

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119184.D
 Acq On : 2 Mar 2020 22:49
 Operator : CG/JU
 Sample : L1743-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 07:22:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

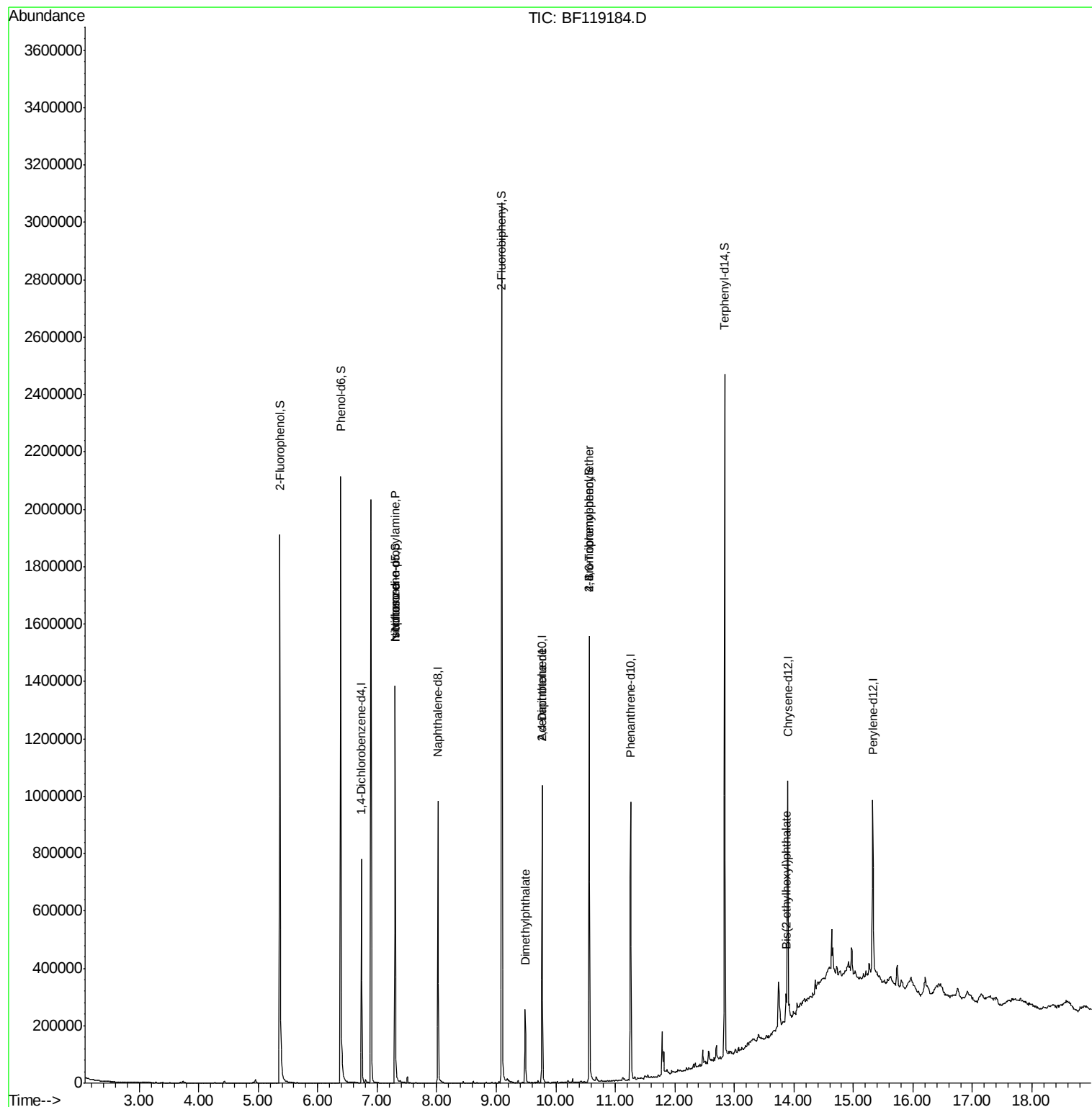
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	121241	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	461535	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	236299	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	359154	20.00	ng	0.00
76) Chrysene-d12	13.90	240	298088	20.00	ng	0.00
87) Perylene-d12	15.33	264	244360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	610057	84.09	ng	0.00
7) Phenol-d6	6.39	99	748883	84.88	ng	-0.02
23) Nitrobenzene-d5	7.30	82	491327	56.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	205382	66.44	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	982874	61.28	ng	-0.02
79) Terphenyl-d14	12.84	244	895878	51.74	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	66816	12.996	ng	# 74
25) Isophorone	7.30	82	486527	32.049	ng	# 63
50) Dimethylphthalate	9.49	163	103662	5.737	ng	100
57) 2,4-Dinitrotoluene	9.77	165	30109	5.786	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	13347	2.843	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.87	149	26584	2.089	ng	98

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

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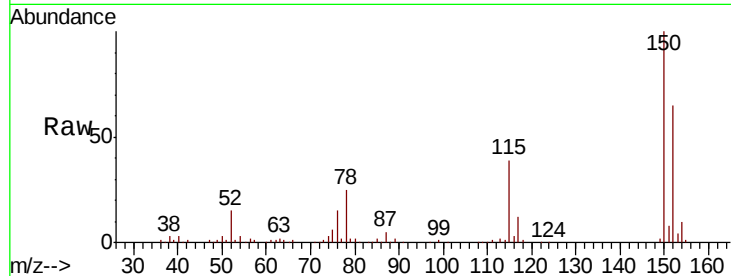


#1

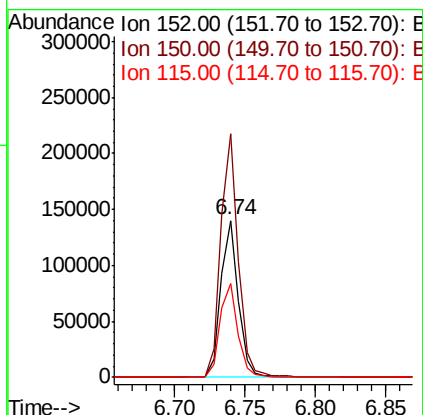
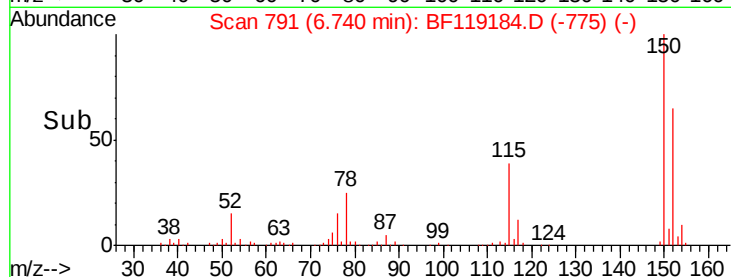
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119184.D
Acq: 2 Mar 2020 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 121241
Ion Ratio Lower Upper
152 100
150 155.0 123.0 184.6
115 59.7 49.5 74.3



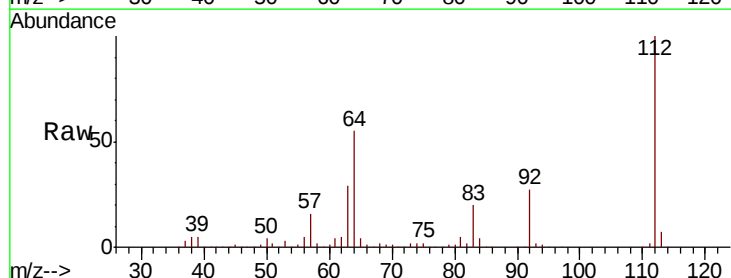
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



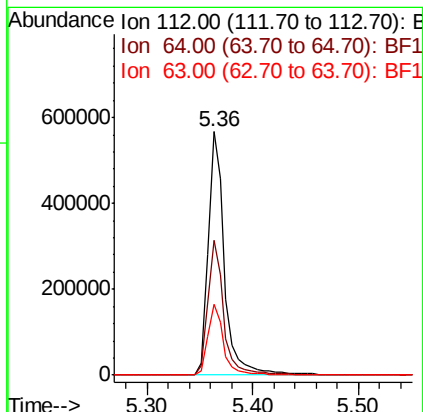
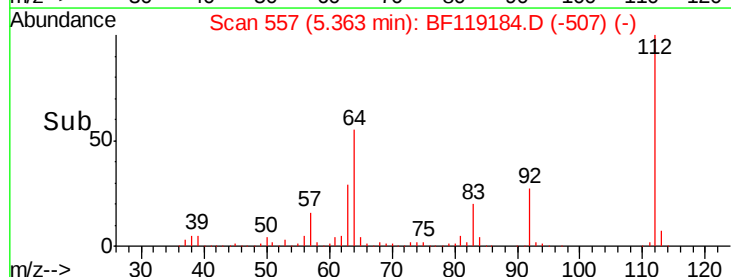
#5

2-Fluorophenol
Concen: 84.090 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF119184.D
Acq: 2 Mar 2020 22:49

Tgt Ion:112 Resp: 610057
Ion Ratio Lower Upper
112 100
64 55.2 45.0 67.4
63 29.3 24.2 36.4



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: 84.877 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119184.D

Acq: 2 Mar 2020 22:49

Instrument :

BNA_F

ClientSampled :

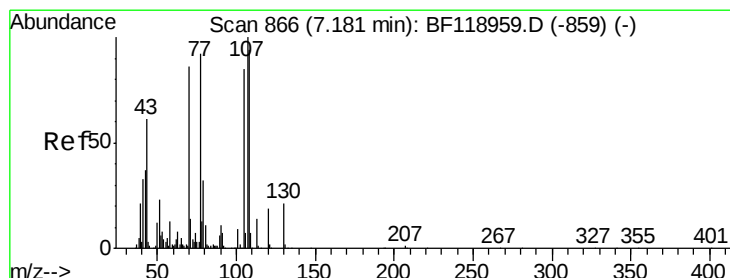
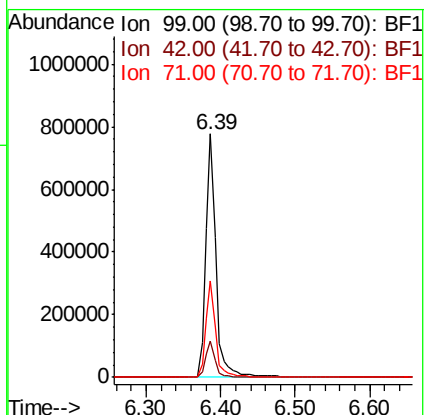
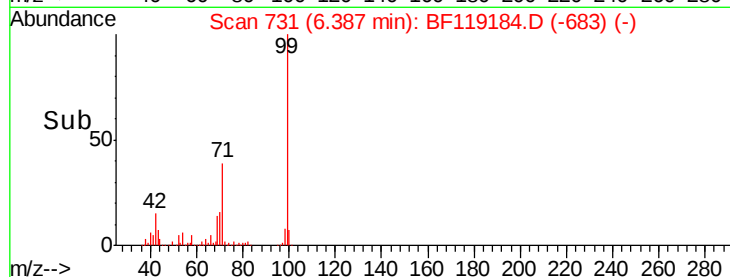
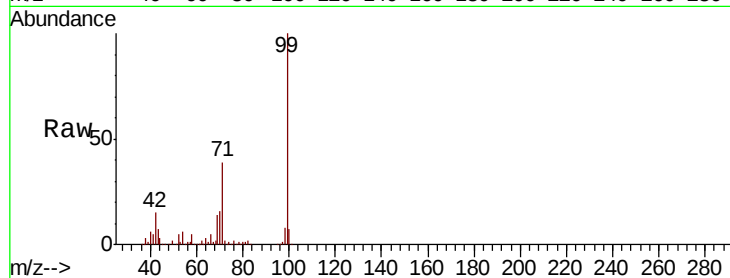
Tot Ion: 99 Resp: 748883

Ion Ratio Lower Upper

99 100

42 15.1 12.6 18.8

71 39.4 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.996 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF119184.D

Acq: 2 Mar 2020 22:49

Tgt Ion: 70 Resp: 66816

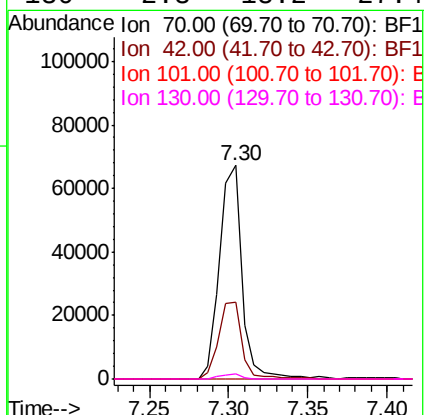
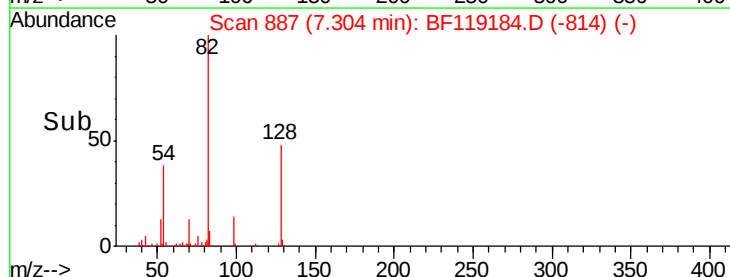
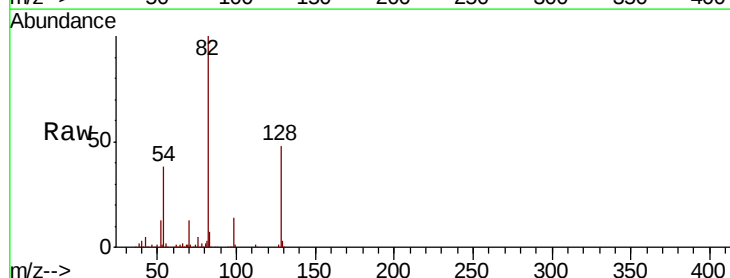
Ion Ratio Lower Upper

70 100

42 35.7 38.0 57.0#

101 0.0 8.2 12.4#

130 2.3 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119184.D

Acq: 2 Mar 2020 22:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 461535

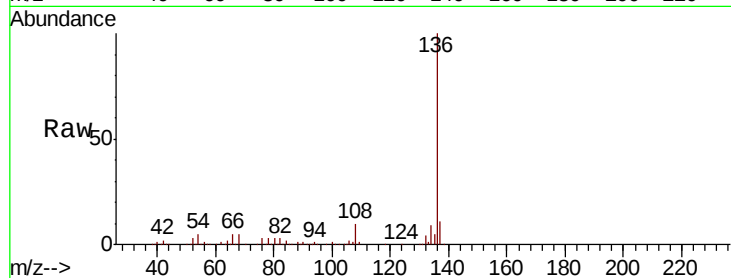
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 4.7 3.8 5.6

68 4.8 3.9 5.9

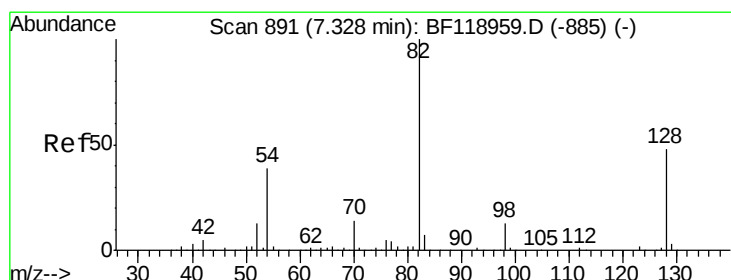
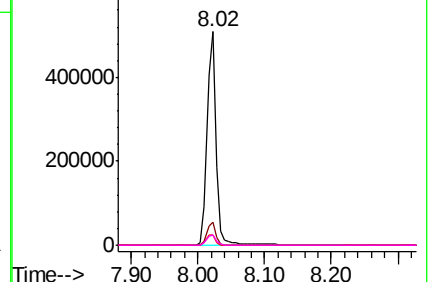
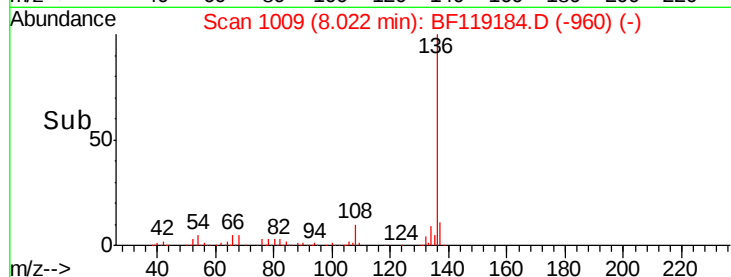


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.208 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF119184.D

Acq: 2 Mar 2020 22:49

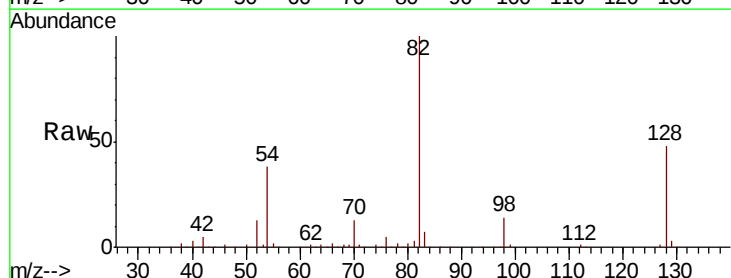
Tgt Ion: 82 Resp: 491327

Ion Ratio Lower Upper

82 100

128 47.7 37.9 56.9

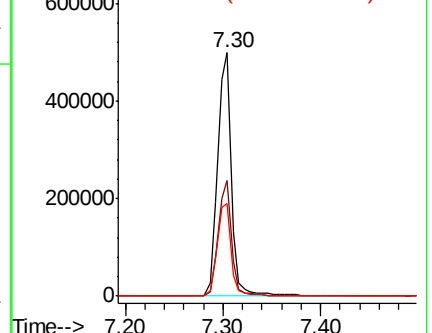
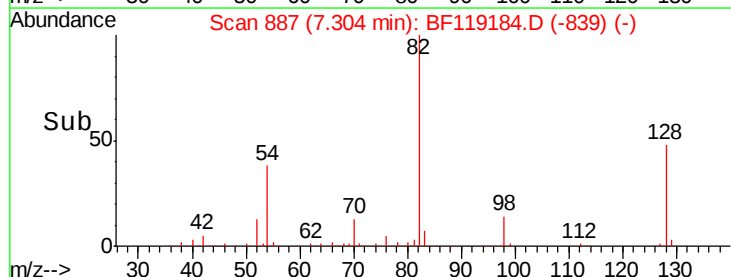
54 38.0 33.4 50.2



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





#25

Isophorone

Concen: 32.049 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF119184.D

Acq: 2 Mar 2020 22:49

Instrument :

BNA_F

ClientSampleId :

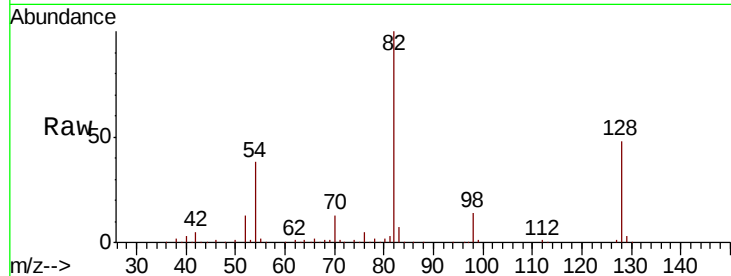
Tot Ion: 82 Resp: 486527

Ion Ratio Lower Upper

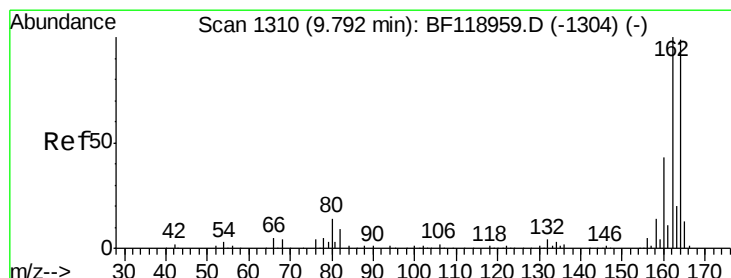
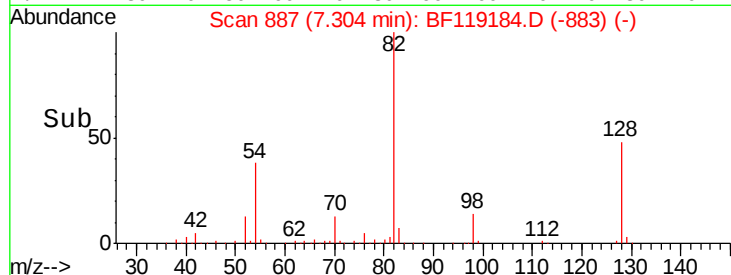
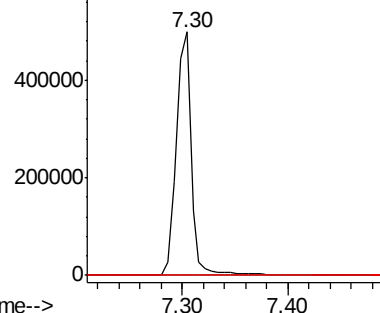
82 100

95 0.0 6.4 9.6#

138 0.0 15.7 23.5#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119184.D

Acq: 2 Mar 2020 22:49

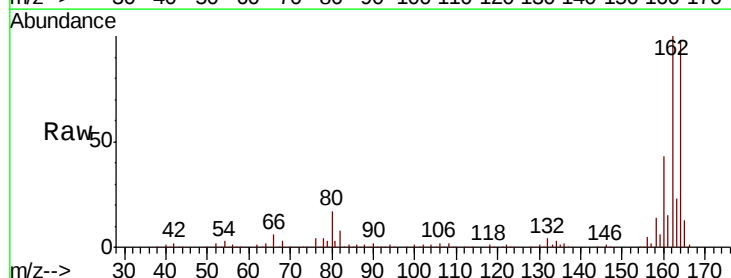
Tgt Ion:164 Resp: 236299

Ion Ratio Lower Upper

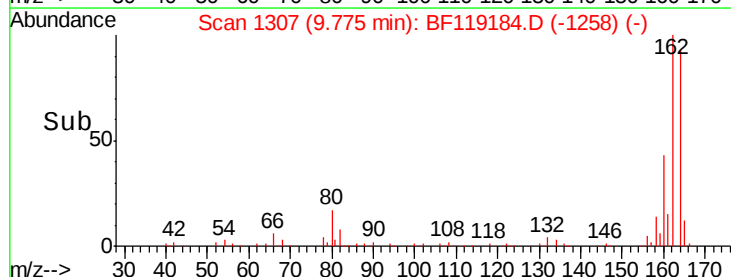
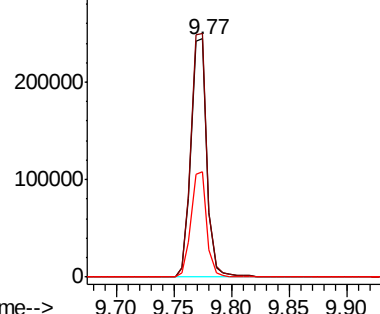
164 100

162 102.3 81.8 122.8

160 44.1 36.0 54.0



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

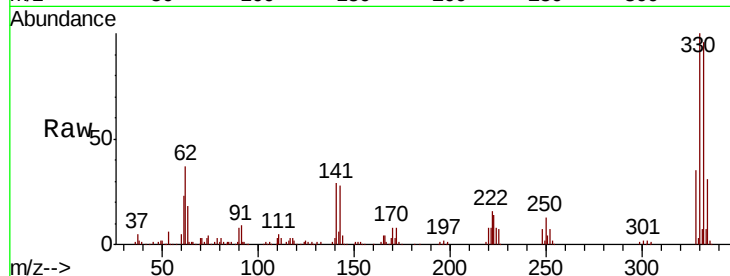




#42
 2,4,6-Tribromophenol
 Concen: 66.441 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119184.D
 Acq: 2 Mar 2020 22:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.0	114.0
141	30.7	22.9	34.3

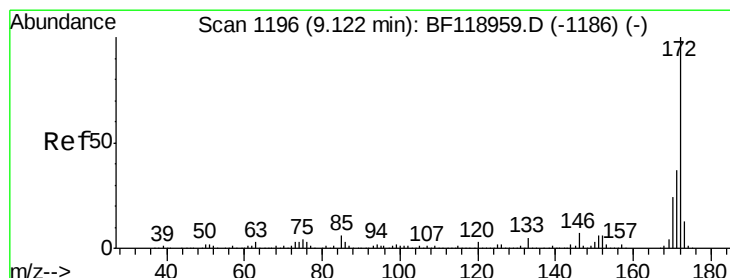
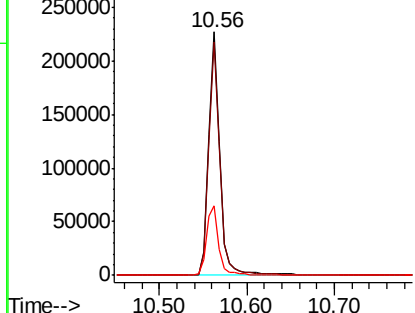
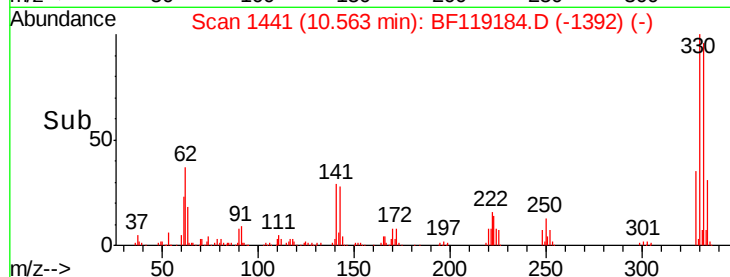


Abundance

Ion 329.80 (329.50 to 330.50): E

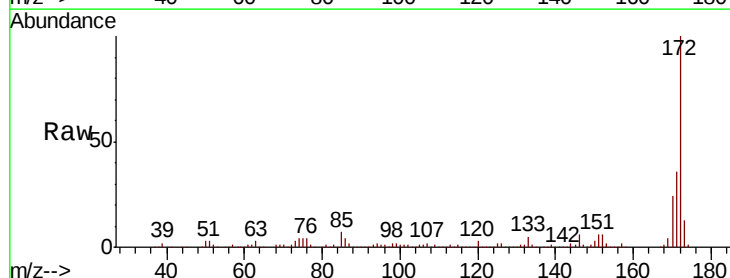
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 61.276 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119184.D
 Acq: 2 Mar 2020 22:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.6	45.8
170	24.0	20.2	30.2

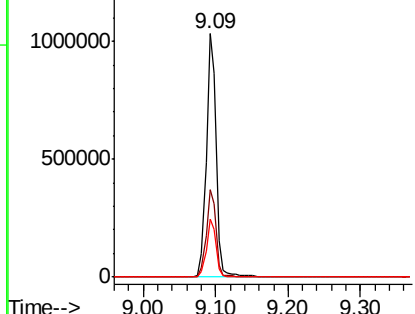
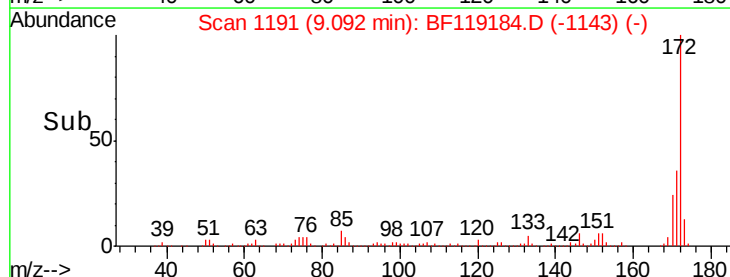


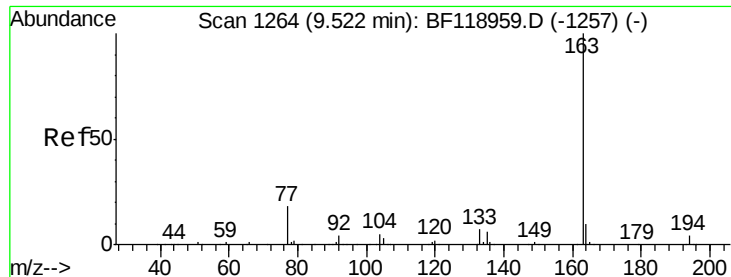
Abundance

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

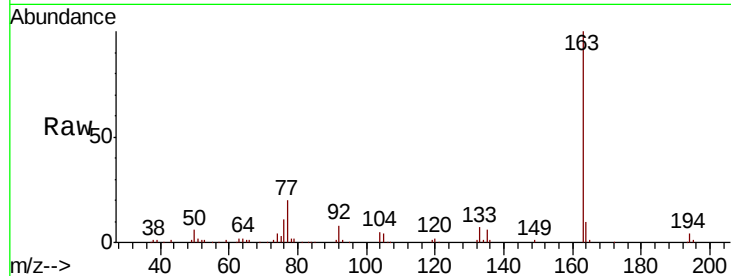




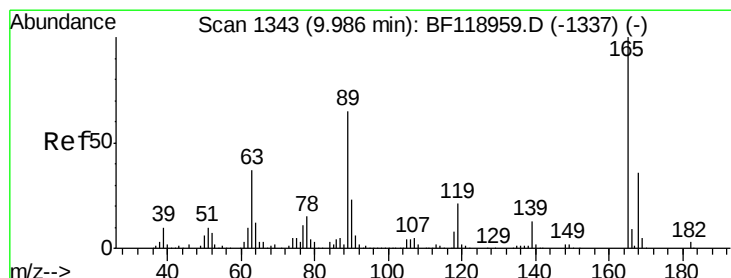
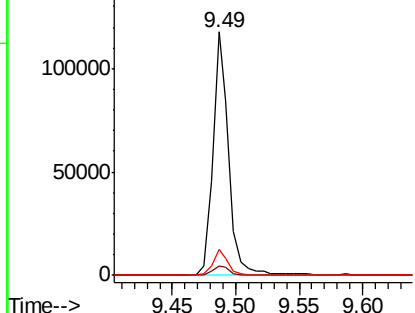
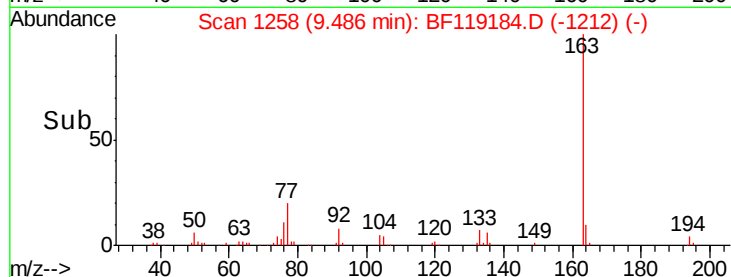
#50
Dimethylphthalate
Concen: 5.737 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF119184.D
Acq: 2 Mar 2020 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 103662
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.4 8.4 12.6

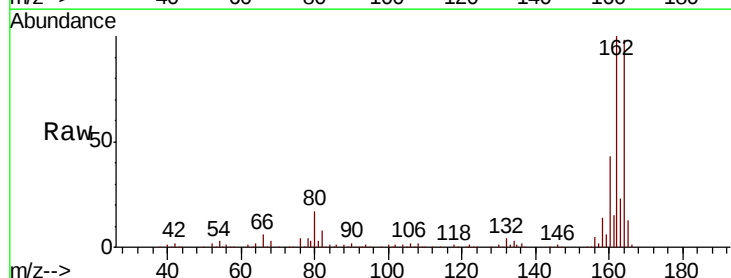


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

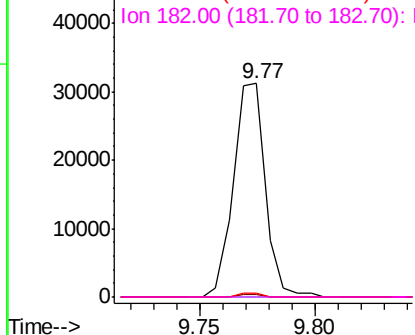
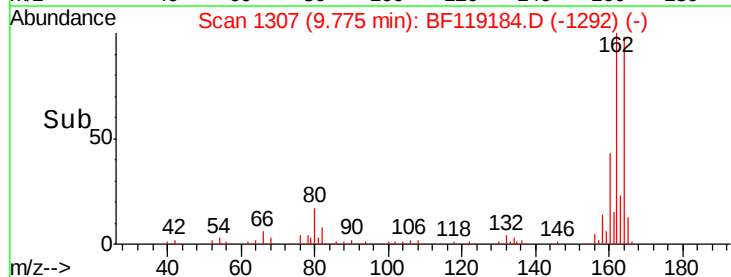


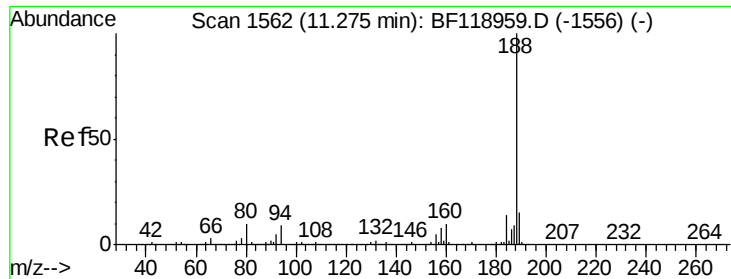
#57
2,4-Dinitrotoluene
Concen: 5.786 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.21 min
Lab File: BF119184.D
Acq: 2 Mar 2020 22:49

Tgt Ion:165 Resp: 30109
Ion Ratio Lower Upper
165 100
63 1.1 42.3 63.5#
89 1.7 60.2 90.4#
182 0.0 2.3 3.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

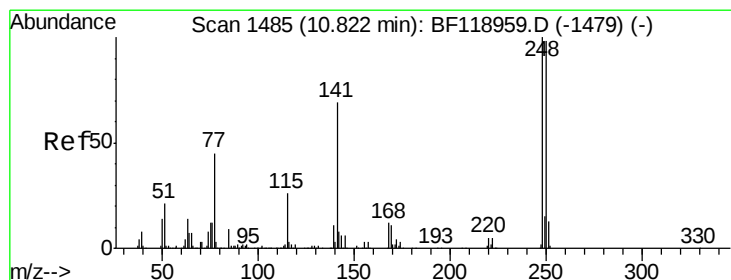
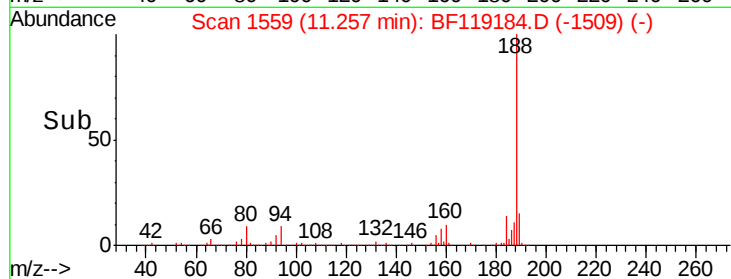
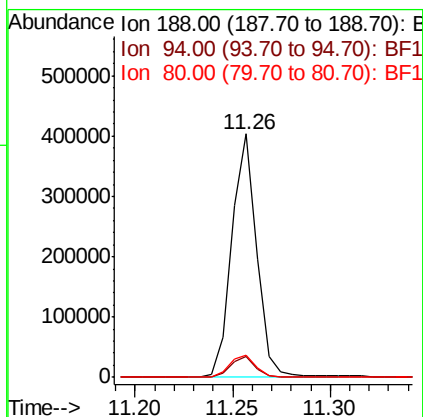
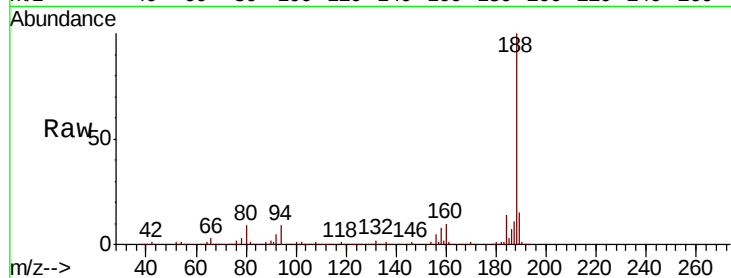




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119184.D
Acq: 2 Mar 2020 22:49

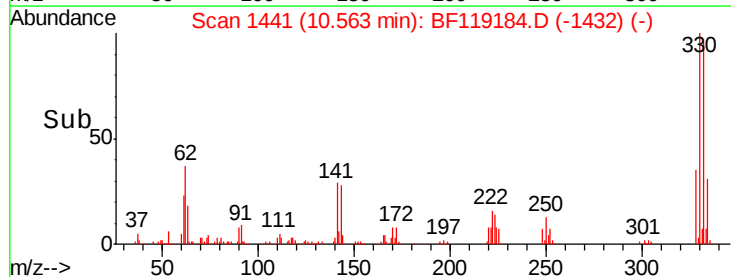
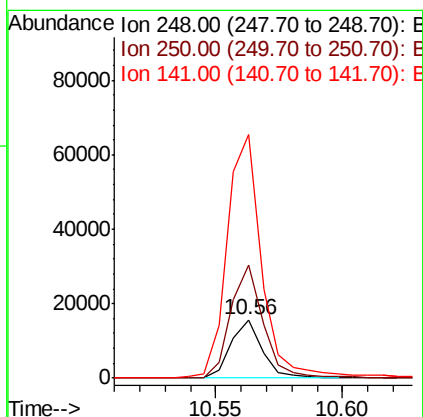
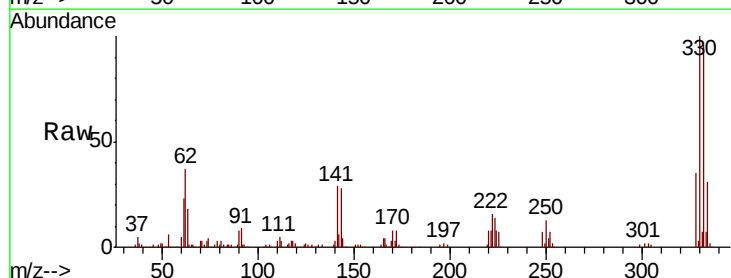
Instrument :
BNA_F
ClientSampled :

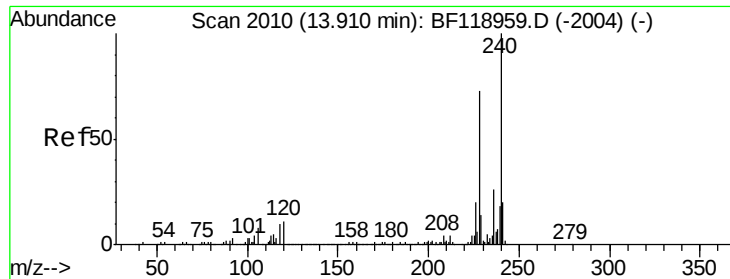
Tot Ion:188 Resp: 359154
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 9.1 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 2.843 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF119184.D
Acq: 2 Mar 2020 22:49

Tgt Ion:248 Resp: 13347
Ion Ratio Lower Upper
248 100
250 193.1 76.7 115.1#
141 418.0 60.7 91.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119184.D

Acq: 2 Mar 2020 22:49

Instrument :

BNA_F

ClientSampleId :

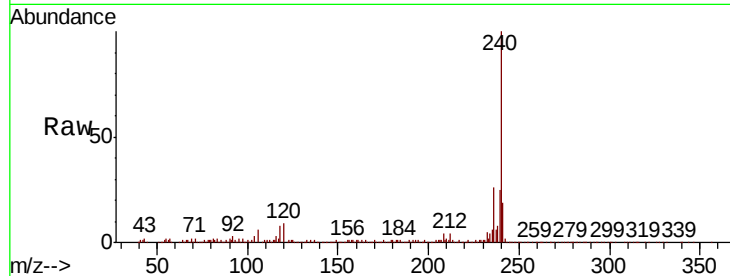
Tot Ion:240 Resp: 298088

Ion Ratio Lower Upper

240 100

120 8.8 8.4 12.6

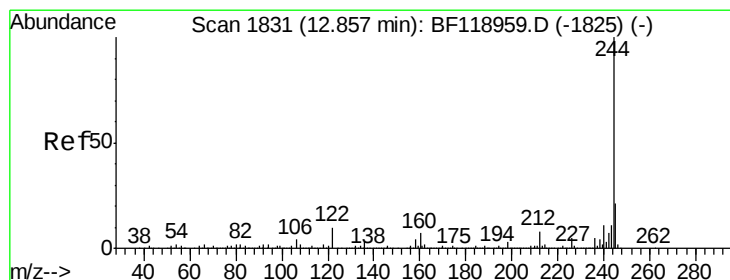
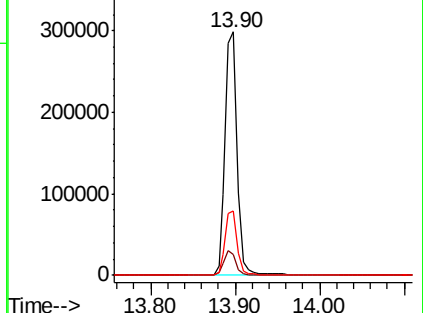
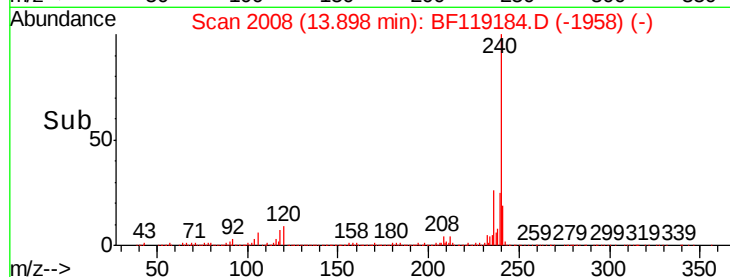
236 26.5 21.0 31.4



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: 51.743 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119184.D

Acq: 2 Mar 2020 22:49

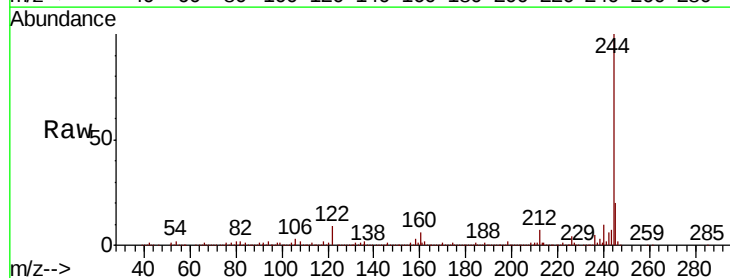
Tgt Ion:244 Resp: 895878

Ion Ratio Lower Upper

244 100

212 6.7 6.6 10.0

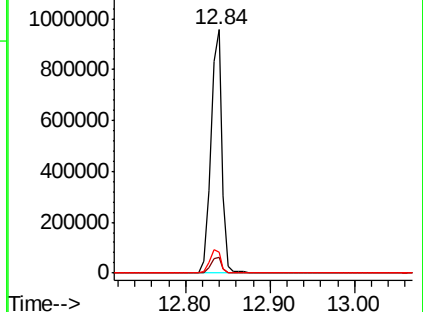
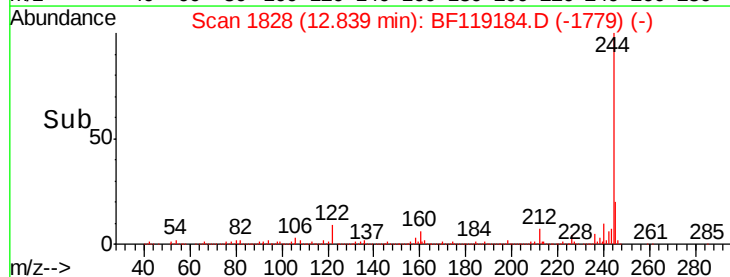
122 8.7 8.2 12.2

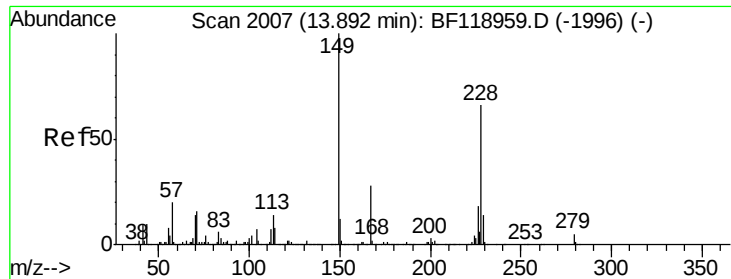


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.089 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF119184.D

Acq: 2 Mar 2020 22:49

Instrument :

BNA_F

ClientSampleId :

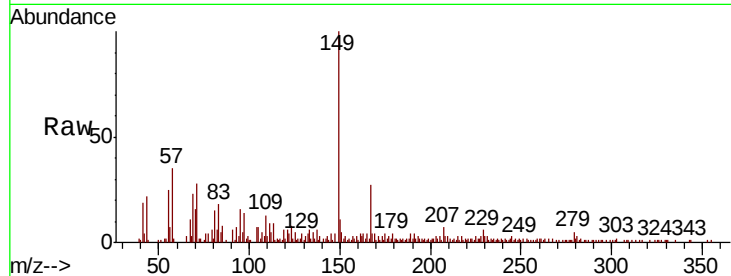
Tot Ion:149 Resp: 26584

Ion Ratio Lower Upper

149 100

167 27.1 22.8 34.2

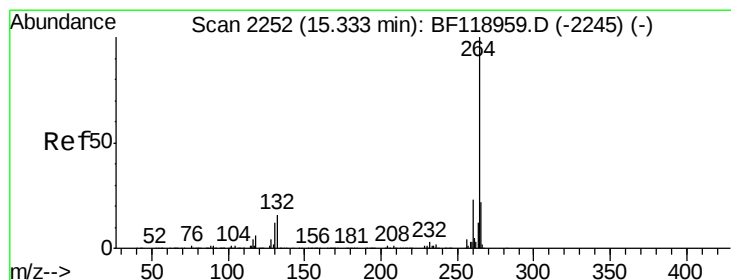
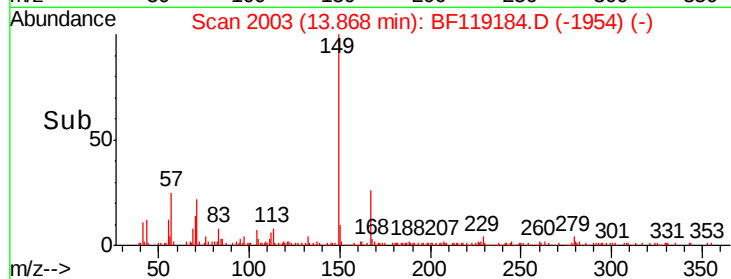
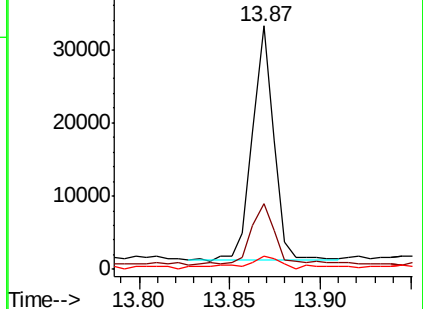
279 5.3 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.01 min

Lab File: BF119184.D

Acq: 2 Mar 2020 22:49

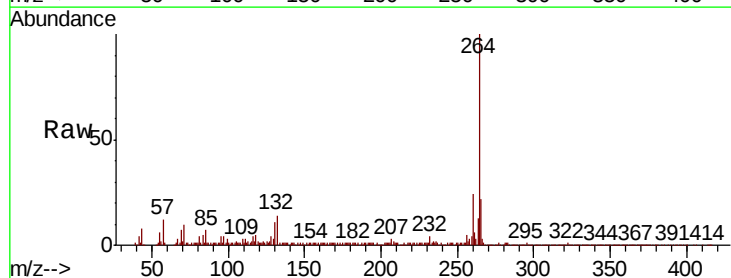
Tgt Ion:264 Resp: 244360

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.8 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

