

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119938.D
 Acq On : 14 Apr 2020 6:38
 Operator : MA/SJ
 Sample : PB128142BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128142BL

Quant Time: Apr 14 07:44:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

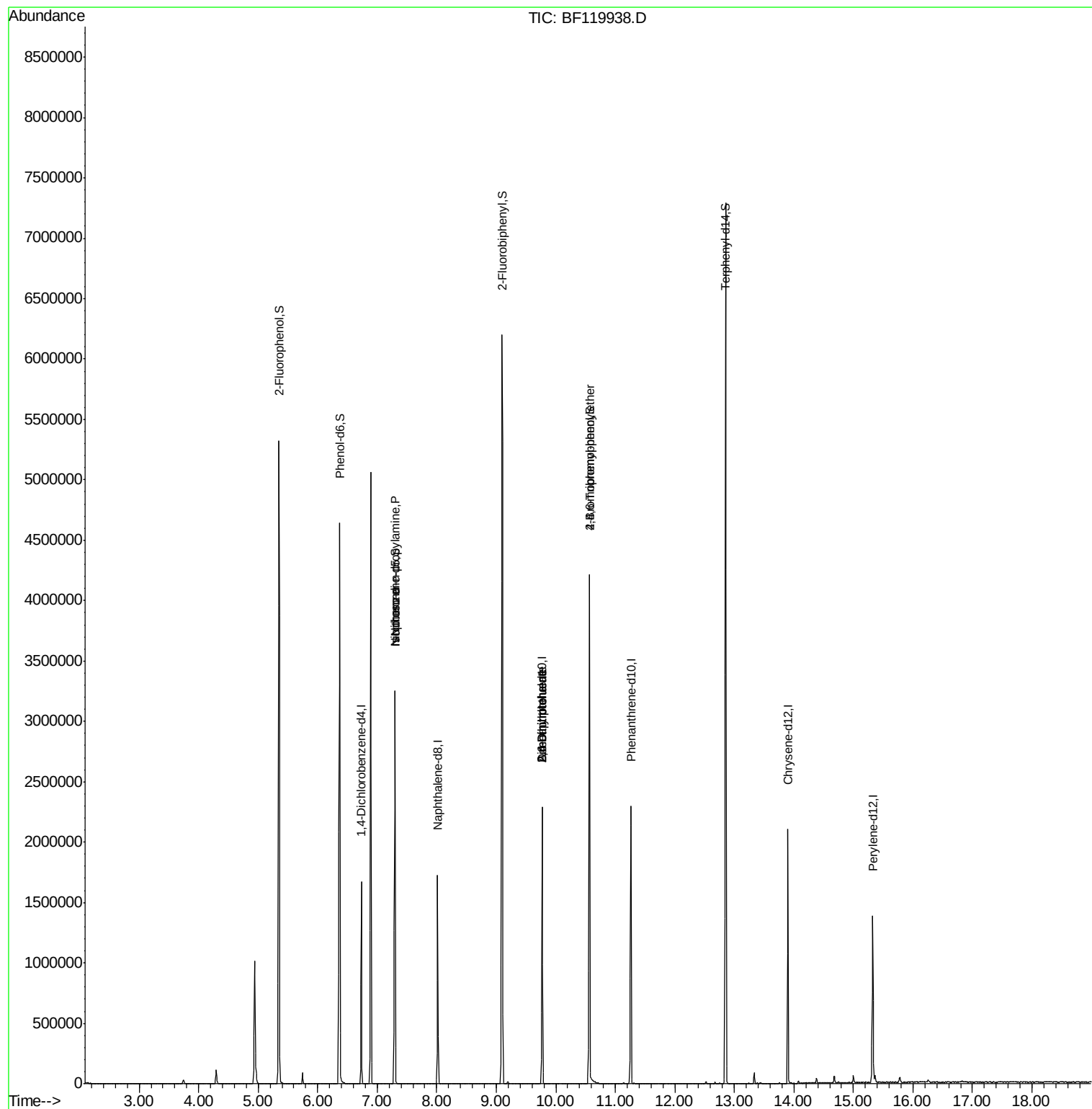
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	223680	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	871495	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	463602	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	912978	20.00	ng	0.00
76) Chrysene-d12	13.90	240	725904	20.00	ng	-0.01
87) Perylene-d12	15.33	264	636359	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1596379	123.34	ng	0.01
7) Phenol-d6	6.37	99	2002469	120.07	ng	0.00
23) Nitrobenzene-d5	7.30	82	1242874	73.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	626121	110.31	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2402340	73.57	ng	-0.01
79) Terphenyl-d14	12.86	244	3040488	70.48	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	2542	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	162466	15.149 ng	#	1
25) Isophorone	7.30	82	1240488	38.200 ng	#	76
50) Dimethylphthalate	9.77	163	104585	2.917 ng	#	65
51) 2,6-Dinitrotoluene	9.77	165	57707	7.349 ng	#	1
57) 2,4-Dinitrotoluene	9.77	165	57707	5.578 ng	#	19
67) 4-Bromophenyl-phenylether	10.57	248	36289	3.196 ng	#	22
					#	1

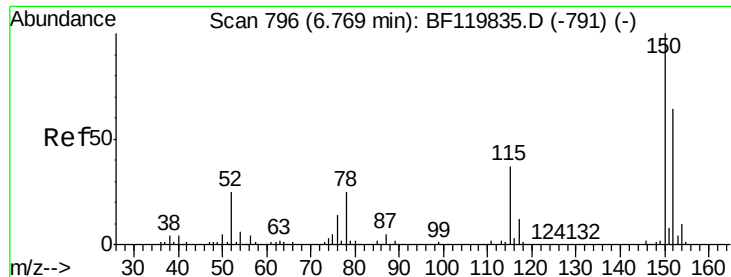
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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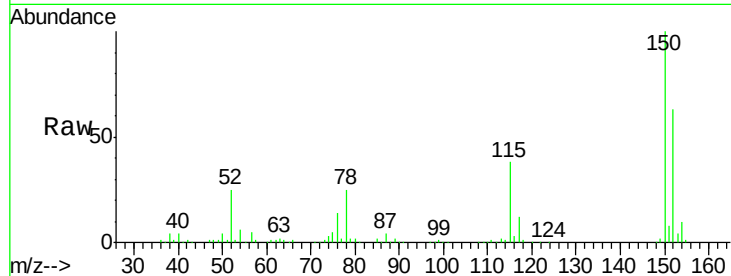


#1

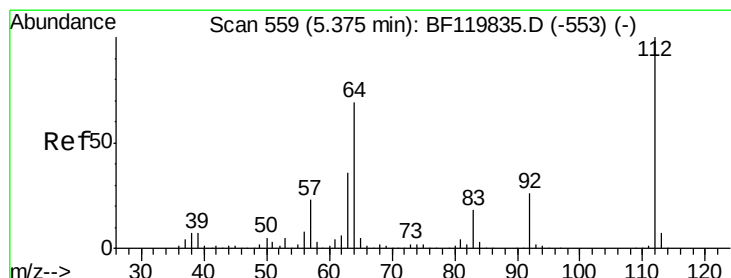
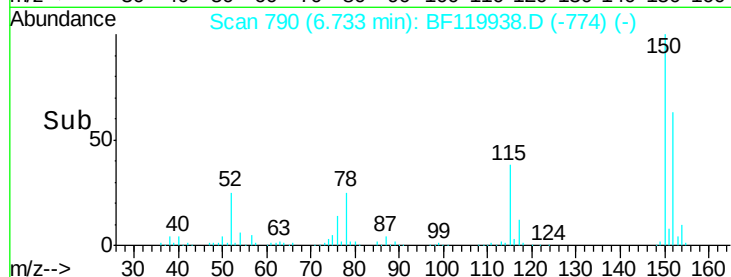
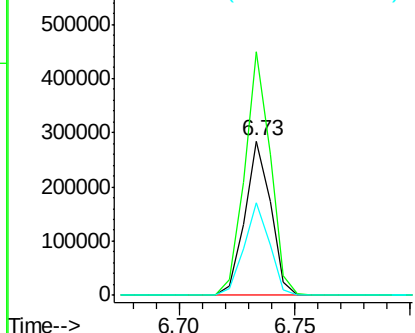
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119938.D
Acq: 14 Apr 2020 6:38

Instrument :
BNA_F
ClientSampleId :
PB128142BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.8	187.2
115	60.3	46.5	69.7



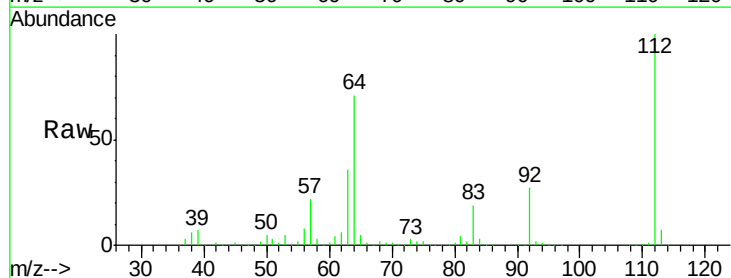
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



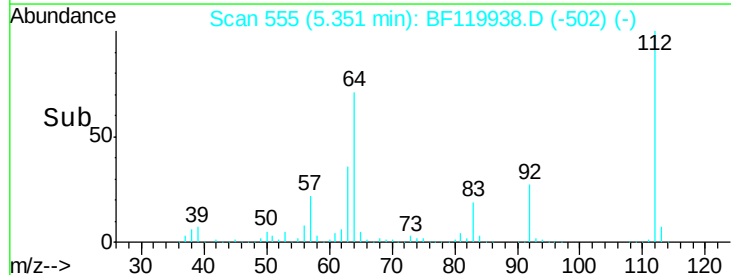
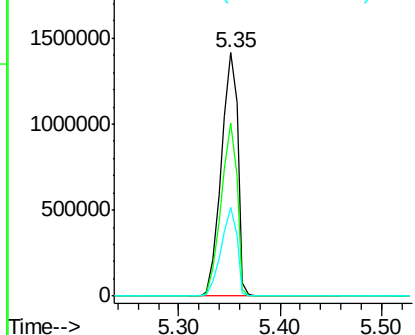
#5

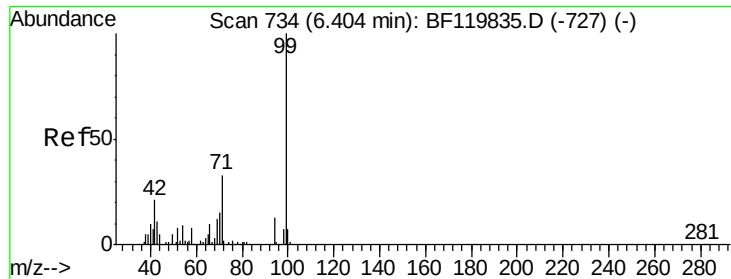
2-Fluorophenol
Concen: 123.339 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF119938.D
Acq: 14 Apr 2020 6:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	55.5	83.3
63	36.3	29.1	43.7



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: 120.068 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119938.D

Acq: 14 Apr 2020 6:38

Instrument :

BNA_F

ClientSampleId :

PB128142BL

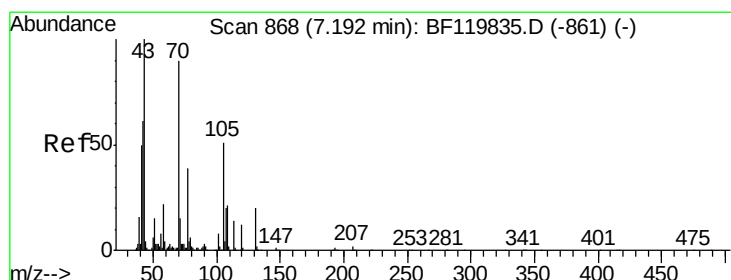
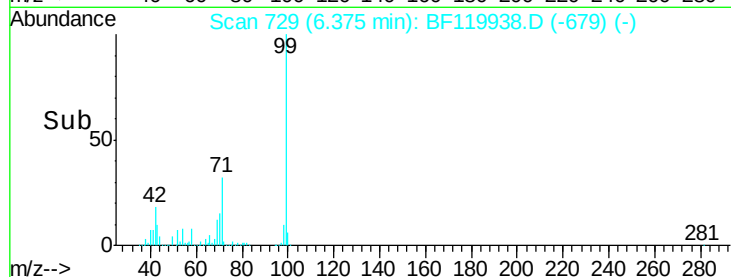
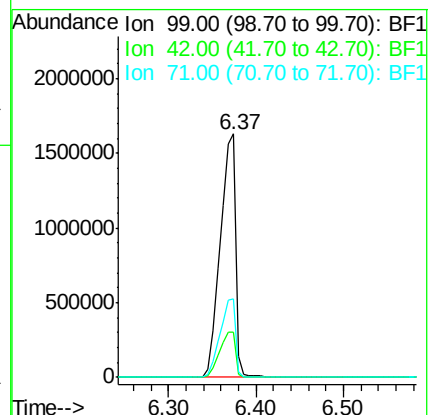
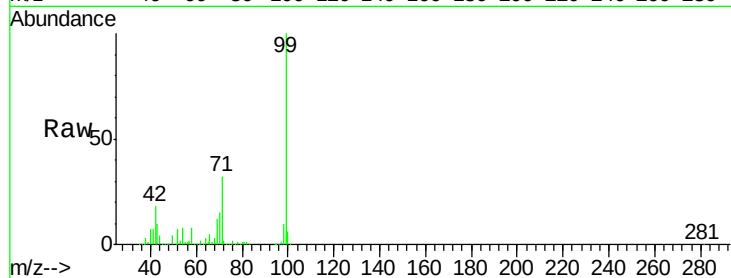
Tot Ion: 99 Resp: 2002469

Ion Ratio Lower Upper

99 100

42 18.3 16.9 25.3

71 32.2 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 15.149 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119938.D

Acq: 14 Apr 2020 6:38

Tgt Ion: 70 Resp: 162466

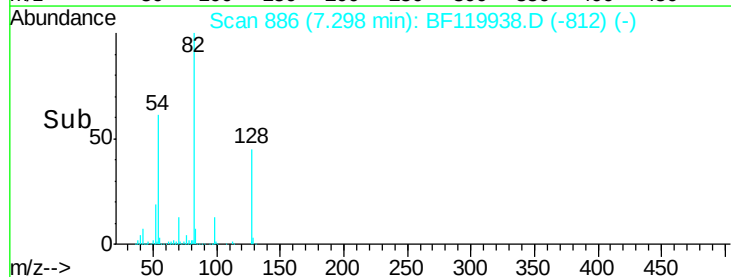
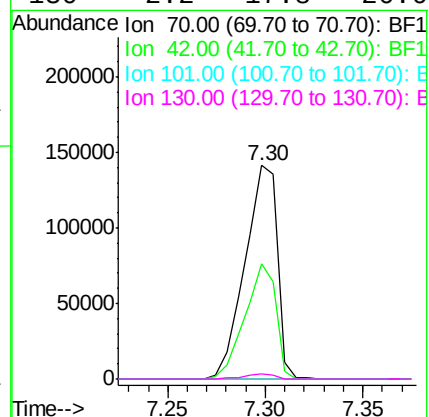
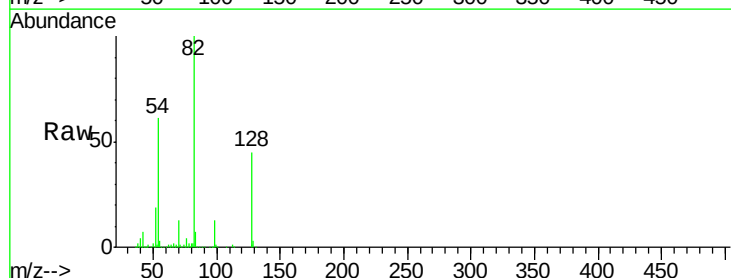
Ion Ratio Lower Upper

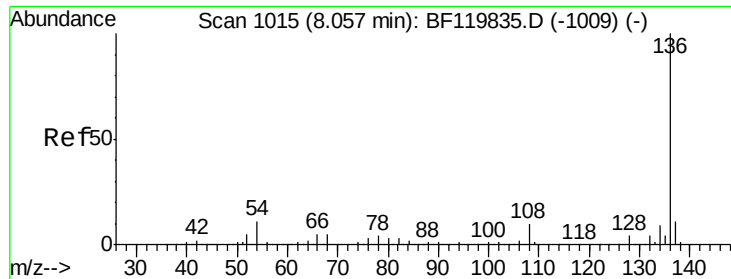
70 100

42 53.7 54.2 81.4#

101 0.0 7.4 11.2#

130 2.2 17.8 26.6#

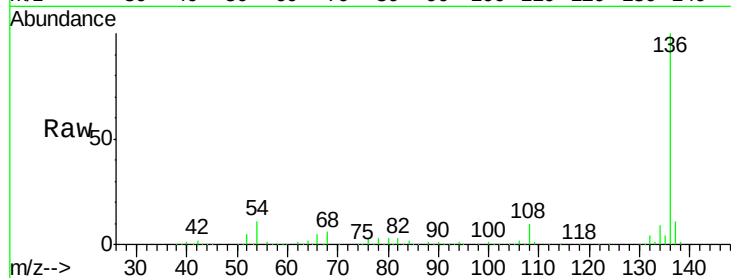




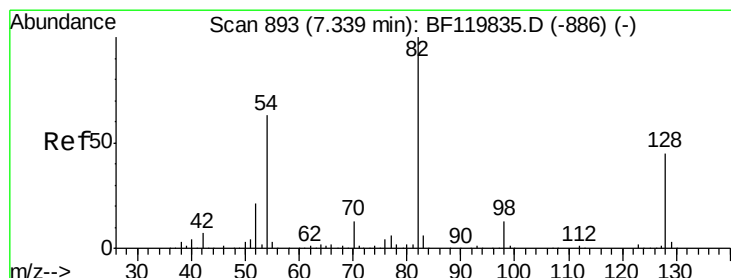
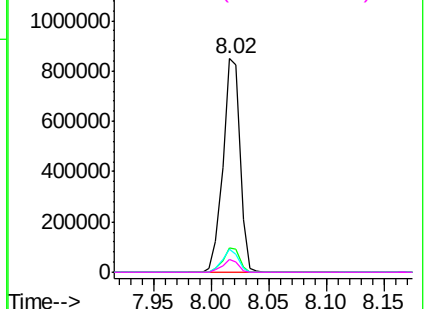
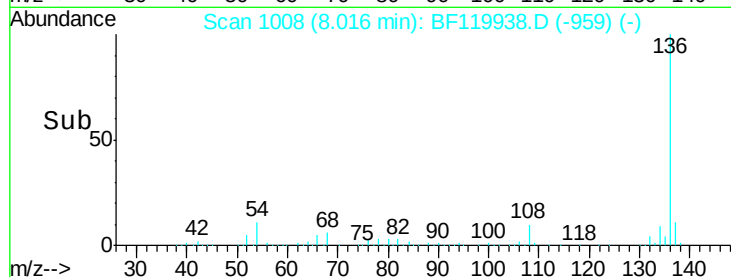
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF119938.D
Acq: 14 Apr 2020 6:38

Instrument :
BNA_F
ClientSampleId :
PB128142BL

Tot Ion:136 Resp: 871495
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 11.0 8.5 12.7
68 6.0 3.9 5.9#

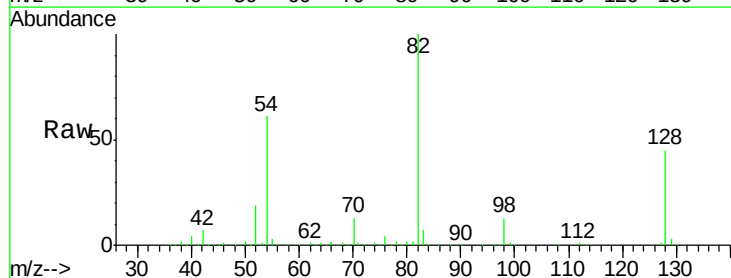


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

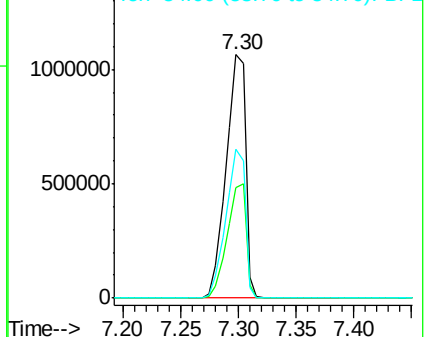
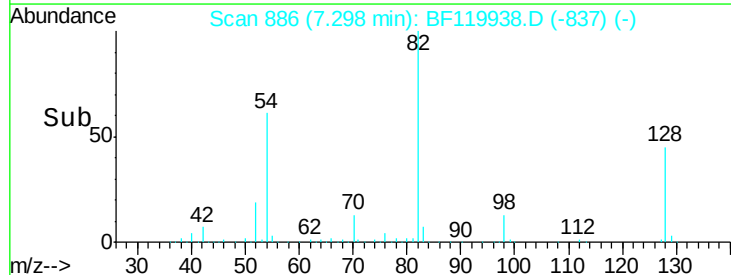


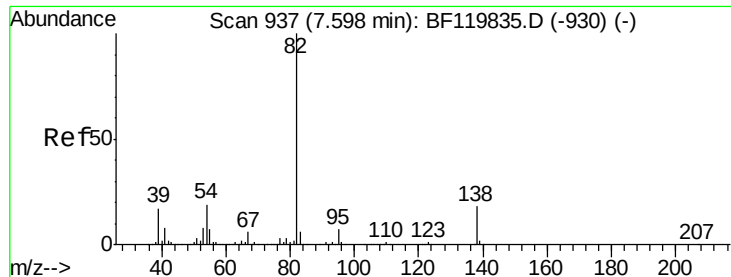
#23
Nitrobenzene-d5
Concen: 73.779 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119938.D
Acq: 14 Apr 2020 6:38

Tgt Ion: 82 Resp: 1242874
Ion Ratio Lower Upper
82 100
128 45.2 36.2 54.4
54 61.4 50.4 75.6



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: 38.200 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF119938.D

Acq: 14 Apr 2020 6:38

Instrument :

BNA_F

ClientSampleId :

PB128142BL

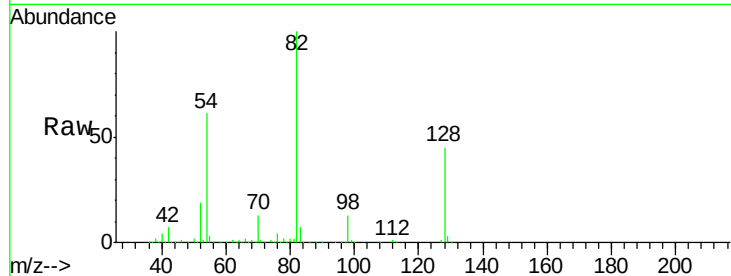
Tot Ion: 82 Resp: 1240488

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

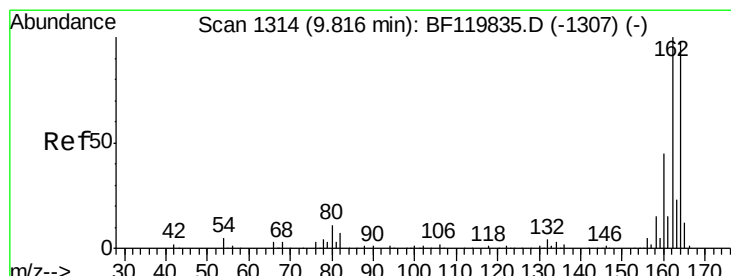
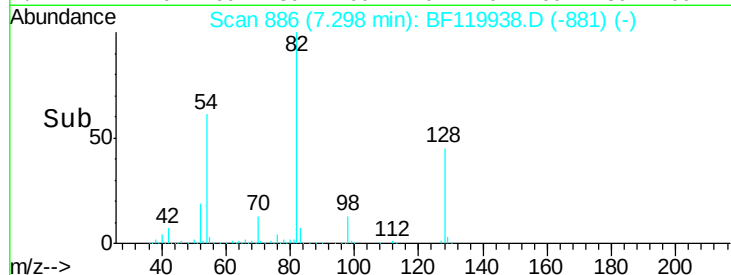
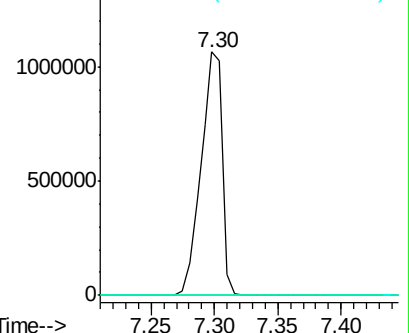
138 0.0 14.5 21.7#



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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119938.D

Acq: 14 Apr 2020 6:38

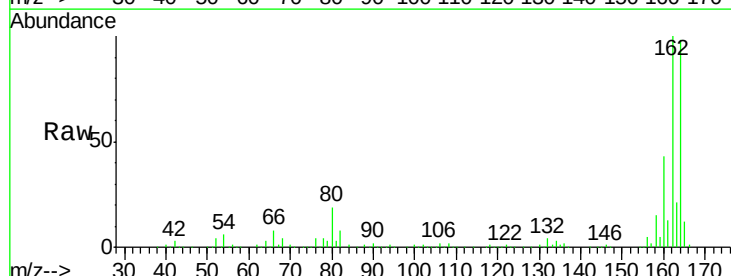
Tgt Ion:164 Resp: 463602

Ion Ratio Lower Upper

164 100

162 102.4 81.9 122.9

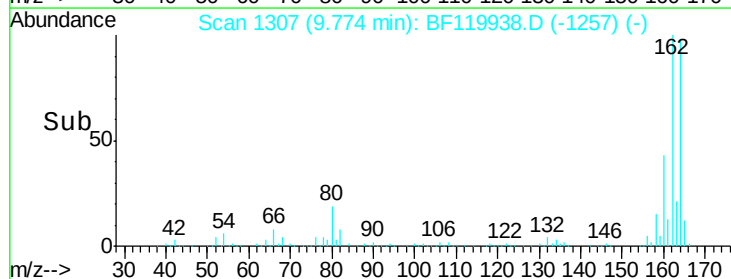
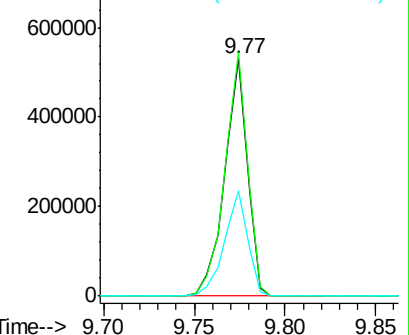
160 44.4 36.6 54.8

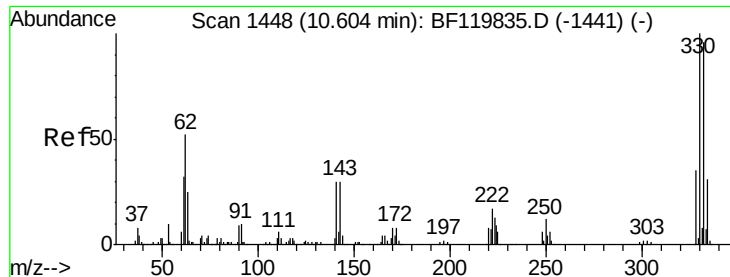


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 110.309 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF119938.D

Acq: 14 Apr 2020 6:38

Instrument :

BNA_F

ClientSampleId :

PB128142BL

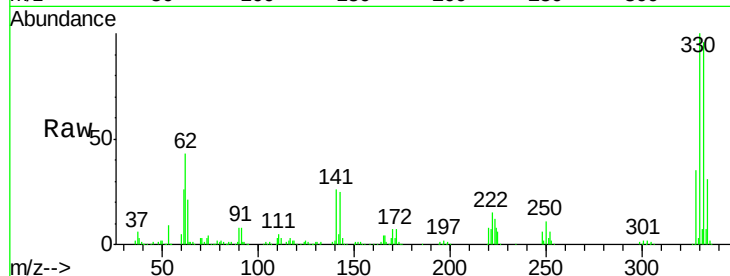
Tot Ion:330 Resp: 626121

Ion Ratio Lower Upper

330 100

332 94.5 76.8 115.2

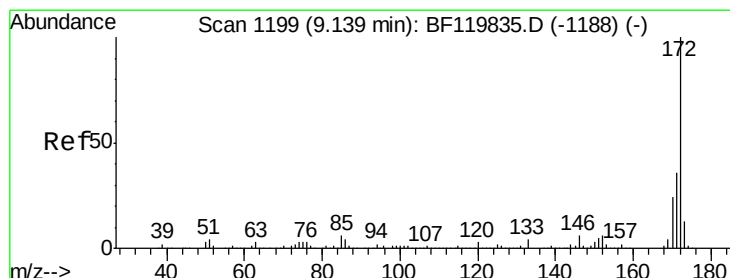
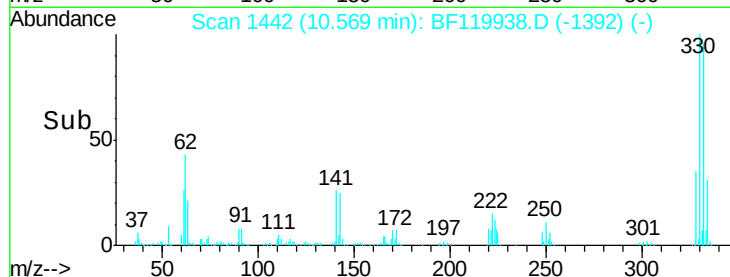
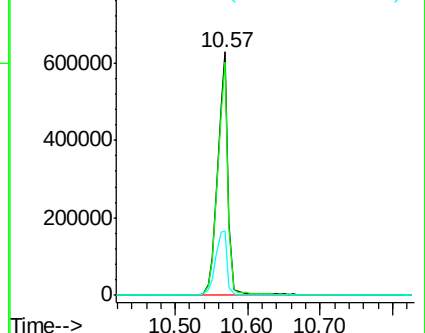
141 29.7 25.1 37.7



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: 73.572 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF119938.D

Acq: 14 Apr 2020 6:38

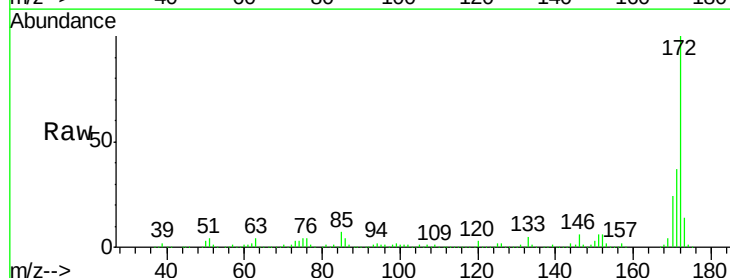
Tgt Ion:172 Resp: 2402340

Ion Ratio Lower Upper

172 100

171 36.5 28.9 43.3

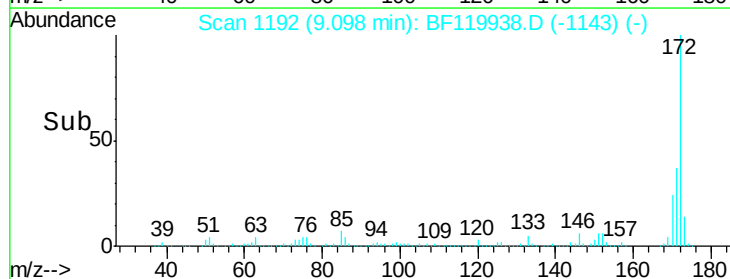
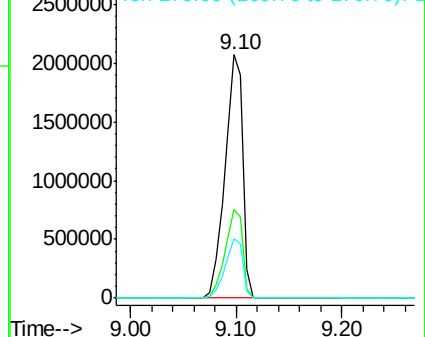
170 24.2 19.4 29.2

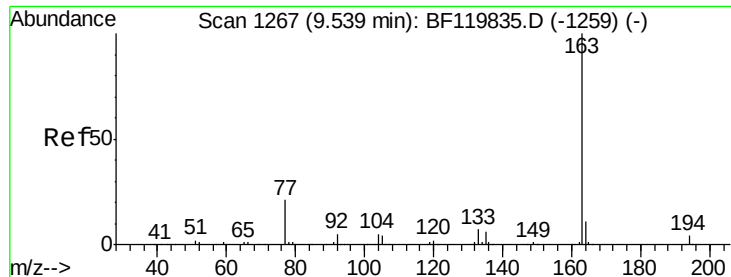


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

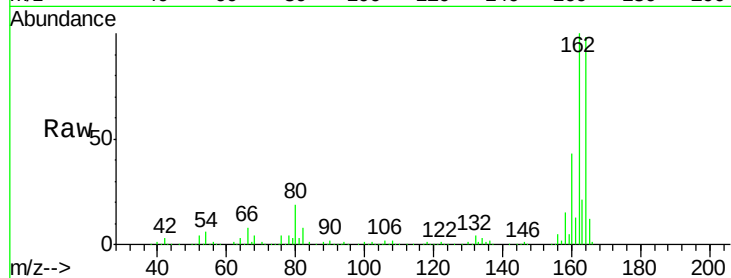




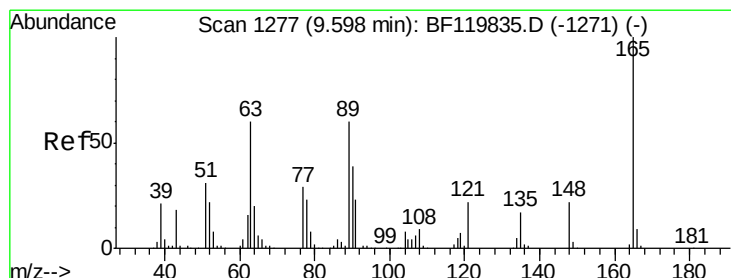
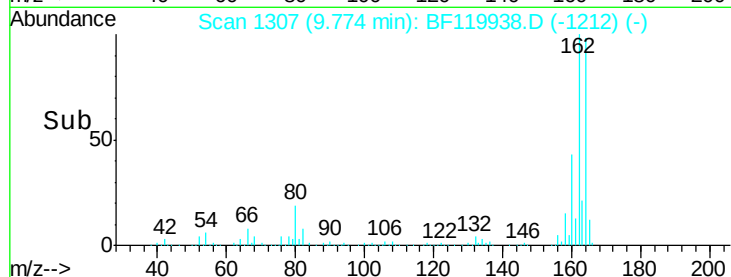
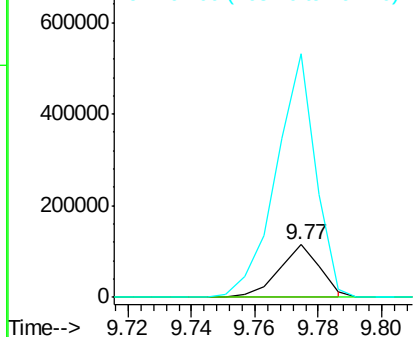
#50
Dimethylphthalate
Concen: 2.917 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.26 min
Lab File: BF119938.D
Acq: 14 Apr 2020 6:38

Instrument :
BNA_F
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PB128142BL

Tot Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.4#
164	461.5	8.4	12.6#

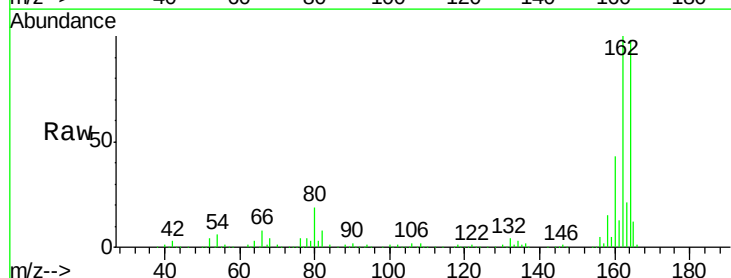


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

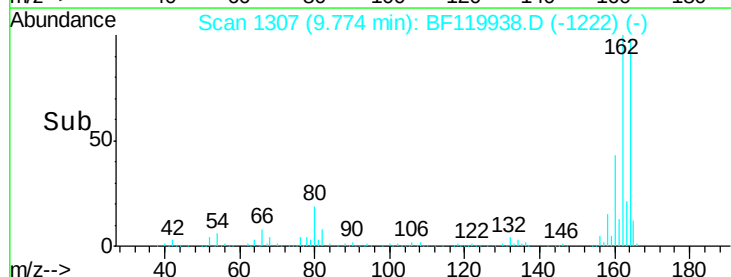
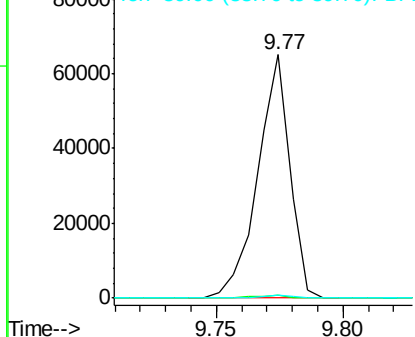


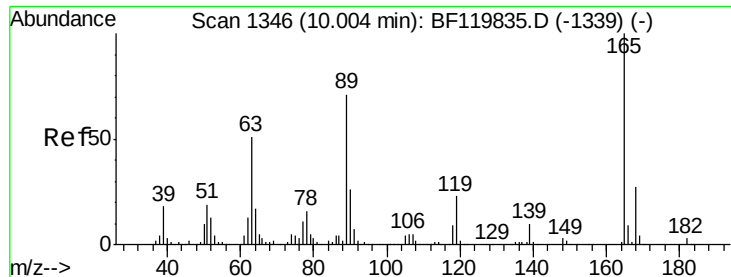
#51
2,6-Dinitrotoluene
Concen: 7.349 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.20 min
Lab File: BF119938.D
Acq: 14 Apr 2020 6:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	55.6	83.4#
89	1.5	47.9	71.9#



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

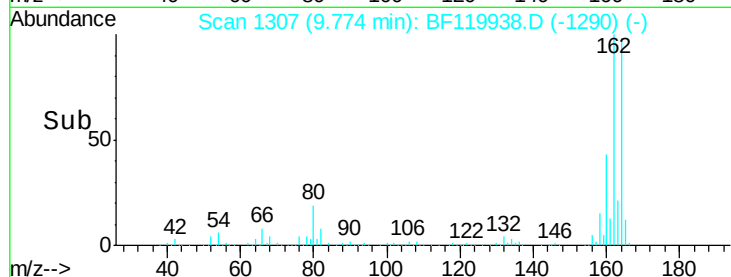
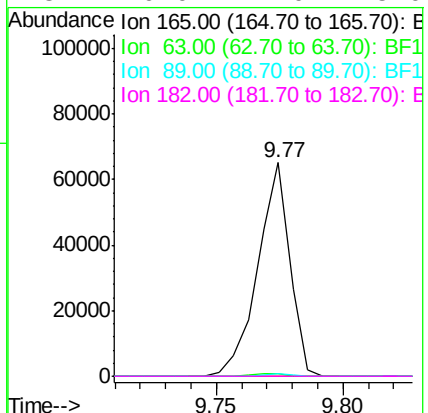
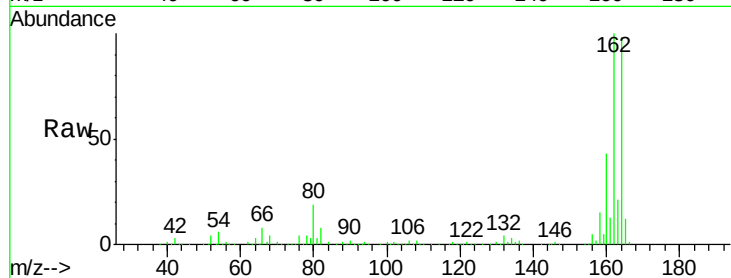




#57
 2,4-Dinitrotoluene
 Concen: 5.578 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF119938.D
 Acq: 14 Apr 2020 6:38

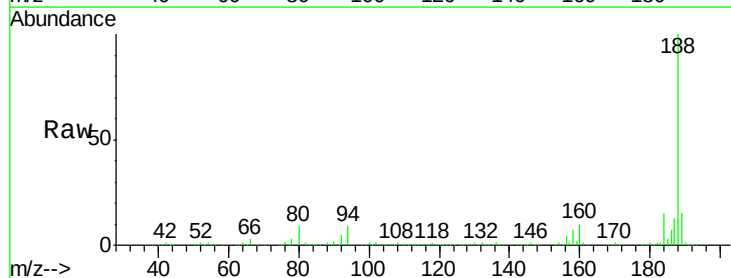
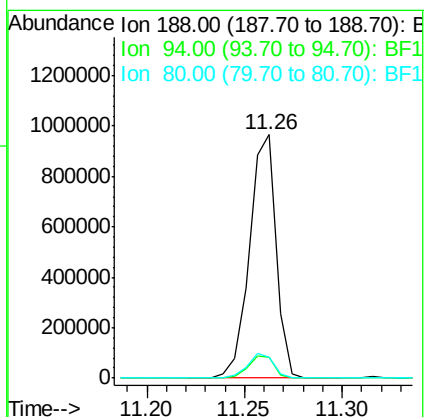
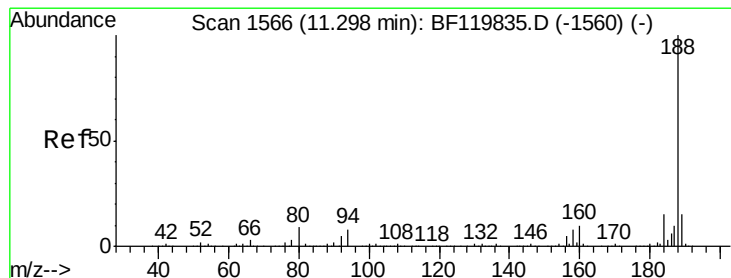
Instrument :
 BNA_F
 ClientSampleId :
 PB128142BL

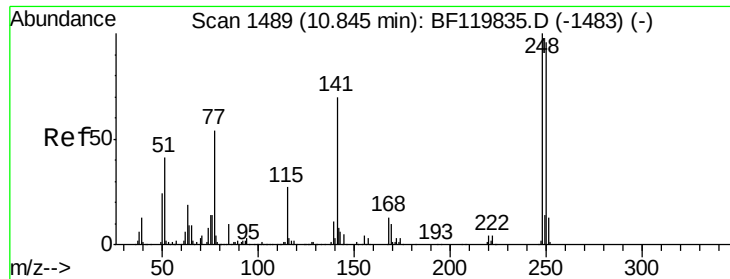
Tot Ion:165	Resp:	57707
Ion Ratio	Lower	Upper
165	100	
63	1.0	40.8 61.2#
89	1.5	56.9 85.3#
182	0.0	2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF119938.D
 Acq: 14 Apr 2020 6:38

Tgt Ion:188	Resp:	912978
Ion Ratio	Lower	Upper
188	100	
94	8.5	6.7 10.1
80	8.8	7.4 11.2

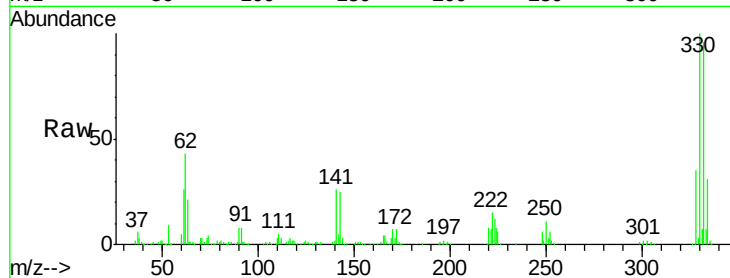




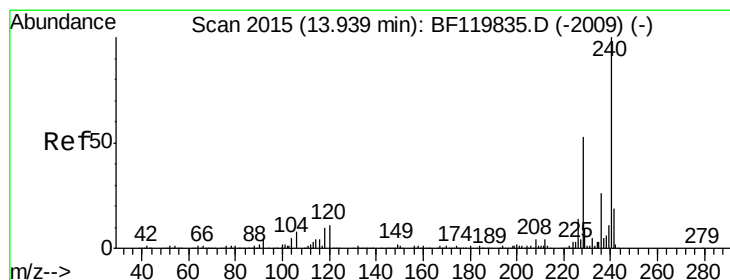
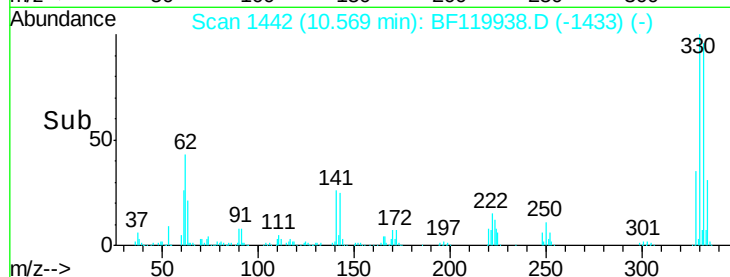
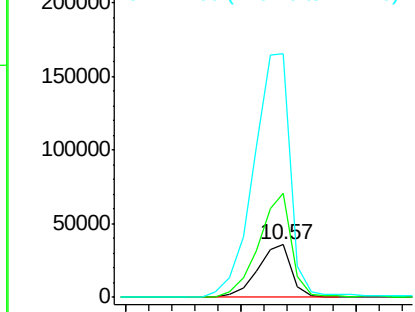
#67
 4-Bromophenyl-phenylether
 Concen: 3.196 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF119938.D
 Acq: 14 Apr 2020 6:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128142BL

Tot Ion	Ratio	Lower	Upper
248	100		
250	198.4	76.6	114.8#
141	465.3	55.9	83.9#

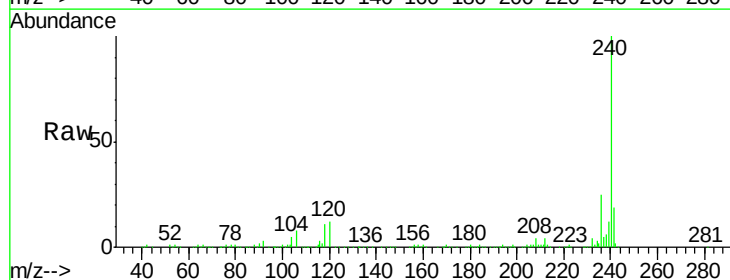


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

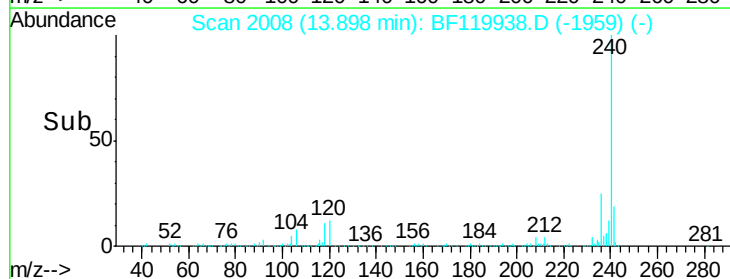
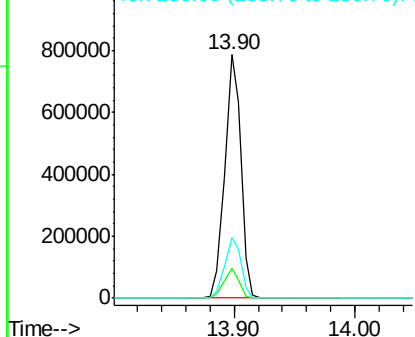


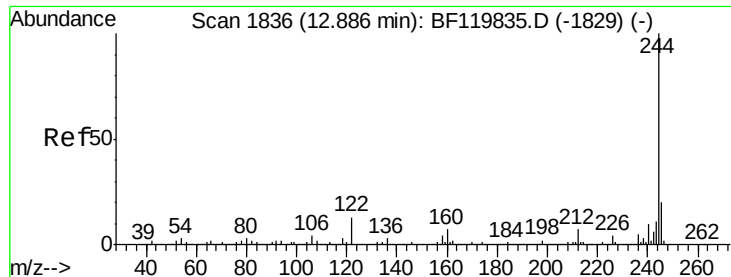
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF119938.D
 Acq: 14 Apr 2020 6:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.0	13.6
236	24.7	20.7	31.1



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: 70.479 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF119938.D

Acq: 14 Apr 2020 6:38

Instrument :

BNA_F

ClientSampleId :

PB128142BL

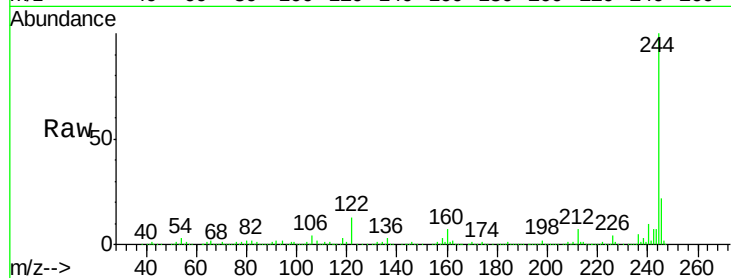
Tot Ion:244 Resp: 3040488

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

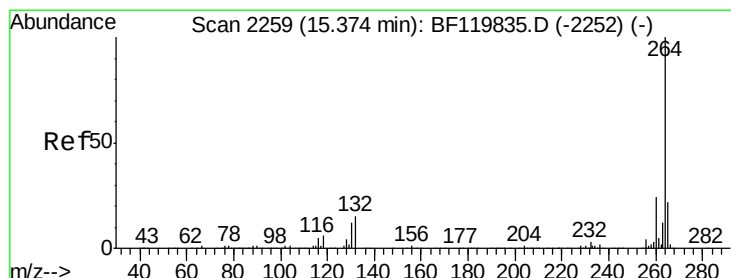
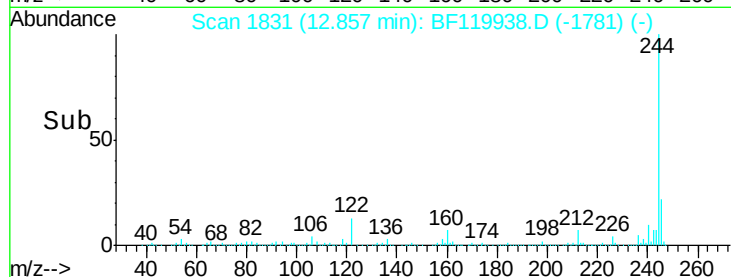
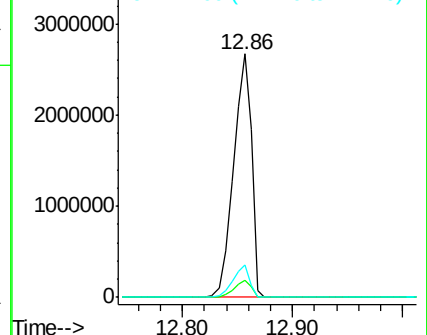
122 13.1 10.3 15.5



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: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF119938.D

Acq: 14 Apr 2020 6:38

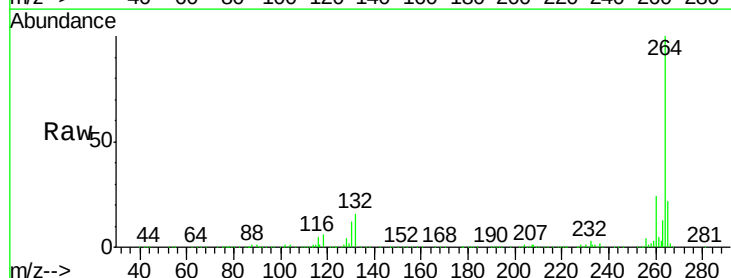
Tgt Ion:264 Resp: 636359

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.6 17.6 26.4



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

