

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101022\
 Data File : BF130609.D
 Acq On : 10 Oct 2022 18:29
 Operator : CG\JU
 Sample : N5033-02DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 596C-2DL

Quant Time: Oct 11 03:26:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 16:07:40 2022
 Response via : Initial Calibration

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

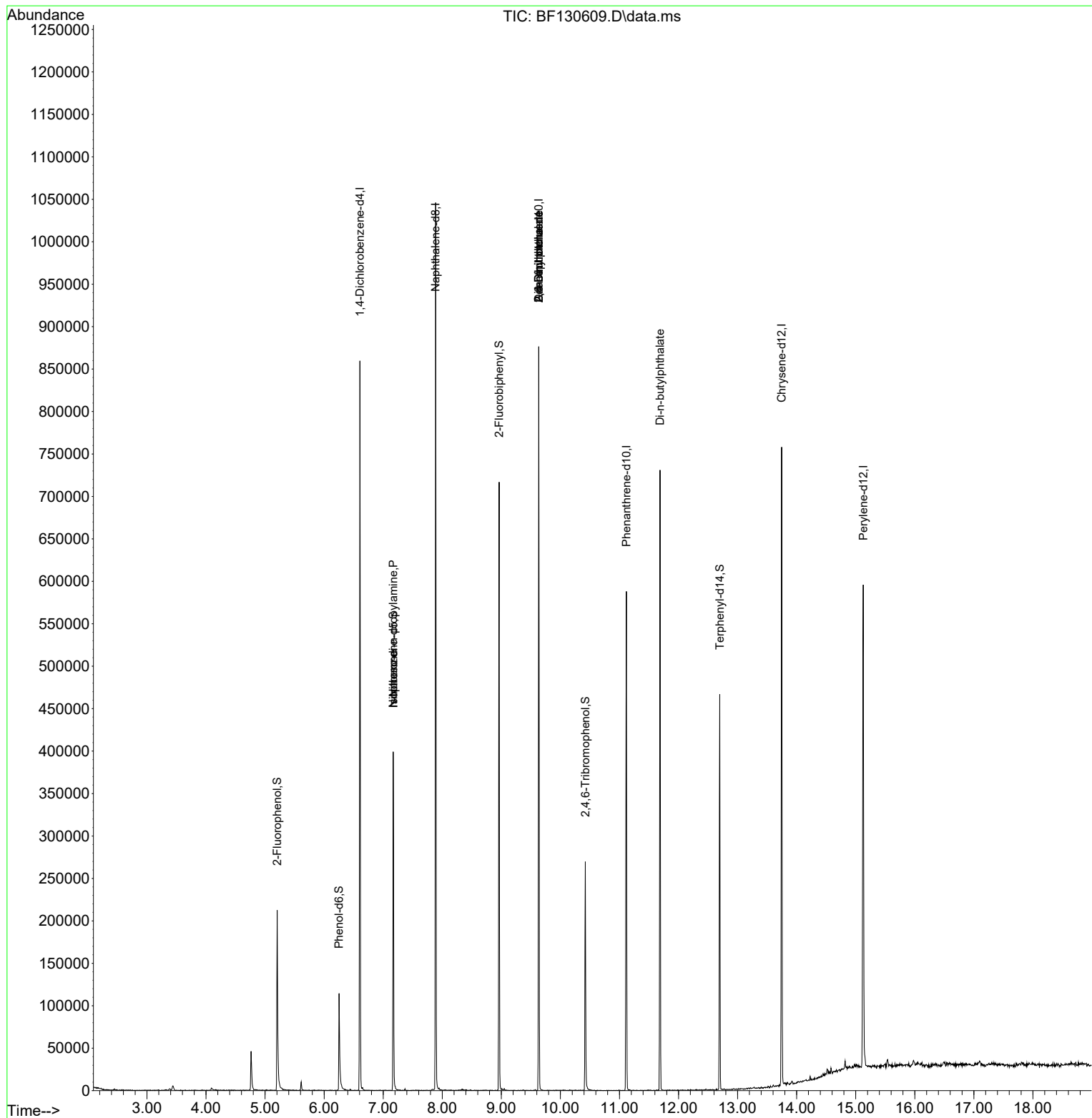
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.604	152	112364	20.000	ng	0.00
21) Naphthalene-d8	7.887	136	400767	20.000	ng	0.00
39) Acenaphthene-d10	9.634	164	158253	20.000	ng	0.00
64) Phenanthrene-d10	11.116	188	202351	20.000	ng	0.00
76) Chrysene-d12	13.745	240	228116	20.000	ng	0.00
86) Perylene-d12	15.127	264	230172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.204	112	69889	10.788	ng	0.00
7) Phenol-d6	6.251	99	47665	5.880	ng	0.00
23) Nitrobenzene-d5	7.169	82	115675	14.746	ng	-0.01
42) 2,4,6-Tribromophenol	10.422	330	30654	20.215	ng	0.00
45) 2-Fluorobiphenyl	8.963	172	192060	17.673	ng	0.00
79) Terphenyl-d14	12.698	244	143739	10.438	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.169	70	14826	2.711	ng	# 73
25) Isophorone	7.169	82	115673	9.149	ng	# 66
50) Dimethylphthalate	9.634	163	29180	2.669	ng	# 1
51) 2,6-Dinitrotoluene	9.634	165	20273	8.868	ng	# 16
57) 2,4-Dinitrotoluene	9.634	165	20273	6.939	ng	# 16
74) Di-n-butylphthalate	11.686	149	329760	27.638	ng	99

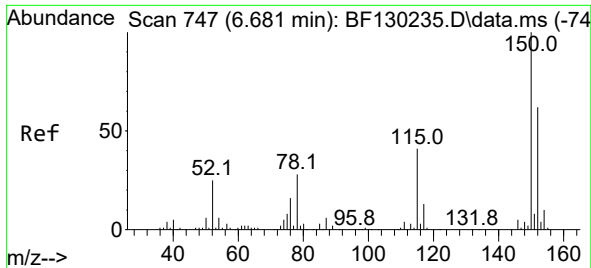
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
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596C-2DL

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Response via : Initial Calibration

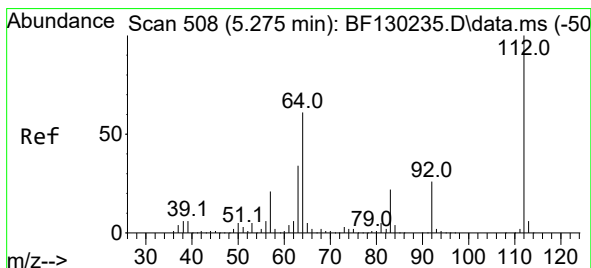
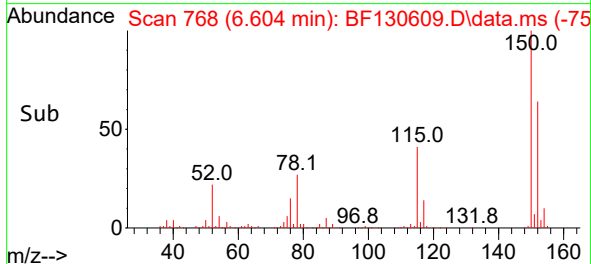
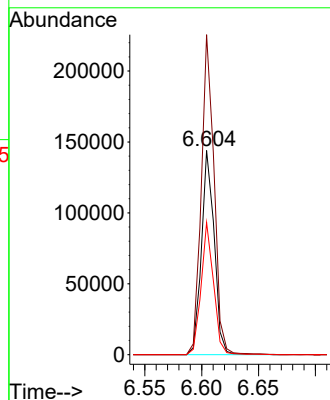
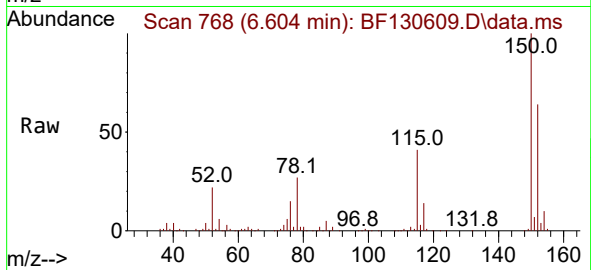




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.604 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF130609.D
Acq: 10 Oct 2022 18:29

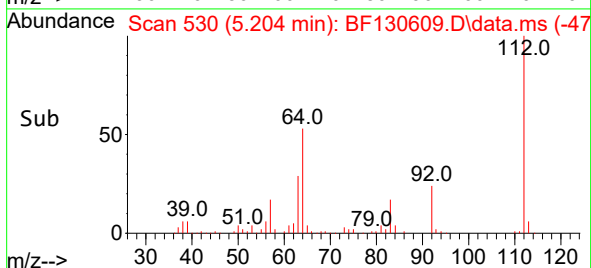
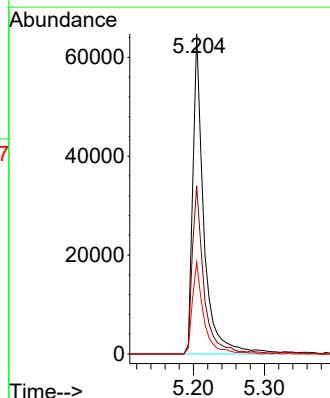
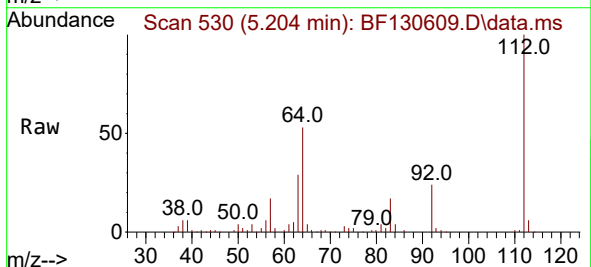
Instrument :
BNA_F
ClientSampleId :
596C-2DL

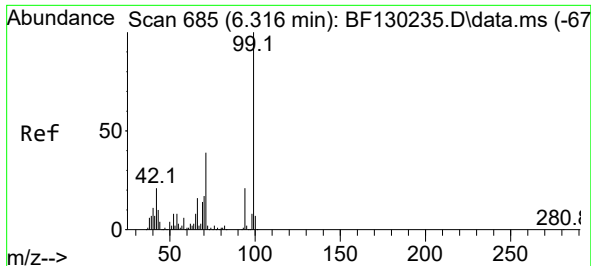
Tgt Ion:152 Resp: 112364
Ion Ratio Lower Upper
152 100
150 156.8 122.8 184.2
115 64.8 53.8 80.8



#5
2-Fluorophenol
Concen: 10.788 ng
RT: 5.204 min Scan# 530
Delta R.T. 0.000 min
Lab File: BF130609.D
Acq: 10 Oct 2022 18:29

Tgt Ion:112 Resp: 69889
Ion Ratio Lower Upper
112 100
64 52.5 51.4 77.0
63 28.7 28.8 43.2#

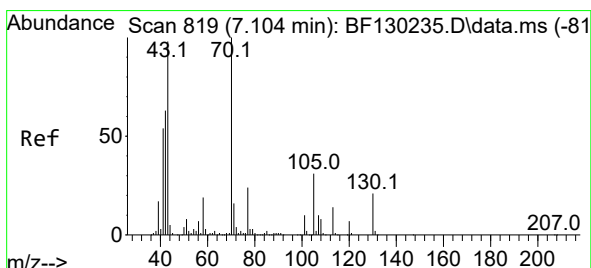
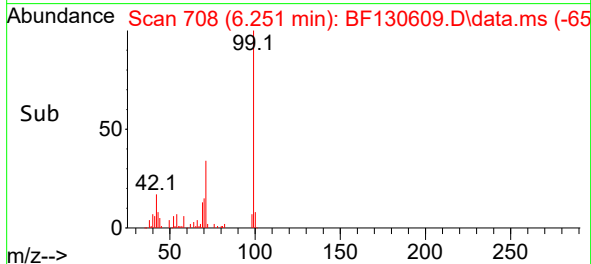
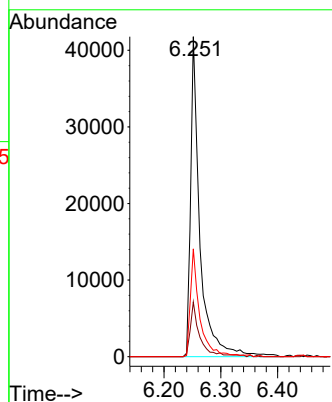
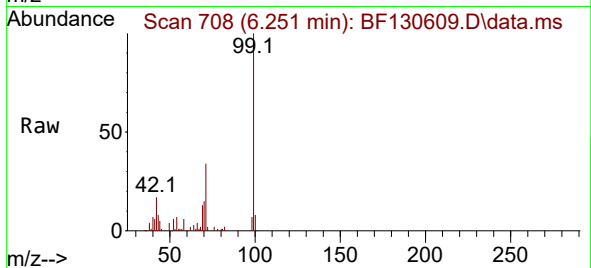




#7
Phenol-d6
Concen: 5.880 ng
RT: 6.251 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130609.D
Acq: 10 Oct 2022 18:29

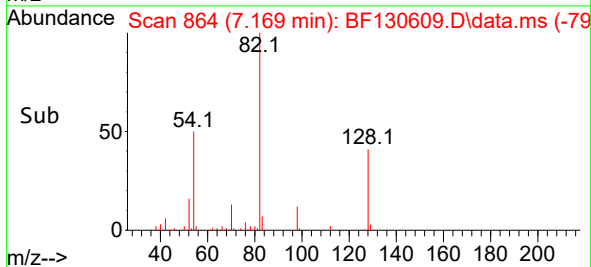
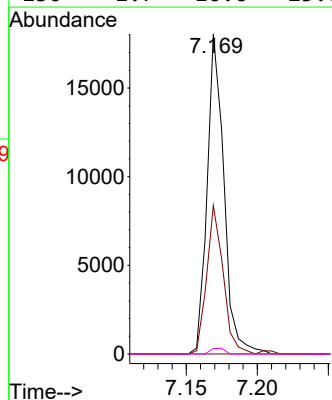
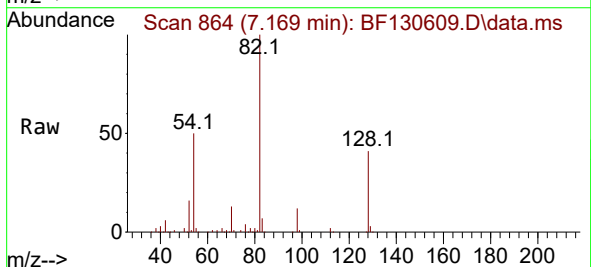
Instrument :
BNA_F
ClientSampleId :
596C-2DL

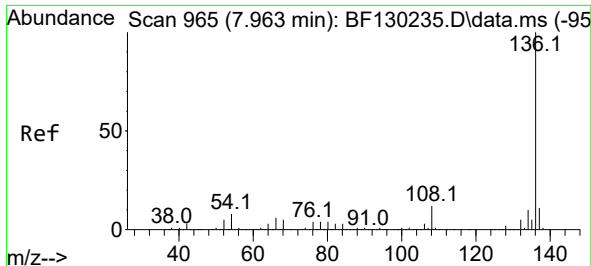
Tgt Ion: 99 Resp: 47665
Ion Ratio Lower Upper
99 100
42 17.1 17.0 25.6
71 33.7 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 2.711 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.135 min
Lab File: BF130609.D
Acq: 10 Oct 2022 18:29

Tgt Ion: 70 Resp: 14826
Ion Ratio Lower Upper
70 100
42 46.4 50.8 76.2#
101 0.0 8.2 12.4#
130 1.7 16.6 25.0#

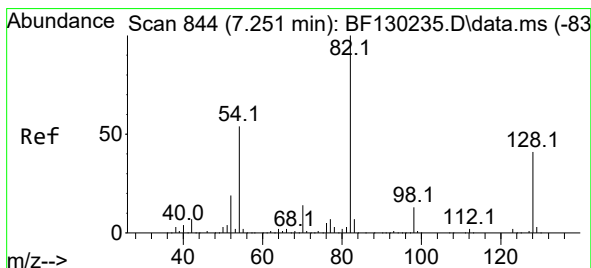
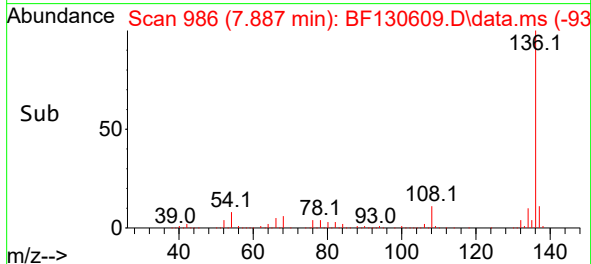
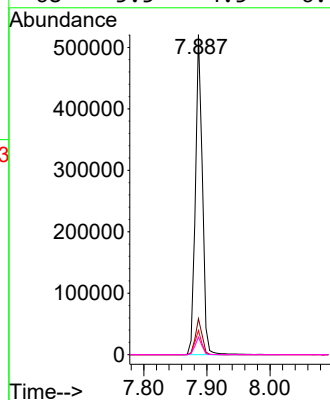
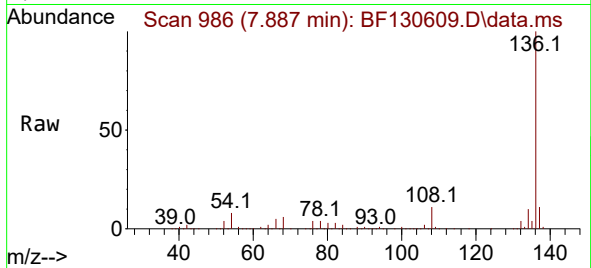




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.887 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130609.D
Acq: 10 Oct 2022 18:29

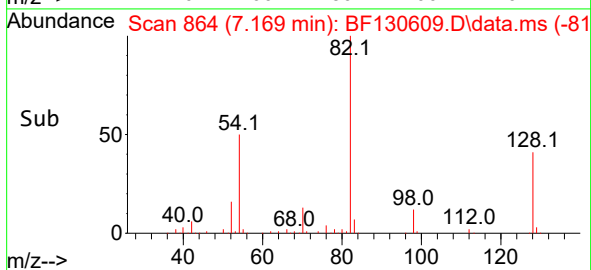
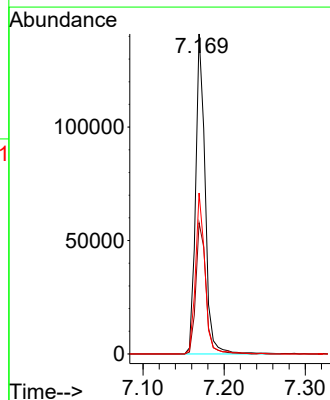
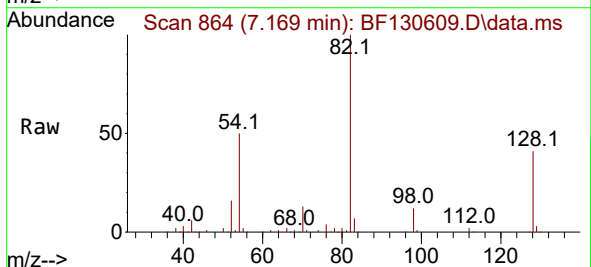
Instrument :
BNA_F
ClientSampleId :
596C-2DL

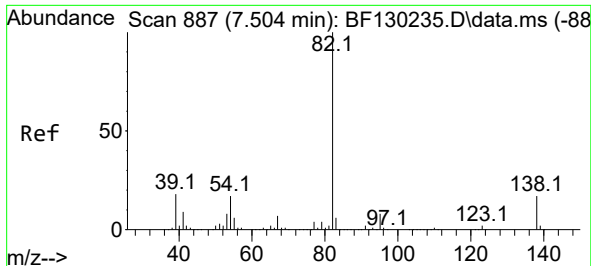
Tgt Ion:136 Resp: 400767
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.6 7.1 10.7
68 5.5 4.5 6.7



#23
Nitrobenzene-d5
Concen: 14.746 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF130609.D
Acq: 10 Oct 2022 18:29

Tgt Ion: 82 Resp: 115675
Ion Ratio Lower Upper
82 100
128 41.0 32.6 49.0
54 50.3 43.8 65.6

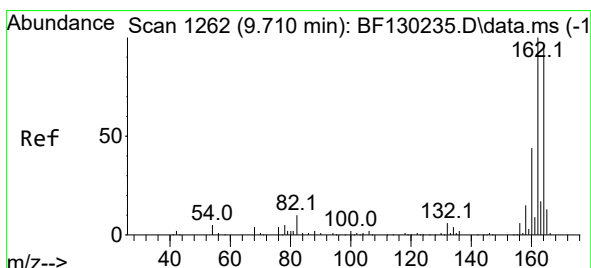
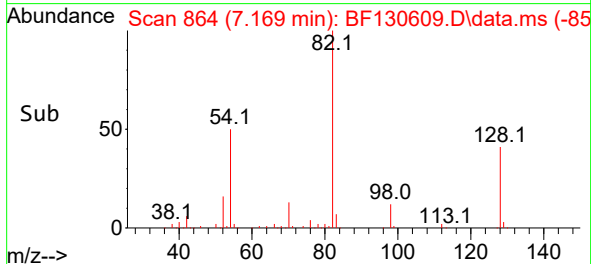
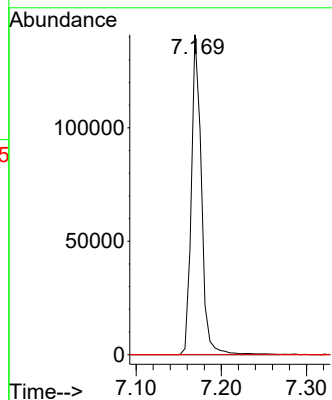
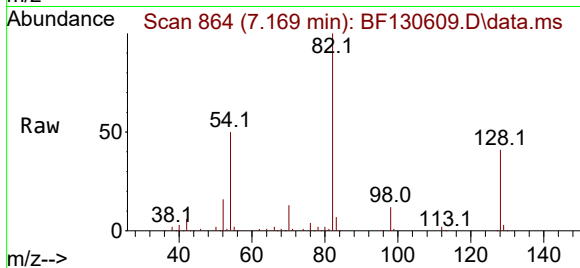




#25
Isophorone
Concen: 9.149 ng
RT: 7.169 min Scan# 80
Delta R.T. -0.270 min
Lab File: BF130609.D
Acq: 10 Oct 2022 18:29

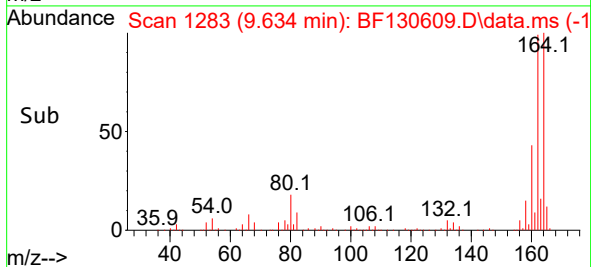
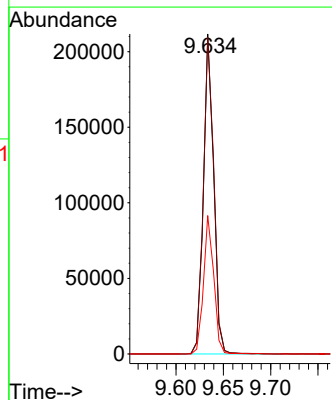
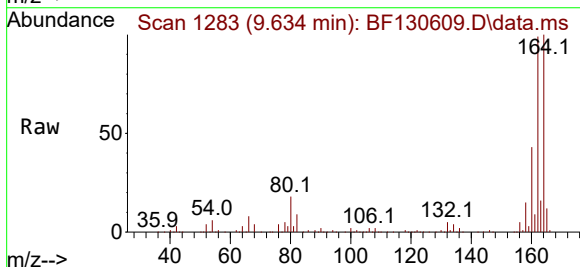
Instrument :
BNA_F
ClientSampleId :
596C-2DL

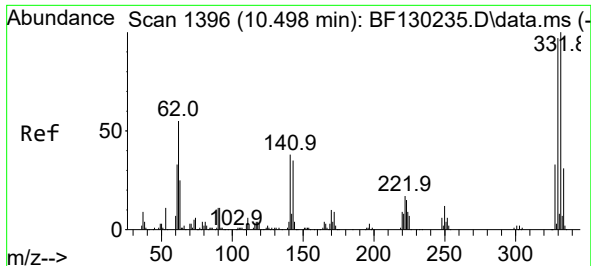
Tgt Ion: 82 Resp: 115673
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.634 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF130609.D
Acq: 10 Oct 2022 18:29

Tgt Ion: 164 Resp: 158253
Ion Ratio Lower Upper
164 100
162 98.9 81.4 122.0
160 43.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 20.215 ng

RT: 10.422 min Scan# 1417

Delta R.T. -0.006 min

Lab File: BF130609.D

Acq: 10 Oct 2022 18:29

Instrument :

BNA_F

ClientSampleId :

596C-2DL

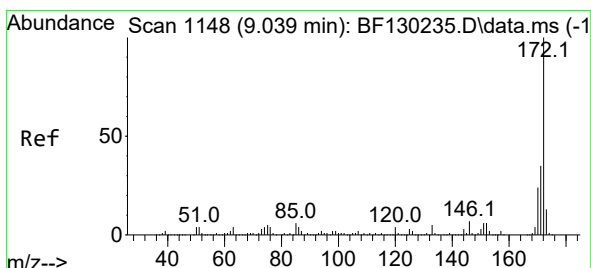
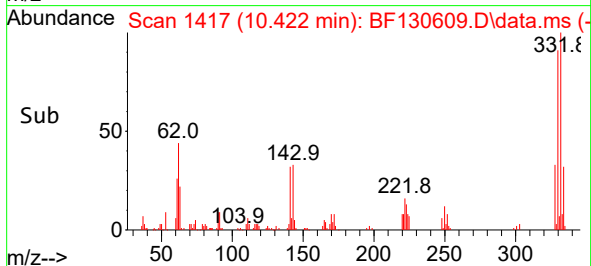
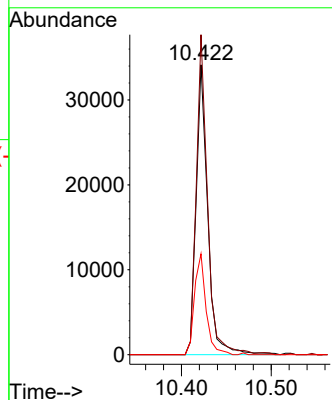
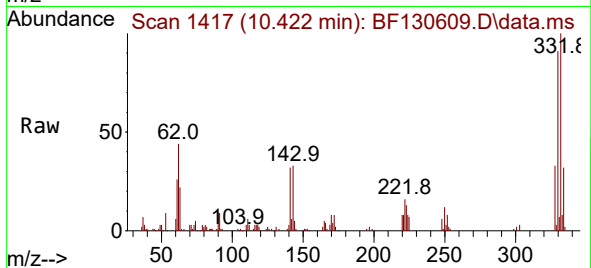
Tgt Ion:330 Resp: 30654

Ion Ratio Lower Upper

330 100

332 107.2 83.4 125.2

141 34.6 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 17.673 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF130609.D

Acq: 10 Oct 2022 18:29

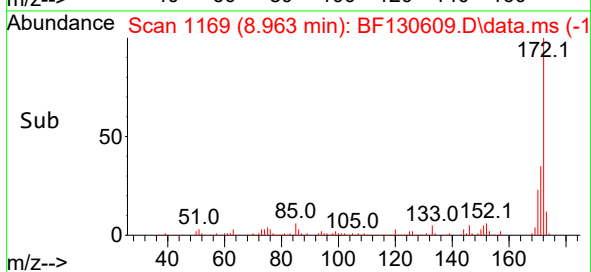
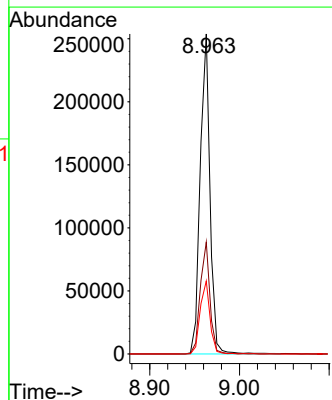
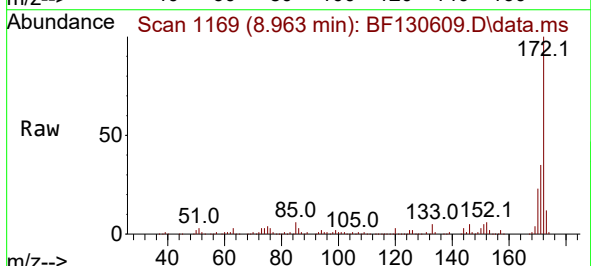
Tgt Ion:172 Resp: 192060

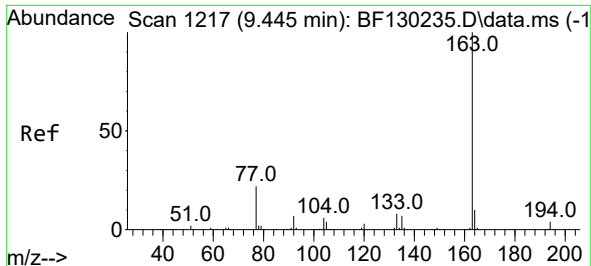
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 22.8 18.7 28.1

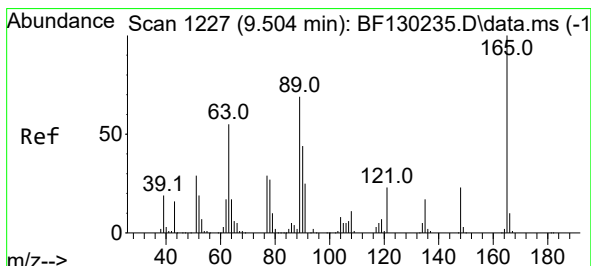
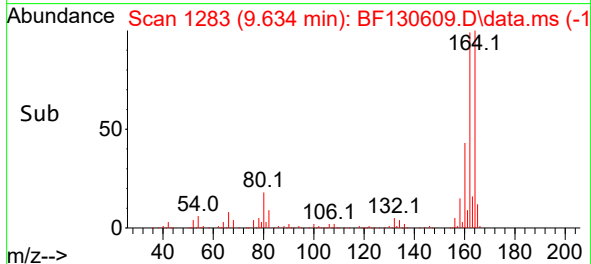
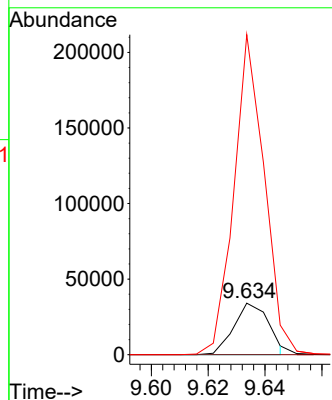
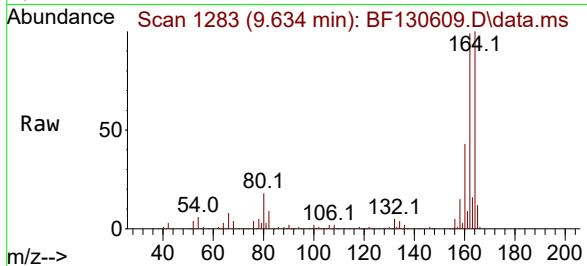




#50
Dimethylphthalate
Concen: 2.669 ng
RT: 9.634 min Scan# 1283
Delta R.T. 0.259 min
Lab File: BF130609.D
Acq: 10 Oct 2022 18:29

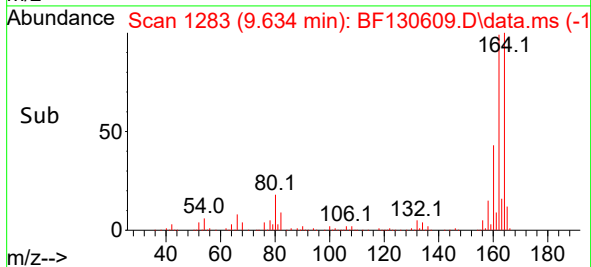
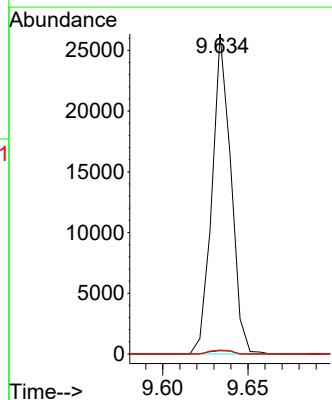
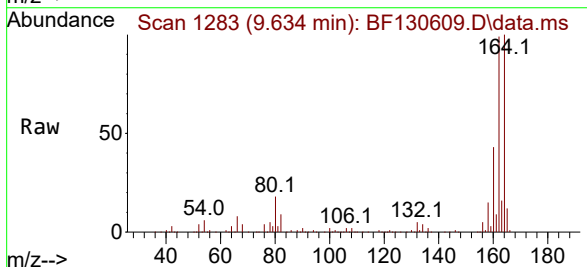
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596C-2DL

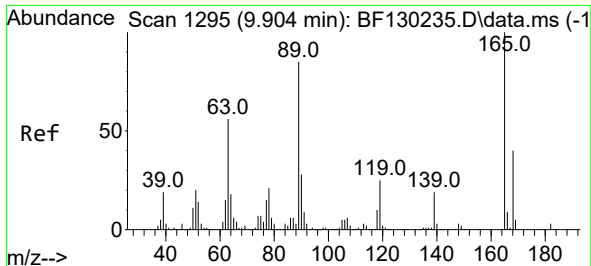
Tgt Ion:163 Resp: 29180
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 621.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.868 ng
RT: 9.634 min Scan# 1283
Delta R.T. 0.194 min
Lab File: BF130609.D
Acq: 10 Oct 2022 18:29

Tgt Ion:165 Resp: 20273
Ion Ratio Lower Upper
165 100
63 1.0 58.8 88.2#
89 1.2 54.5 81.7#

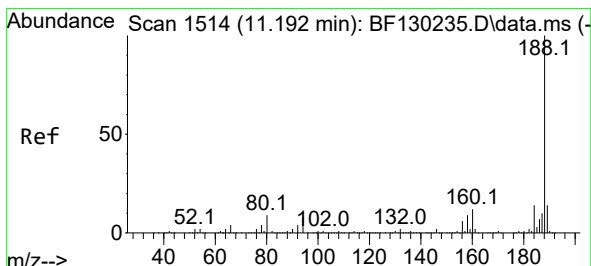
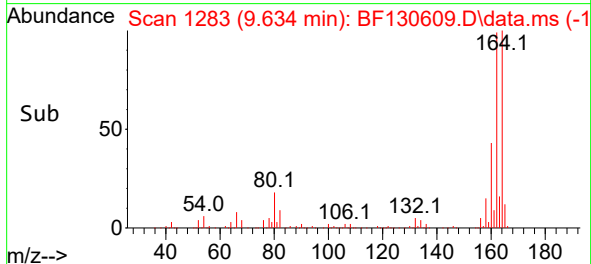
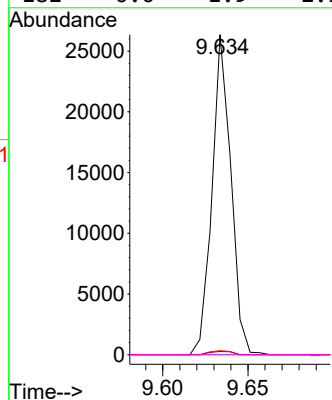
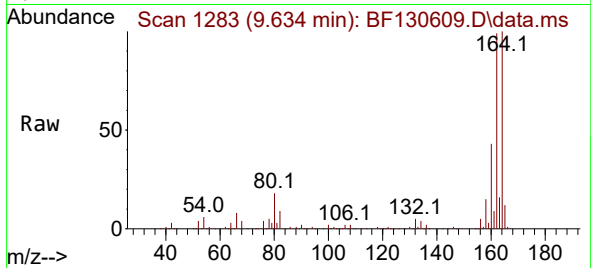




#57
2,4-Dinitrotoluene
Concen: 6.939 ng
RT: 9.634 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130609.D
Acq: 10 Oct 2022 18:29

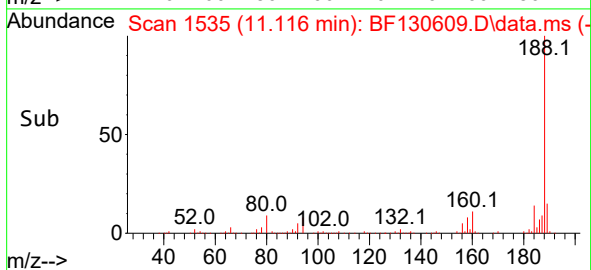
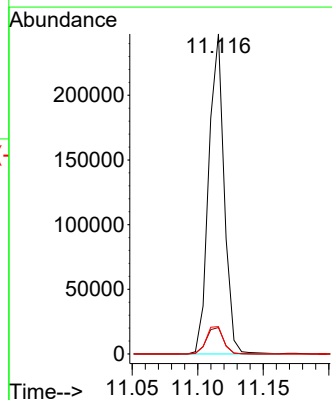
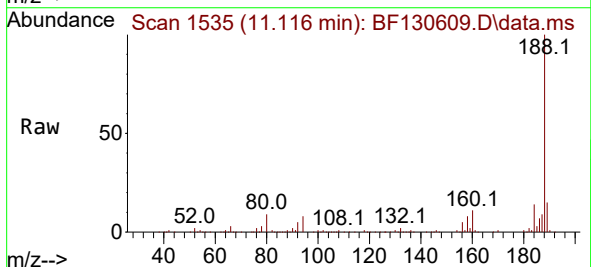
Instrument :
BNA_F
ClientSampleId :
596C-2DL

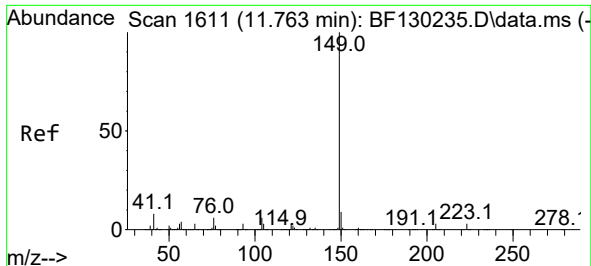
Tgt Ion:165 Resp: 20273
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.2 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF130609.D
Acq: 10 Oct 2022 18:29

Tgt Ion:188 Resp: 202351
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 8.6 7.9 11.9

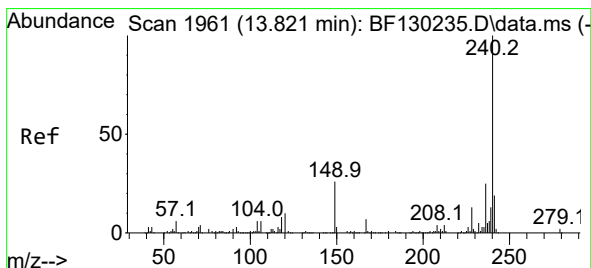
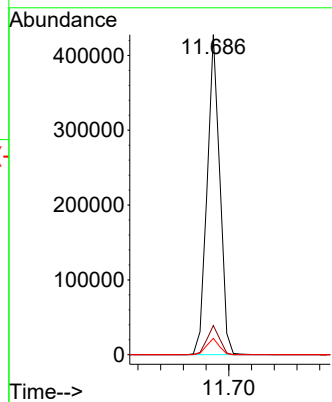
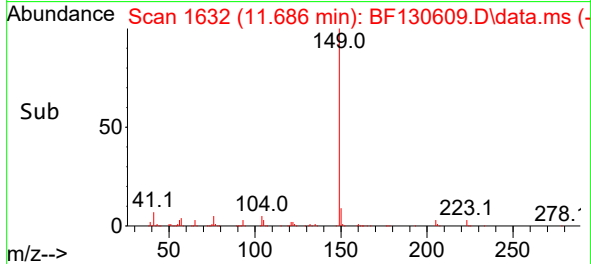
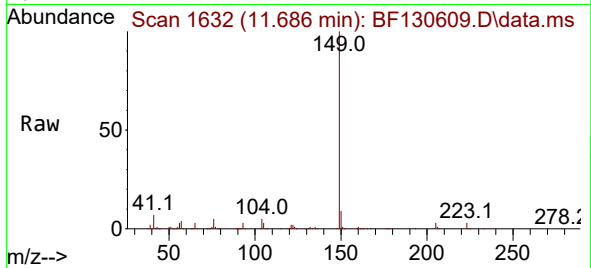




#74
Di-n-butylphthalate
Concen: 27.638 ng
RT: 11.686 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF130609.D
Acq: 10 Oct 2022 18:29

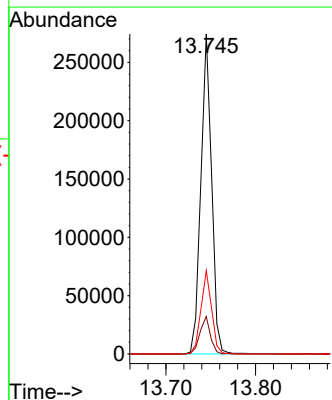
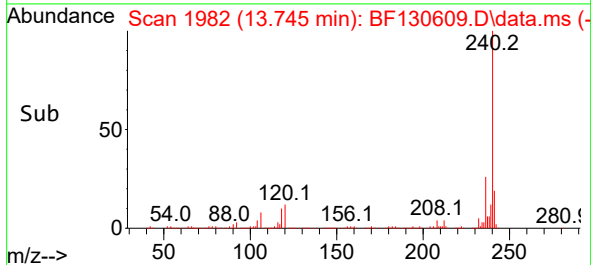
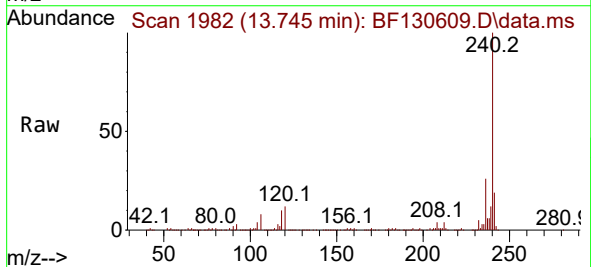
Instrument :
BNA_F
ClientSampleId :
596C-2DL

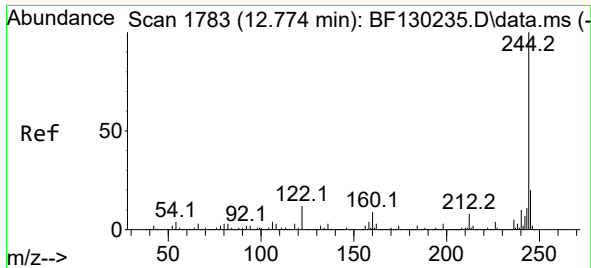
Tgt Ion:149 Resp: 329760
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 5.1 4.8 7.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF130609.D
Acq: 10 Oct 2022 18:29

Tgt Ion:240 Resp: 228116
Ion Ratio Lower Upper
240 100
120 11.7 8.7 13.1
236 26.0 20.9 31.3

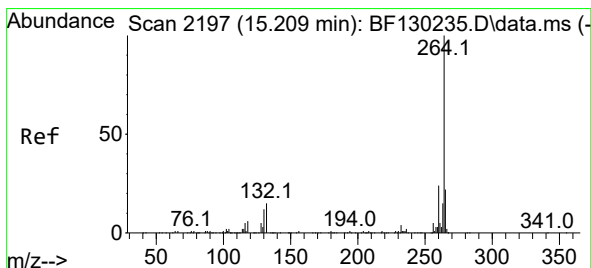
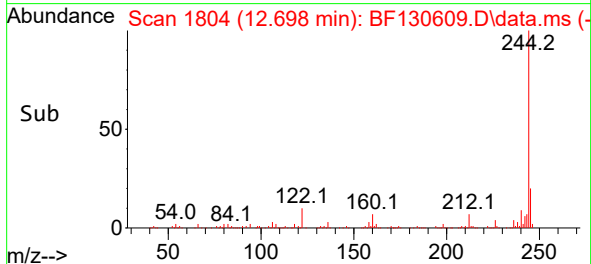
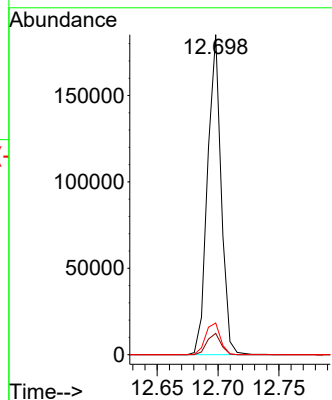
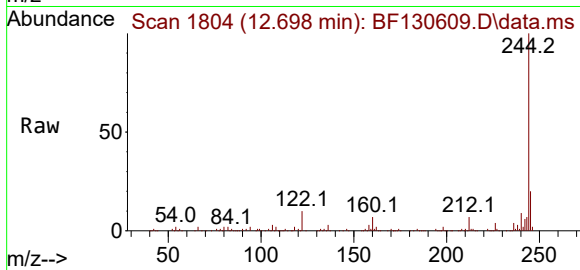




#79
 Terphenyl-d14
 Concen: 10.438 ng
 RT: 12.698 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130609.D
 Acq: 10 Oct 2022 18:29

Instrument :
 BNA_F
 ClientSampleId :
 596C-2DL

Tgt Ion:244 Resp: 143739
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 9.9 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.127 min Scan# 2217
 Delta R.T. 0.000 min
 Lab File: BF130609.D
 Acq: 10 Oct 2022 18:29

Tgt Ion:264 Resp: 230172
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.3 28.9
 265 21.0 17.0 25.4

