

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062321\
 Data File : BF124438.D
 Acq On : 23 Jun 2021 19:31
 Operator : JU/CG
 Sample : PB137242BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137242BL

Quant Time: Jun 24 03:56:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 23 18:48:27 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

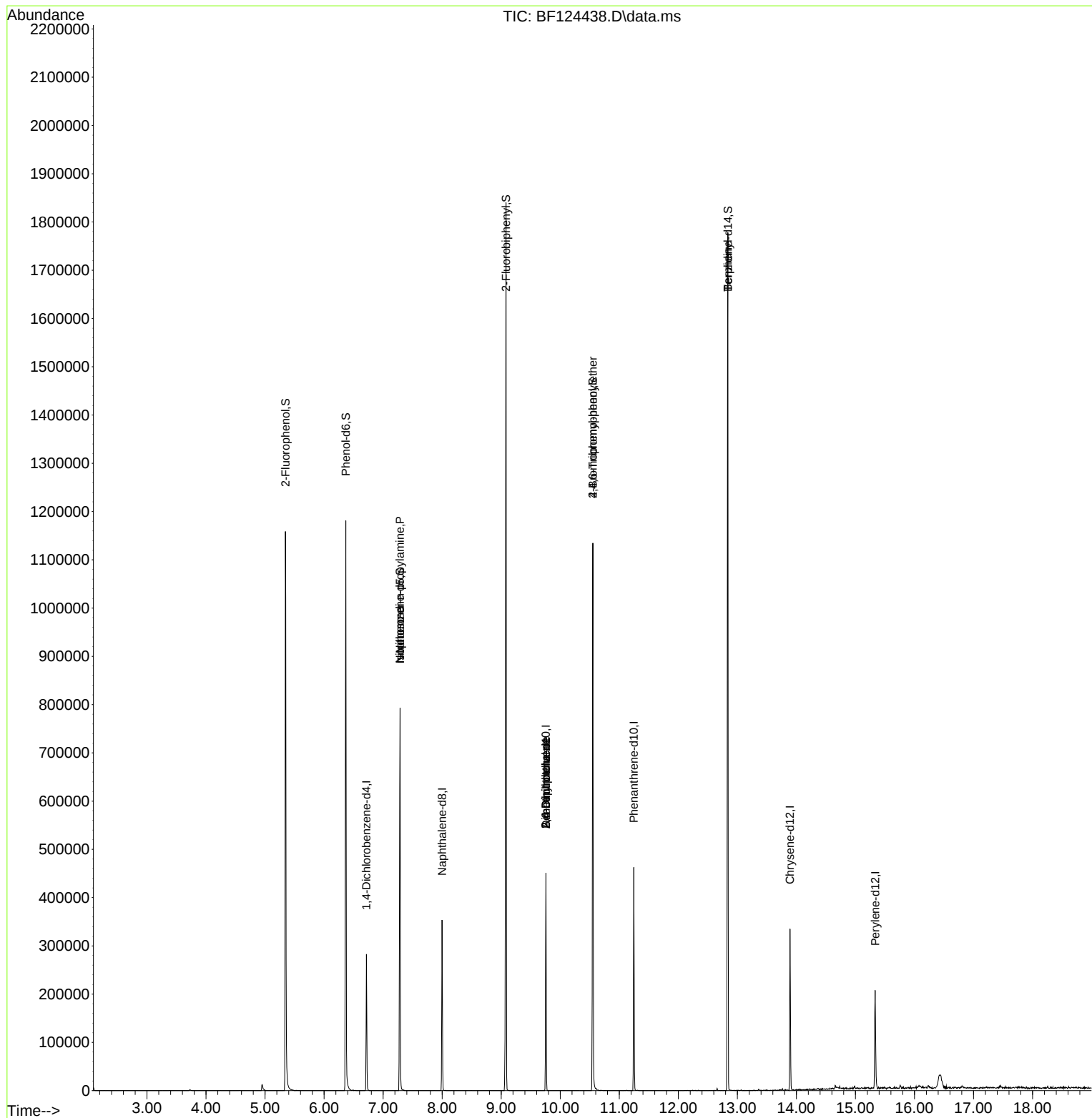
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	34875	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	138036	20.00	ng	# 0.00
39) Acenaphthene-d10	9.757	164	81189	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	146142	20.00	ng	# 0.00
76) Chrysene-d12	13.892	240	104732	20.00	ng	0.00
86) Perylene-d12	15.333	264	82912	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	283566	127.87	ng	0.00
7) Phenol-d6	6.369	99	336632	116.26	ng	0.00
23) Nitrobenzene-d5	7.286	82	256359	77.00	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	115061	118.62	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	499778	75.41	ng	0.00
79) Terphenyl-d14	12.839	244	558376	79.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.286	70	36165	18.57	ng	# 57
25) Isophorone	7.286	82	256359	44.79	ng	# 69
50) Dimethylphthalate	9.757	163	15591	2.44	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	10748	7.27	ng	# 11
57) 2,4-Dinitrotoluene	9.757	165	10748	5.48	ng	# 17
67) 4-Bromophenyl-phenylether	10.551	248	8153	4.15	ng	# 1
77) Benzidine	12.839	184	8961	4.27	ng	95

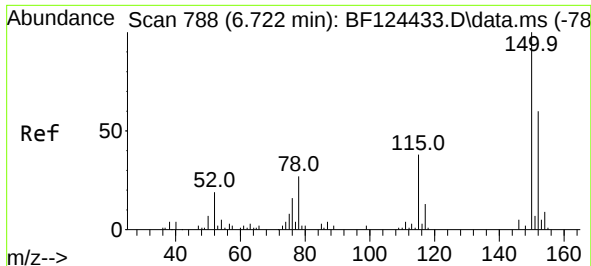
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062321\
Data File : BF124438.D
Acq On : 23 Jun 2021 19:31
Operator : JU/CG
Sample : PB137242BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137242BL

Quant Time: Jun 24 03:56:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 23 18:48:27 2021
Response via : Initial Calibration

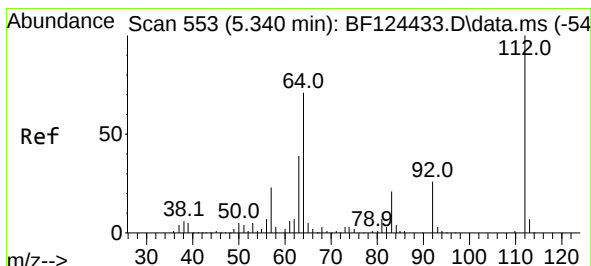
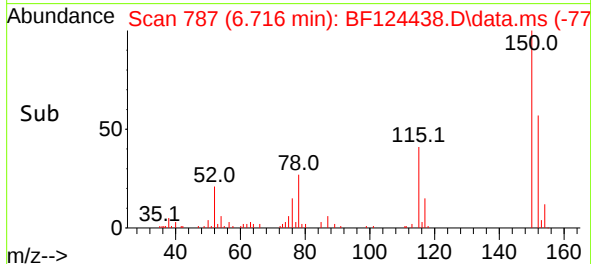
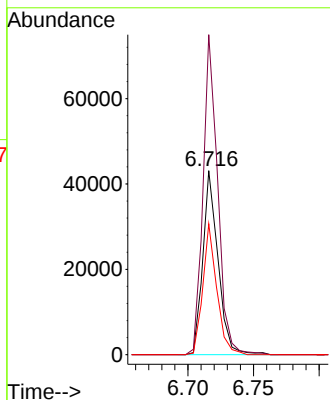
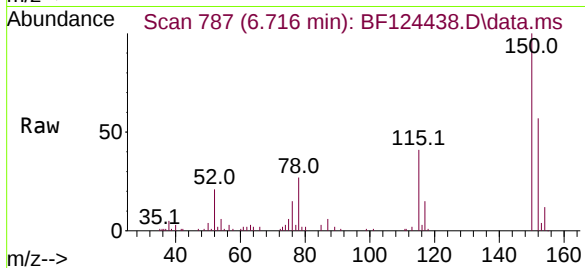




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF124438.D
Acq: 23 Jun 2021 19:31

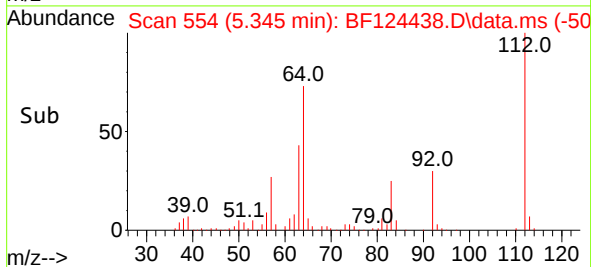
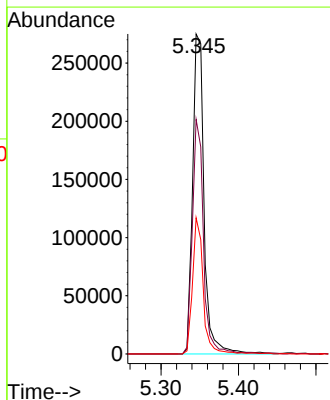
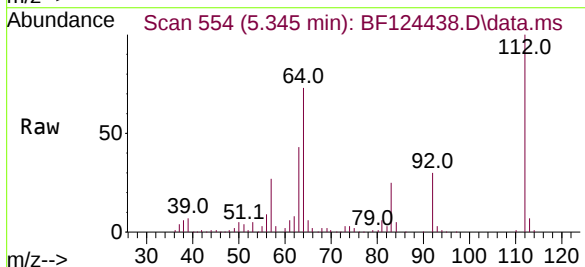
Instrument :
BNA_F
ClientSampleId :
PB137242BL

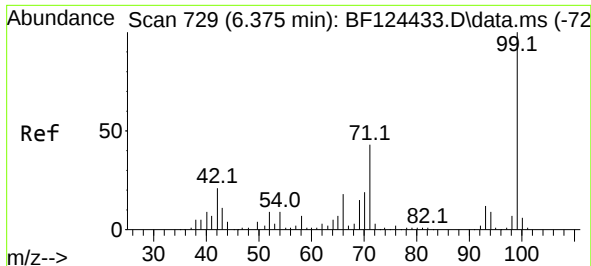
Tgt Ion:152 Resp: 34875
Ion Ratio Lower Upper
152 100
150 173.9 127.0 190.6
115 71.2 54.3 81.5



#5
2-Fluorophenol
Concen: 127.87 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.006 min
Lab File: BF124438.D
Acq: 23 Jun 2021 19:31

Tgt Ion:112 Resp: 283566
Ion Ratio Lower Upper
112 100
64 73.3 61.4 92.0
63 42.5 33.0 49.4

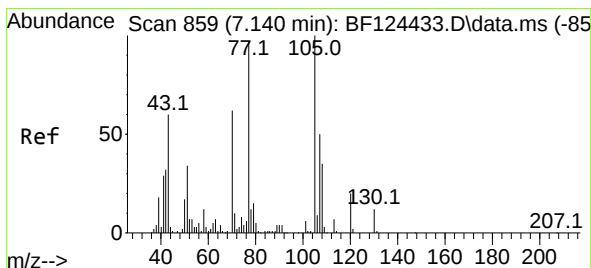
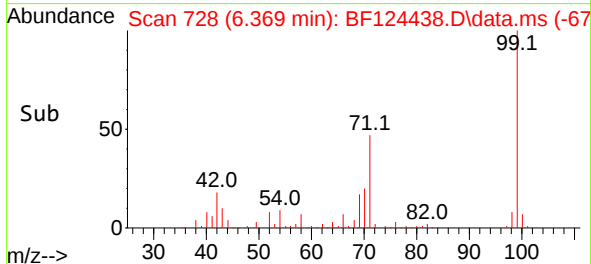
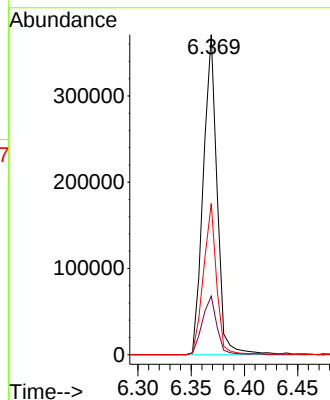
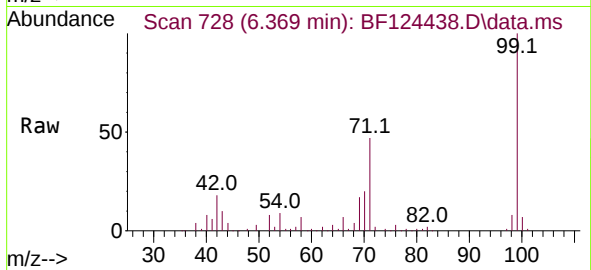




#7
Phenol-d6
Concen: 116.26 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF124438.D
Acq: 23 Jun 2021 19:31

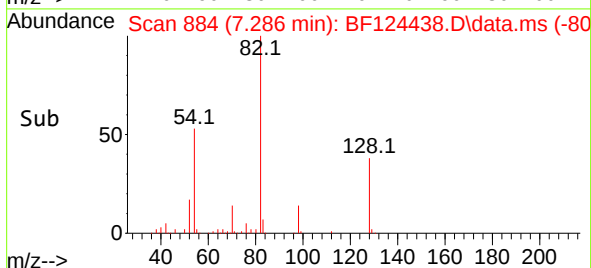
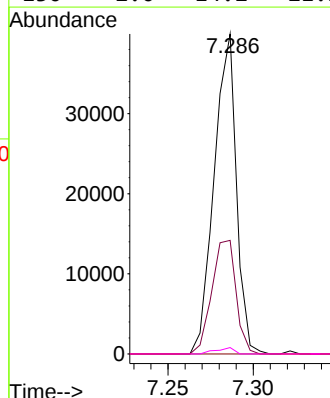
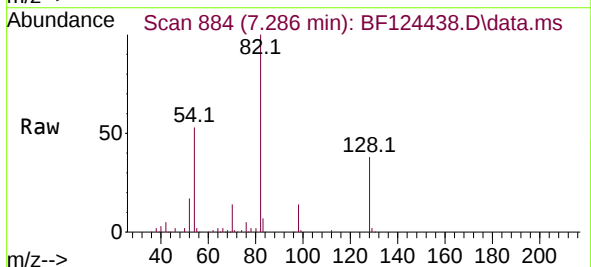
Instrument :
BNA_F
ClientSampleID :
PB137242BL

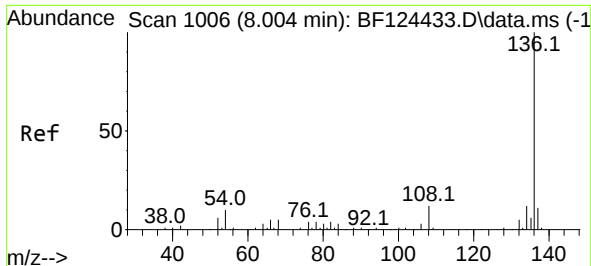
Tgt Ion: 99 Resp: 336632
Ion Ratio Lower Upper
99 100
42 18.3 19.8 29.8#
71 47.2 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 18.57 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF124438.D
Acq: 23 Jun 2021 19:31

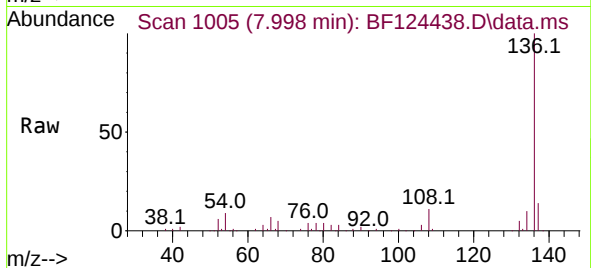
Tgt Ion: 70 Resp: 36165
Ion Ratio Lower Upper
70 100
42 35.5 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#



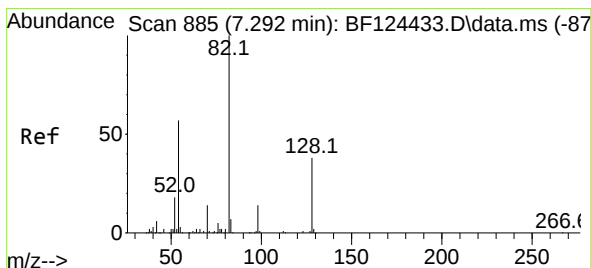
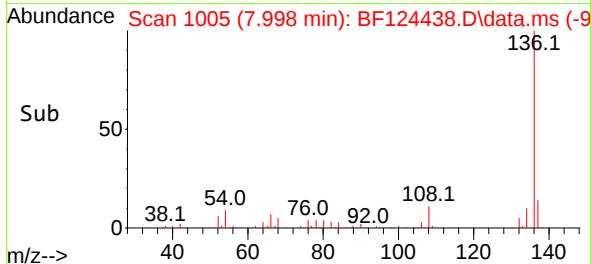
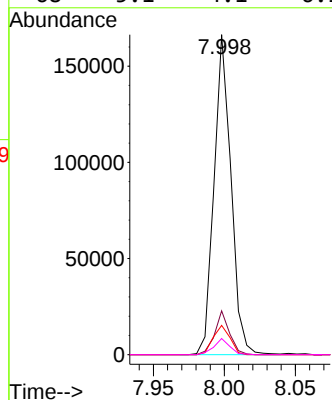


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF124438.D
Acq: 23 Jun 2021 19:31

Instrument :
BNA_F
ClientSampleId :
PB137242BL

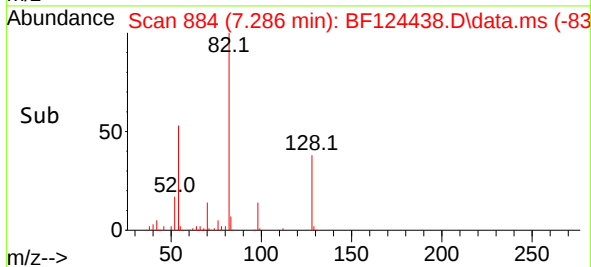
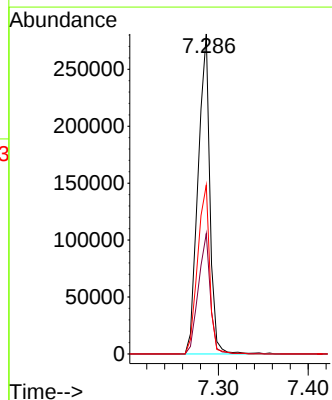
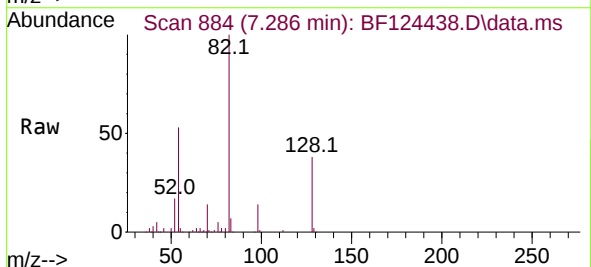


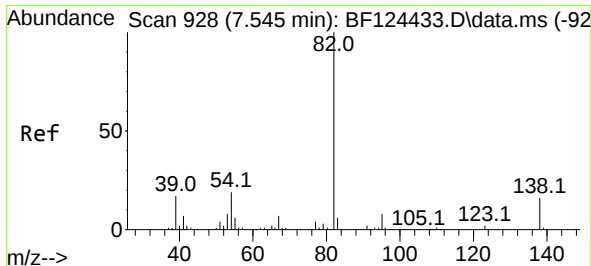
Tgt Ion:136 Resp: 138036
Ion Ratio Lower Upper
136 100
137 13.7 8.7 13.1#
54 9.2 9.8 14.6#
68 5.1 4.1 6.1



#23
Nitrobenzene-d5
Concen: 77.00 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF124438.D
Acq: 23 Jun 2021 19:31

Tgt Ion: 82 Resp: 256359
Ion Ratio Lower Upper
82 100
128 37.6 29.4 44.2
54 52.7 54.1 81.1#

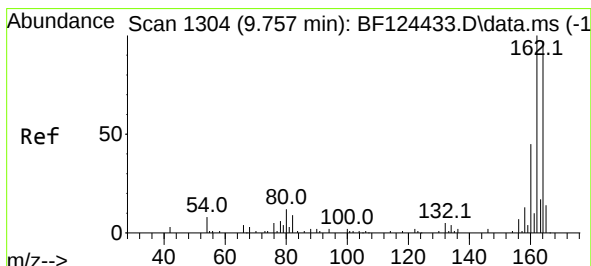
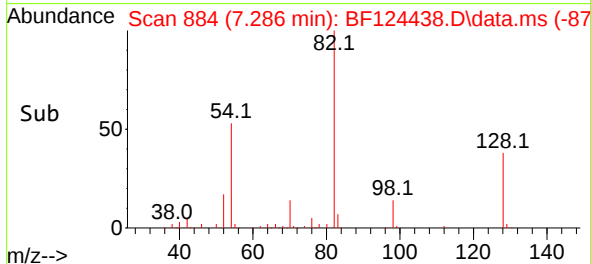
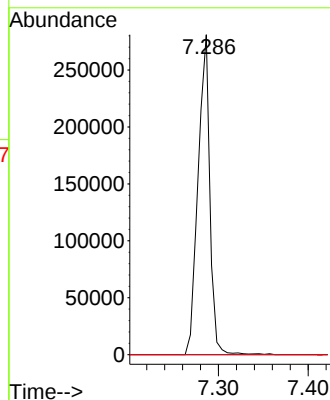
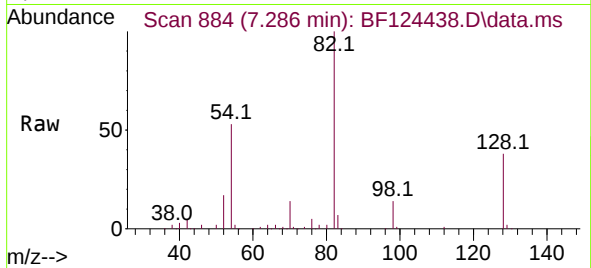




#25
Isophorone
Concen: 44.79 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.259 min
Lab File: BF124438.D
Acq: 23 Jun 2021 19:31

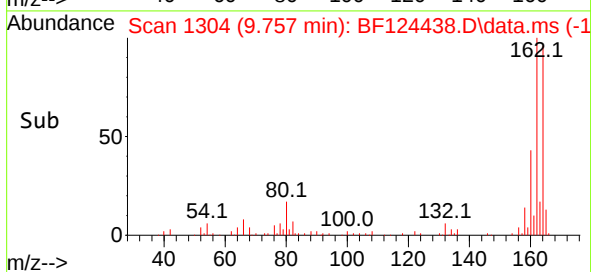
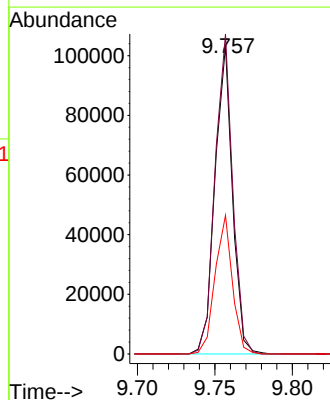
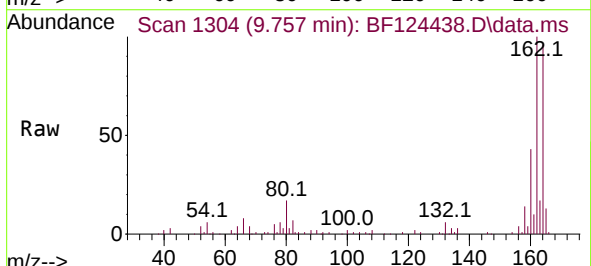
Instrument :
BNA_F
ClientSampleId :
PB137242BL

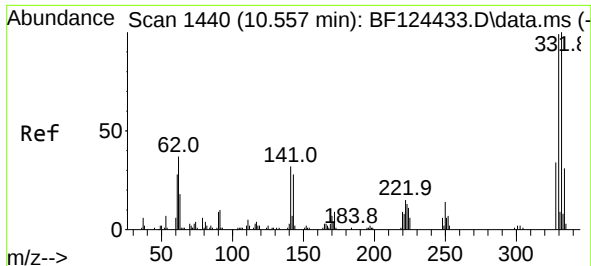
Tgt Ion: 82 Resp: 256359
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF124438.D
Acq: 23 Jun 2021 19:31

Tgt Ion: 164 Resp: 81189
Ion Ratio Lower Upper
164 100
162 103.8 80.7 121.1
160 45.0 37.3 55.9

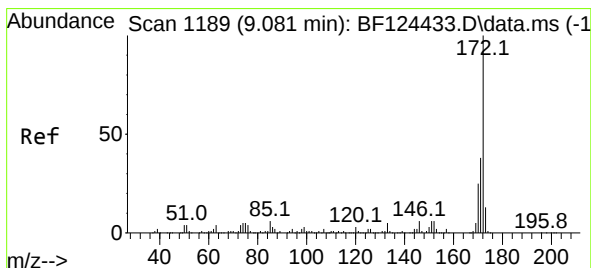
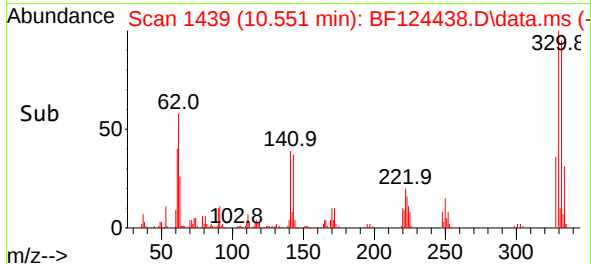
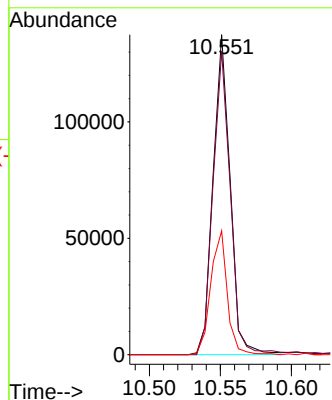
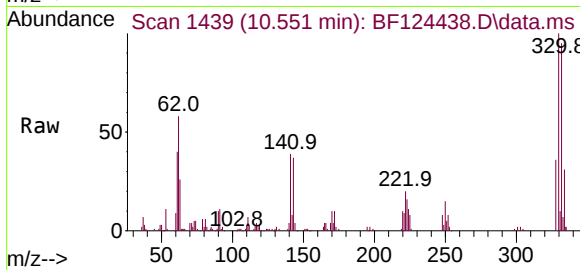




#42
2,4,6-Tribromophenol
Concen: 118.62 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF124438.D
Acq: 23 Jun 2021 19:31

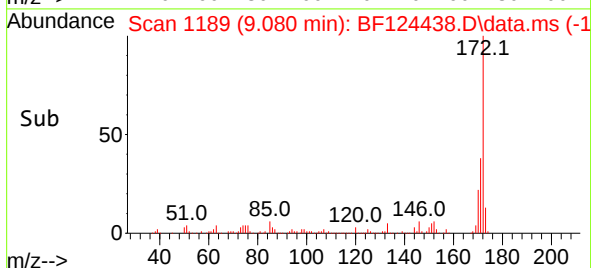
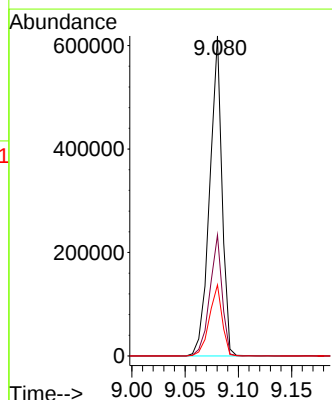
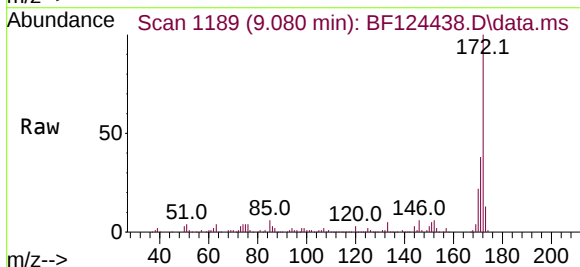
Instrument :
BNA_F
ClientSampleId :
PB137242BL

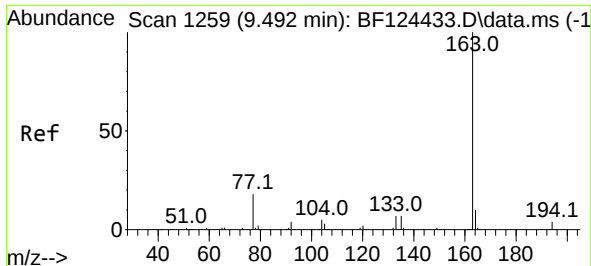
Tgt Ion:330 Resp: 115061
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 37.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 75.41 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF124438.D
Acq: 23 Jun 2021 19:31

Tgt Ion:172 Resp: 499778
Ion Ratio Lower Upper
172 100
171 37.8 28.1 42.1
170 22.2 19.2 28.8

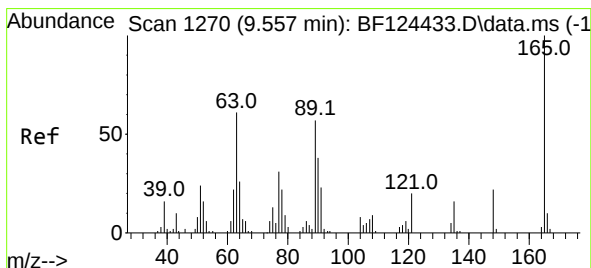
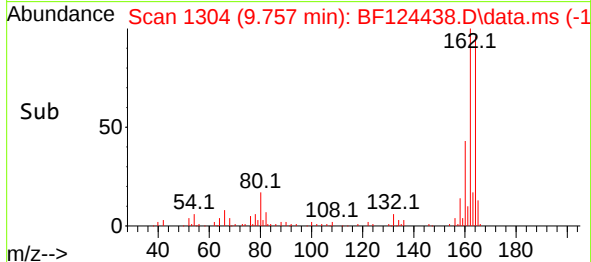
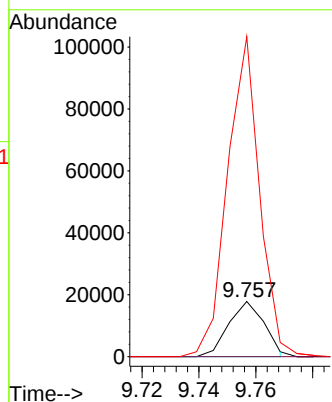
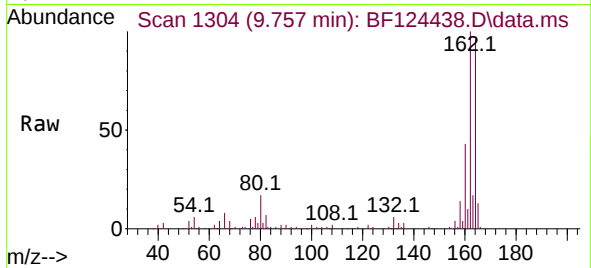




#50
Dimethylphthalate
Concen: 2.44 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.265 min
Lab File: BF124438.D
Acq: 23 Jun 2021 19:31

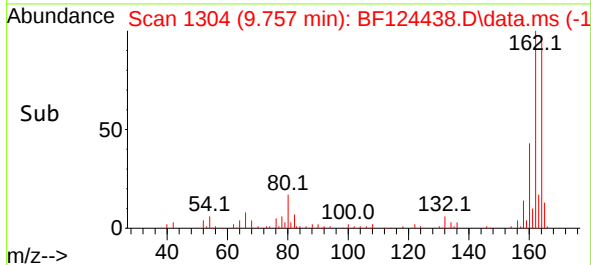
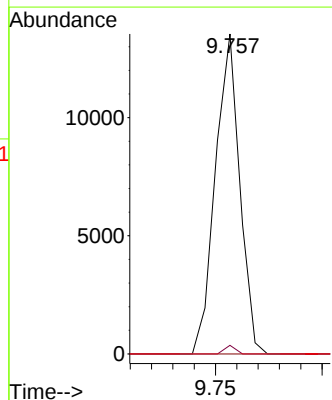
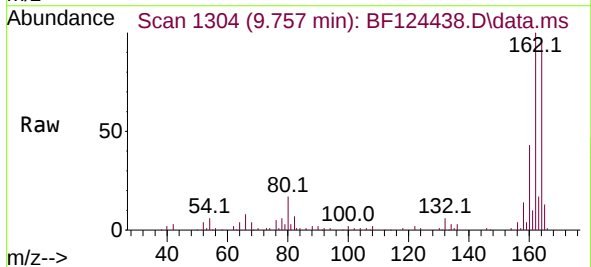
Instrument :
BNA_F
ClientSampleId :
PB137242BL

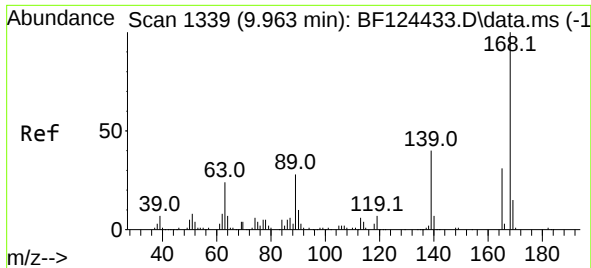
Tgt Ion:163 Resp: 15591
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 579.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.27 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.200 min
Lab File: BF124438.D
Acq: 23 Jun 2021 19:31

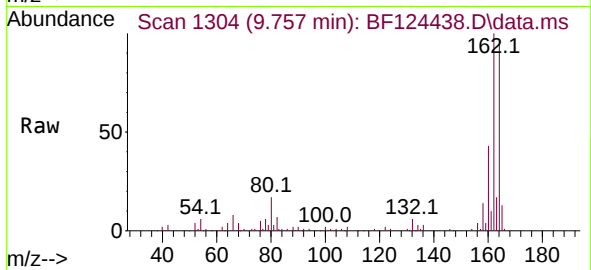
Tgt Ion:165 Resp: 10748
Ion Ratio Lower Upper
165 100
63 2.7 67.7 101.5#
89 0.0 58.8 88.2#



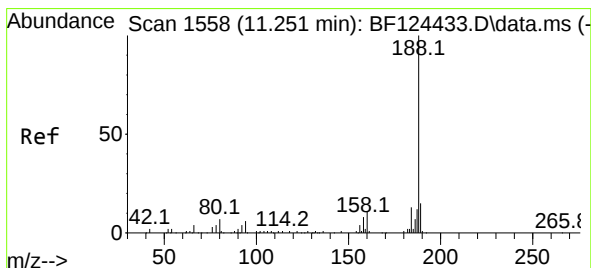
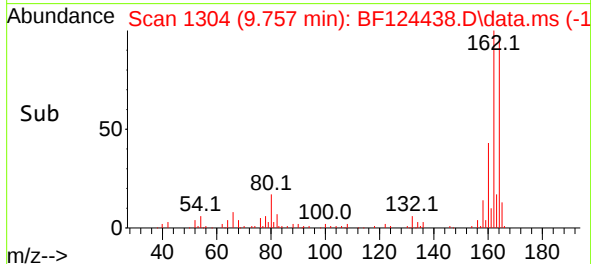
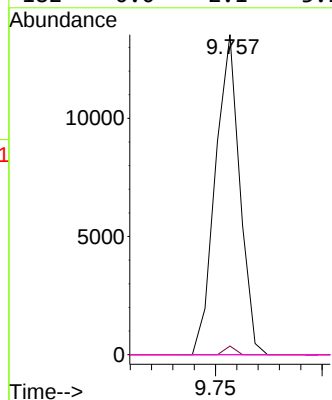


#57
2,4-Dinitrotoluene
Concen: 5.48 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.206 min
Lab File: BF124438.D
Acq: 23 Jun 2021 19:31

Instrument :
BNA_F
ClientSampleId :
PB137242BL

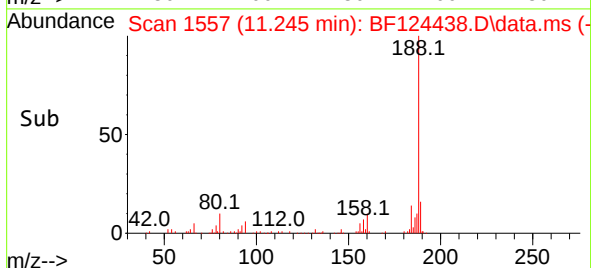
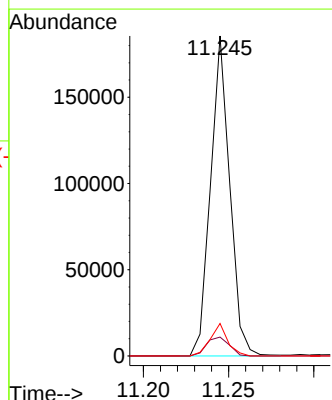
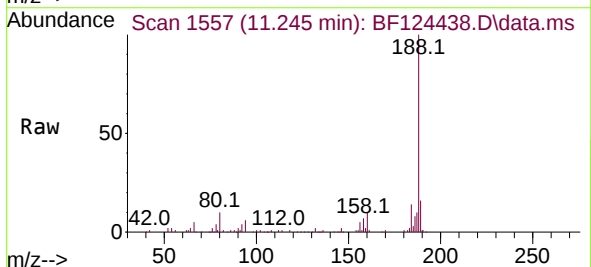


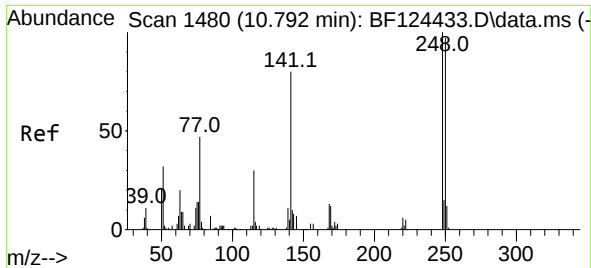
Tgt Ion:165 Resp: 10748
Ion Ratio Lower Upper
165 100
63 2.7 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF124438.D
Acq: 23 Jun 2021 19:31

Tgt Ion:188 Resp: 146142
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 10.2 8.2 12.2

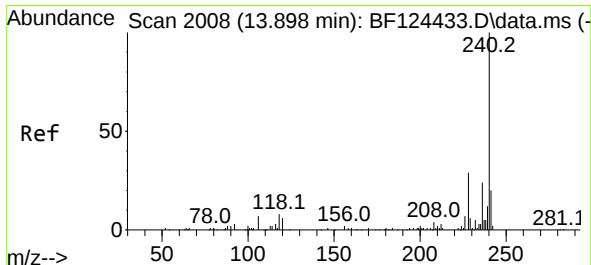
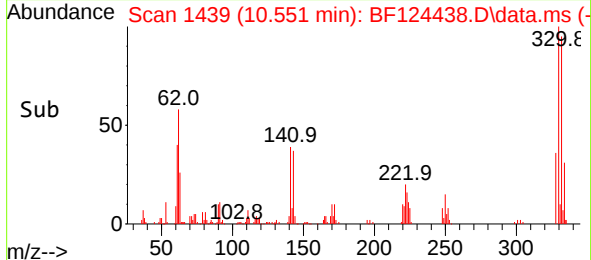
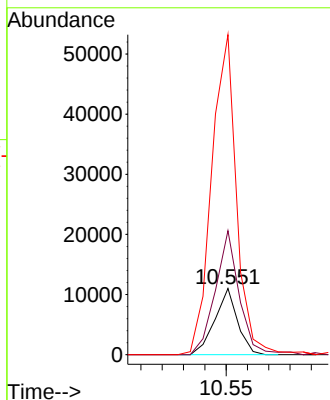
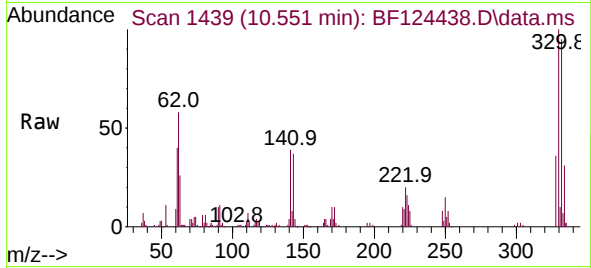




#67
4-Bromophenyl-phenylether
Concen: 4.15 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.241 min
Lab File: BF124438.D
Acq: 23 Jun 2021 19:31

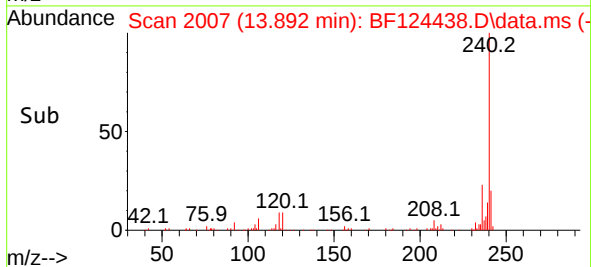
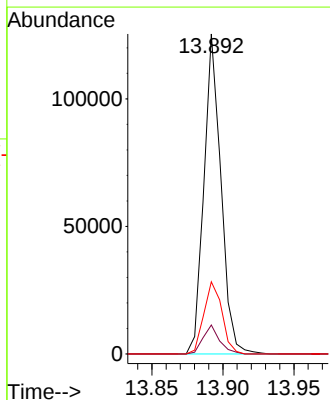
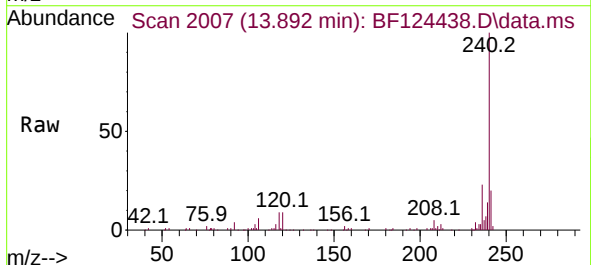
Instrument :
BNA_F
ClientSampleId :
PB137242BL

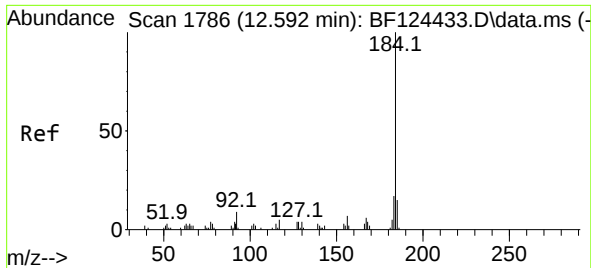
Tgt Ion:248 Resp: 8153
Ion Ratio Lower Upper
248 100
250 187.4 77.4 116.2#
141 483.6 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF124438.D
Acq: 23 Jun 2021 19:31

Tgt Ion:240 Resp: 104732
Ion Ratio Lower Upper
240 100
120 9.1 7.2 10.8
236 22.6 19.0 28.4





#77

Benzidine

Concen: 4.27 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.247 min

Lab File: BF124438.D

Acq: 23 Jun 2021 19:31

Tgt Ion:184 Resp: 8961

Ion Ratio Lower Upper

184 100

185 17.9 12.1 18.1

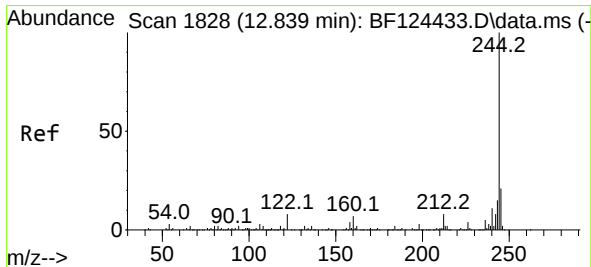
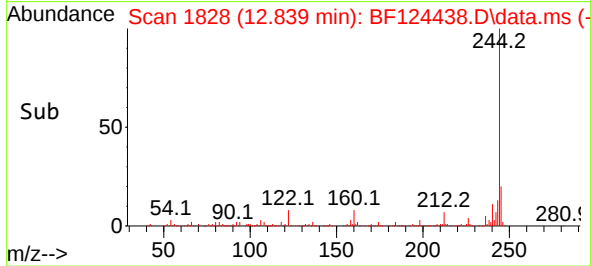
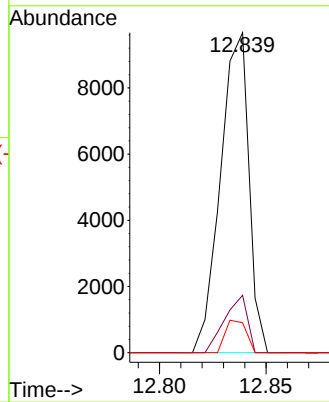
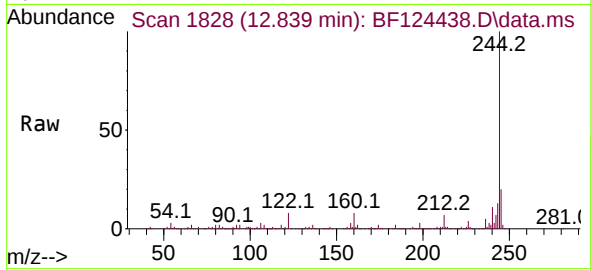
183 9.4 7.8 11.8

Instrument :

BNA_F

ClientSampleId :

PB137242BL



#79

Terphenyl-d14

Concen: 79.85 ng

RT: 12.839 min Scan# 1828

Delta R.T. -0.000 min

Lab File: BF124438.D

Acq: 23 Jun 2021 19:31

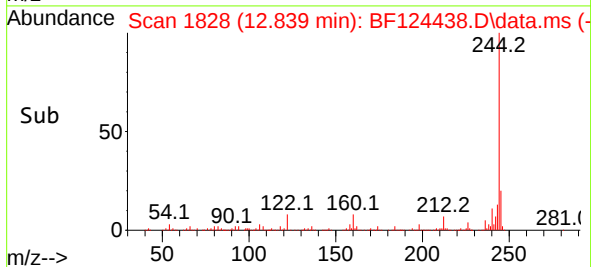
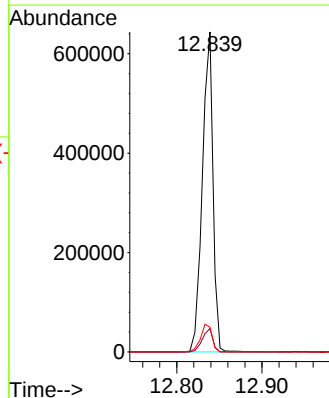
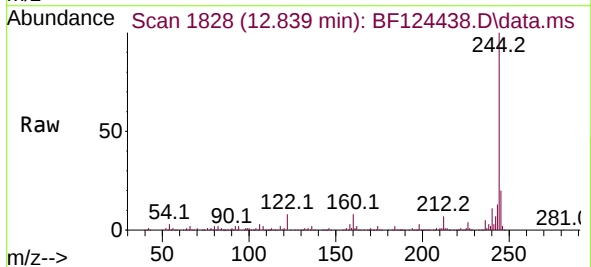
Tgt Ion:244 Resp: 558376

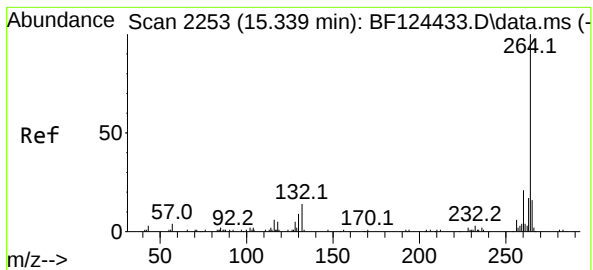
Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 7.7 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.333 min Scan# 2252
 Delta R.T. -0.006 min
 Lab File: BF124438.D
 Acq: 23 Jun 2021 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB137242BL

Tgt Ion:264	Resp:	82912
Ion Ratio	Lower	Upper
264	100	
260	23.3	18.7 28.1
265	21.3	17.8 26.8

