

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118767.D
 Acq On : 30 Jan 2020 22:31
 Operator : CG/JU
 Sample : L1283-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 23:04:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

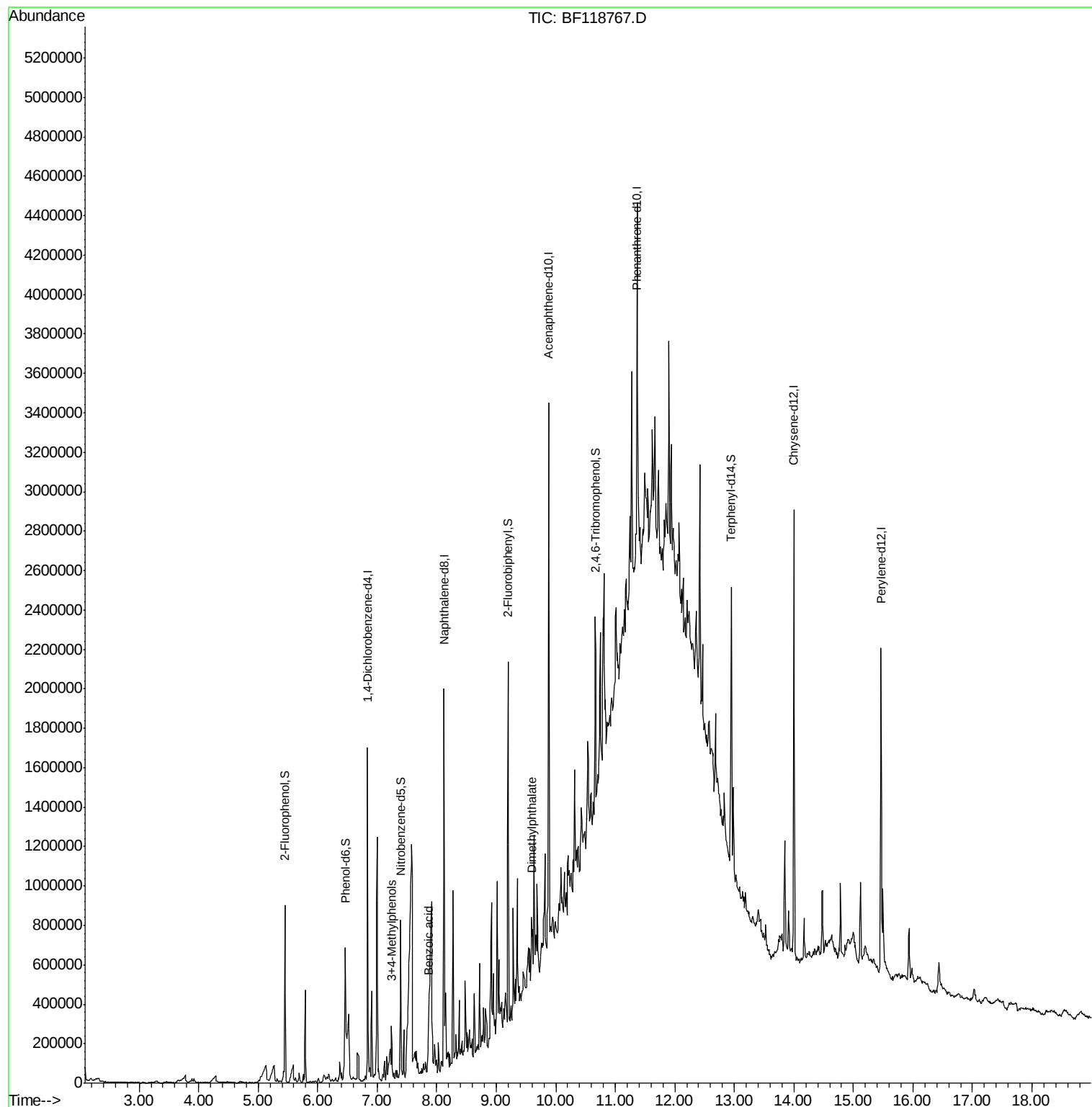
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	253238	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	899463	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	421404	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	700781	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	699060	20.00	ng	-0.02
87) Perylene-d12	15.46	264	839819	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	230379	16.90	ng	-0.03
7) Phenol-d6	6.46	99	179267	10.12	ng	-0.03
23) Nitrobenzene-d5	7.39	82	243179	15.12	ng	-0.03
42) 2,4,6-Tribromophenol	10.67	330	111427	22.86	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	515673	20.11	ng	-0.02
79) Terphenyl-d14	12.95	244	529521	16.52	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	7.24	107	33370	2.144	ng	# 71
32) Benzoic acid	7.86	122	20722	2.277	ng	# 75
50) Dimethylphthalate	9.59	163	81197	2.957	ng	# 95

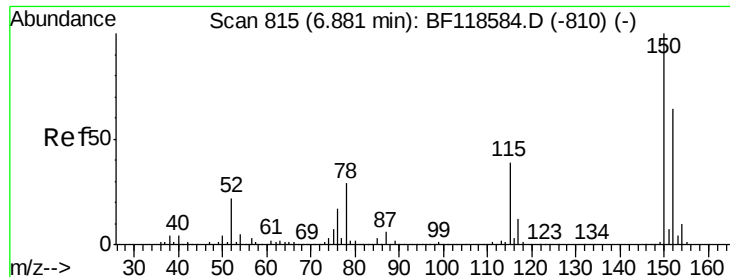
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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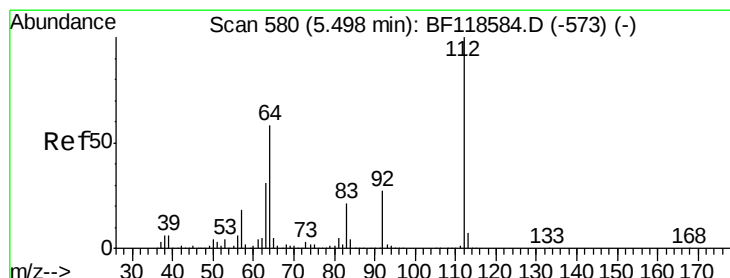
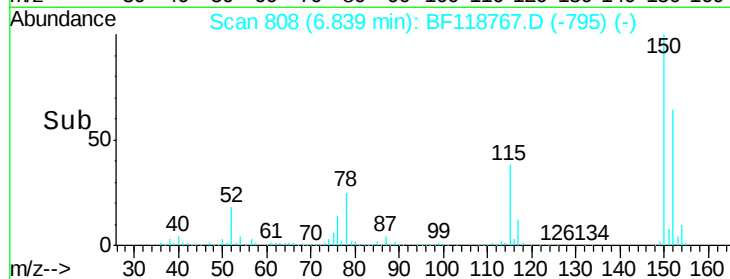
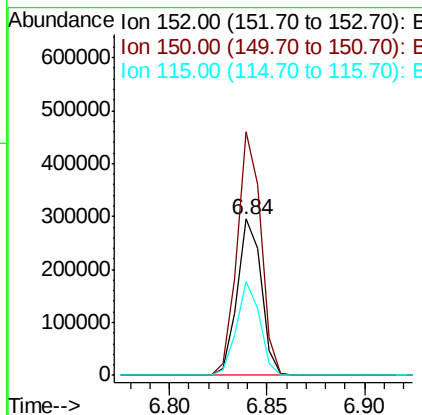
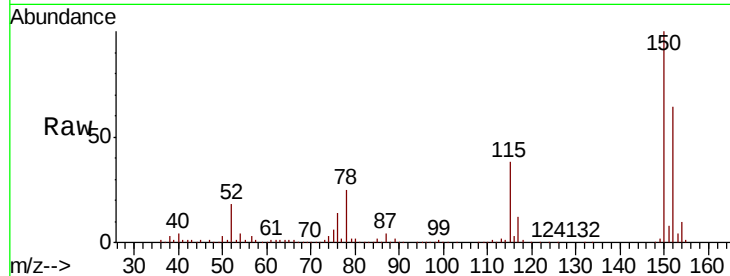


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF118767.D
Acq: 30 Jan 2020 22:31

Instrument :
BNA_F
ClientSampleId :

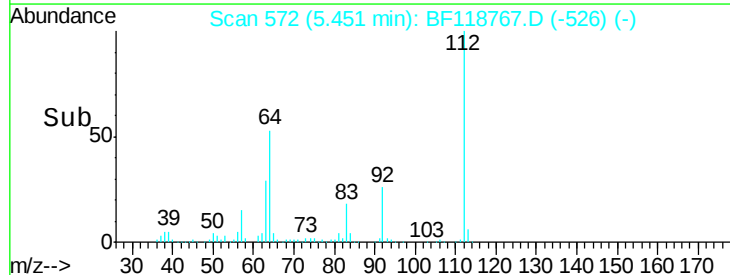
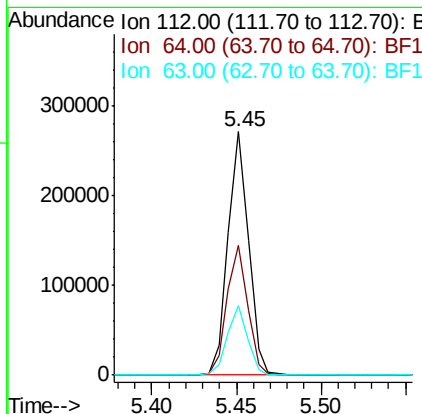
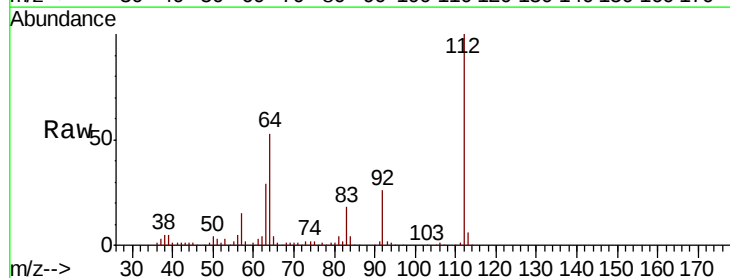
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.7	185.5
115	59.8	45.1	67.7



#5

2-Fluorophenol
Concen: 16.896 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF118767.D
Acq: 30 Jan 2020 22:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	42.4	63.6
63	28.6	21.7	32.5





#7

Phenol-d6

Concen: 10.115 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF118767.D

Acq: 30 Jan 2020 22:31

Instrument :

BNA_F

ClientSampled :

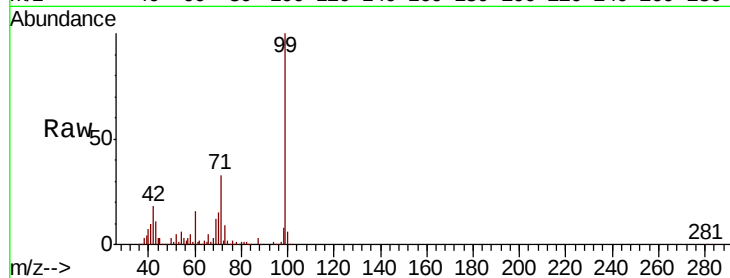
Tot Ion: 99 Resp: 179267

Ion Ratio Lower Upper

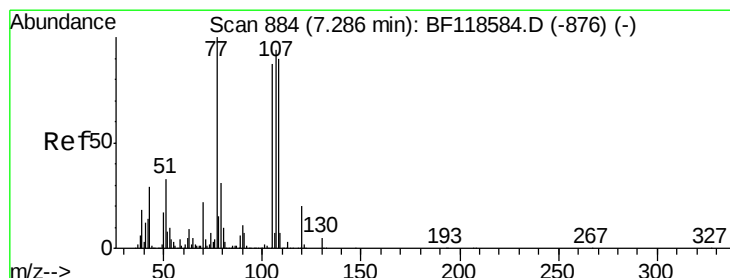
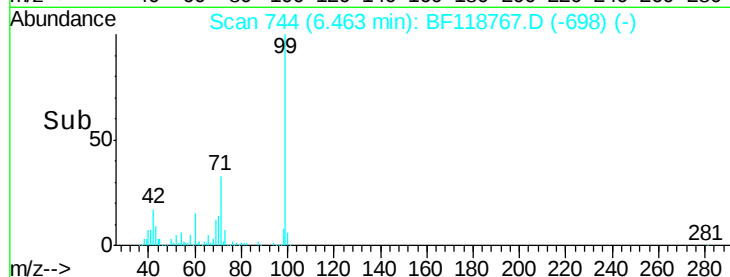
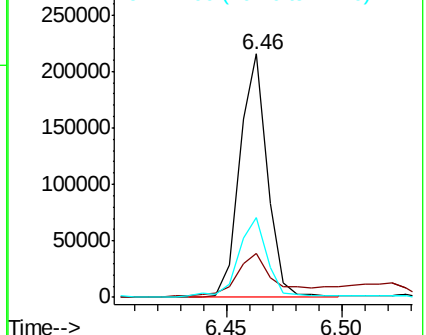
99 100

42 18.0 13.1 19.7

71 32.8 28.4 42.6



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



#20

3+4-Methylphenols

Concen: 2.144 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF118767.D

Acq: 30 Jan 2020 22:31

Tgt Ion: 107 Resp: 33370

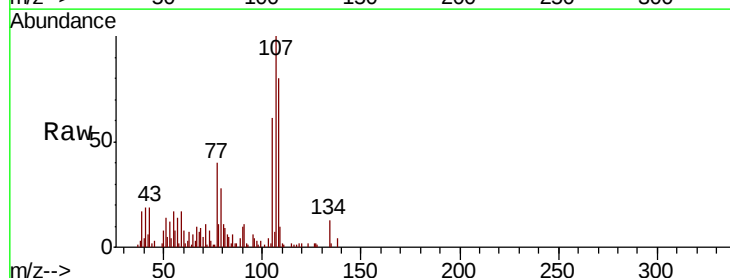
Ion Ratio Lower Upper

107 100

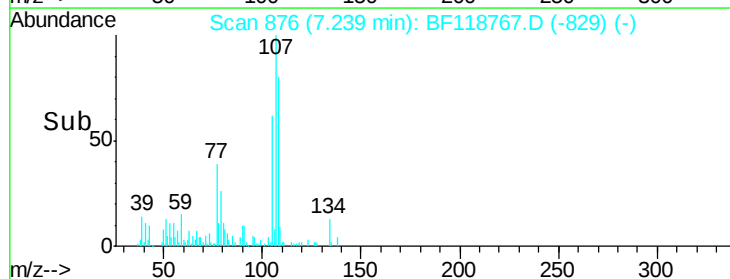
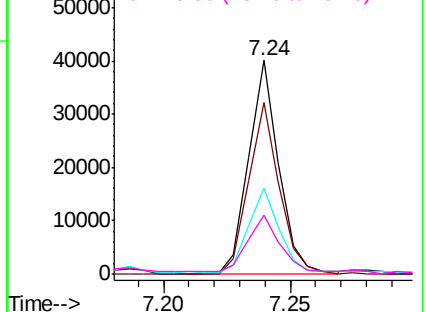
108 80.1 67.5 107.5

77 39.9 73.6 113.6#

79 27.7 9.3 49.3



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF118767.D

Acq: 30 Jan 2020 22:31

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 899463

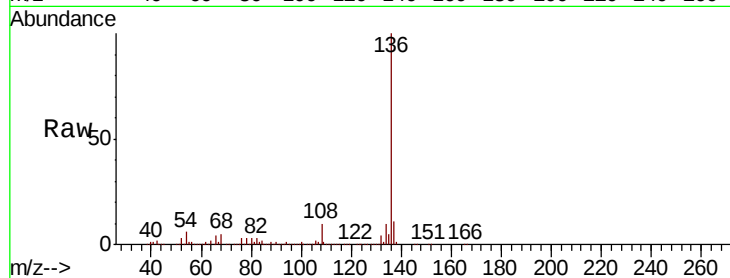
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.0 5.1 7.7

68 5.3 4.3 6.5

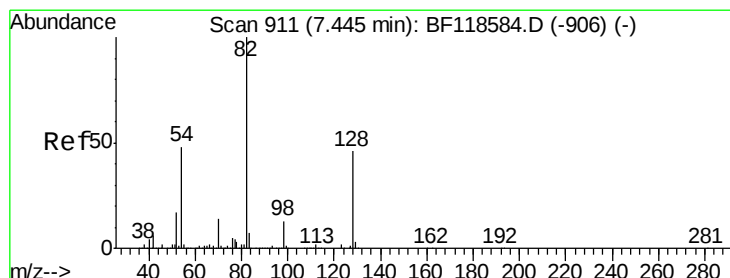
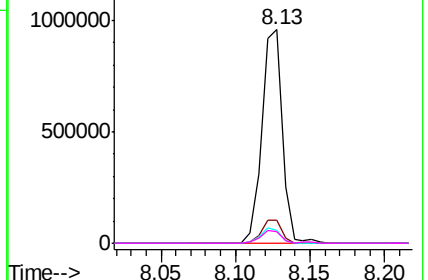
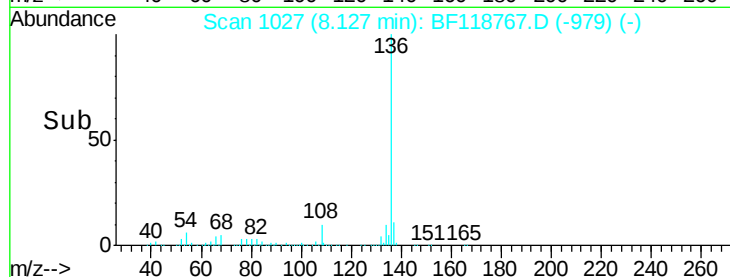


Abundance Ion 136.00 (135.70 to 136.70): E

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: 15.122 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF118767.D

Acq: 30 Jan 2020 22:31

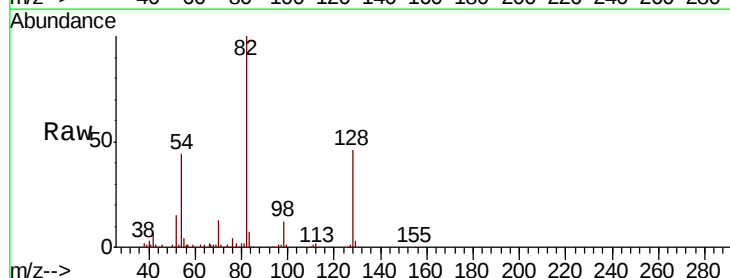
Tgt Ion: 82 Resp: 243179

Ion Ratio Lower Upper

82 100

128 45.7 38.2 57.2

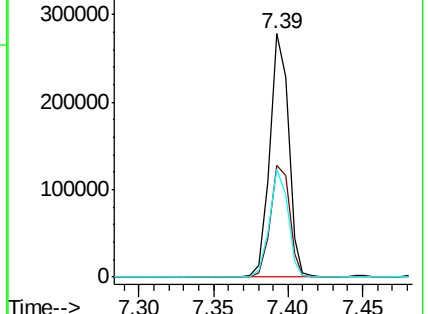
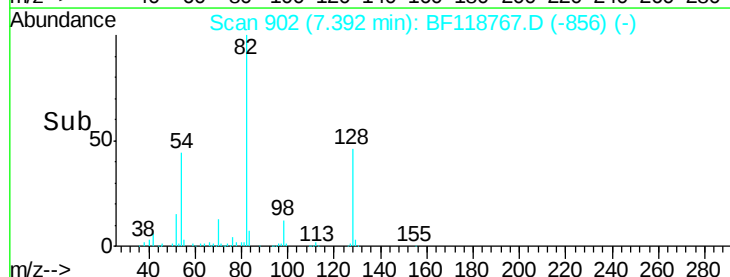
54 44.4 36.1 54.1

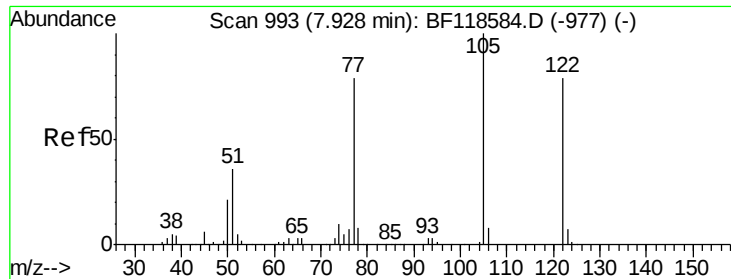


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

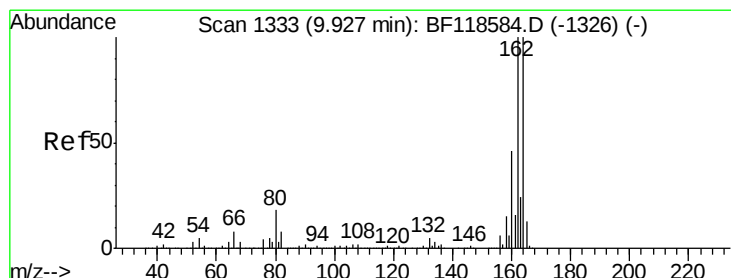
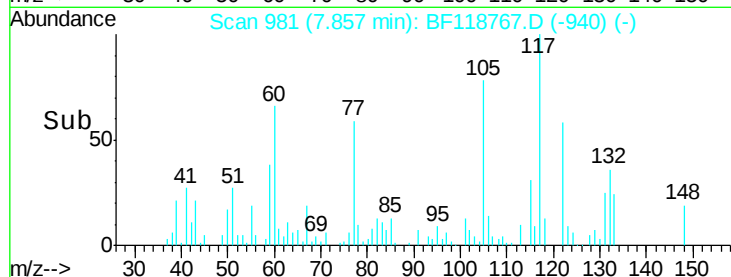
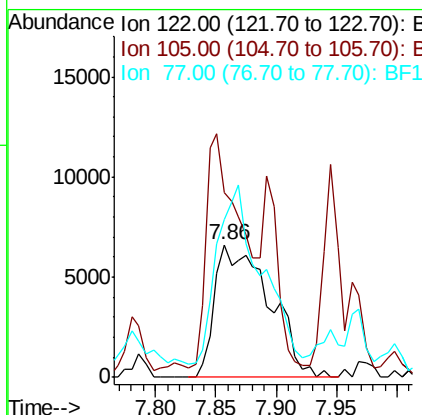
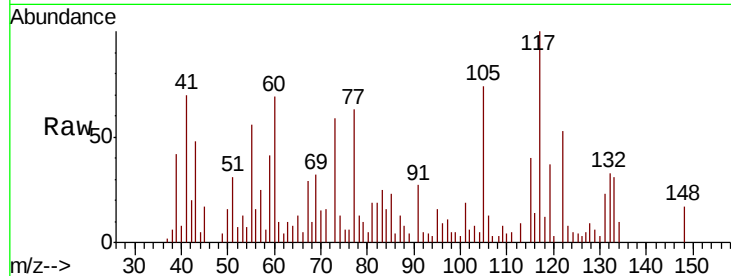




#32
Benzoic acid
Concen: 2.277 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.06 min
Lab File: BF118767.D
Acq: 30 Jan 2020 22:31

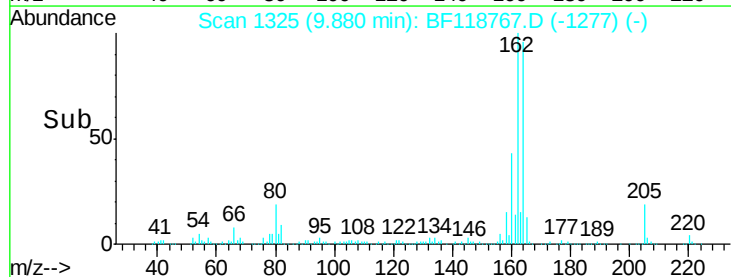
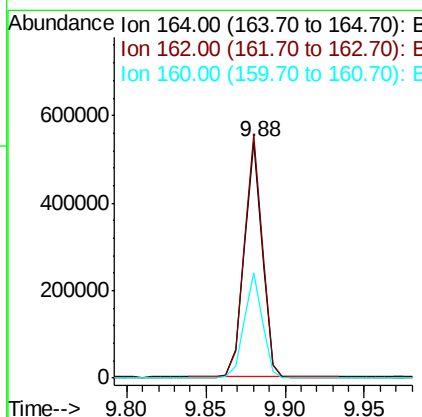
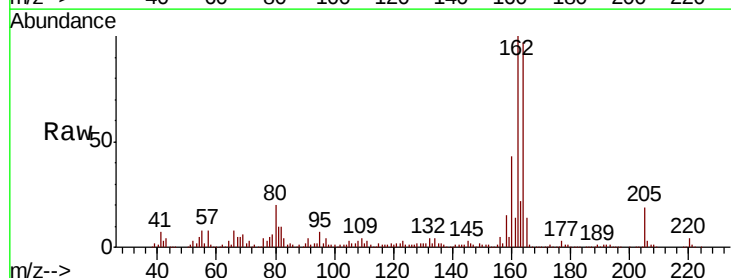
Instrument :
BNA_F
ClientSampleID :

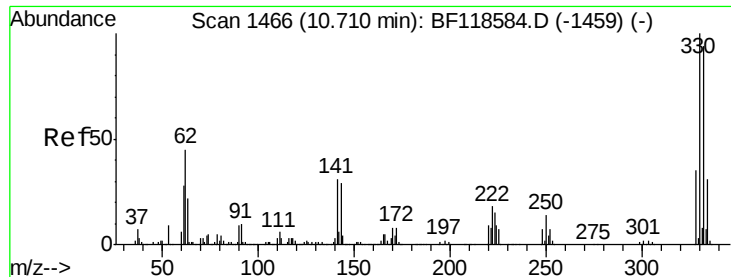
Tot Ion:122 Resp: 20722
Ion Ratio Lower Upper
122 100
105 139.0 100.9 140.9
77 119.3 65.1 105.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF118767.D
Acq: 30 Jan 2020 22:31

Tgt Ion:164 Resp: 421404
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 44.4 35.4 53.0

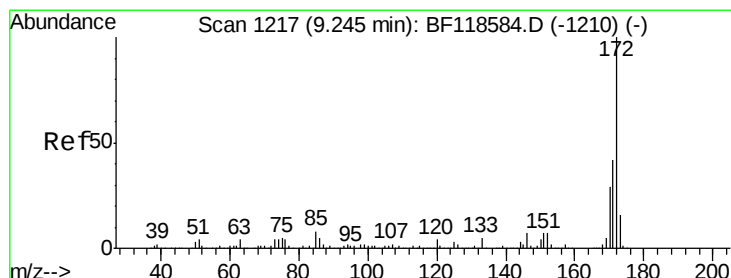
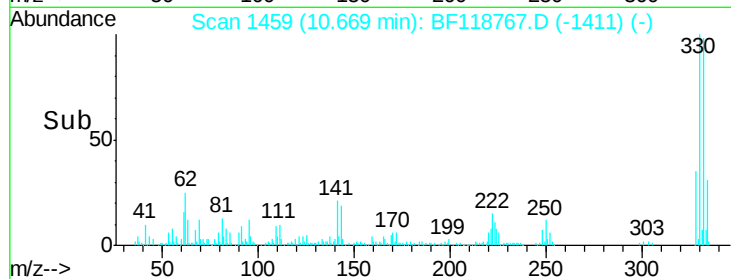
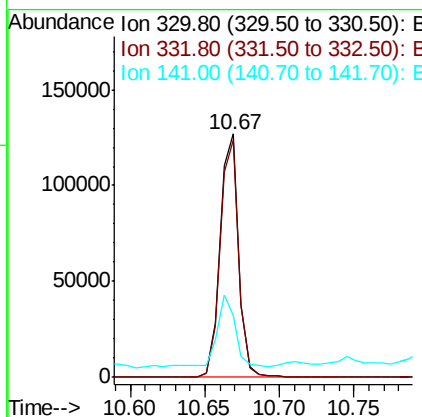
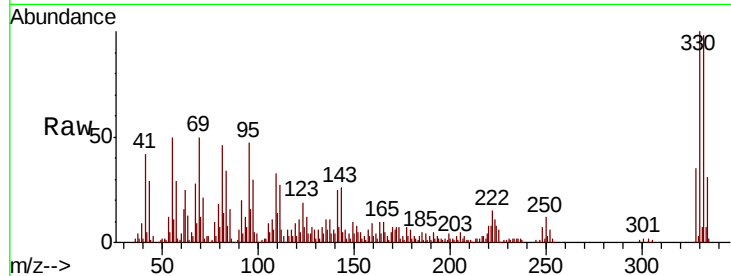




#42
 2,4,6-Tribromophenol
 Concen: 22.861 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF118767.D
 Acq: 30 Jan 2020 22:31

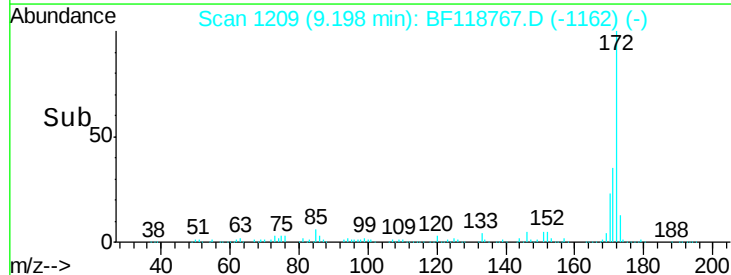
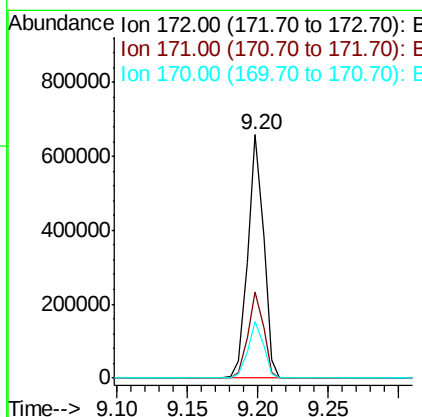
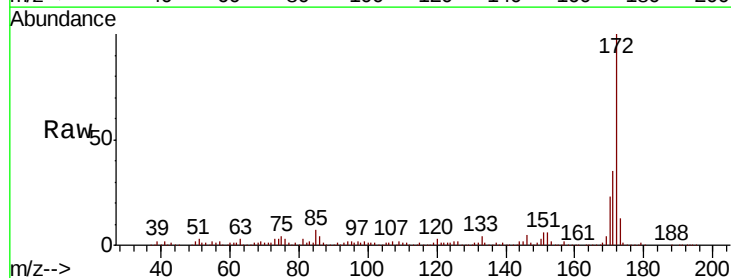
Instrument :
 BNA_F
 ClientSampleId :

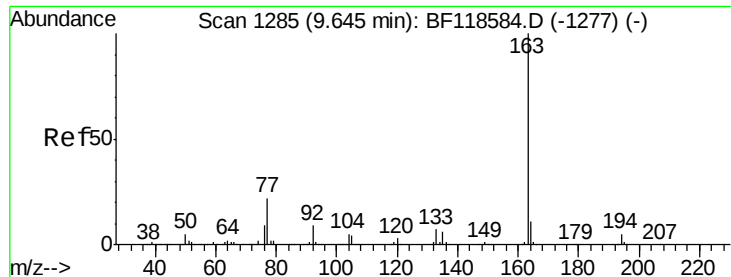
Tot Ion:330 Resp: 111427
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.6 116.4
 141 27.5 22.2 33.2



#45
 2-Fluorobiphenyl
 Concen: 20.113 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF118767.D
 Acq: 30 Jan 2020 22:31

Tgt Ion:172 Resp: 515673
 Ion Ratio Lower Upper
 172 100
 171 35.4 31.0 46.4
 170 23.2 20.7 31.1





#50

Dimethylphthalate

Concen: 2.957 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.03 min

Lab File: BF118767.D

Acq: 30 Jan 2020 22:31

Instrument :

BNA_F

ClientSampled :

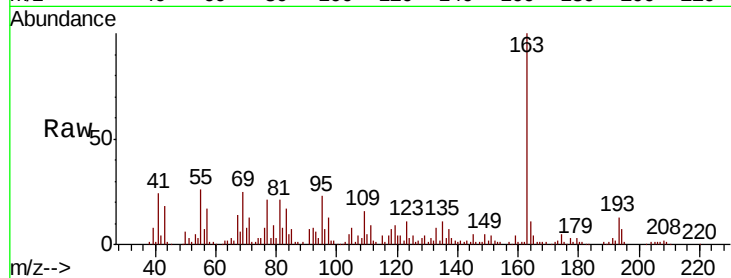
Tot Ion:163 Resp: 81197

Ion Ratio Lower Upper

163 100

194 7.5 3.7 5.5#

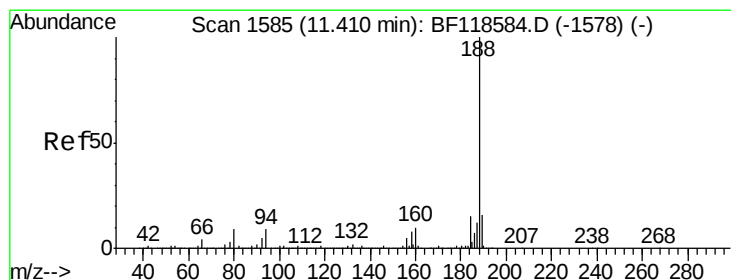
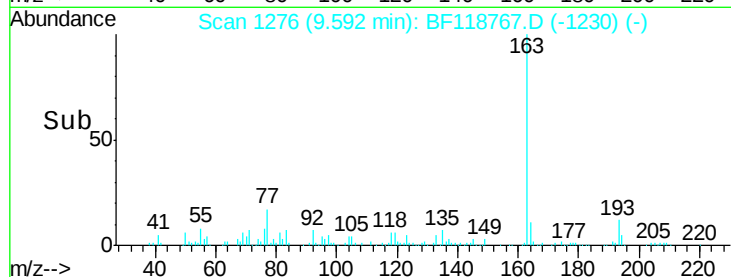
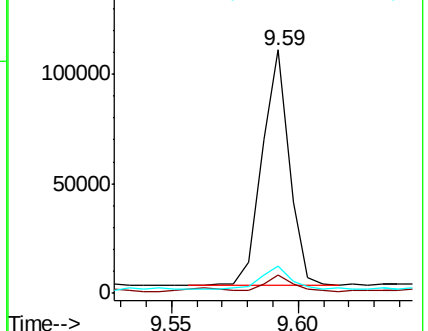
164 11.3 8.2 12.2



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: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF118767.D

Acq: 30 Jan 2020 22:31

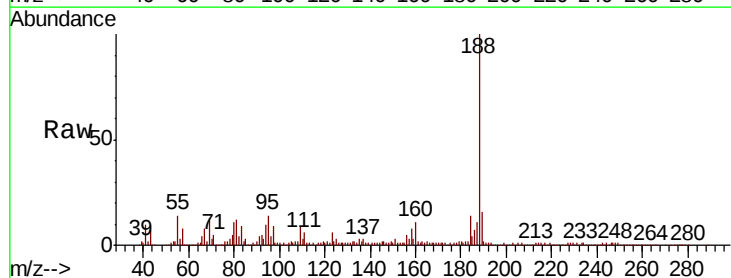
Tgt Ion:188 Resp: 700781

Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.2

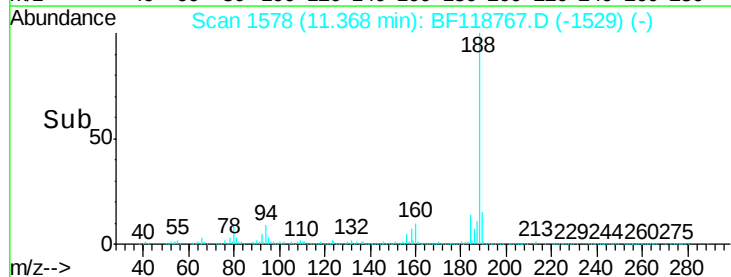
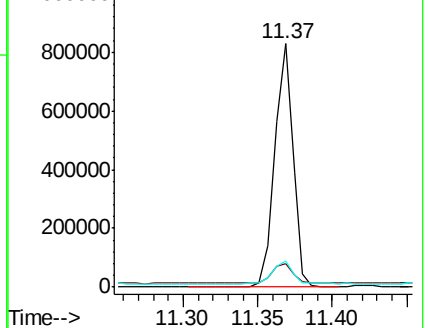
80 10.6 7.8 11.8

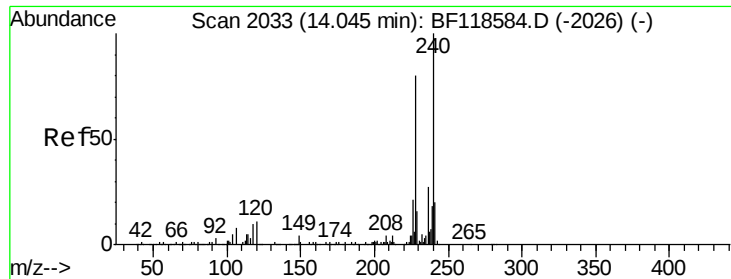


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

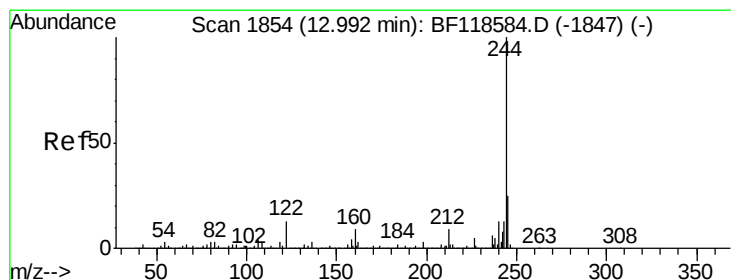
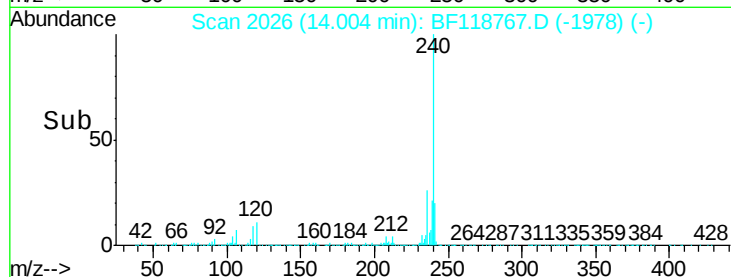
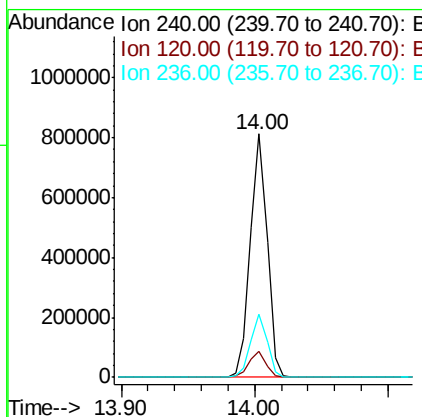
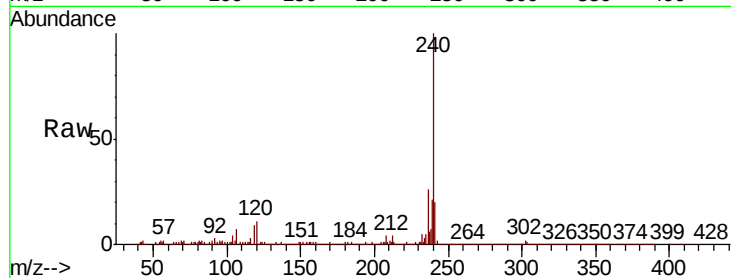




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF118767.D
 Acq: 30 Jan 2020 22:31

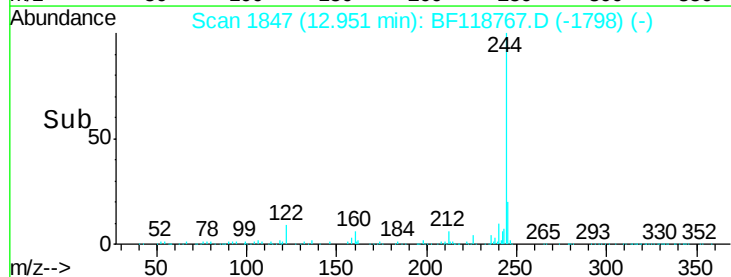
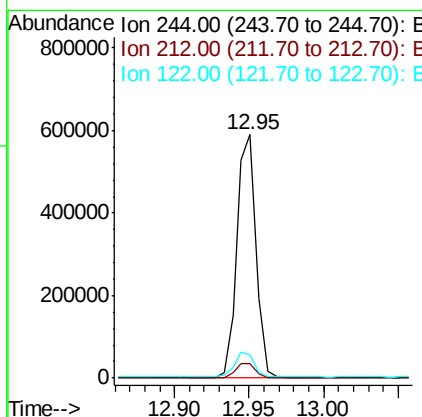
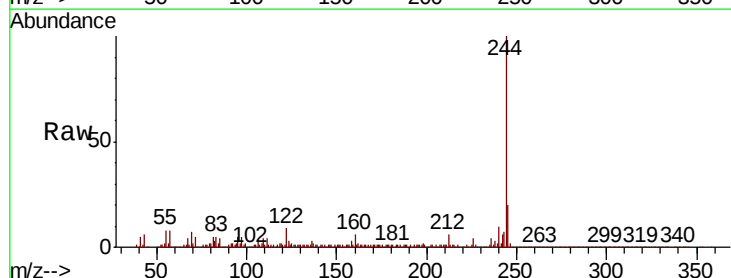
Instrument :
 BNA_F
 ClientSampled :

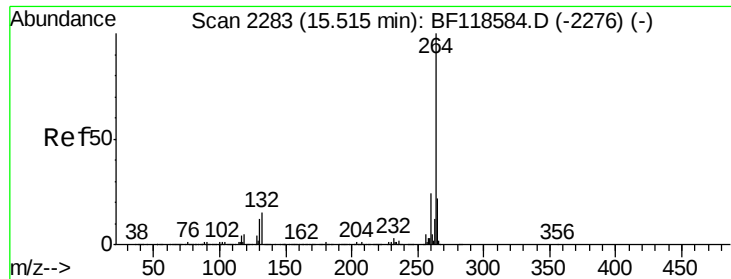
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.6	11.4
236	25.9	21.0	31.4



#79
 Terphenyl-d14
 Concen: 16.521 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF118767.D
 Acq: 30 Jan 2020 22:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.3	9.5#
122	9.4	9.2	13.8

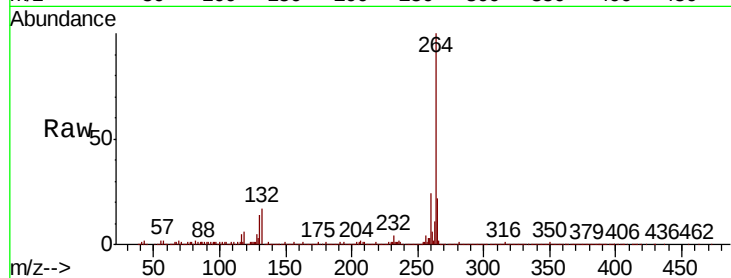




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF118767.D
Acq: 30 Jan 2020 22:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	22.0	17.0	25.6



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

