

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130572.D
 Acq On : 07 Oct 2022 12:18
 Operator : CG\JU
 Sample : N5009-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 006-3DL

Quant Time: Oct 10 01:42:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

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

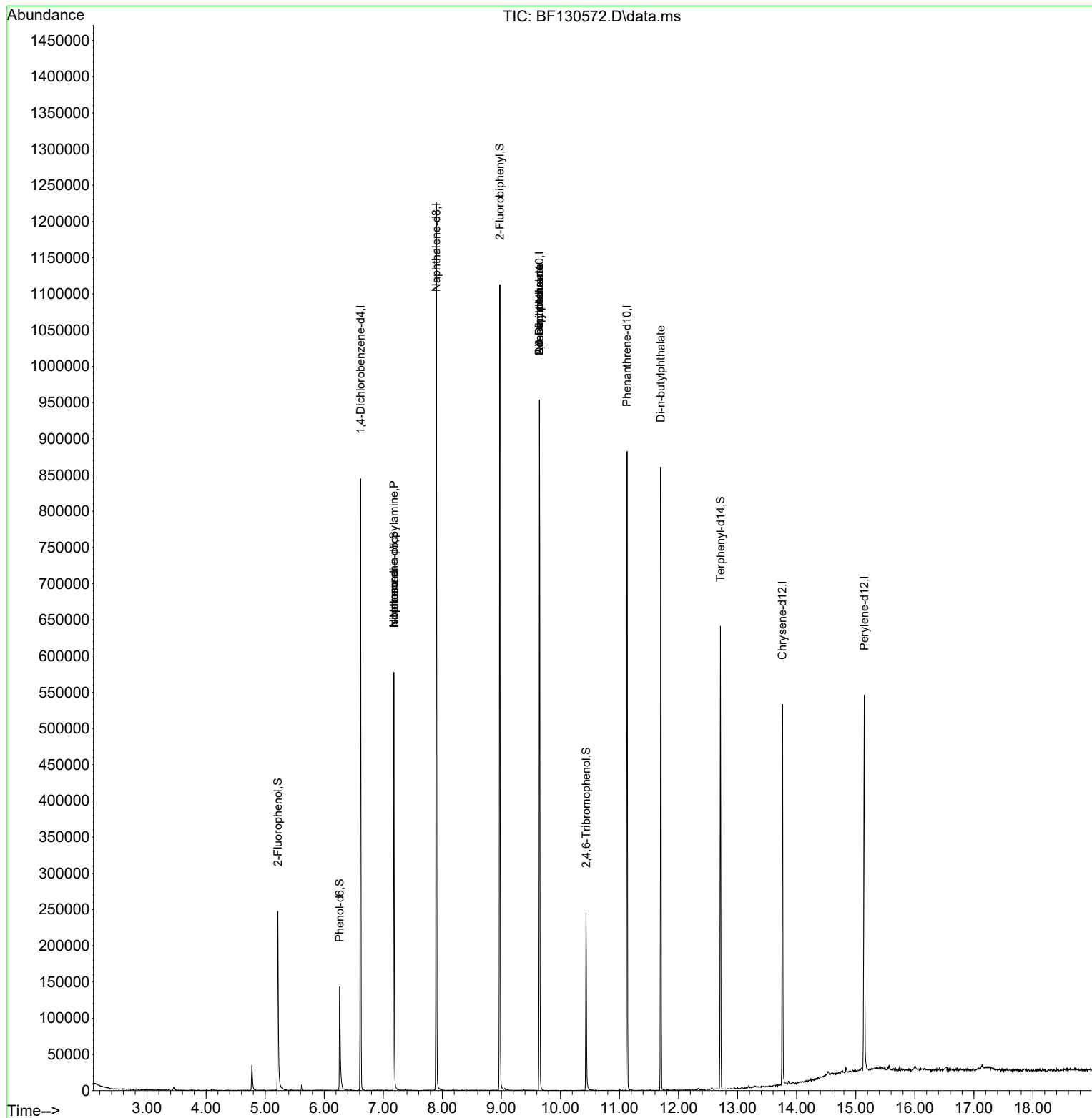
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	113052	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	495671	20.000	ng	0.00
39) Acenaphthene-d10	9.645	164	188923	20.000	ng	0.00
64) Phenanthrene-d10	11.127	188	295051	20.000	ng	0.00
76) Chrysene-d12	13.757	240	176969	20.000	ng	0.00
86) Perylene-d12	15.145	264	206071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	80974	12.423	ng	0.00
7) Phenol-d6	6.263	99	61253	7.511	ng	0.00
23) Nitrobenzene-d5	7.181	82	161980	16.695	ng	-0.01
42) 2,4,6-Tribromophenol	10.433	330	30054	16.602	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	311169	23.984	ng	0.00
79) Terphenyl-d14	12.710	244	191403	17.916	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.181	70	21633	3.931	ng	# 70
25) Isophorone	7.181	82	161979	10.358	ng	# 66
50) Dimethylphthalate	9.645	163	34329	2.631	ng	# 1
51) 2,6-Dinitrotoluene	9.645	165	23686	8.679	ng	# 16
57) 2,4-Dinitrotoluene	9.645	165	23686	6.791	ng	# 16
74) Di-n-butylphthalate	11.698	149	407339	23.414	ng	99

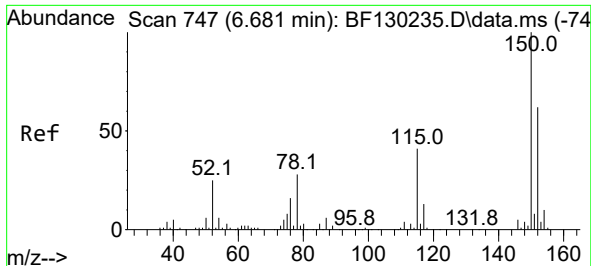
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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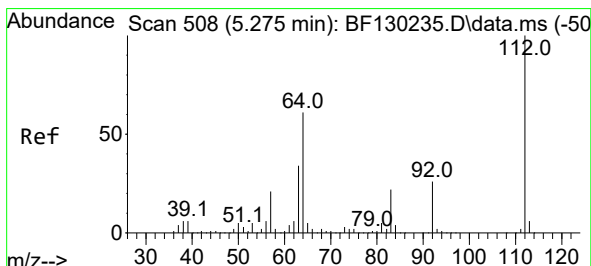
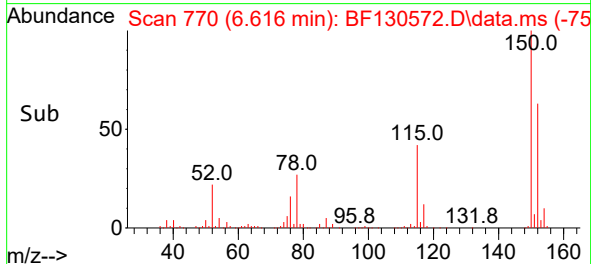
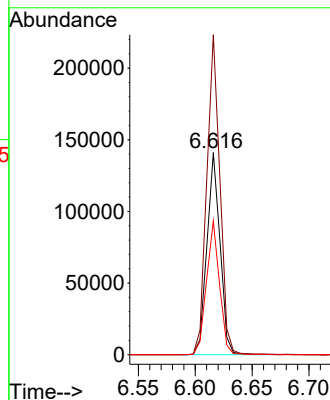
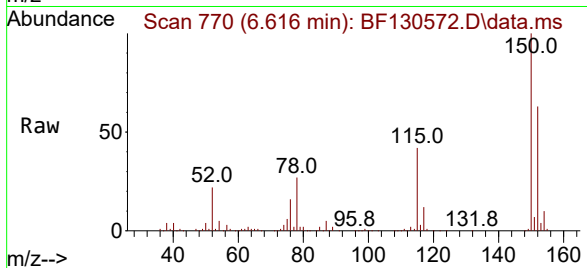




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.616 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130572.D
Acq: 07 Oct 2022 12:18

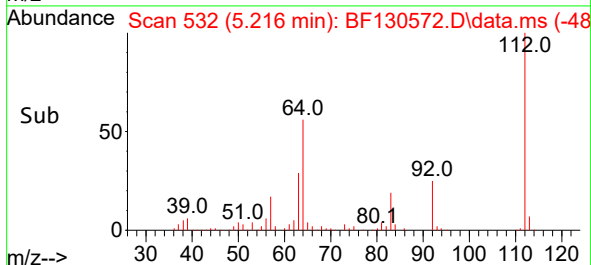
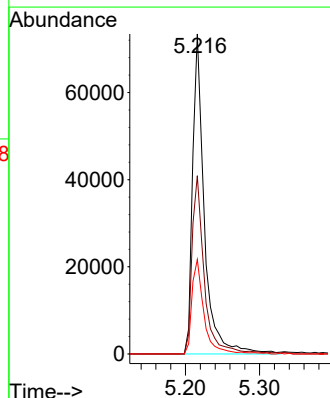
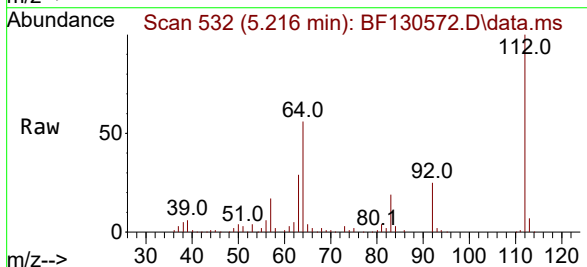
Instrument :
BNA_F
ClientSampleId :
006-3DL

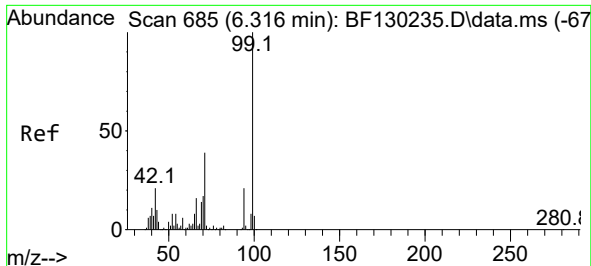
Tgt Ion:152 Resp: 113052
Ion Ratio Lower Upper
152 100
150 158.3 122.8 184.2
115 66.1 53.8 80.8



#5
2-Fluorophenol
Concen: 12.423 ng
RT: 5.216 min Scan# 532
Delta R.T. -0.000 min
Lab File: BF130572.D
Acq: 07 Oct 2022 12:18

Tgt Ion:112 Resp: 80974
Ion Ratio Lower Upper
112 100
64 55.7 51.4 77.0
63 29.5 28.8 43.2

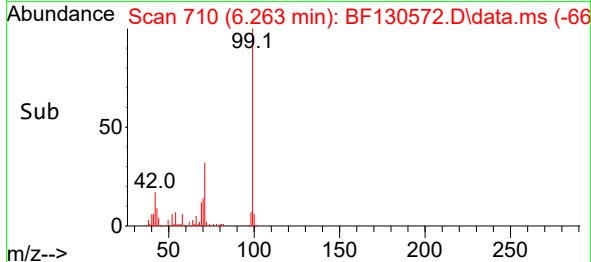
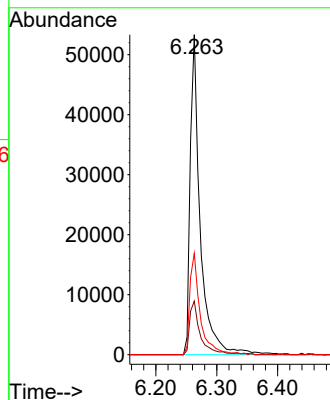
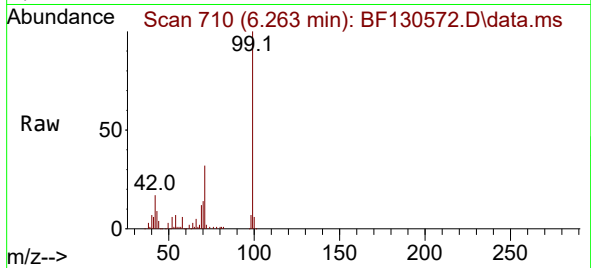




#7
Phenol-d6
Concen: 7.511 ng
RT: 6.263 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130572.D
Acq: 07 Oct 2022 12:18

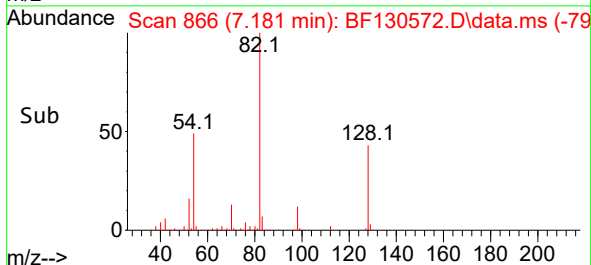
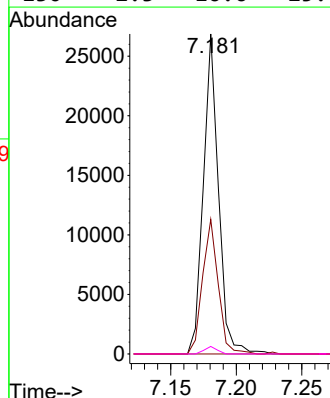
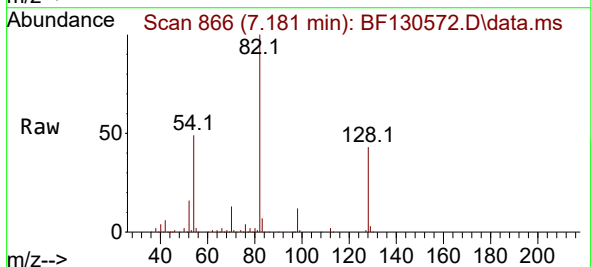
Instrument :
BNA_F
ClientSampleId :
006-3DL

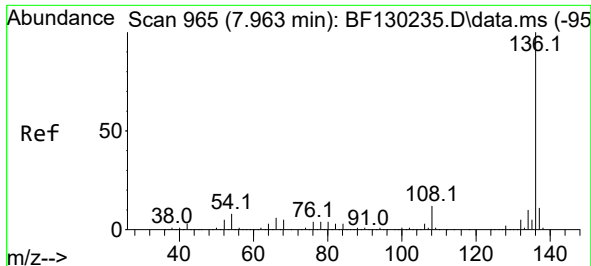
Tgt Ion: 99 Resp: 61253
Ion Ratio Lower Upper
99 100
42 16.7 17.0 25.6#
71 31.7 32.3 48.5#



#19
n-Nitroso-di-n-propylamine
Concen: 3.931 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.135 min
Lab File: BF130572.D
Acq: 07 Oct 2022 12:18

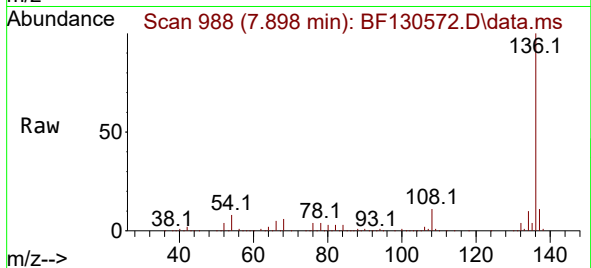
Tgt Ion: 70 Resp: 21633
Ion Ratio Lower Upper
70 100
42 42.1 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#



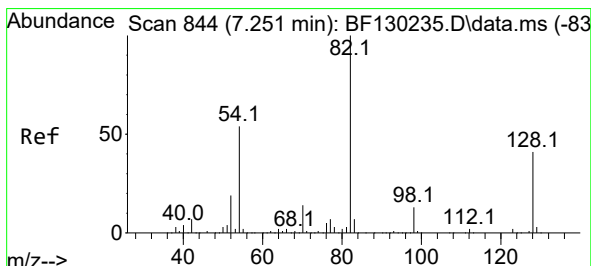
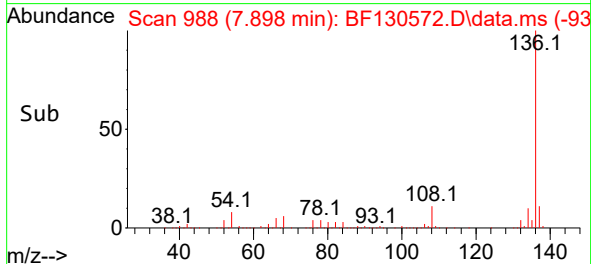
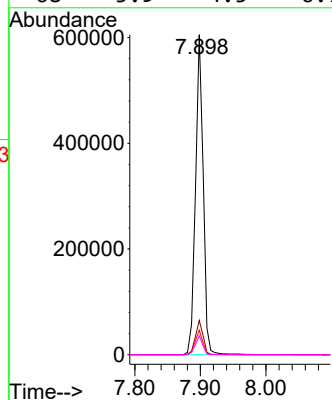


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130572.D
Acq: 07 Oct 2022 12:18

Instrument :
BNA_F
ClientSampleId :
006-3DL

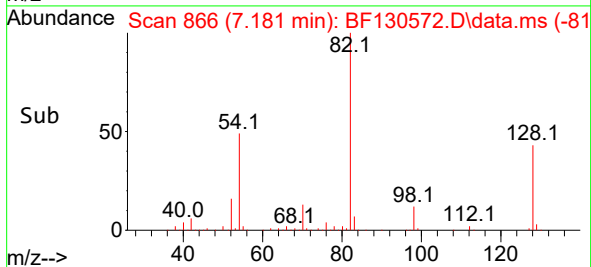
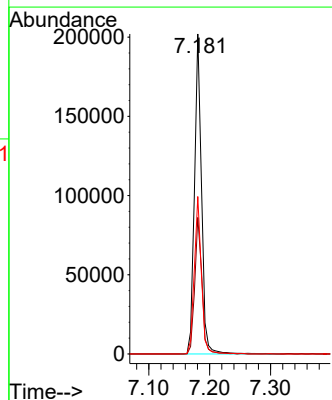
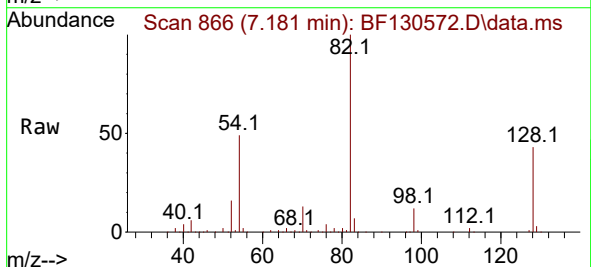


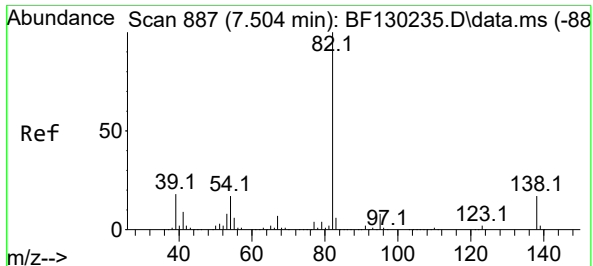
Tgt Ion:136 Resp: 495671
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 7.7 7.1 10.7
68 5.9 4.5 6.7



#23
Nitrobenzene-d5
Concen: 16.695 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF130572.D
Acq: 07 Oct 2022 12:18

Tgt Ion: 82 Resp: 161980
Ion Ratio Lower Upper
82 100
128 42.6 32.6 49.0
54 49.2 43.8 65.6

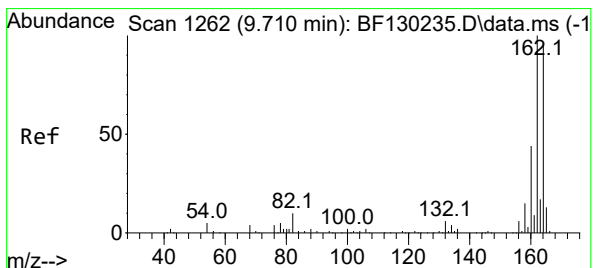
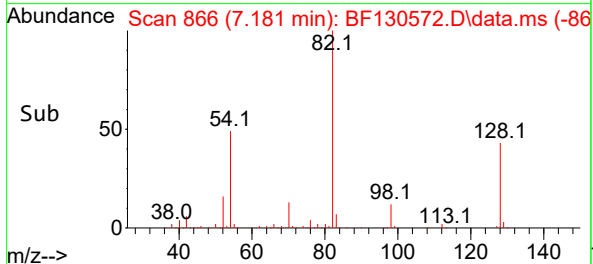
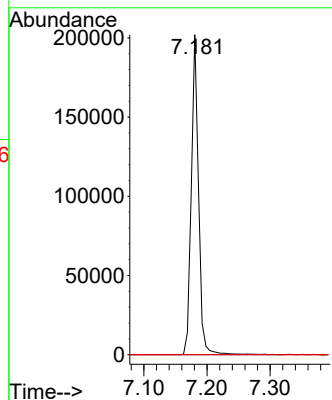
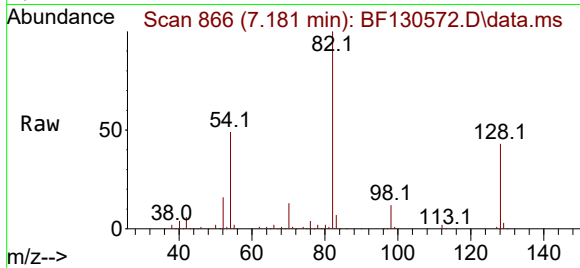




#25
Isophorone
Concen: 10.358 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF130572.D
Acq: 07 Oct 2022 12:18

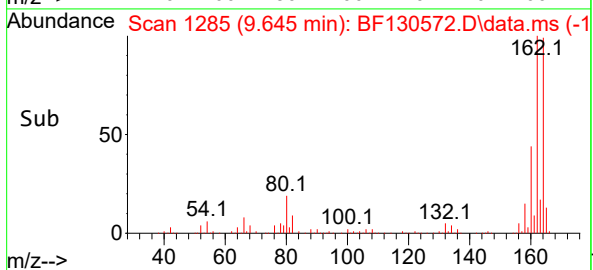
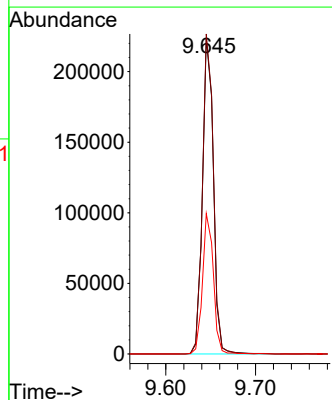
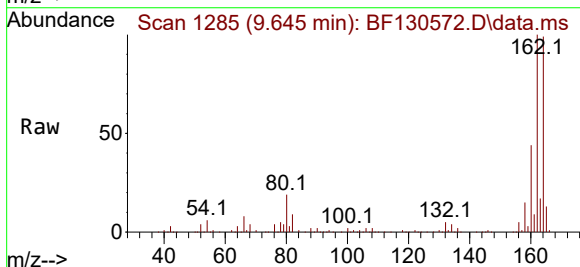
Instrument :
BNA_F
ClientSampleId :
006-3DL

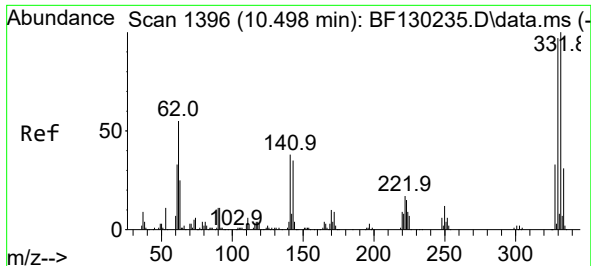
Tgt Ion: 82 Resp: 161979
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130572.D
Acq: 07 Oct 2022 12:18

Tgt Ion: 164 Resp: 188923
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 44.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 16.602 ng

RT: 10.433 min Scan# 1419

Delta R.T. -0.006 min

Lab File: BF130572.D

Acq: 07 Oct 2022 12:18

Instrument :

BNA_F

ClientSampleId :

006-3DL

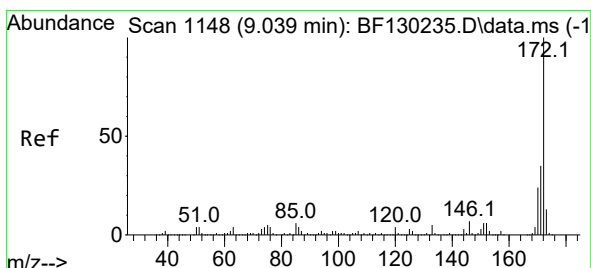
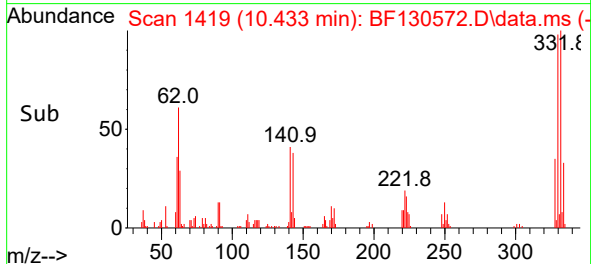
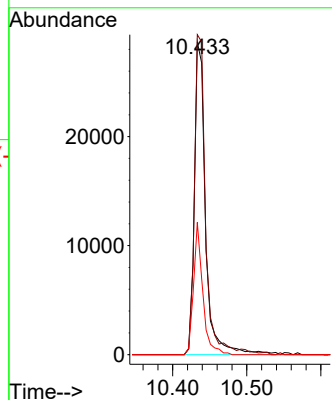
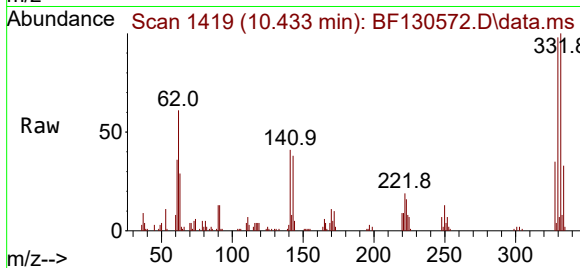
Tgt Ion:330 Resp: 30054

Ion Ratio Lower Upper

330 100

332 102.8 83.4 125.2

141 35.1 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 23.984 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF130572.D

Acq: 07 Oct 2022 12:18

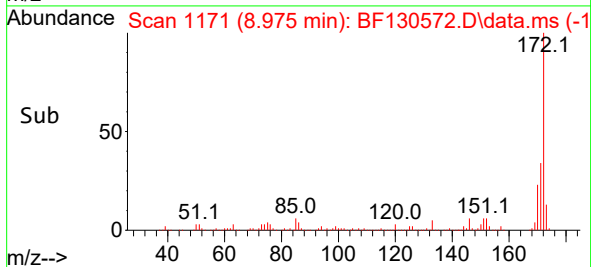
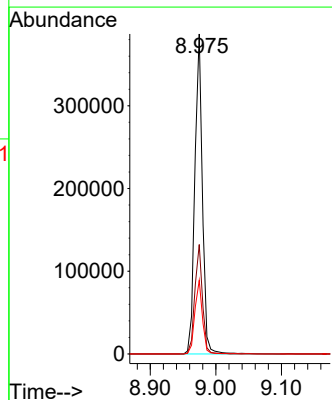
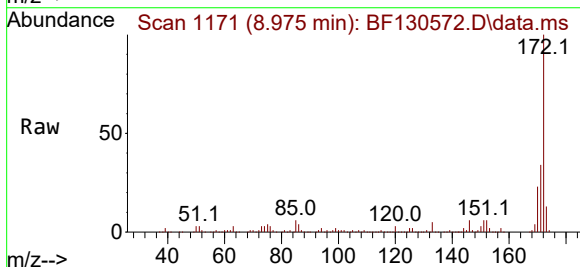
Tgt Ion:172 Resp: 311169

Ion Ratio Lower Upper

172 100

171 34.2 28.3 42.5

170 23.0 18.7 28.1

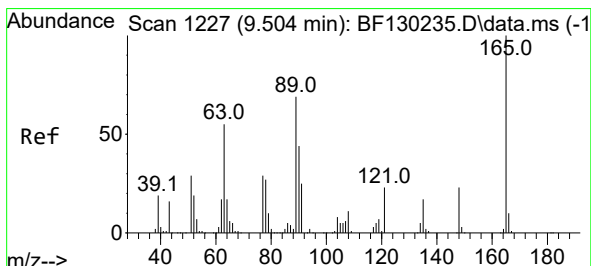
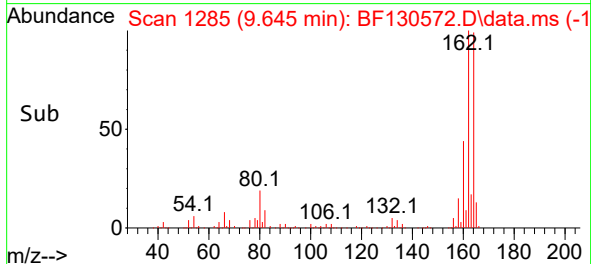
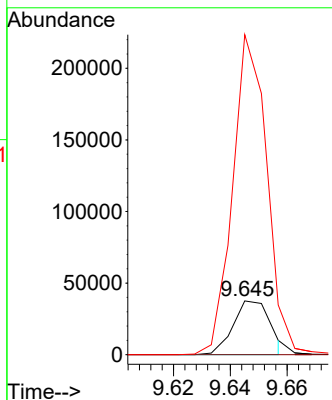
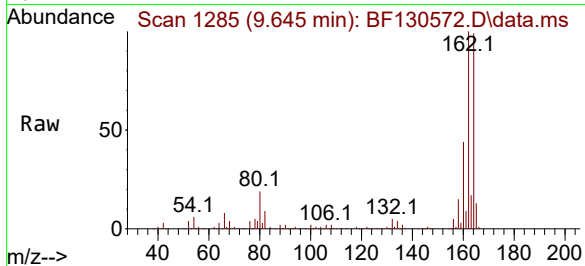




#50
Dimethylphthalate
Concen: 2.631 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.259 min
Lab File: BF130572.D
Acq: 07 Oct 2022 12:18

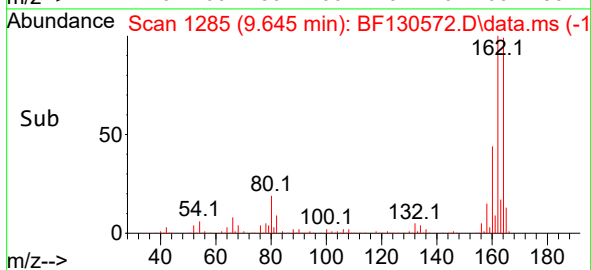
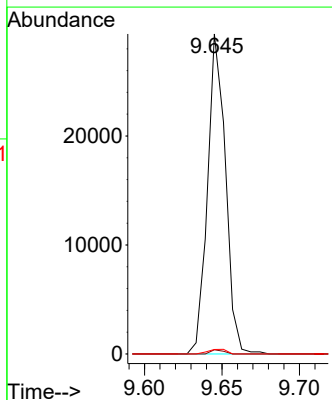
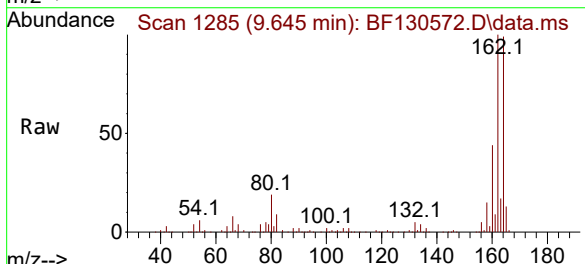
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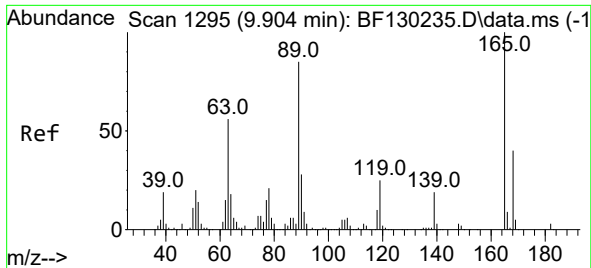
Tgt Ion:163 Resp: 34329
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 595.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.679 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.194 min
Lab File: BF130572.D
Acq: 07 Oct 2022 12:18

Tgt Ion:165 Resp: 23686
Ion Ratio Lower Upper
165 100
63 1.3 58.8 88.2#
89 1.4 54.5 81.7#

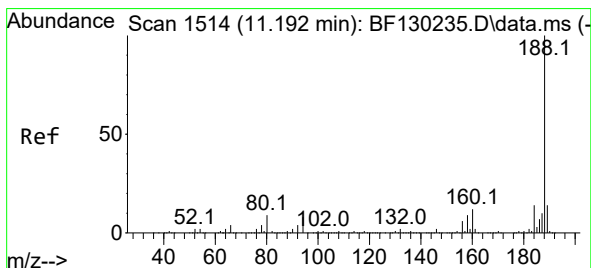
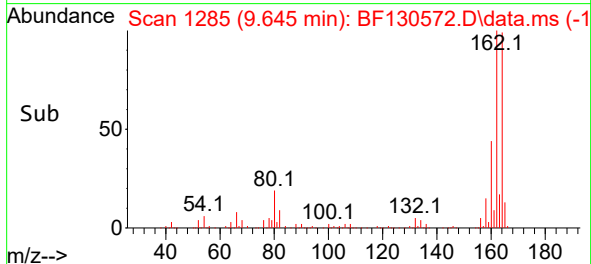
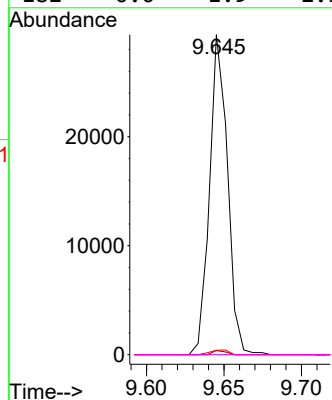
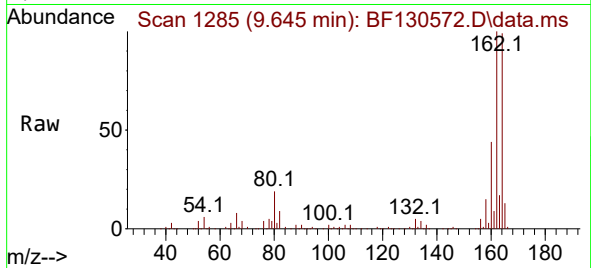




#57
2,4-Dinitrotoluene
Concen: 6.791 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130572.D
Acq: 07 Oct 2022 12:18

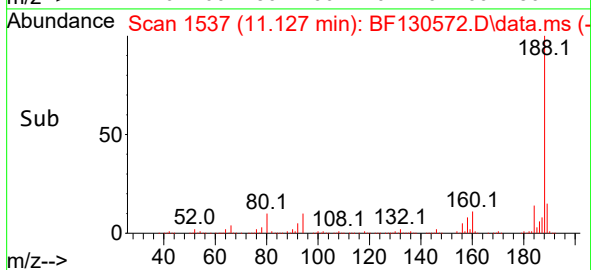
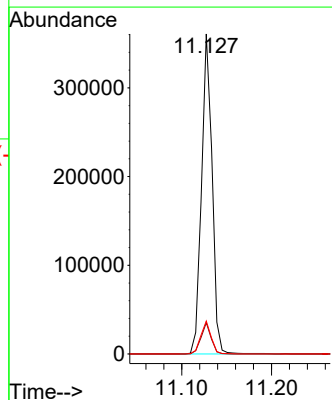
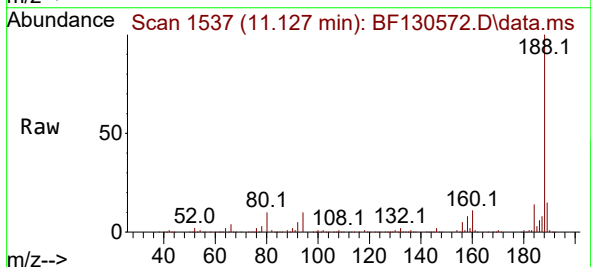
Instrument :
BNA_F
ClientSampleId :
006-3DL

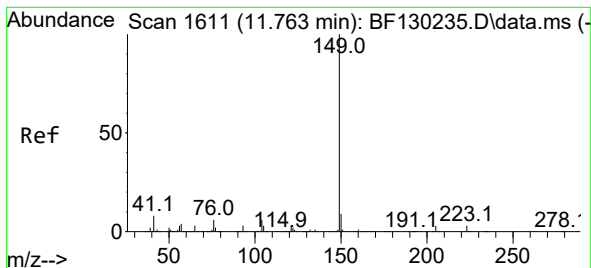
Tgt Ion:165 Resp: 23686
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.4 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.127 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BF130572.D
Acq: 07 Oct 2022 12:18

Tgt Ion:188 Resp: 295051
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.3 7.9 11.9





#74

Di-n-butylphthalate

Concen: 23.414 ng

RT: 11.698 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130572.D

Acq: 07 Oct 2022 12:18

Instrument :

BNA_F

ClientSampleId :

006-3DL

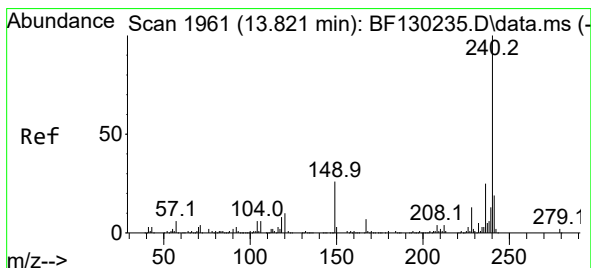
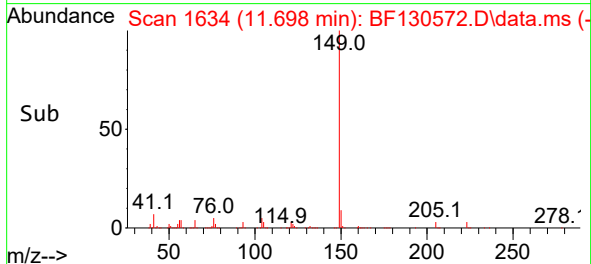
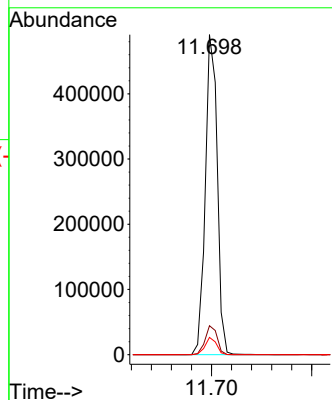
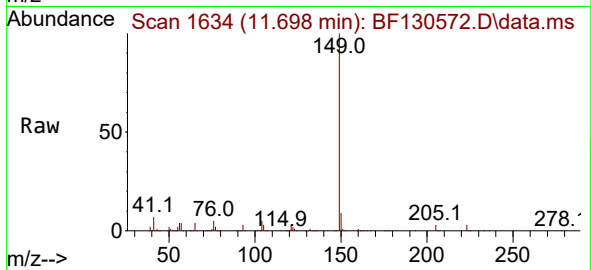
Tgt Ion:149 Resp: 407339

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.4 4.8 7.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.757 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BF130572.D

Acq: 07 Oct 2022 12:18

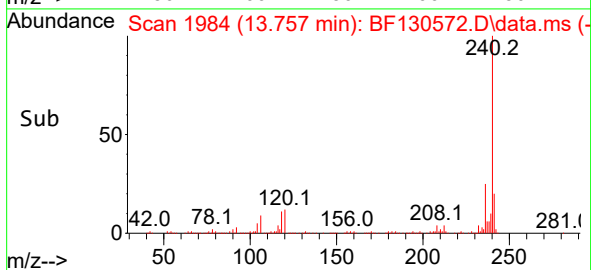
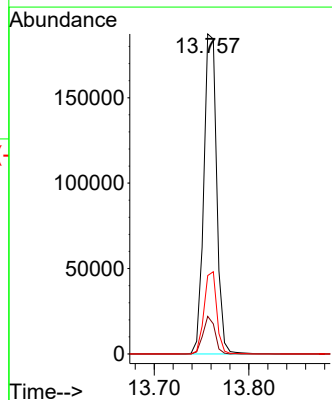
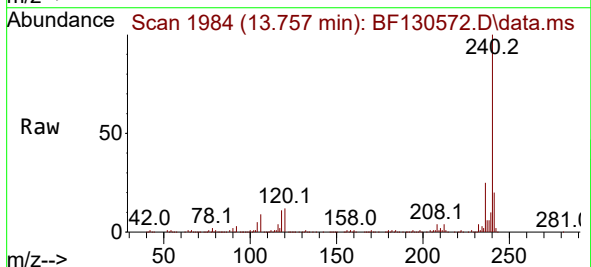
Tgt Ion:240 Resp: 176969

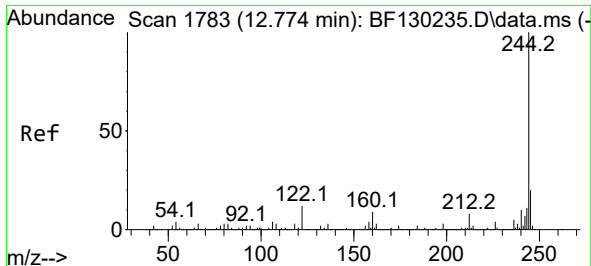
Ion Ratio Lower Upper

240 100

120 11.7 8.7 13.1

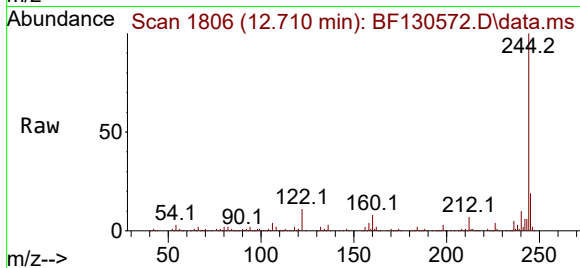
236 24.5 20.9 31.3



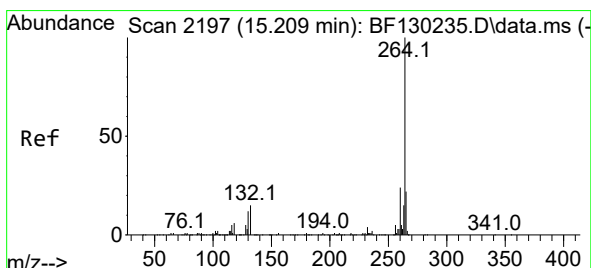
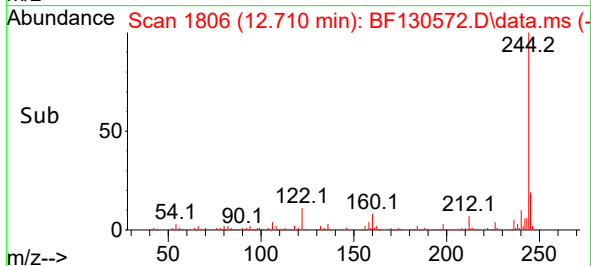
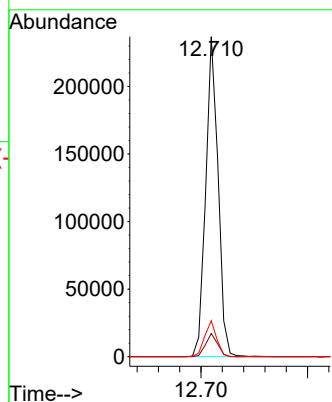


#79
 Terphenyl-d14
 Concen: 17.916 ng
 RT: 12.710 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130572.D
 Acq: 07 Oct 2022 12:18

Instrument :
 BNA_F
 ClientSampleId :
 006-3DL



Tgt Ion:244 Resp: 191403
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.2 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.145 min Scan# 2220
 Delta R.T. -0.000 min
 Lab File: BF130572.D
 Acq: 07 Oct 2022 12:18

Tgt Ion:264 Resp: 206071
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 21.3 17.0 25.4

