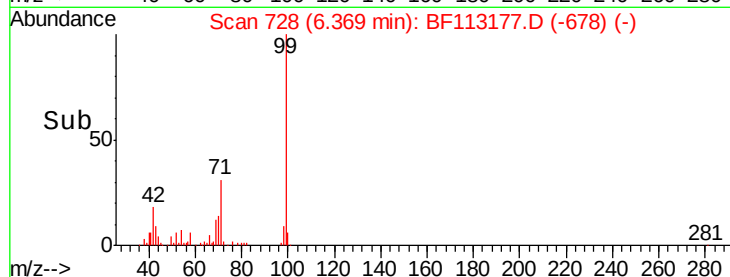
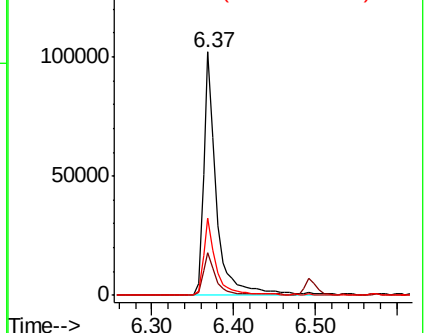
71 31.5 25.7 38.5



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: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF113177.D

Acq: 20 Mar 2019 18:04

Tgt Ion: 136 Resp: 426643

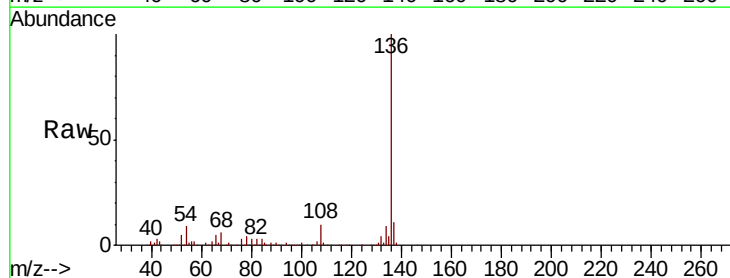
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.6 7.0 10.6

68 6.0 5.0 7.4

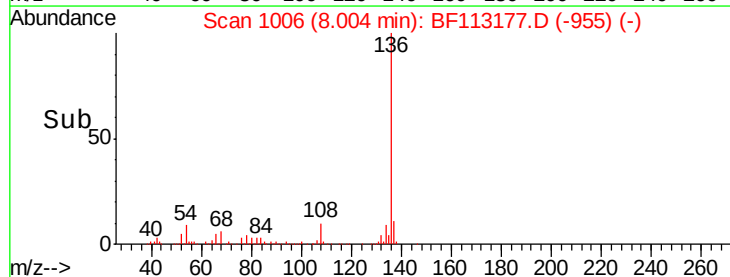
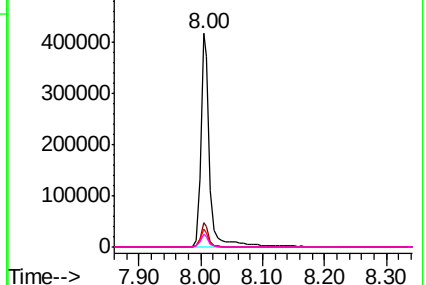


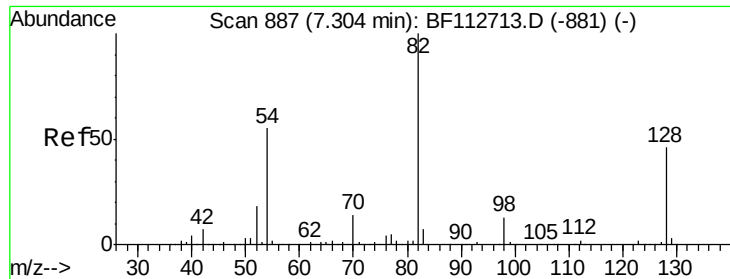
Abundance Ion 136.00 (135.70 to 136.70): E

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

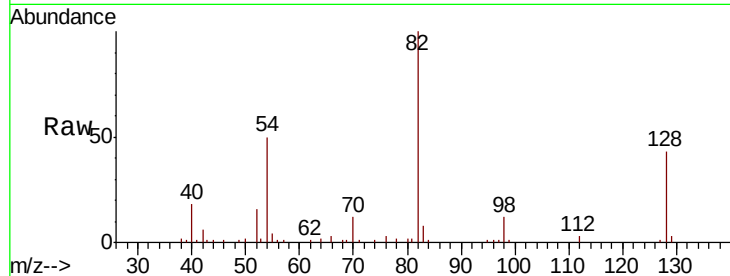




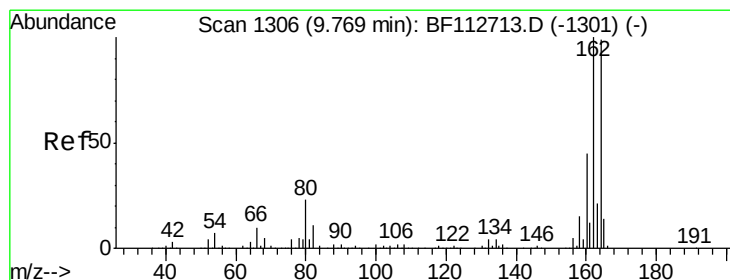
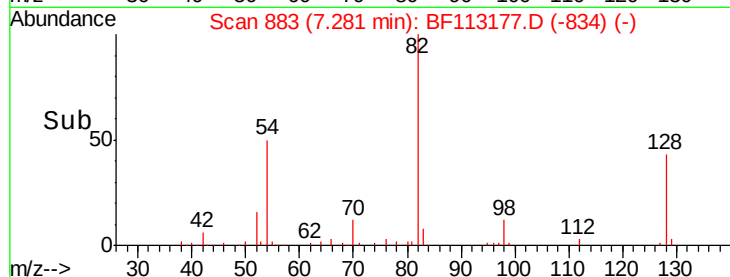
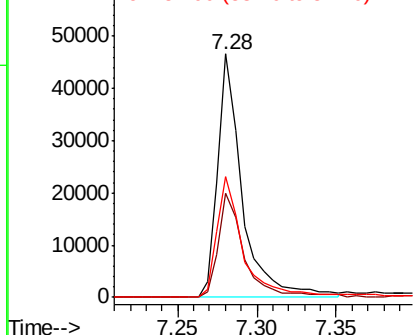
#23
 Nitrobenzene-d5
 Concen: 7.038 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF113177.D
 Acq: 20 Mar 2019 18:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 50182
 Ion Ratio Lower Upper
 82 100
 128 42.6 37.9 56.9
 54 49.6 41.2 61.8

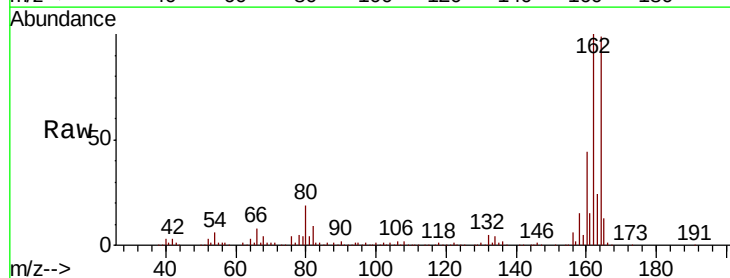


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

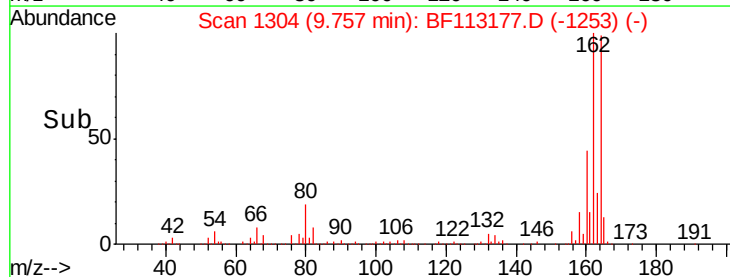
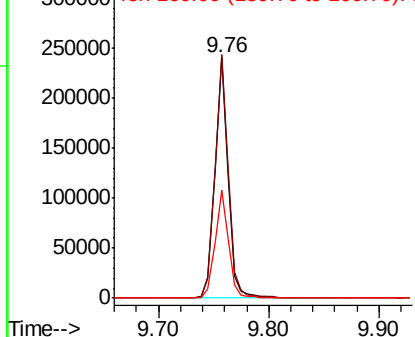


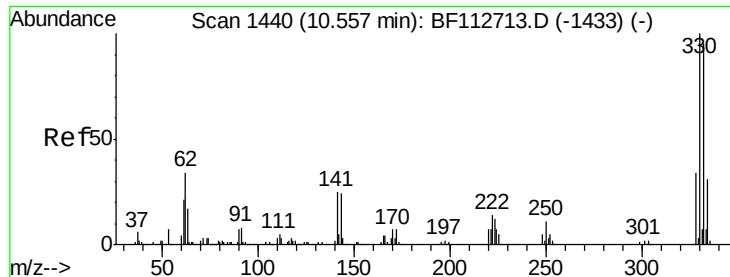
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF113177.D
 Acq: 20 Mar 2019 18:04

Tgt Ion:164 Resp: 196651
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.8 121.2
 160 44.7 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

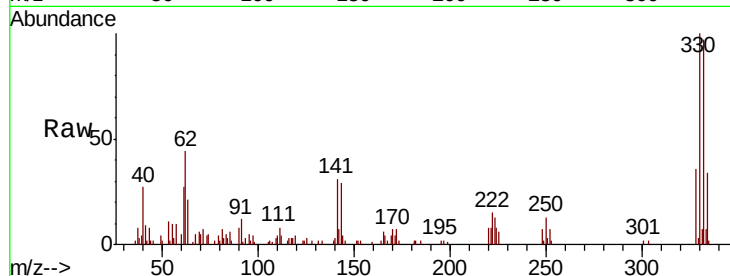




#42
 2,4,6-Tribromophenol
 Concen: 10.804 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF113177.D
 Acq: 20 Mar 2019 18:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.3	114.5
141	34.9	22.3	33.5#

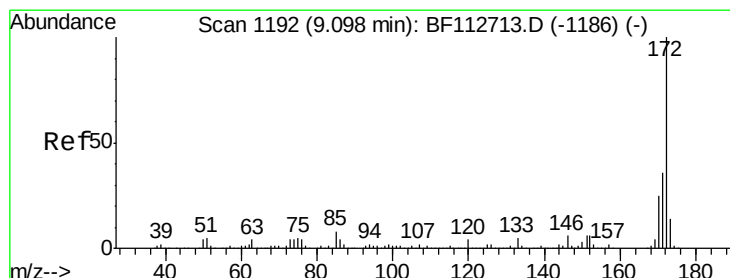
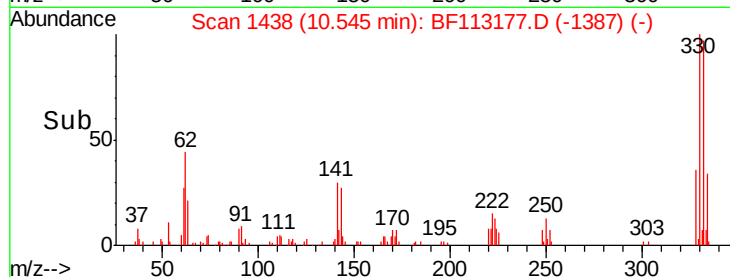
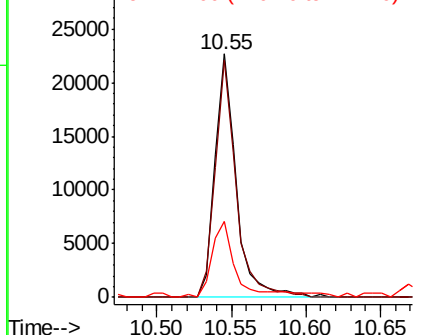


Abundance

Ion 329.80 (329.50 to 330.50): E

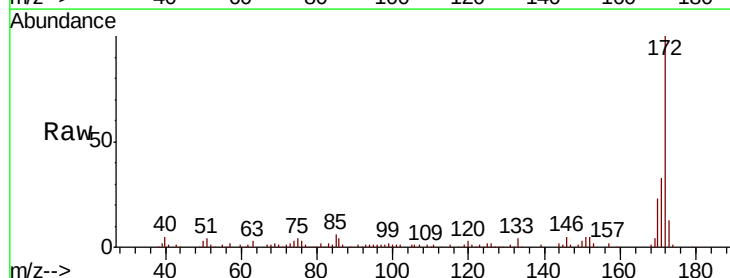
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 6.044 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113177.D
 Acq: 20 Mar 2019 18:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	29.0	43.4
170	23.2	20.1	30.1

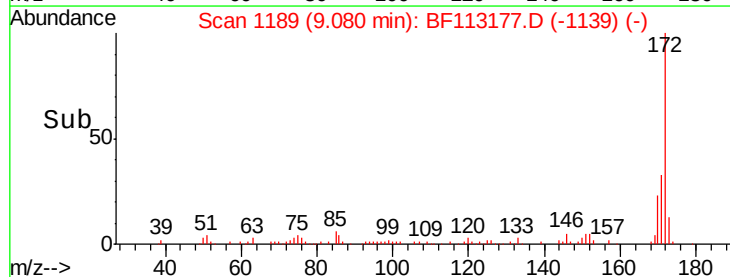
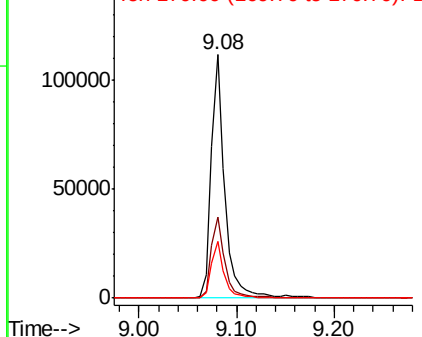


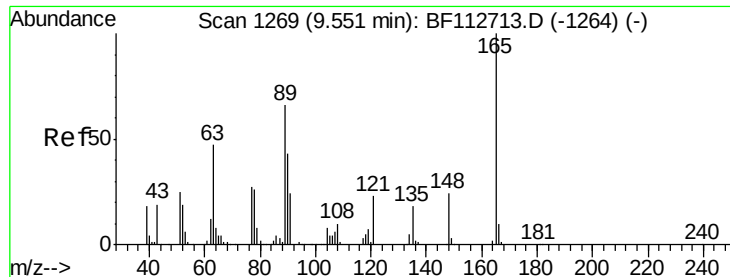
Abundance

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

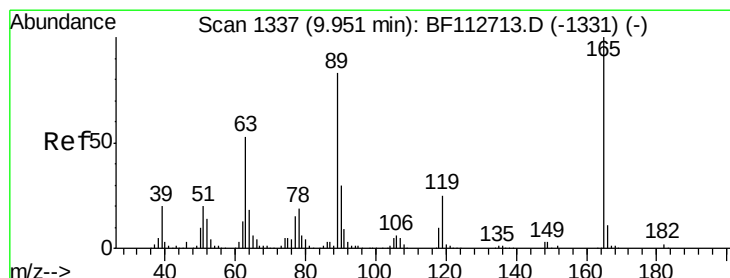
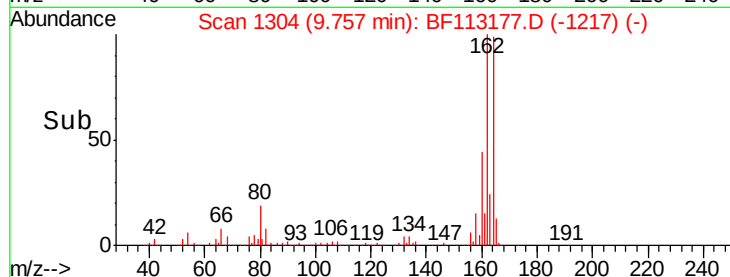
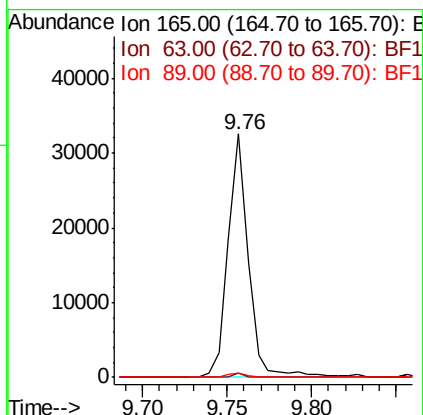
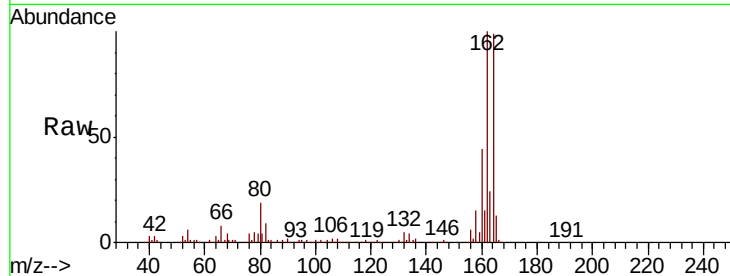




#51
2,6-Dinitrotoluene
Concen: 9.052 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF113177.D
Acq: 20 Mar 2019 18:04

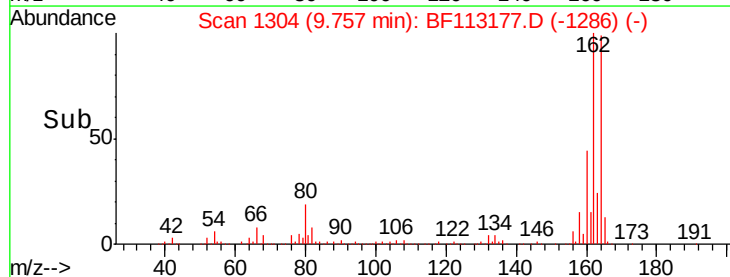
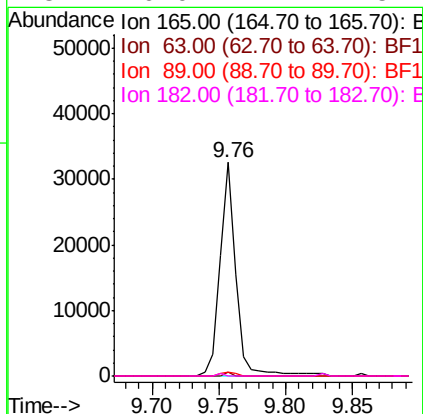
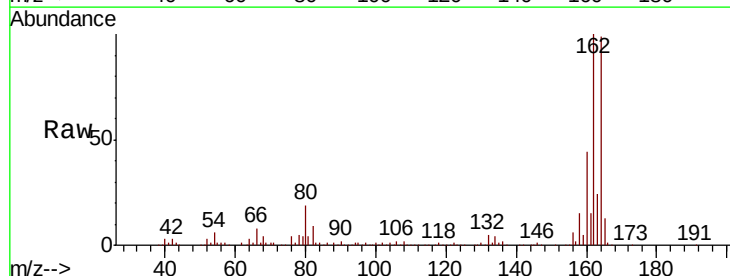
Instrument :
BNA_F
ClientSampleId :

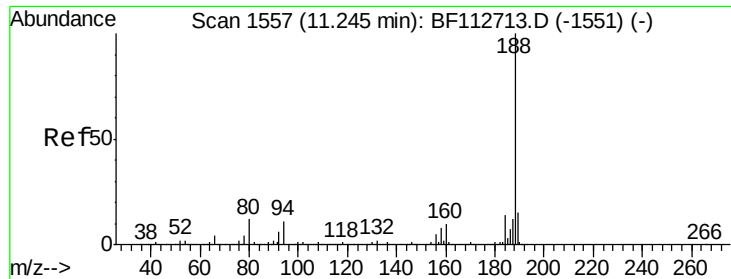
Tot Ion:165 Resp: 27332
Ion Ratio Lower Upper
165 100
63 1.6 45.4 68.2#
89 1.9 43.8 65.6#



#57
2,4-Dinitrotoluene
Concen: 7.345 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF113177.D
Acq: 20 Mar 2019 18:04

Tgt Ion:165 Resp: 27569
Ion Ratio Lower Upper
165 100
63 1.6 37.9 56.9#
89 1.9 58.5 87.7#
182 0.0 2.2 3.2#

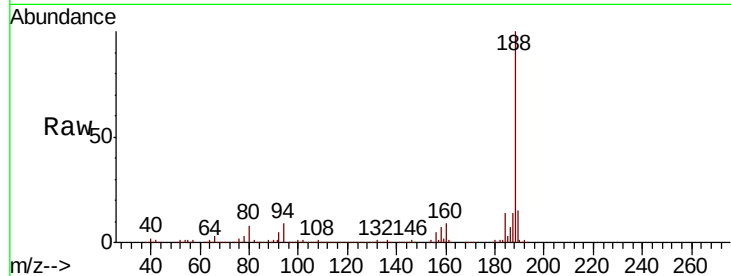




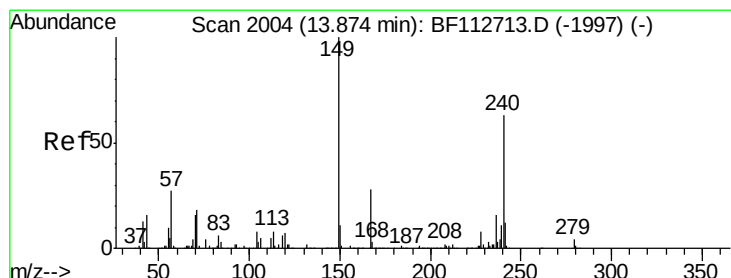
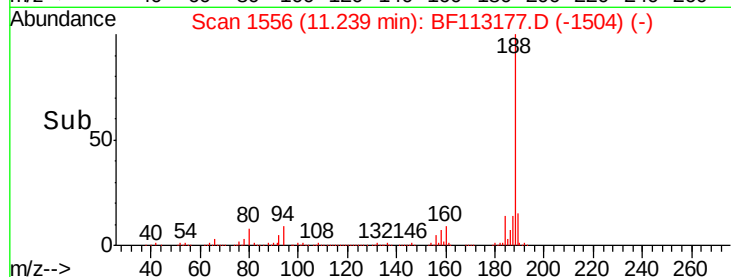
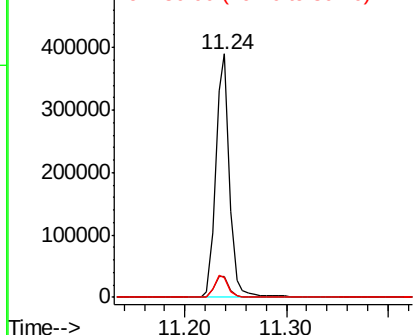
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF113177.D
Acq: 20 Mar 2019 18:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 365560
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 8.2 7.9 11.9

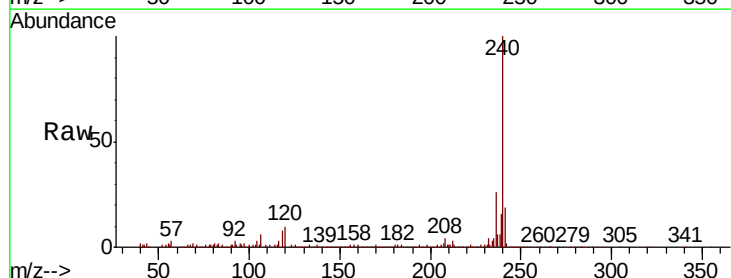


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

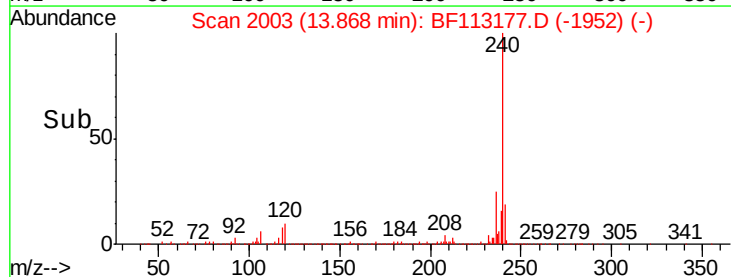
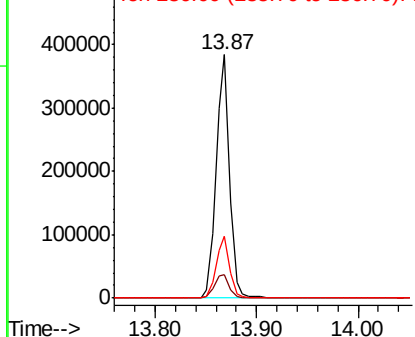


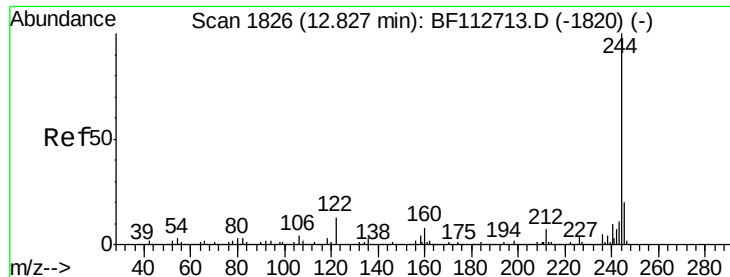
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113177.D
Acq: 20 Mar 2019 18:04

Tgt Ion:240 Resp: 352995
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 25.5 21.2 31.8



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

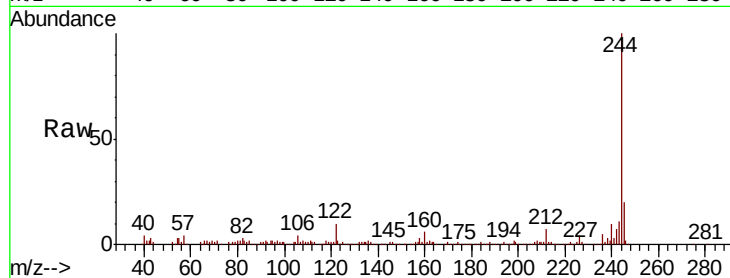




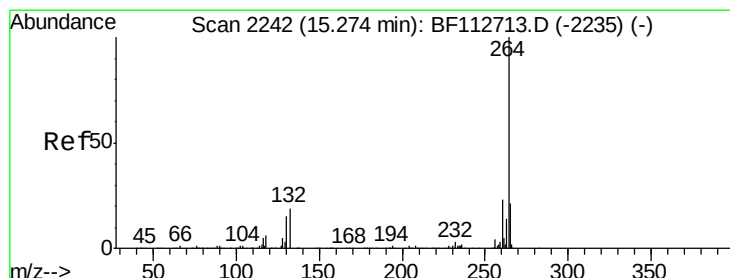
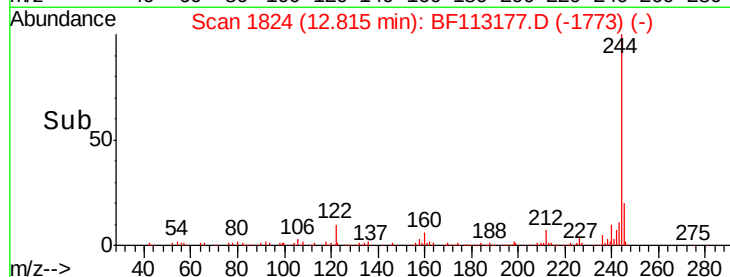
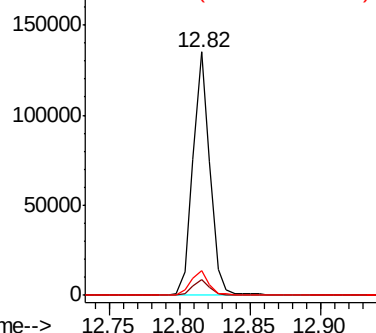
#79
 Terphenyl-d14
 Concen: 6.245 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF113177.D
 Acq: 20 Mar 2019 18:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 113720
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 9.9 9.4 14.2

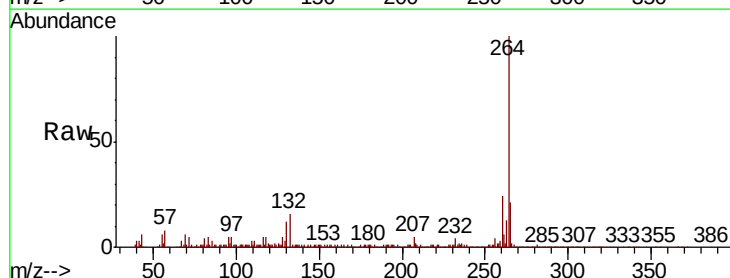


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BF113177.D
 Acq: 20 Mar 2019 18:04

Tgt Ion:264 Resp: 273546
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.0 17.7 26.5



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

