

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119334.D
 Acq On : 11 Mar 2020 5:02
 Operator : CG/JU
 Sample : PB127427TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 07:42:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

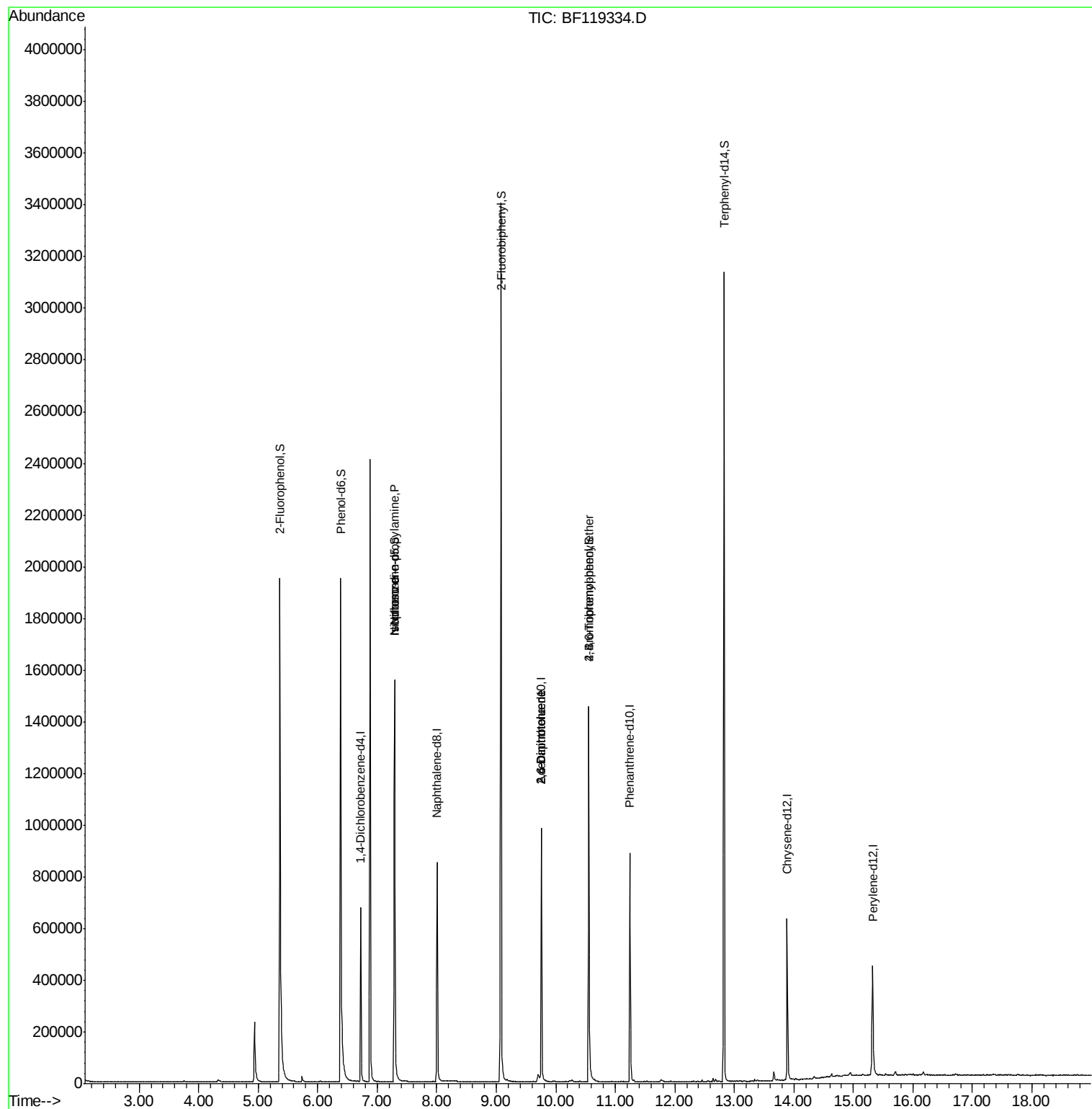
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	116278	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	444875	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	223133	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	356860	20.00	ng	0.00
76) Chrysene-d12	13.89	240	257486	20.00	ng	0.00
87) Perylene-d12	15.32	264	238202	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	739558	106.29	ng	0.01
7) Phenol-d6	6.39	99	893554	105.60	ng	0.00
23) Nitrobenzene-d5	7.29	82	566940	67.29	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	220441	75.52	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1136237	75.02	ng	0.00
79) Terphenyl-d14	12.83	244	1108318	74.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	80052	16.235	ng	# 74
25) Isophorone	7.29	82	566940	38.744	ng	# 63
51) 2,6-Dinitrotoluene	9.76	165	28906	7.625	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	28906	5.883	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	14129	3.029	ng	# 1

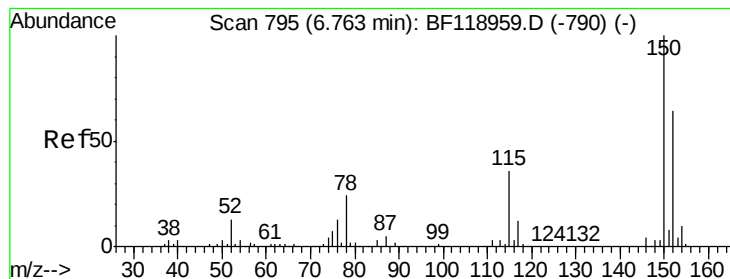
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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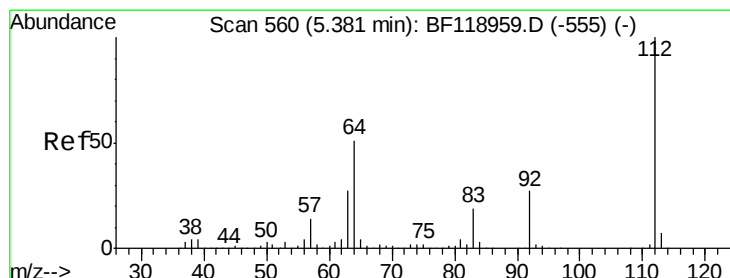
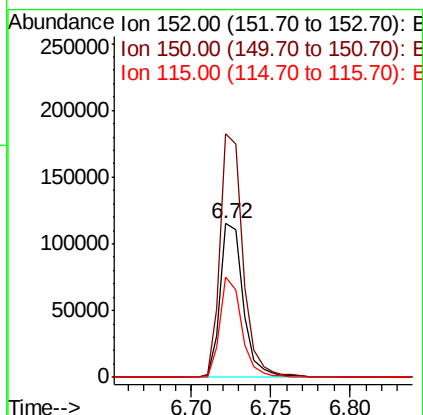
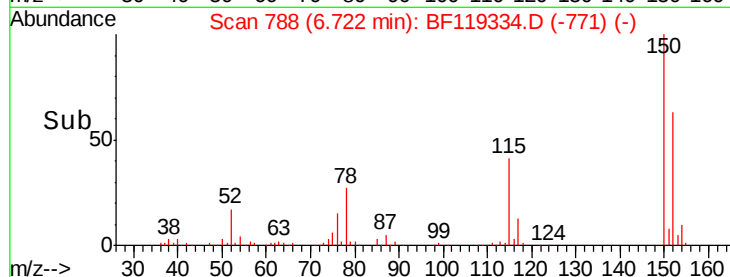
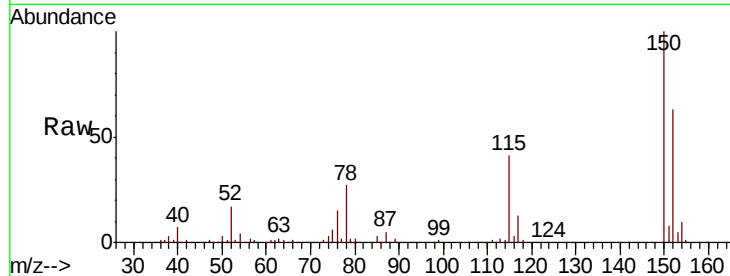


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119334.D
Acq: 11 Mar 2020 5:02

Instrument :
BNA_F
ClientSampleId :

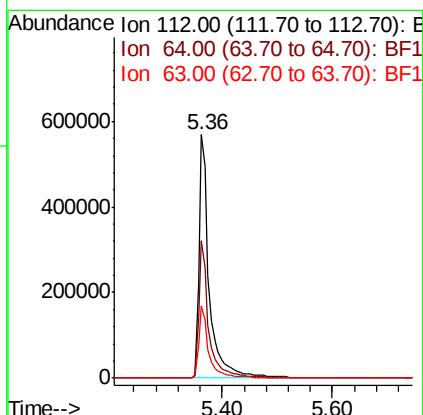
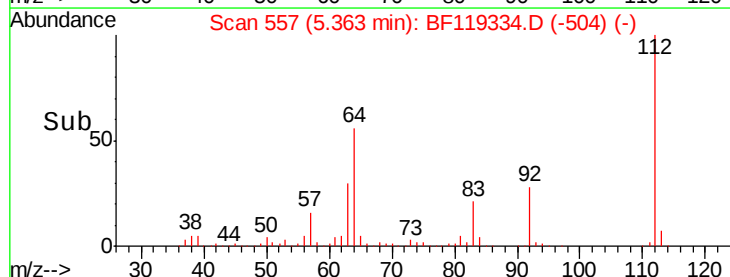
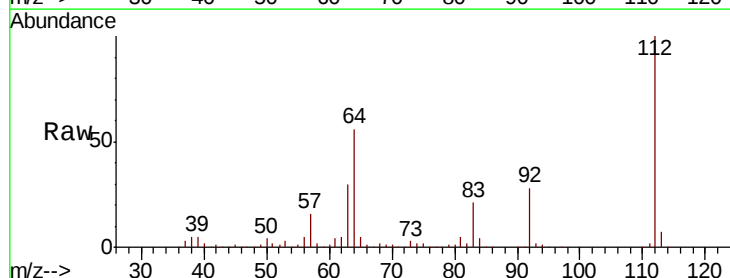
Tot Ion:152 Resp: 116278
Ion Ratio Lower Upper
152 100
150 158.7 123.0 184.6
115 65.4 49.5 74.3

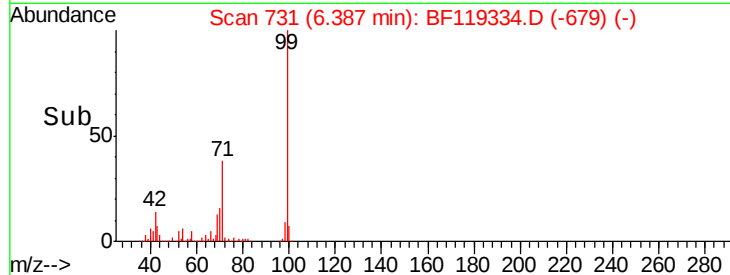
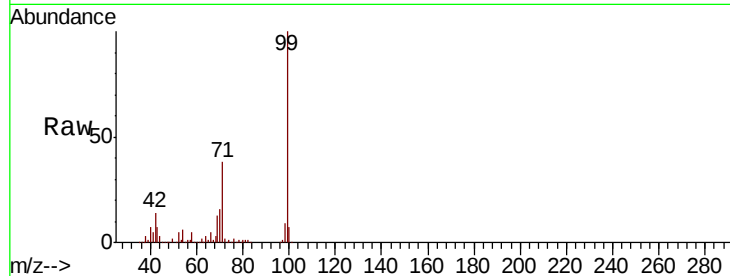


#5

2-Fluorophenol
Concen: 106.291 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119334.D
Acq: 11 Mar 2020 5:02

Tgt Ion:112 Resp: 739558
Ion Ratio Lower Upper
112 100
64 56.2 45.0 67.4
63 29.8 24.2 36.4

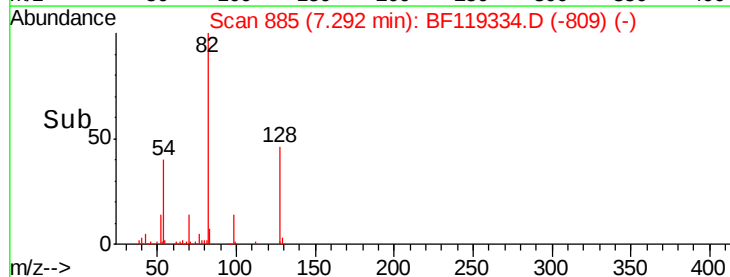
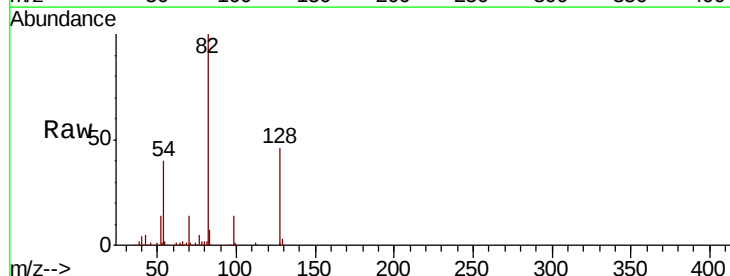
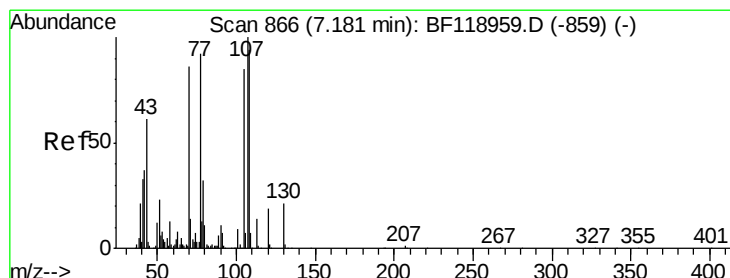
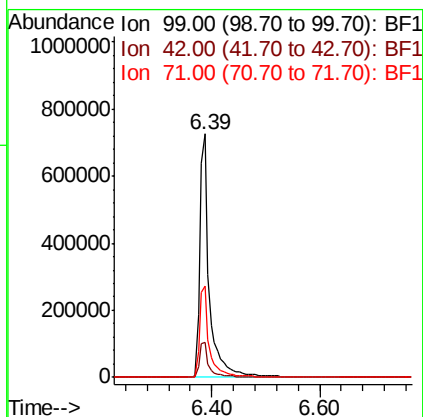




#7
Phenol-d6
Concen: 105.596 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF119334.D
Acq: 11 Mar 2020 5:02

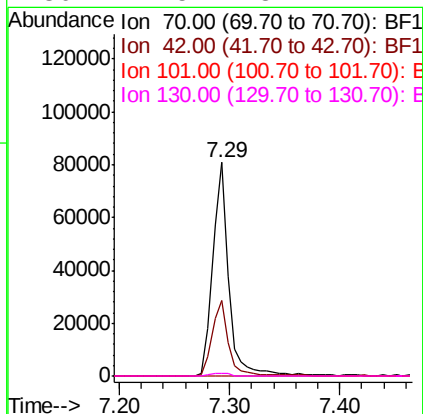
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.6	18.8
71	37.5	31.0	46.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.235 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119334.D
Acq: 11 Mar 2020 5:02

Tgt Ion	Ratio	Lower	Upper
70	100		
42	35.7	38.0	57.0#
101	0.0	8.2	12.4#
130	1.5	18.2	27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119334.D

Acq: 11 Mar 2020 5:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 444875

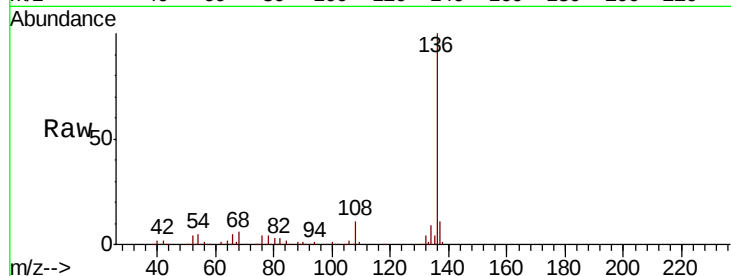
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 5.2 3.8 5.6

68 5.7 3.9 5.9

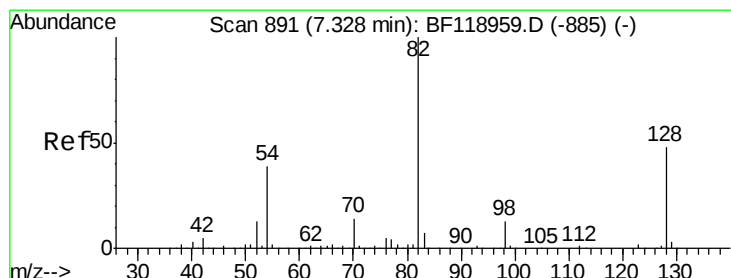
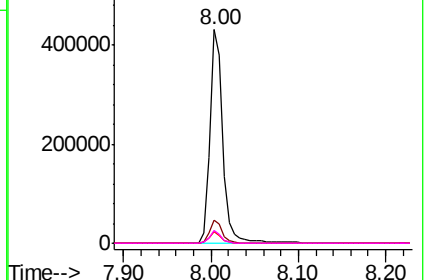
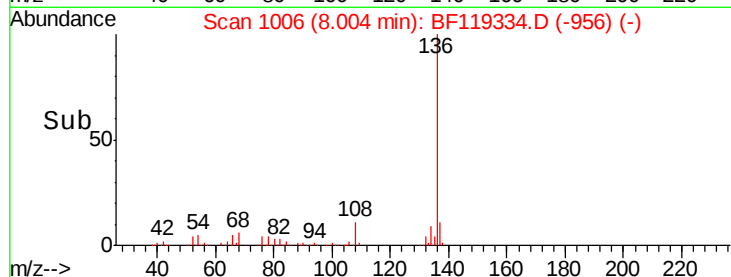


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.287 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119334.D

Acq: 11 Mar 2020 5:02

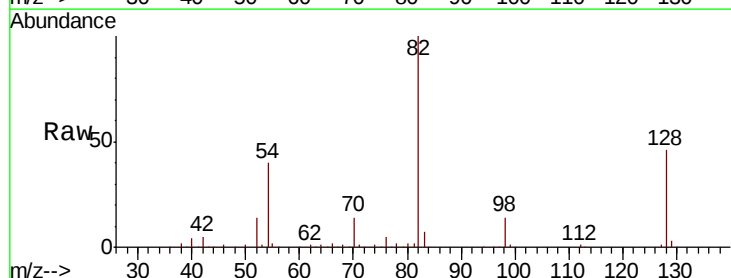
Tgt Ion: 82 Resp: 566940

Ion Ratio Lower Upper

82 100

128 46.5 37.9 56.9

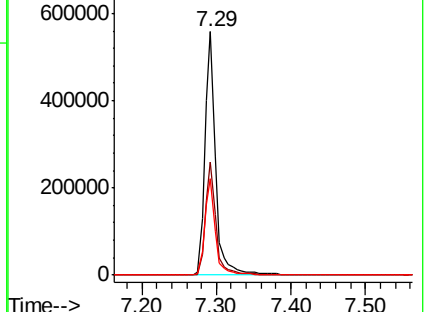
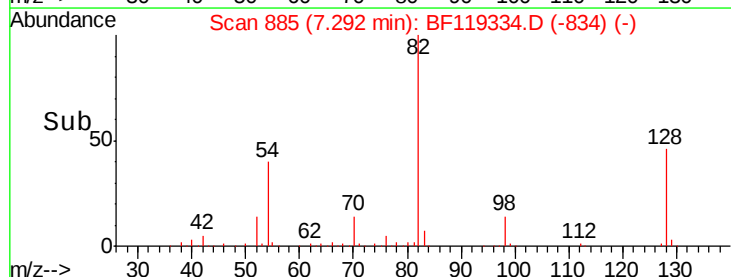
54 39.7 33.4 50.2



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: 38.744 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF119334.D

Acq: 11 Mar 2020 5:02

Instrument :

BNA_F

ClientSampleId :

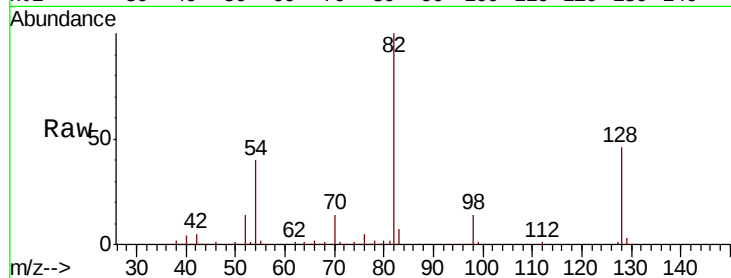
Tot Ion: 82 Resp: 566940

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

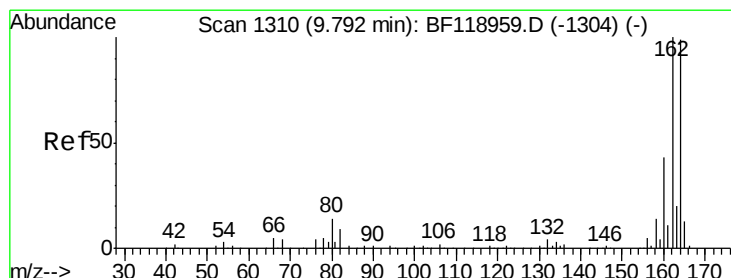
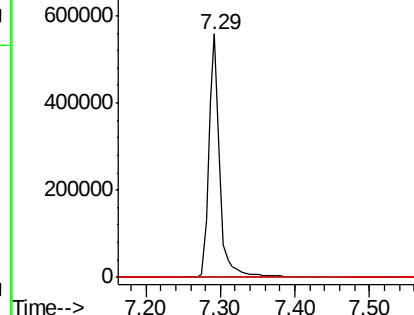
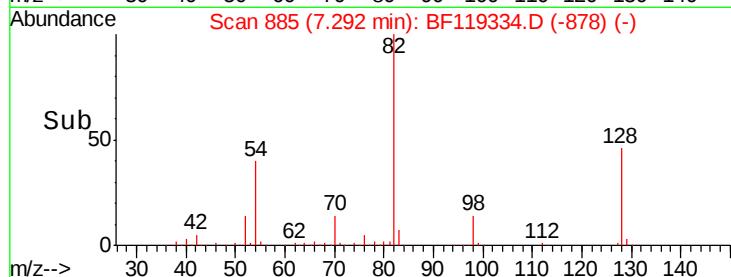
138 0.0 15.7 23.5#



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): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119334.D

Acq: 11 Mar 2020 5:02

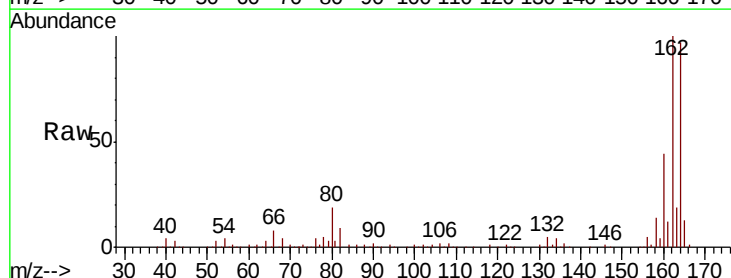
Tgt Ion: 164 Resp: 223133

Ion Ratio Lower Upper

164 100

162 103.2 81.8 122.8

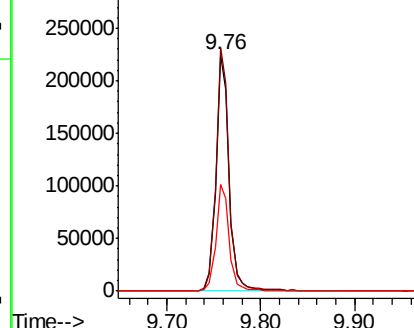
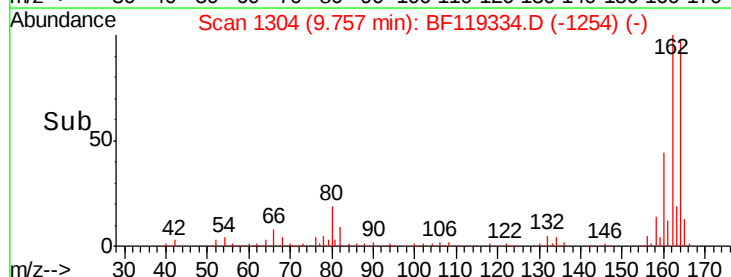
160 45.5 36.0 54.0



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

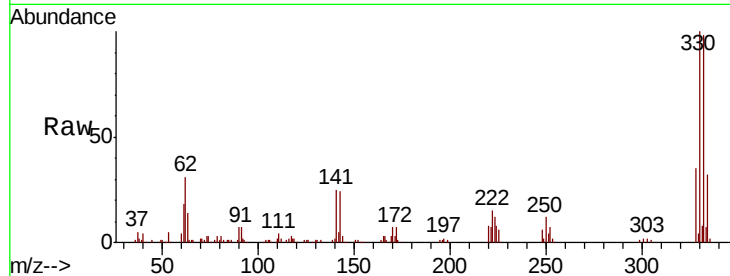




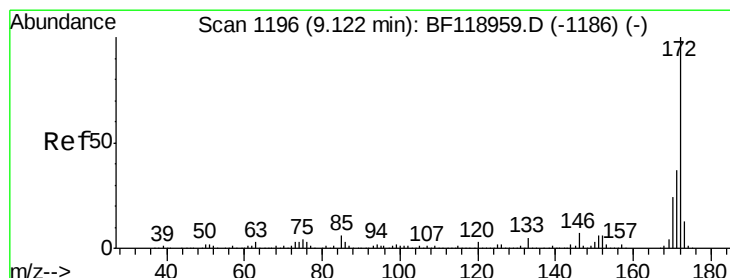
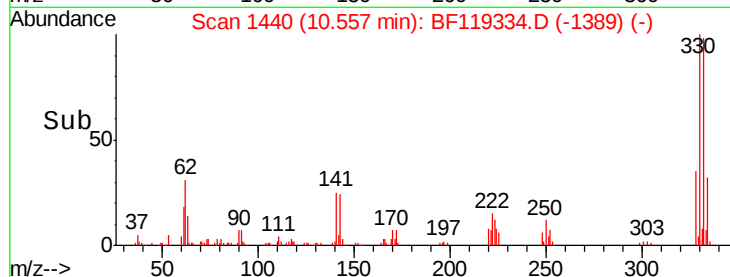
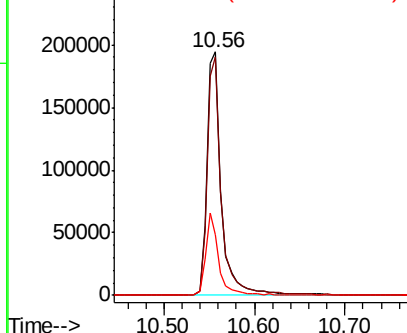
#42
 2,4,6-Tribromophenol
 Concen: 75.521 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119334.D
 Acq: 11 Mar 2020 5:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.0	114.0
141	30.7	22.9	34.3

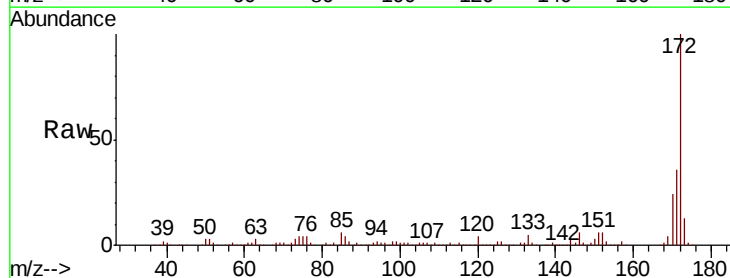


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

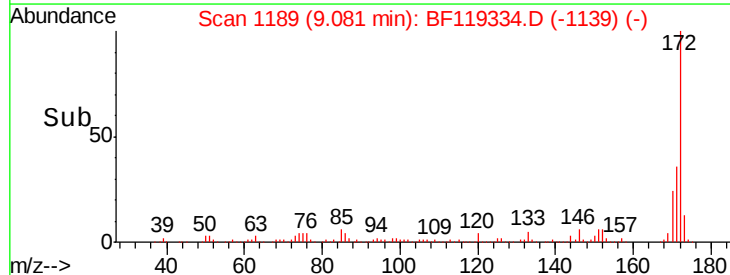
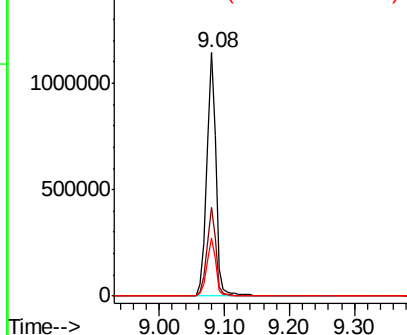


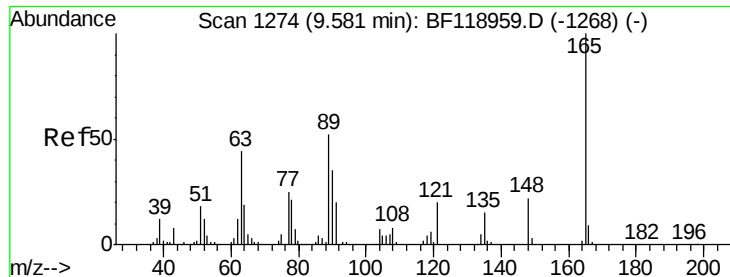
#45
 2-Fluorobiphenyl
 Concen: 75.017 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119334.D
 Acq: 11 Mar 2020 5:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.6	45.8
170	23.8	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

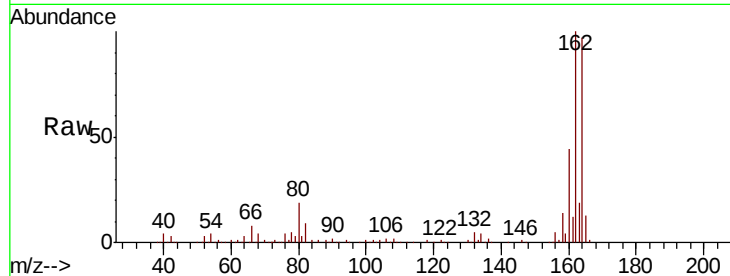




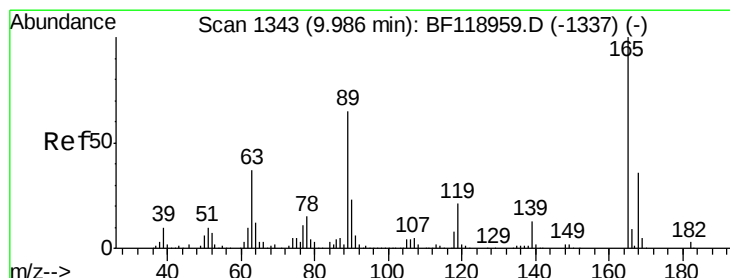
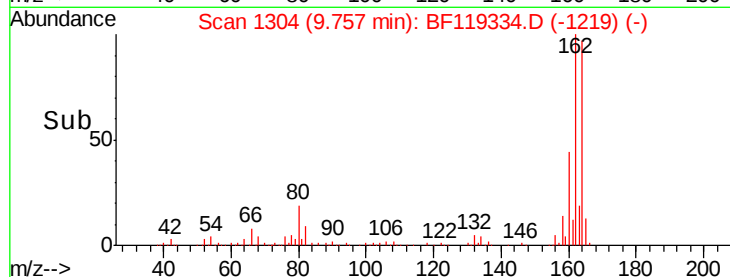
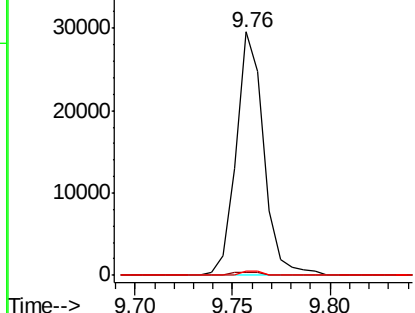
#51
 2,6-Dinitrotoluene
 Concen: 7.625 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119334.D
 Acq: 11 Mar 2020 5:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.9	38.3	57.5#



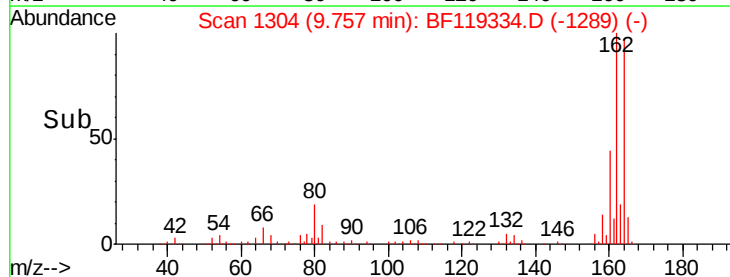
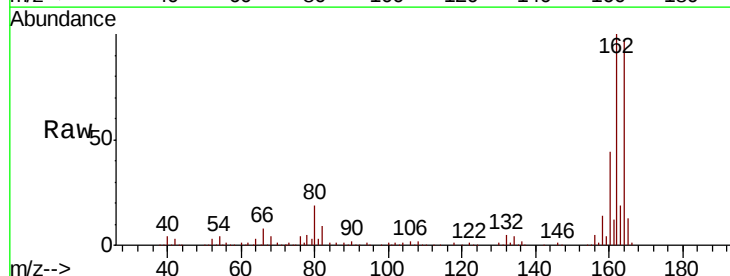
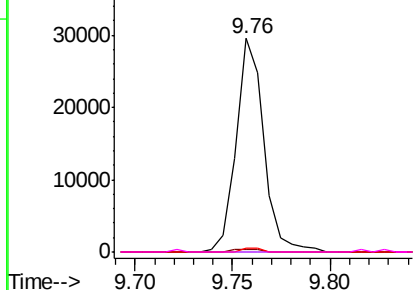
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

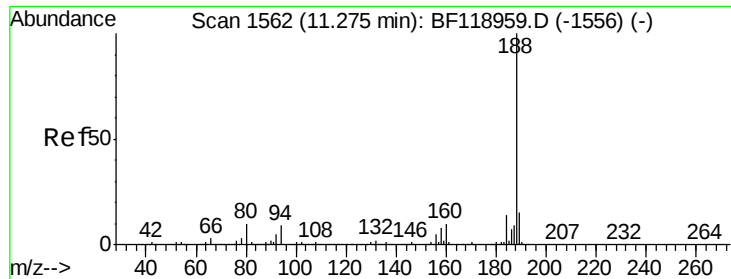


#57
 2,4-Dinitrotoluene
 Concen: 5.883 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119334.D
 Acq: 11 Mar 2020 5:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.3	63.5#
89	1.9	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: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119334.D

Acq: 11 Mar 2020 5:02

Instrument :

BNA_F

ClientSampleId :

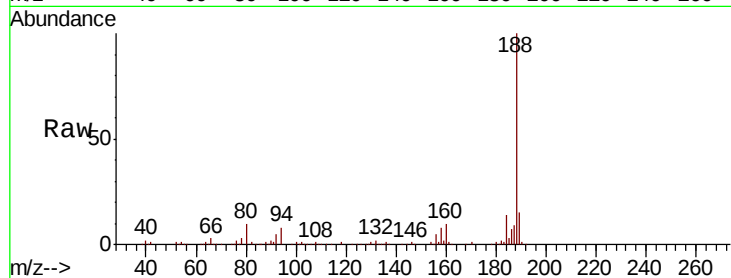
Tot Ion:188 Resp: 356860

Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

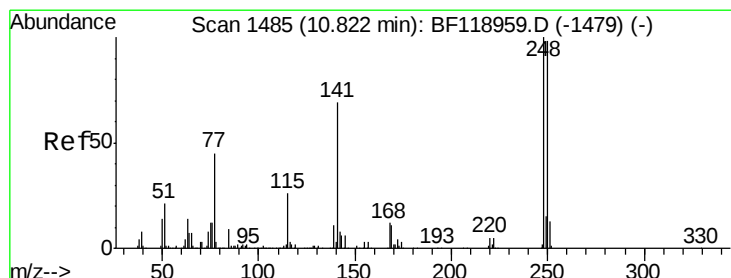
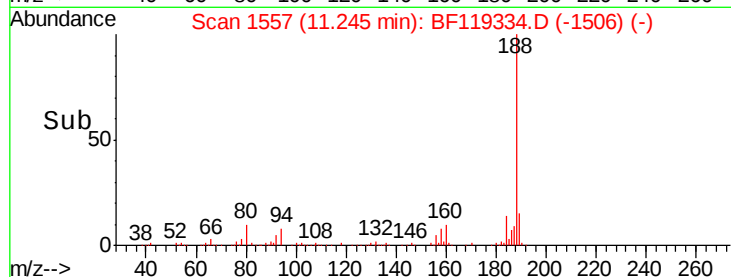
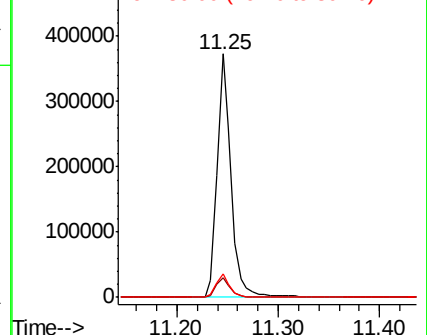
80 9.9 7.8 11.8



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



#67

4-Bromophenyl-phenylether

Concen: 3.029 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF119334.D

Acq: 11 Mar 2020 5:02

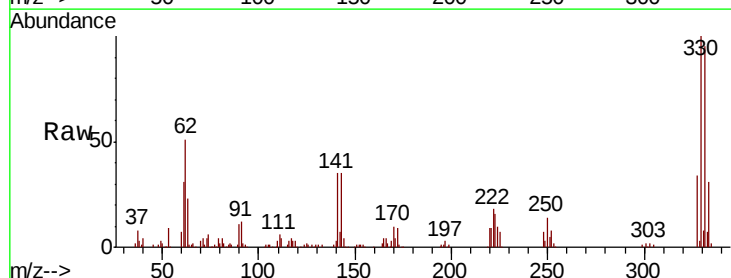
Tgt Ion:248 Resp: 14129

Ion Ratio Lower Upper

248 100

250 198.1 76.7 115.1#

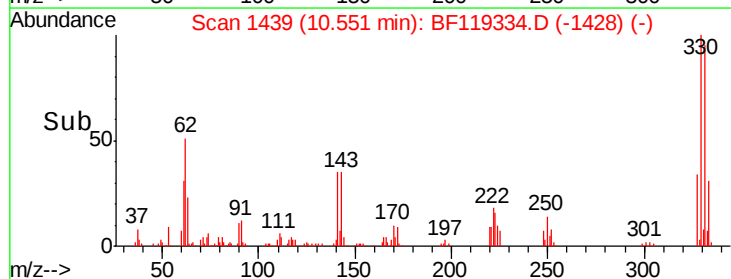
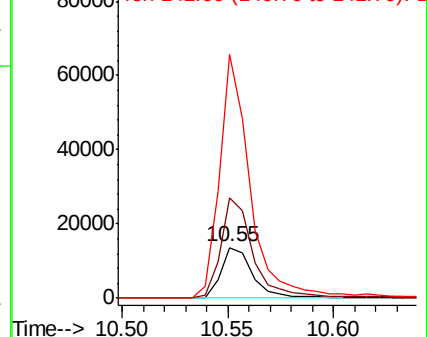
141 484.0 60.7 91.1#

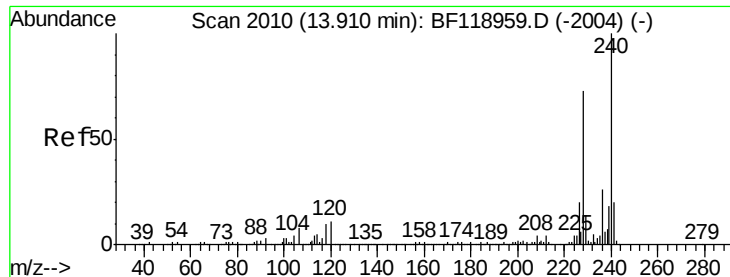


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF119334.D

Acq: 11 Mar 2020 5:02

Instrument :

BNA_F

ClientSampleId :

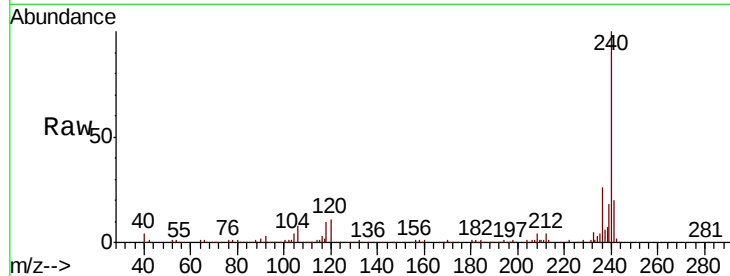
Tot Ion:240 Resp: 257486

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

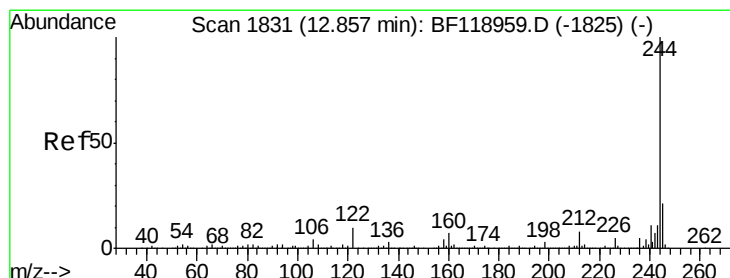
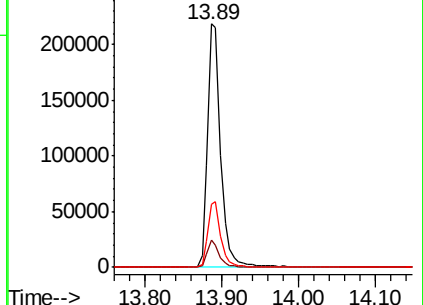
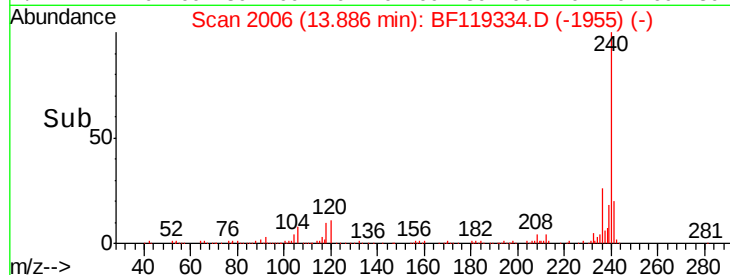
236 26.1 21.0 31.4



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: 74.107 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119334.D

Acq: 11 Mar 2020 5:02

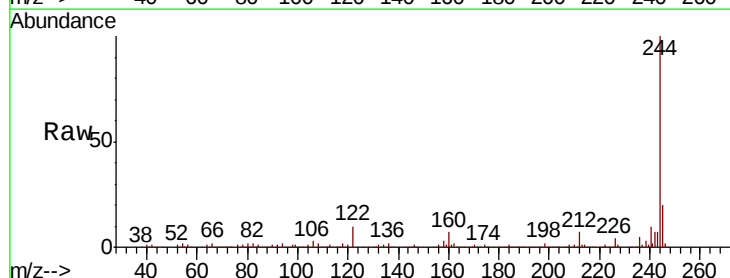
Tgt Ion:244 Resp: 1108318

Ion Ratio Lower Upper

244 100

212 6.9 6.6 10.0

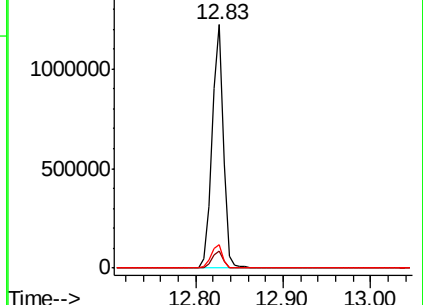
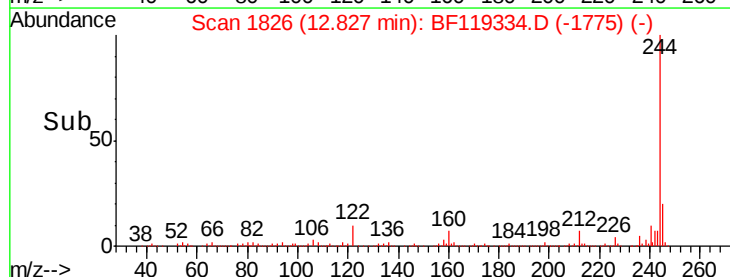
122 9.5 8.2 12.2

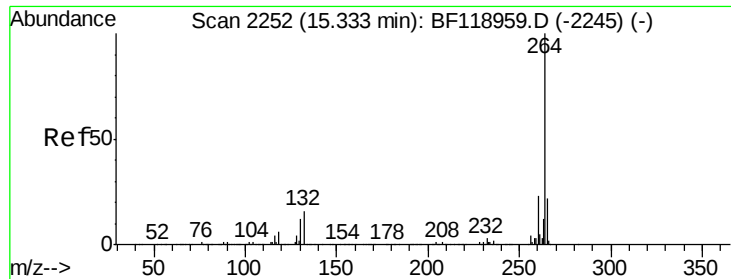


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

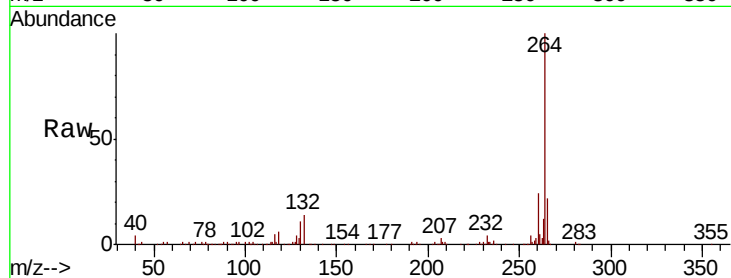




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. 0.01 min
 Lab File: BF119334.D
 Acq: 11 Mar 2020 5:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.7	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

