

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
 Data File : BF130520.D
 Acq On : 04 Oct 2022 16:12
 Operator : CG\JU
 Sample : N4932-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 02:19:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

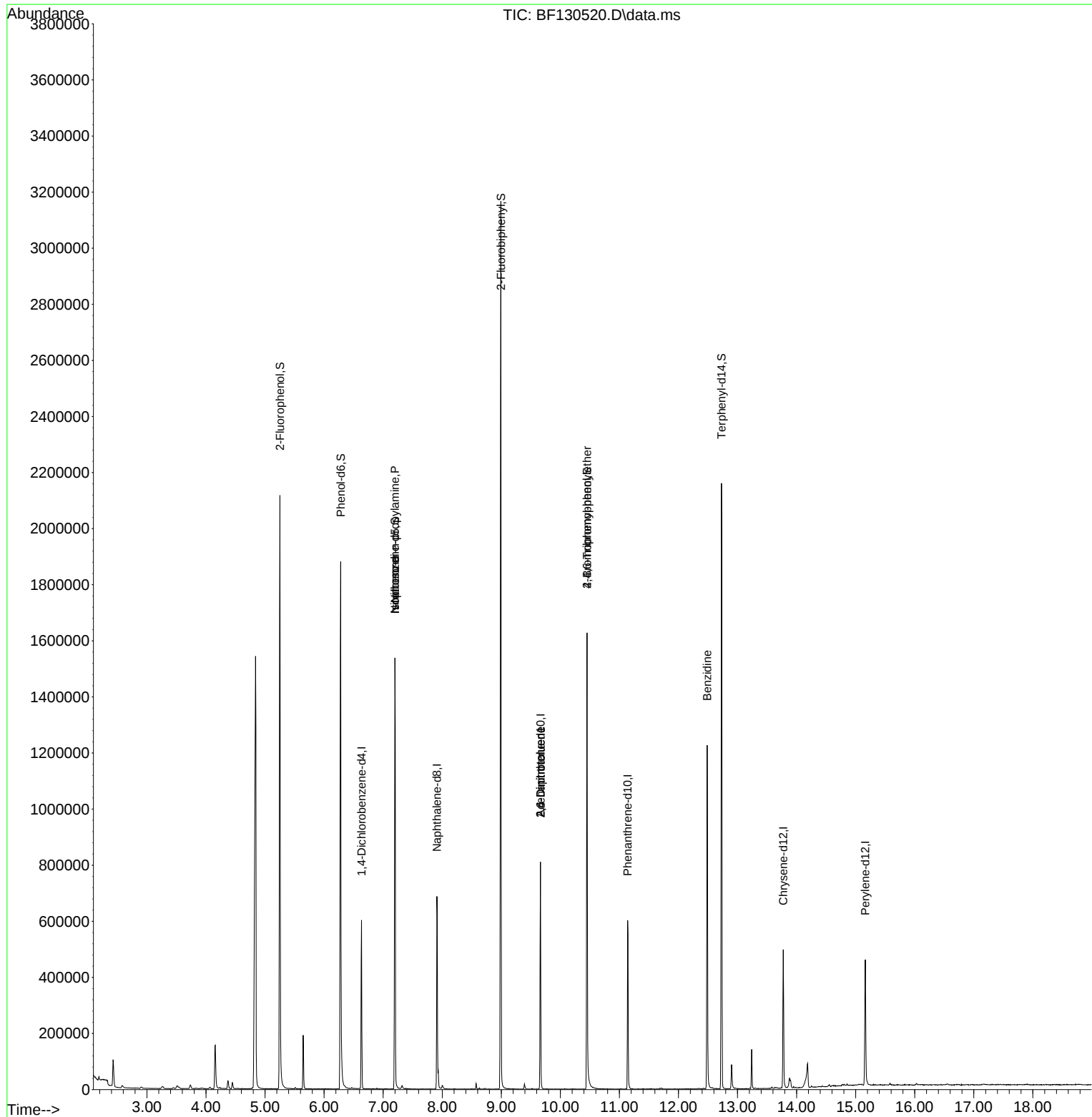
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	79696	20.000	ng	-0.01
21) Naphthalene-d8	7.910	136	316575	20.000	ng	-0.02
39) Acenaphthene-d10	9.663	164	157435	20.000	ng	-0.02
64) Phenanthrene-d10	11.139	188	226896	20.000	ng	-0.02
76) Chrysene-d12	13.774	240	160314	20.000	ng	-0.02
86) Perylene-d12	15.163	264	188300	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	578188	125.834	ng	0.00
7) Phenol-d6	6.281	99	659400	114.694	ng	-0.01
23) Nitrobenzene-d5	7.198	82	512774	82.751	ng	-0.02
42) 2,4,6-Tribromophenol	10.451	330	184830	122.523	ng	-0.02
45) 2-Fluorobiphenyl	8.992	172	911615	84.320	ng	-0.02
79) Terphenyl-d14	12.727	244	757131	78.233	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.198	70	69517	17.919	ng	# 74
25) Isophorone	7.198	82	512771	51.342	ng	# 66
51) 2,6-Dinitrotoluene	9.663	165	20310	8.930	ng	# 16
57) 2,4-Dinitrotoluene	9.663	165	20310	6.987	ng	# 16
67) 4-Bromophenyl-phenylether	10.451	248	11269	4.502	ng	# 1
77) Benzidine	12.486	184	444900	95.600	ng	99

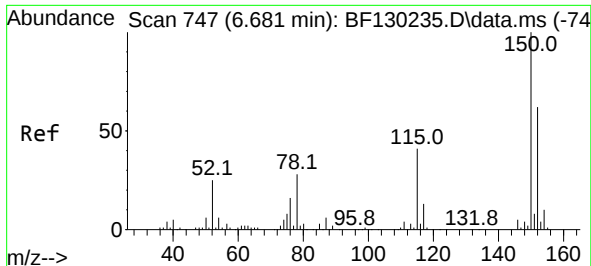
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
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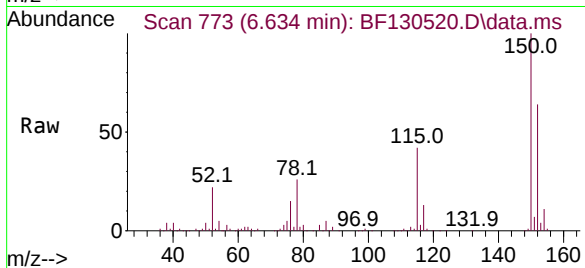
Quant Time: Oct 05 02:19:11 2022
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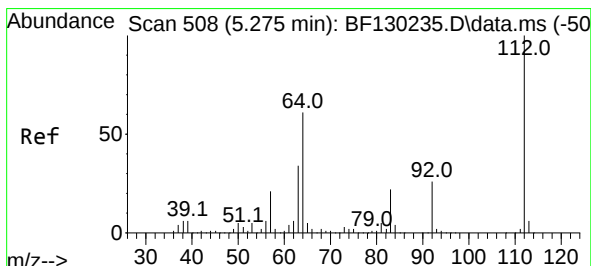
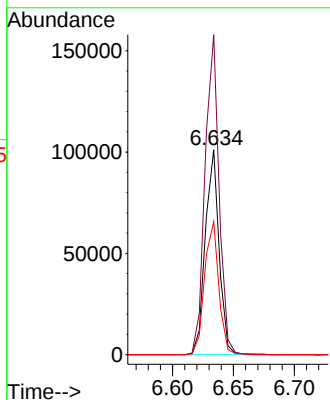
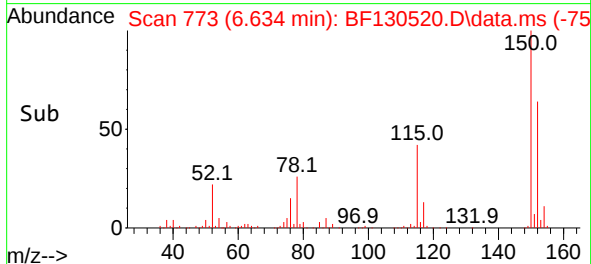


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130520.D
Acq: 04 Oct 2022 16:12

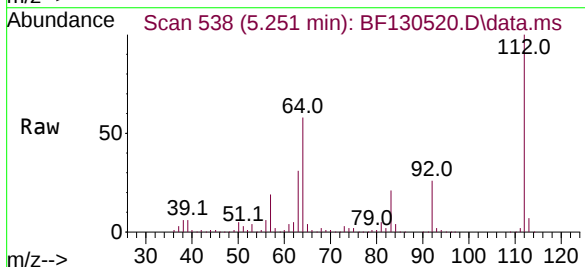
Instrument :
BNA_F
ClientSampleId :



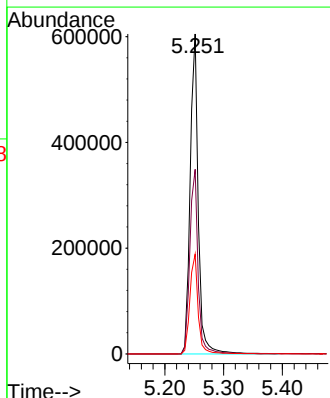
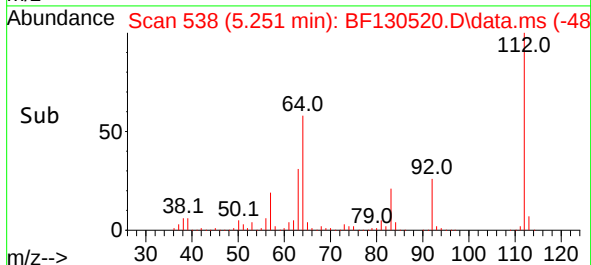
Tgt Ion:152 Resp: 79696
Ion Ratio Lower Upper
152 100
150 156.1 122.8 184.2
115 64.8 53.8 80.8

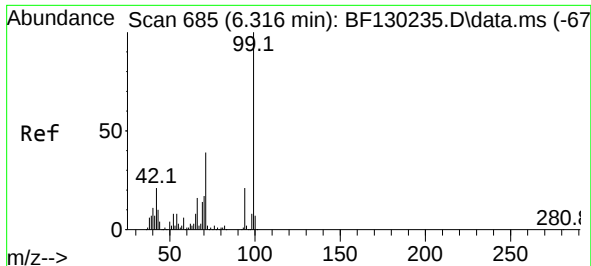


#5
2-Fluorophenol
Concen: 125.834 ng
RT: 5.251 min Scan# 538
Delta R.T. 0.006 min
Lab File: BF130520.D
Acq: 04 Oct 2022 16:12



Tgt Ion:112 Resp: 578188
Ion Ratio Lower Upper
112 100
64 57.7 51.4 77.0
63 31.2 28.8 43.2

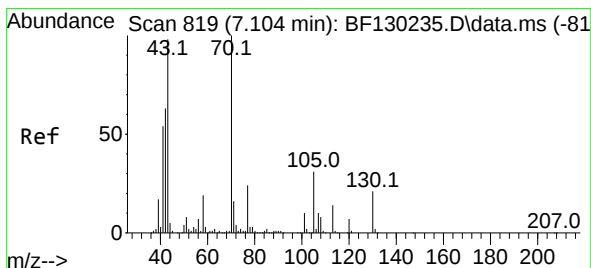
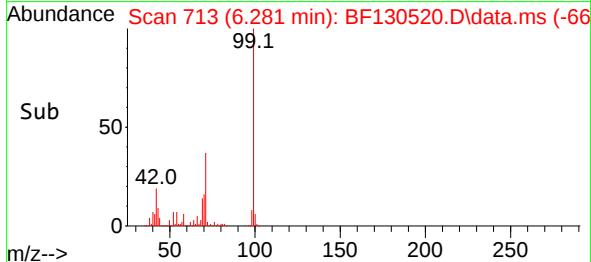
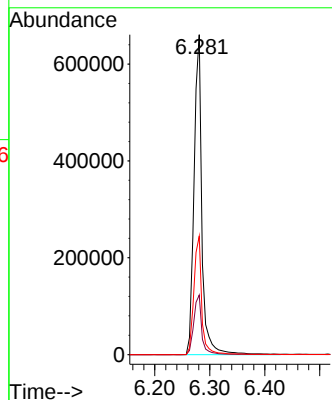
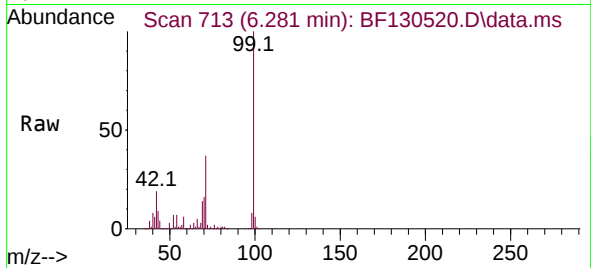




#7
Phenol-d6
Concen: 114.694 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130520.D
Acq: 04 Oct 2022 16:12

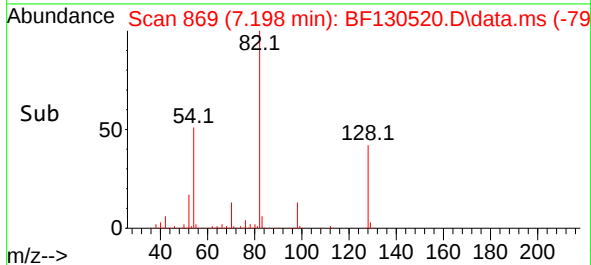
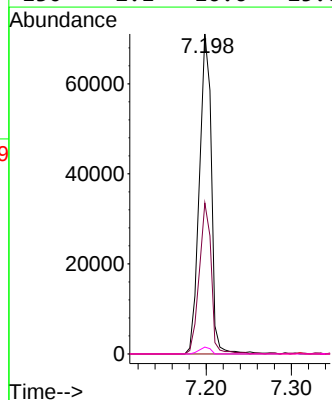
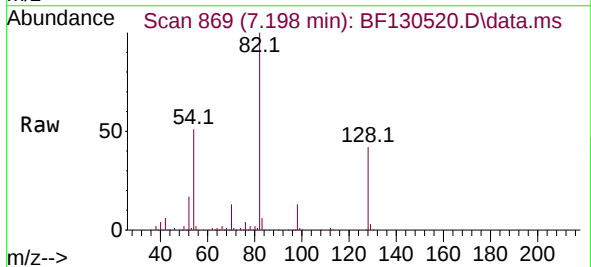
Instrument :
BNA_F
ClientSampleId :

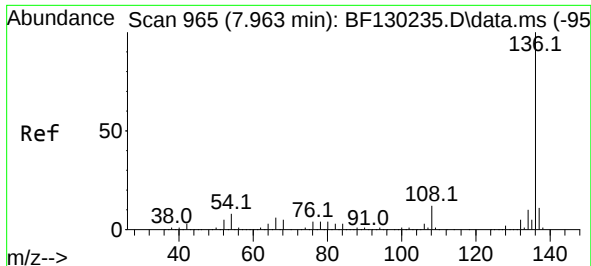
Tgt Ion: 99 Resp: 659400
Ion Ratio Lower Upper
99 100
42 18.6 17.0 25.6
71 37.0 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.919 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.130 min
Lab File: BF130520.D
Acq: 04 Oct 2022 16:12

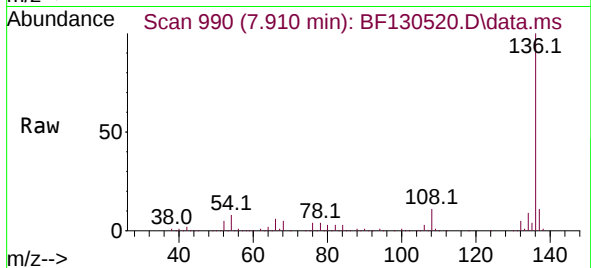
Tgt Ion: 70 Resp: 69517
Ion Ratio Lower Upper
70 100
42 47.2 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#



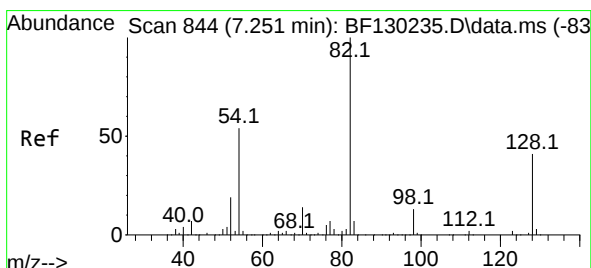
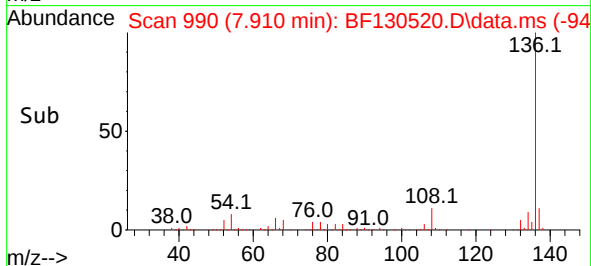
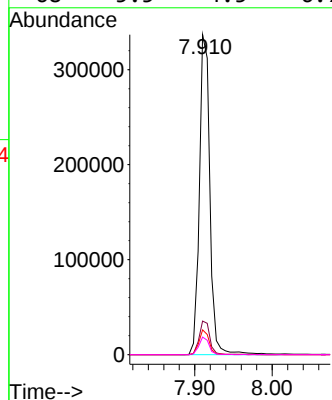


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.910 min Scan# 99
Delta R.T. -0.018 min
Lab File: BF130520.D
Acq: 04 Oct 2022 16:12

Instrument :
BNA_F
ClientSampleId :

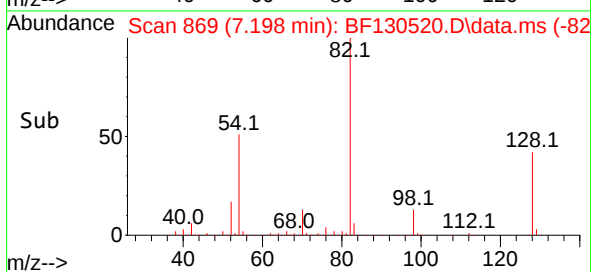
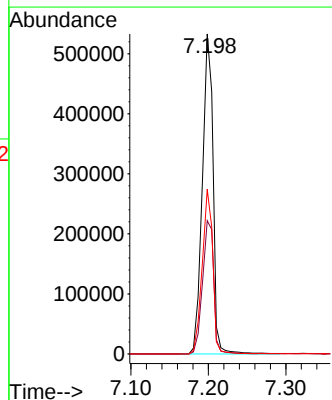
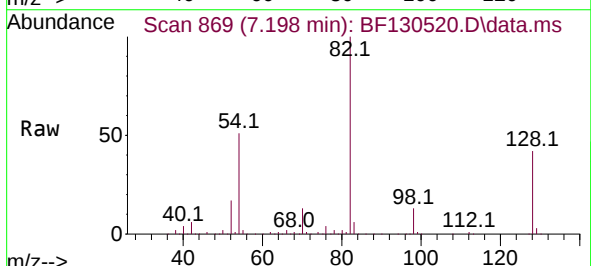


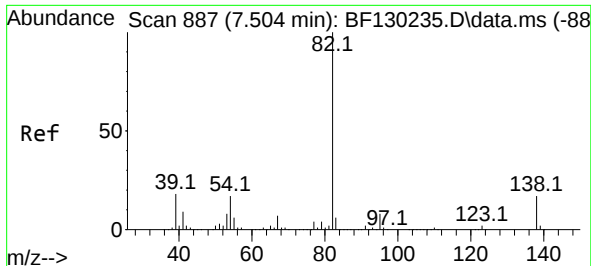
Tgt Ion:136 Resp: 316575
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 7.7 7.1 10.7
68 5.5 4.5 6.7



#23
Nitrobenzene-d5
Concen: 82.751 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.018 min
Lab File: BF130520.D
Acq: 04 Oct 2022 16:12

Tgt Ion: 82 Resp: 512774
Ion Ratio Lower Upper
82 100
128 41.6 32.6 49.0
54 51.4 43.8 65.6

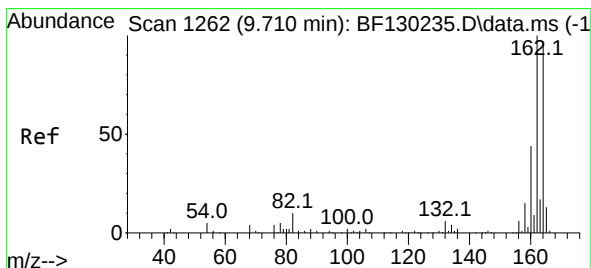
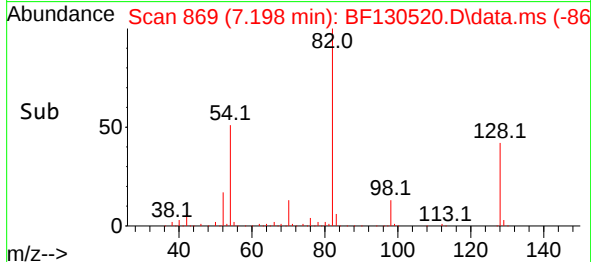
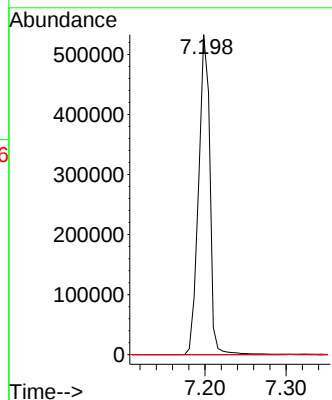
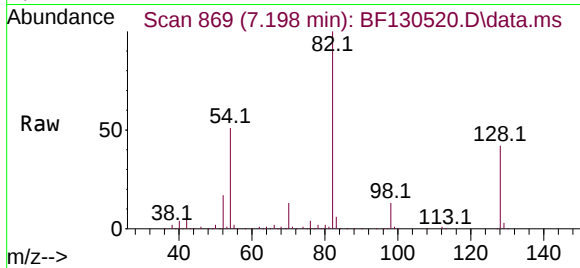




#25
Isophorone
Concen: 51.342 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.276 min
Lab File: BF130520.D
Acq: 04 Oct 2022 16:12

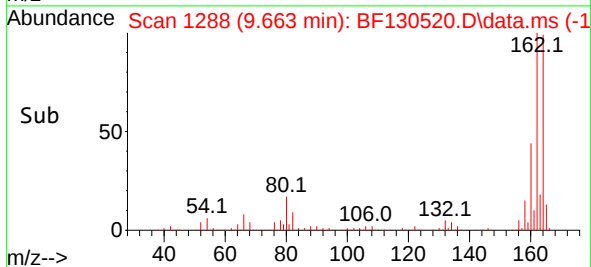
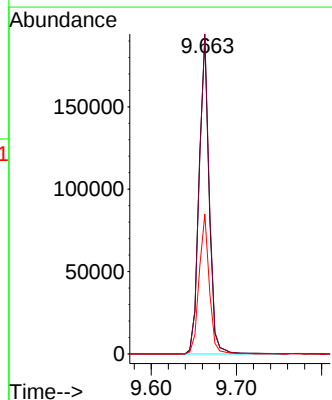
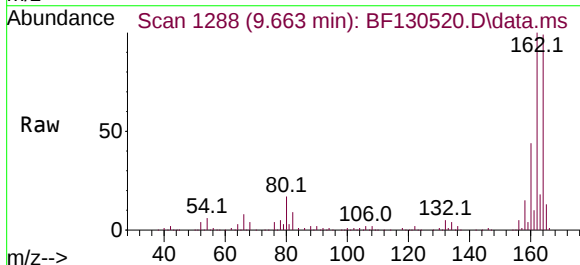
Instrument :
BNA_F
ClientSampleId :

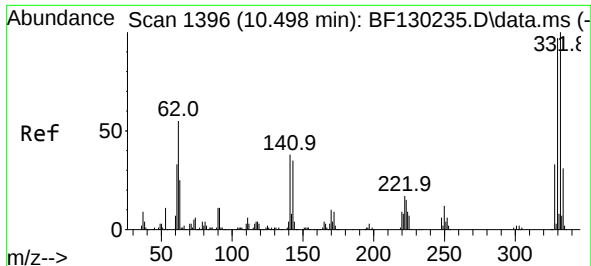
Tgt Ion: 82 Resp: 512771
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.018 min
Lab File: BF130520.D
Acq: 04 Oct 2022 16:12

Tgt Ion:164 Resp: 157435
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 44.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 122.523 ng

RT: 10.451 min Scan# 1422

Delta R.T. -0.018 min

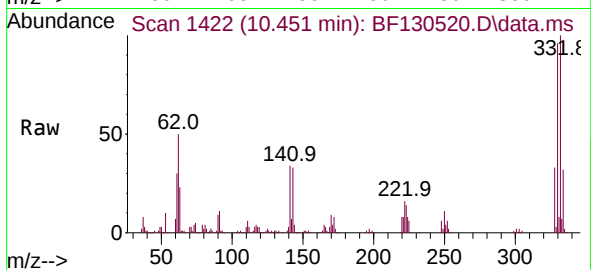
Lab File: BF130520.D

Acq: 04 Oct 2022 16:12

Instrument :

BNA_F

ClientSampleId :



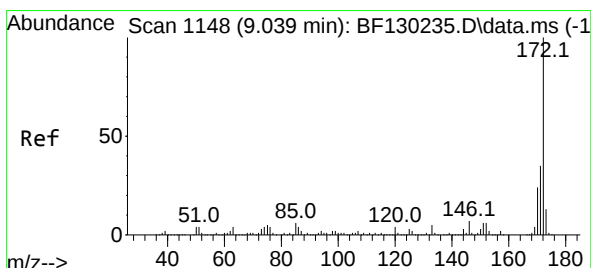
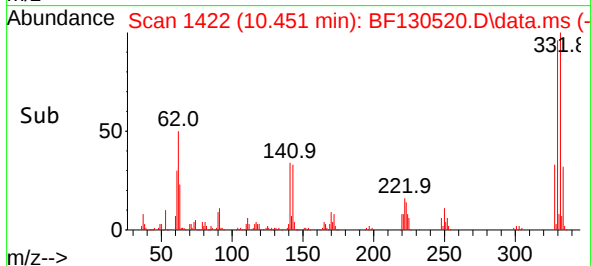
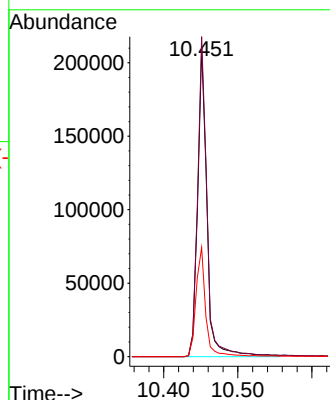
Tgt Ion:330 Resp: 184830

Ion Ratio Lower Upper

330 100

332 104.1 83.4 125.2

141 36.1 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 84.320 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.018 min

Lab File: BF130520.D

Acq: 04 Oct 2022 16:12

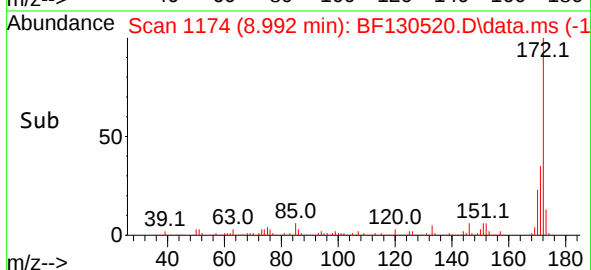
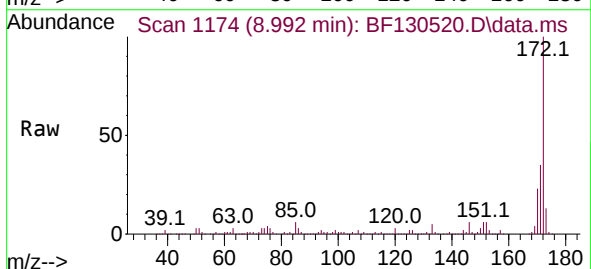
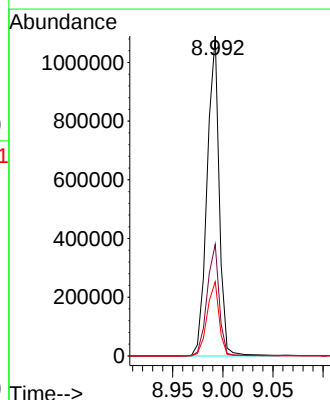
Tgt Ion:172 Resp: 911615

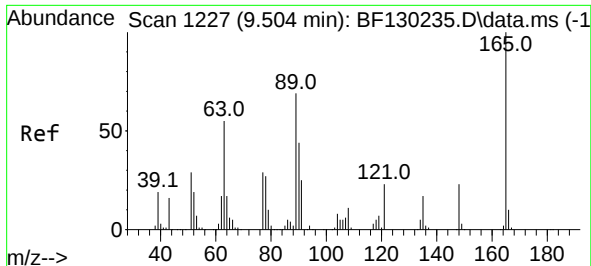
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.2 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 8.930 ng

RT: 9.663 min Scan# 1288

Delta R.T. 0.188 min

Lab File: BF130520.D

Acq: 04 Oct 2022 16:12

Instrument :

BNA_F

ClientSampleId :

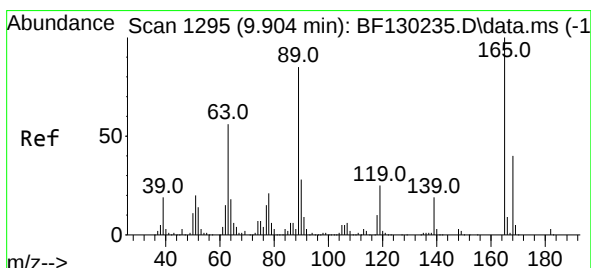
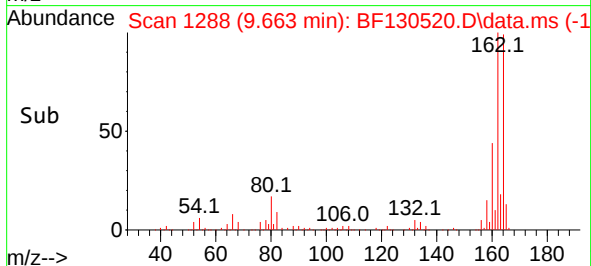
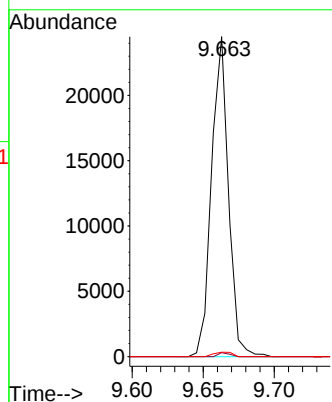
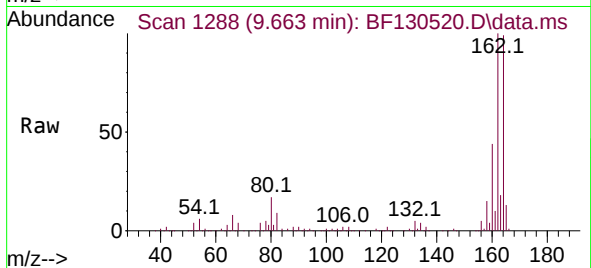
Tgt Ion:165 Resp: 20310

Ion Ratio Lower Upper

165 100

63 1.2 58.8 88.2#

89 1.4 54.5 81.7#



#57

2,4-Dinitrotoluene

Concen: 6.987 ng

RT: 9.663 min Scan# 1288

Delta R.T. -0.212 min

Lab File: BF130520.D

Acq: 04 Oct 2022 16:12

Tgt Ion:165 Resp: 20310

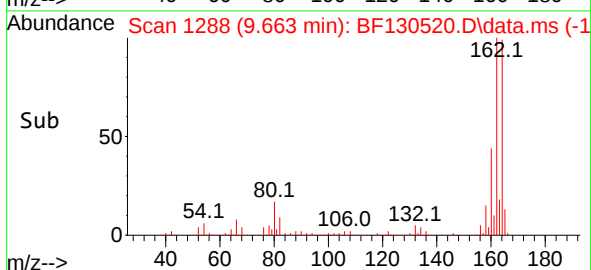
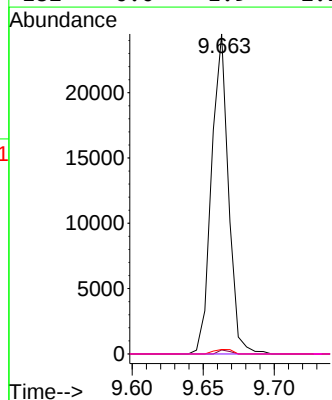
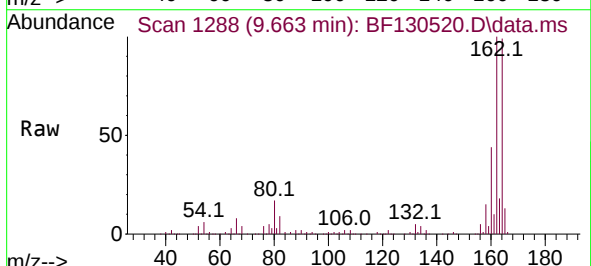
Ion Ratio Lower Upper

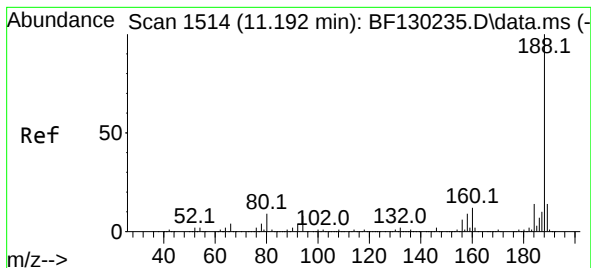
165 100

63 1.2 44.7 67.1#

89 1.4 69.0 103.4#

182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.139 min Scan# 11

Delta R.T. -0.018 min

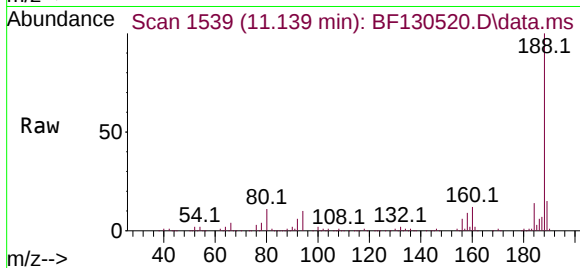
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Acq: 04 Oct 2022 16:12

Instrument :

BNA_F

ClientSampleId :



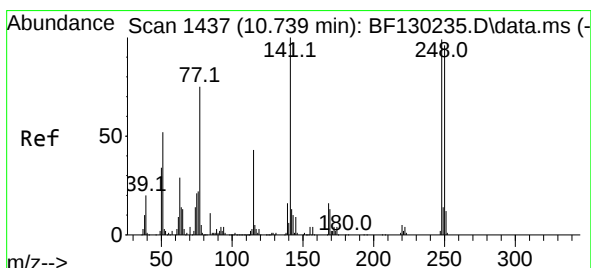
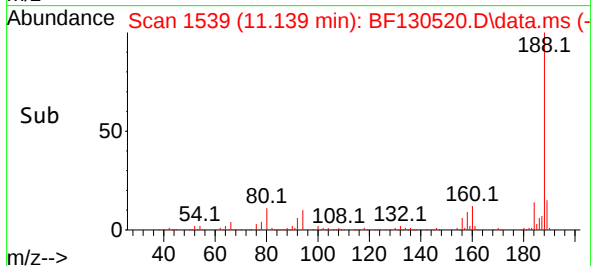
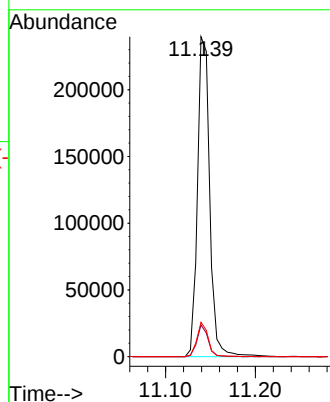
Tgt Ion:188 Resp: 226896

Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.2

80 10.7 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.502 ng

RT: 10.451 min Scan# 1422

Delta R.T. -0.259 min

Lab File: BF130520.D

Acq: 04 Oct 2022 16:12

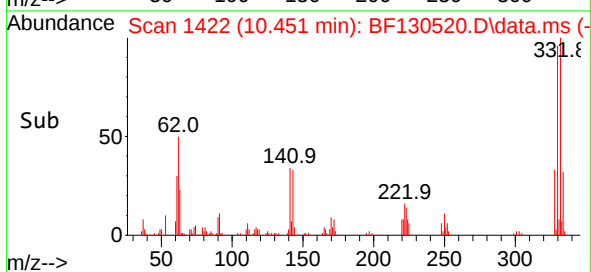
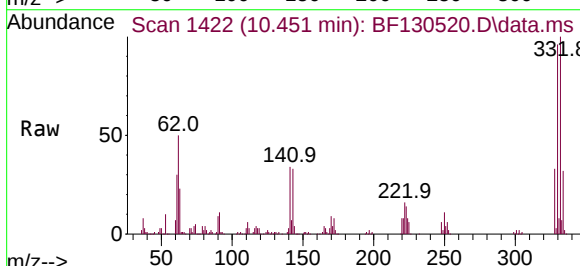
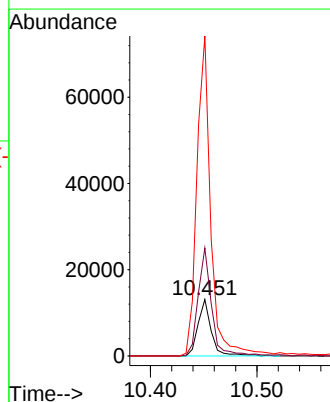
Tgt Ion:248 Resp: 11269

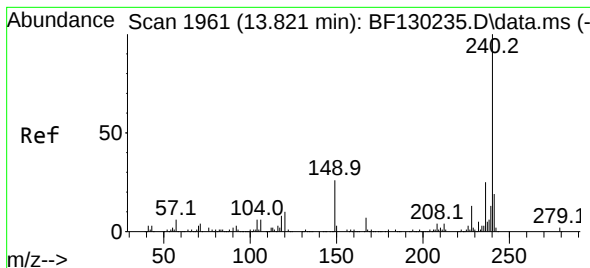
Ion Ratio Lower Upper

248 100

250 191.1 80.0 120.0#

141 566.5 68.5 102.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.774 min Scan# 1961

Delta R.T. -0.018 min

Lab File: BF130520.D

Acq: 04 Oct 2022 16:12

Instrument :

BNA_F

ClientSampleId :

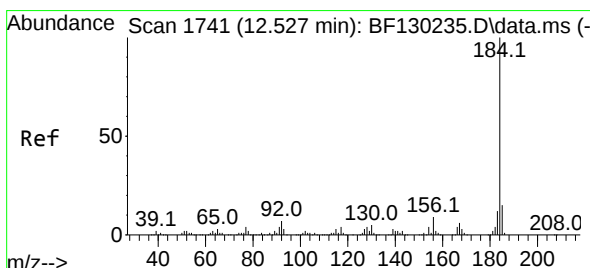
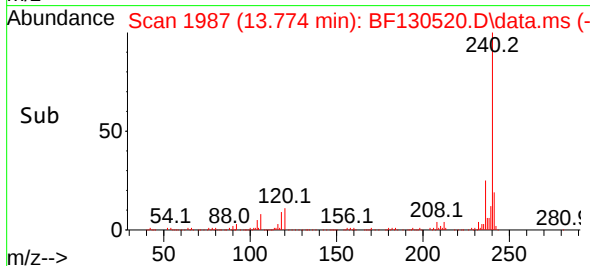
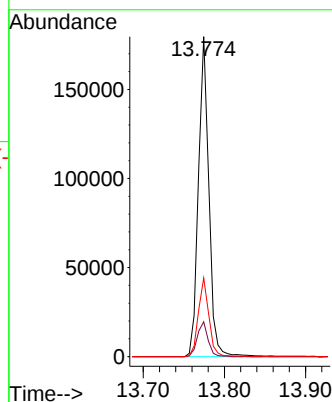
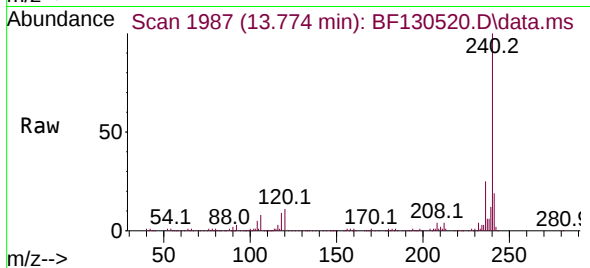
Tgt Ion:240 Resp: 160314

Ion Ratio Lower Upper

240 100

120 10.9 8.7 13.1

236 24.6 20.9 31.3



#77

Benzidine

Concen: 95.600 ng

RT: 12.486 min Scan# 1768

Delta R.T. -0.012 min

Lab File: BF130520.D

Acq: 04 Oct 2022 16:12

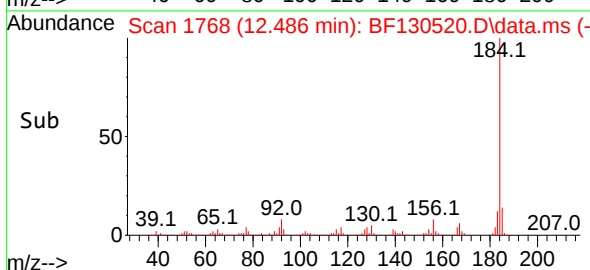
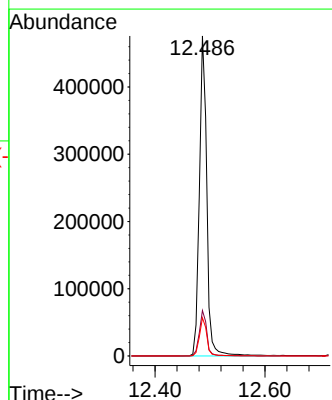
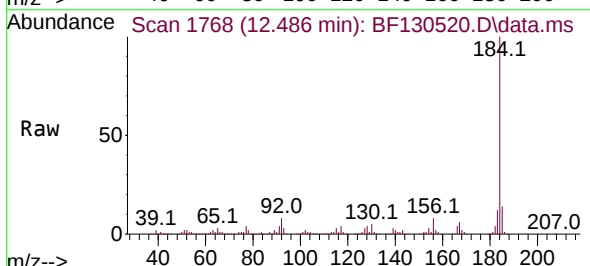
Tgt Ion:184 Resp: 444900

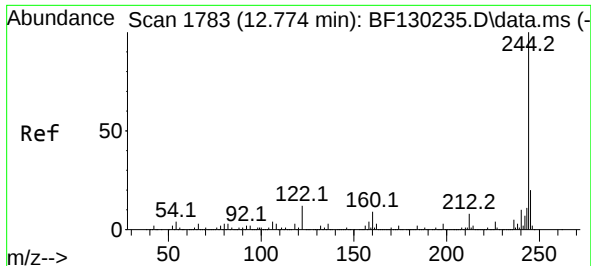
Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.6

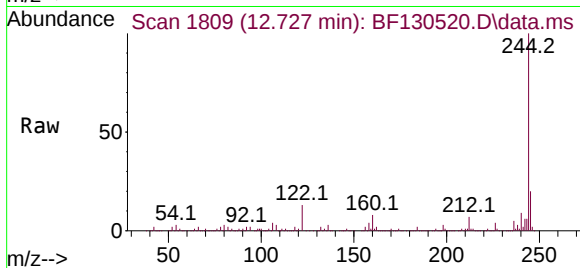
183 11.9 9.1 13.7



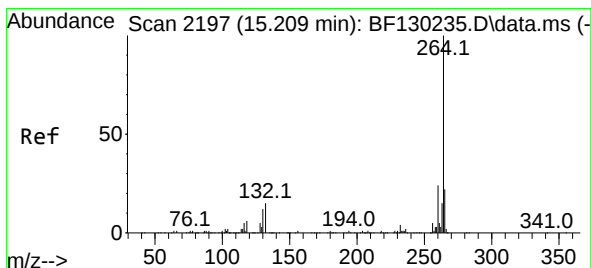
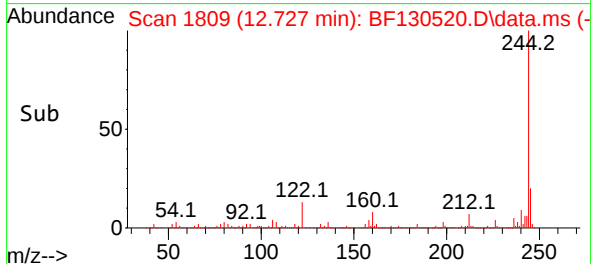
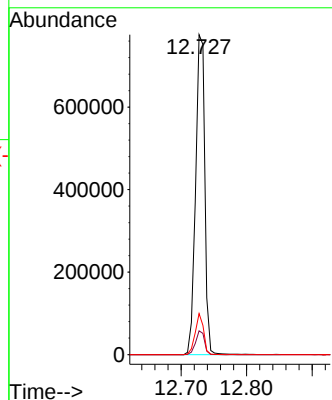


#79
 Terphenyl-d14
 Concen: 78.233 ng
 RT: 12.727 min Scan# 1809
 Delta R.T. -0.018 min
 Lab File: BF130520.D
 Acq: 04 Oct 2022 16:12

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 757131
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 12.9 8.5 12.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.163 min Scan# 2223
 Delta R.T. -0.012 min
 Lab File: BF130520.D
 Acq: 04 Oct 2022 16:12

Tgt Ion:264 Resp: 188300
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 21.2 17.0 25.4

