

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
 Data File : BF130502.D
 Acq On : 03 Oct 2022 16:59
 Operator : CG\JU
 Sample : N4888-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REGULATORY-FOUNDATION-2

Quant Time: Oct 04 03:16:55 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)

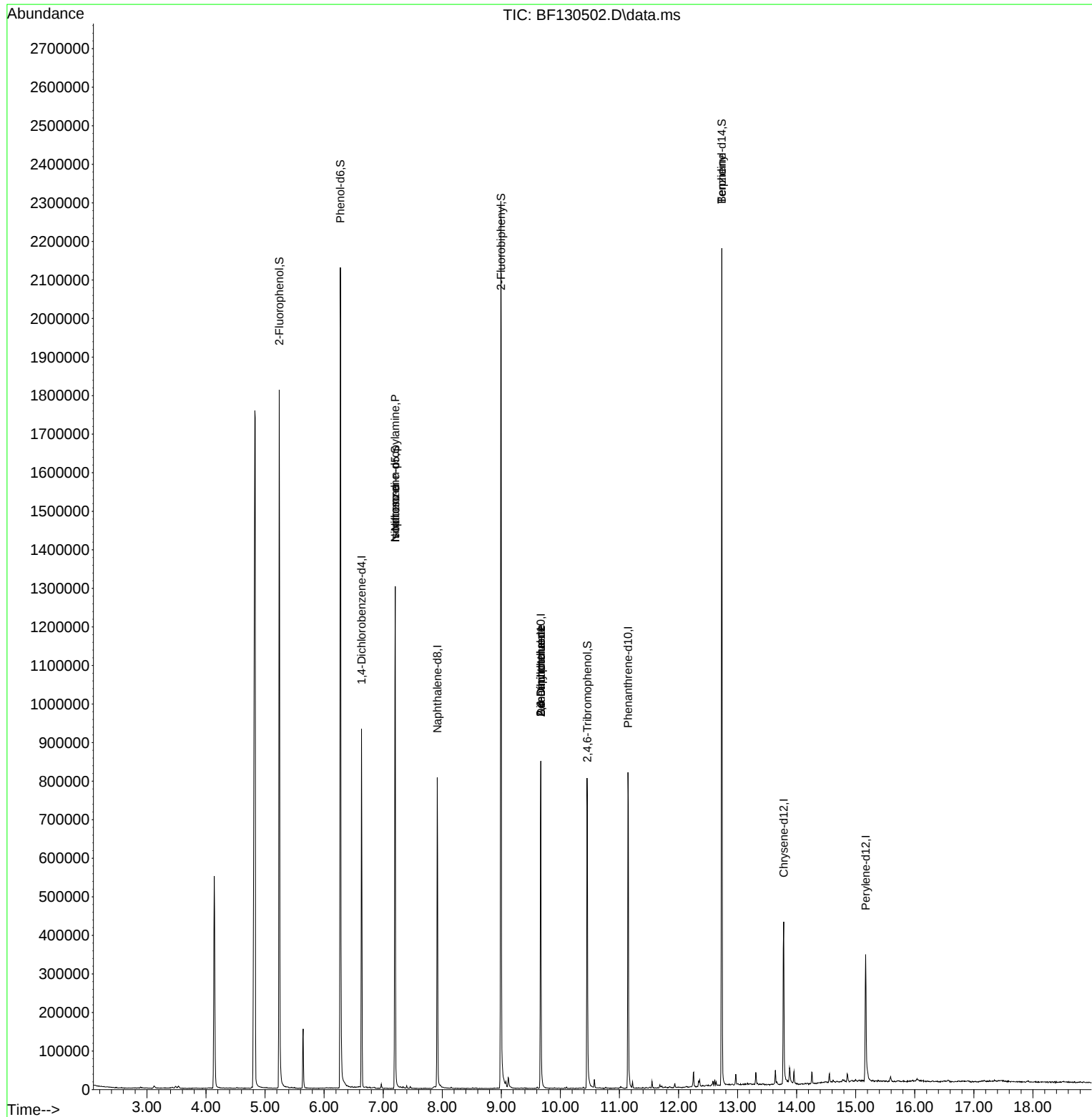
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	115878	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	347762	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	182104	20.000	ng	-0.01
64) Phenanthrene-d10	11.145	188	301260	20.000	ng	-0.01
76) Chrysene-d12	13.780	240	148624	20.000	ng	-0.01
86) Perylene-d12	15.168	264	153560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	467759	70.014	ng	0.00
7) Phenol-d6	6.275	99	731159	87.466	ng	-0.02
23) Nitrobenzene-d5	7.204	82	402178	59.083	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	95137	54.523	ng	-0.01
45) 2-Fluorobiphenyl	8.992	172	731566	58.500	ng	-0.02
79) Terphenyl-d14	12.733	244	645315	71.924	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.204	70	55852	9.902	ng	# 74
25) Isophorone	7.204	82	402173	36.657	ng	# 66
50) Dimethylphthalate	9.669	163	31872	2.534	ng	# 1
51) 2,6-Dinitrotoluene	9.669	165	23560	8.956	ng	# 16
57) 2,4-Dinitrotoluene	9.669	165	23560	7.007	ng	# 16
77) Benzidine	12.733	184	10168	2.357	ng	# 95

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

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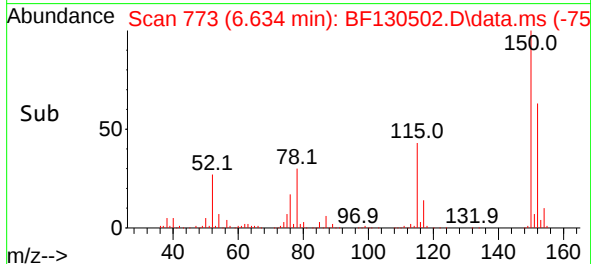
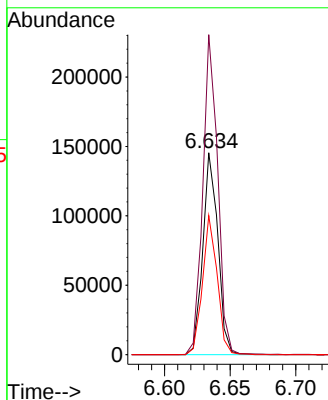
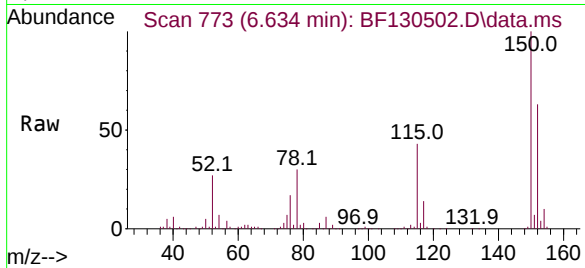




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

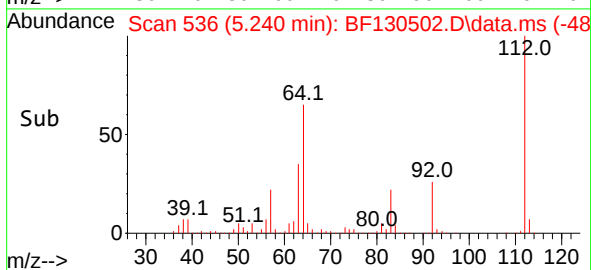
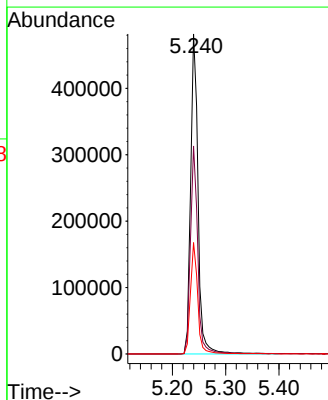
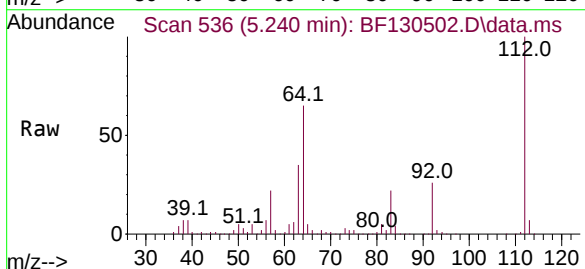
Instrument :
BNA_F
ClientSampleId :
REGULATORY-FOUNDATION-2

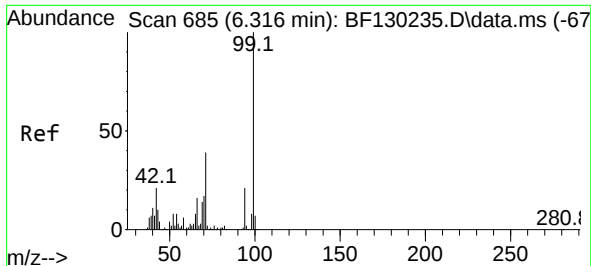
Tgt Ion:152 Resp: 115878
Ion Ratio Lower Upper
152 100
150 158.5 122.8 184.2
115 68.8 53.8 80.8



#5
2-Fluorophenol
Concen: 70.014 ng
RT: 5.240 min Scan# 536
Delta R.T. -0.006 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

Tgt Ion:112 Resp: 467759
Ion Ratio Lower Upper
112 100
64 65.0 51.4 77.0
63 34.8 28.8 43.2

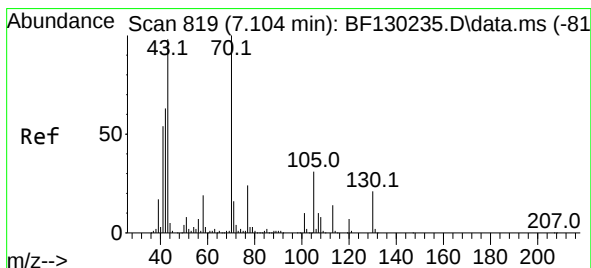
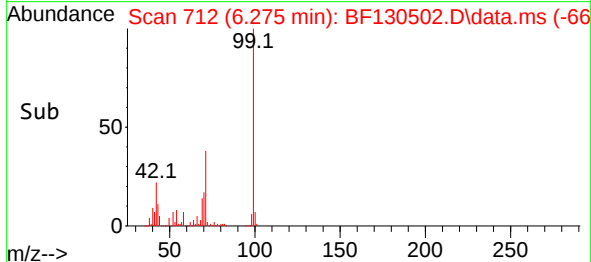
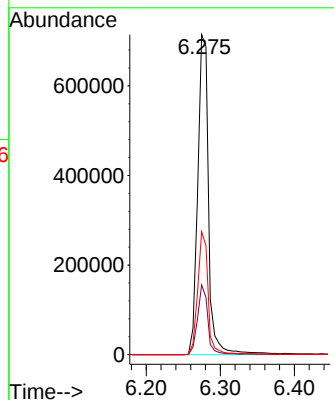
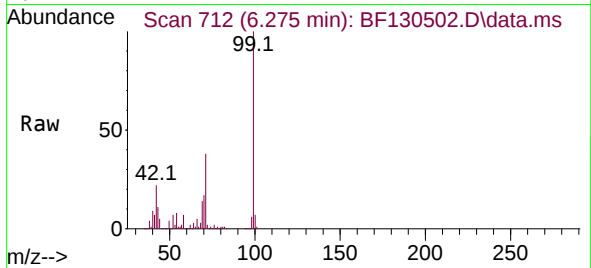




#7
Phenol-d6
Concen: 87.466 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

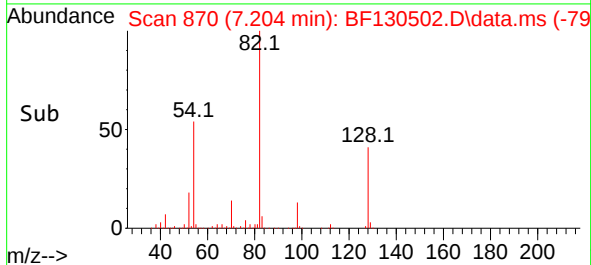
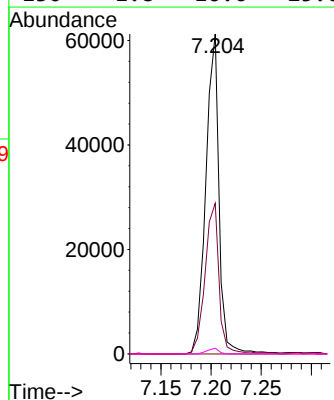
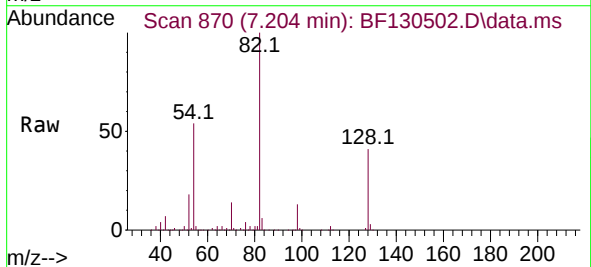
Instrument :
BNA_F
ClientSampleId :
REGULATORY-FOUNDATION-2

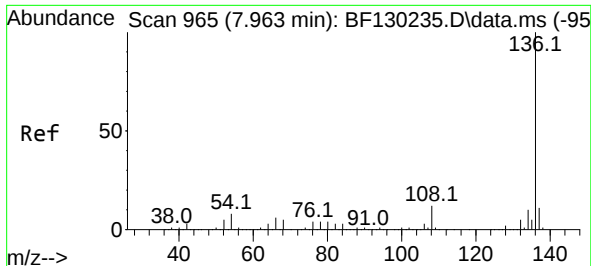
Tgt Ion: 99 Resp: 731159
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 38.4 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 9.902 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

Tgt Ion: 70 Resp: 55852
Ion Ratio Lower Upper
70 100
42 47.1 50.8 76.2#
101 0.0 8.2 12.4#
130 1.8 16.6 25.0#

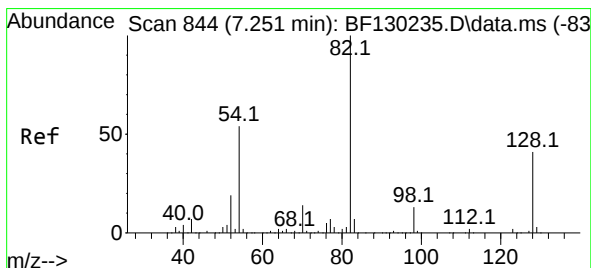
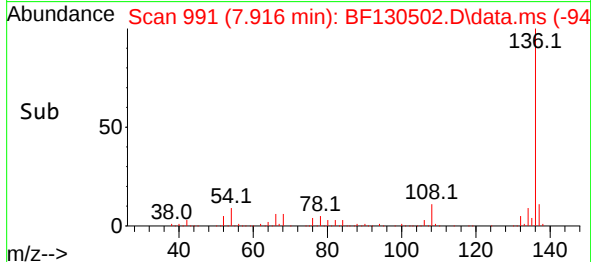
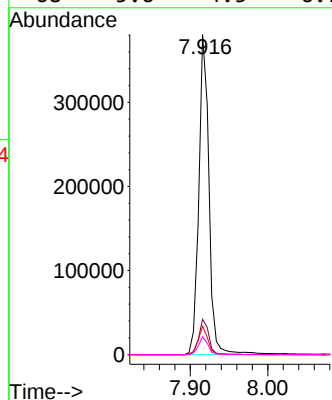
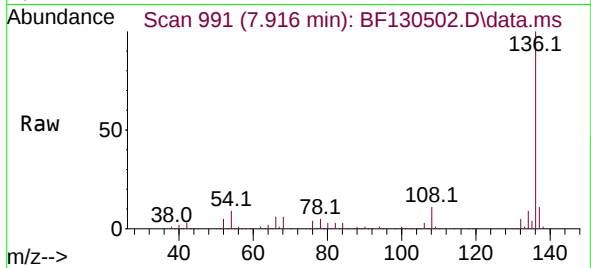




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

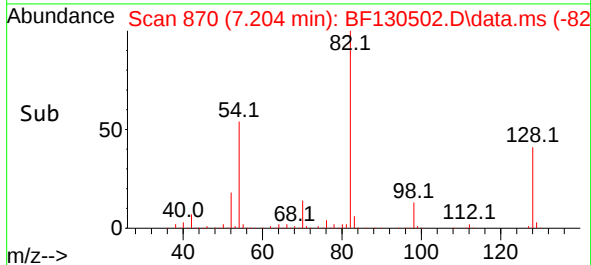
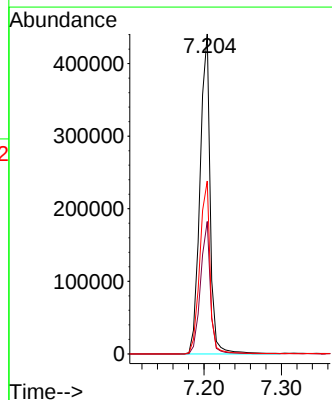
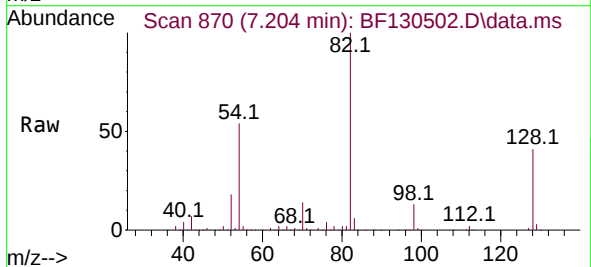
Instrument :
BNA_F
ClientSampleId :
REGULATORY-FOUNDATION-2

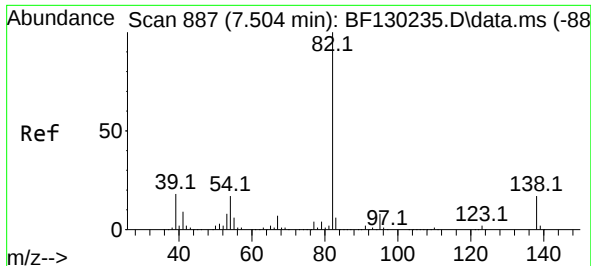
Tgt Ion:136	Resp: 347762
Ion Ratio	Lower Upper
136 100	
137 11.1	9.1 13.7
54 8.9	7.1 10.7
68 5.6	4.5 6.7



#23
Nitrobenzene-d5
Concen: 59.083 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

Tgt Ion: 82	Resp: 402178
Ion Ratio	Lower Upper
82 100	
128 41.4	32.6 49.0
54 54.0	43.8 65.6

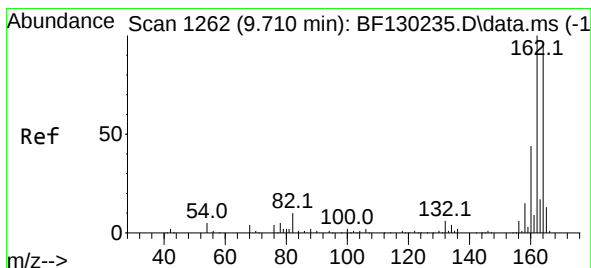
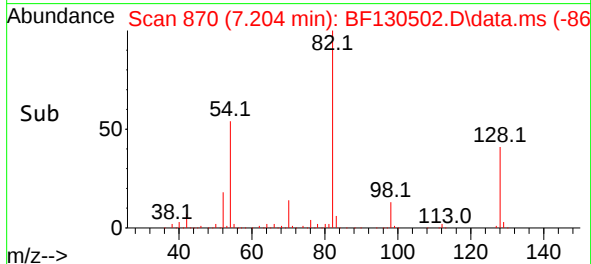
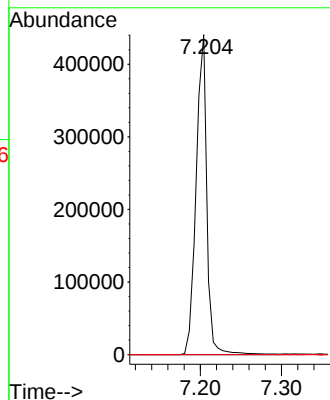
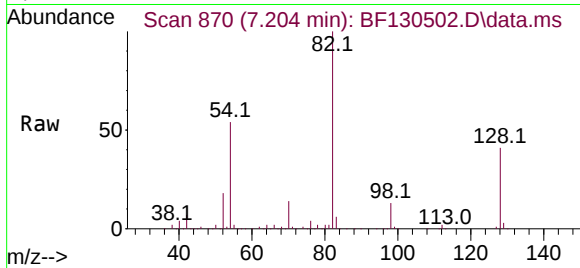




#25
Isophorone
Concen: 36.657 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

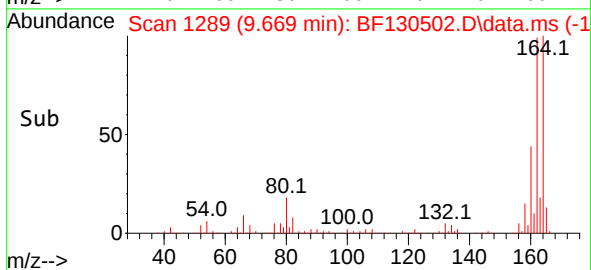
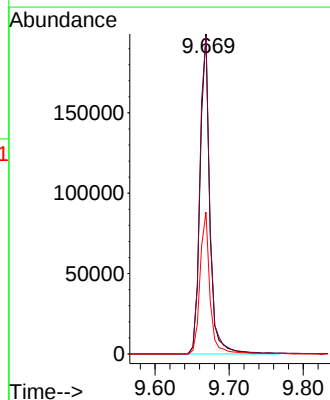
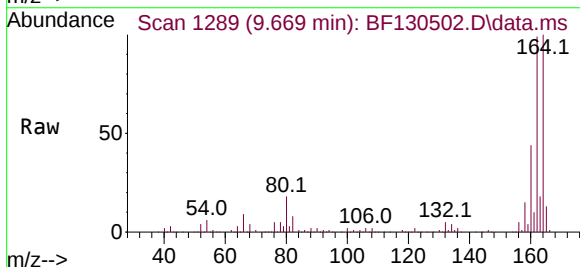
Instrument :
BNA_F
ClientSampleId :
REGULATORY-FOUNDATION-2

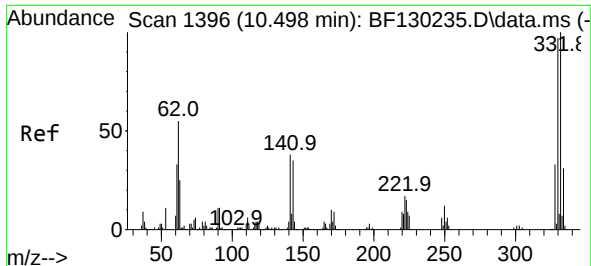
Tgt Ion: 82 Resp: 402173
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

Tgt Ion: 164 Resp: 182104
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 44.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 54.523 ng

RT: 10.457 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF130502.D

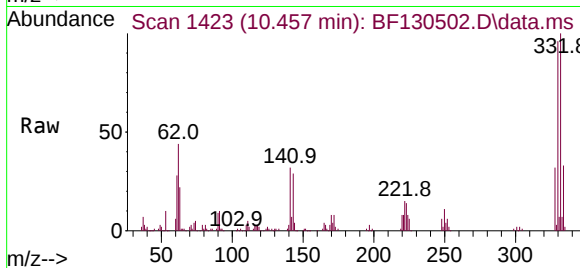
Acq: 03 Oct 2022 16:59

Instrument :

BNA_F

ClientSampleId :

REGULATORY-FOUNDATION-2



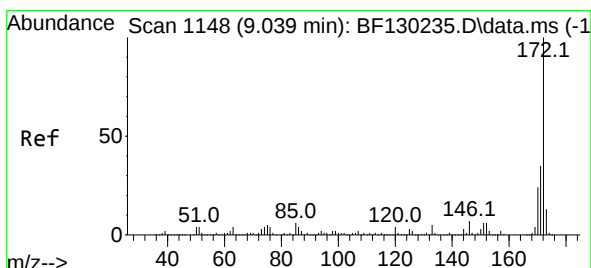
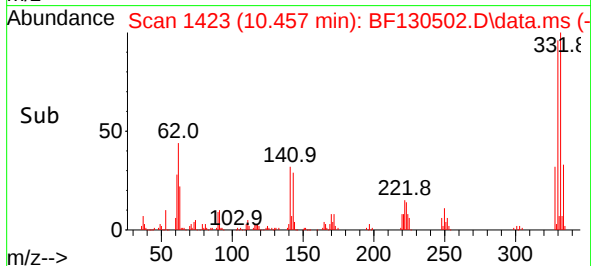
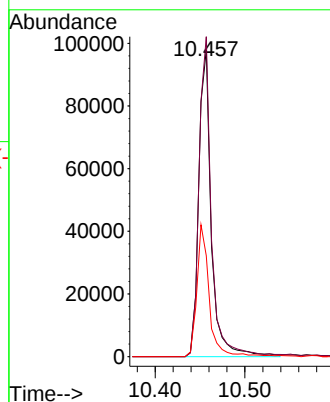
Tgt Ion:330 Resp: 95137

Ion Ratio Lower Upper

330 100

332 102.2 83.4 125.2

141 42.4 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 58.500 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.018 min

Lab File: BF130502.D

Acq: 03 Oct 2022 16:59

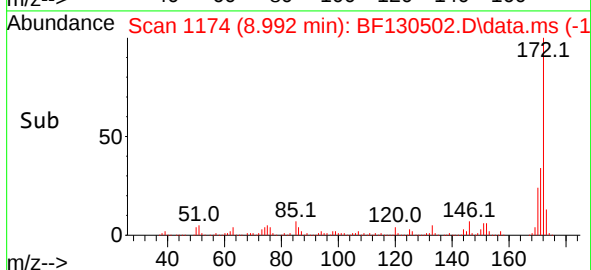
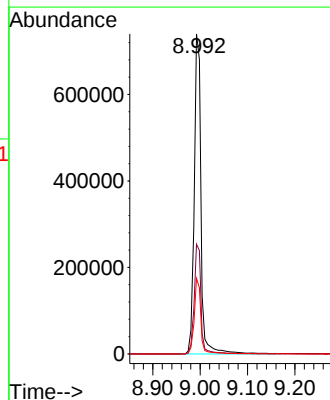
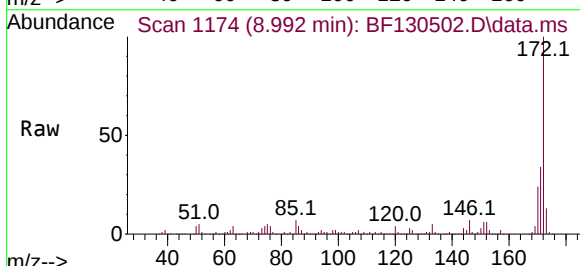
Tgt Ion:172 Resp: 731566

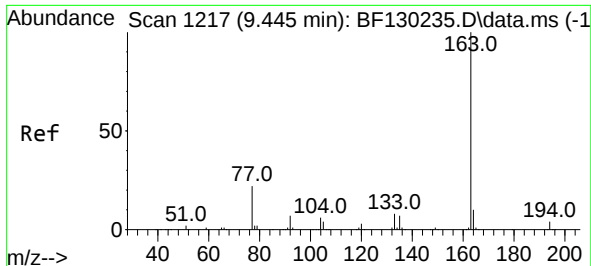
Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 23.6 18.7 28.1

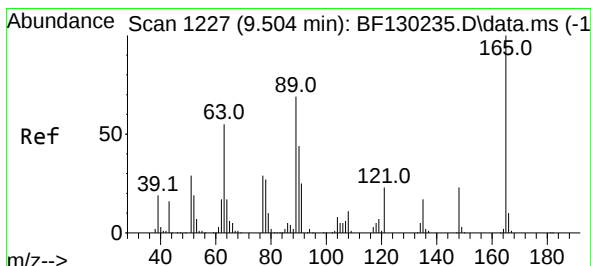
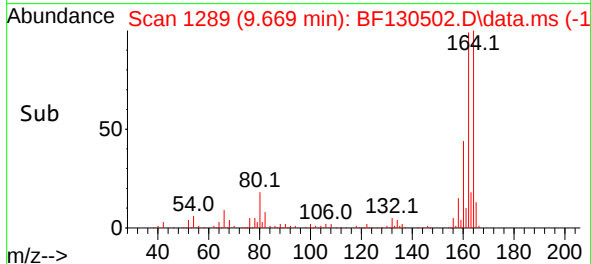
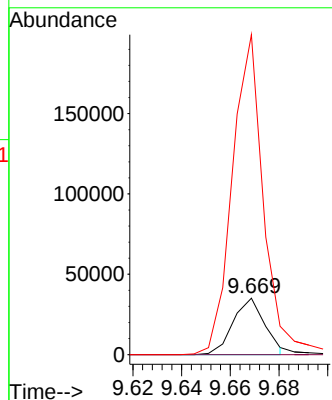
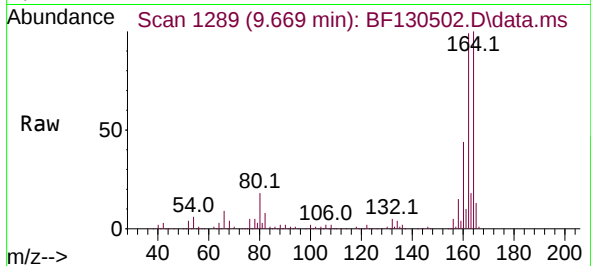




#50
Dimethylphthalate
Concen: 2.534 ng
RT: 9.669 min Scan# 1217
Delta R.T. 0.253 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

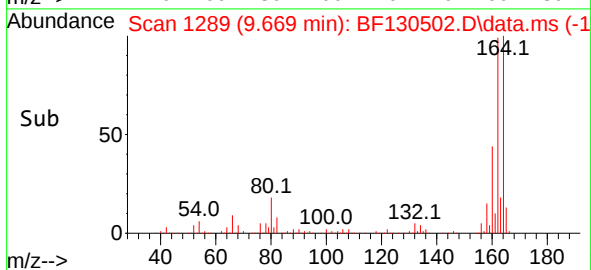
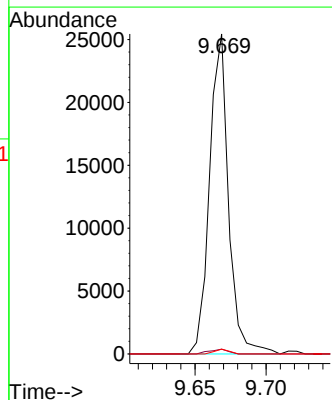
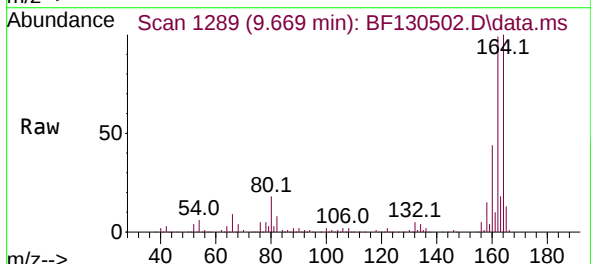
Instrument :
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REGULATORY-FOUNDATION-2

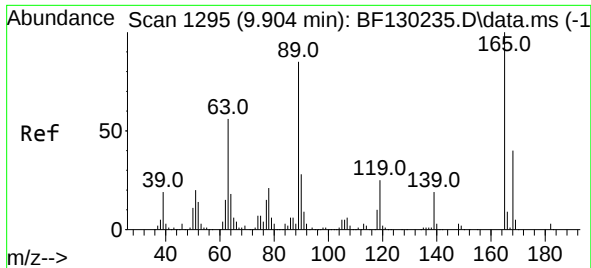
Tgt Ion:163 Resp: 31872
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 568.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.956 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.194 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

Tgt Ion:165 Resp: 23560
Ion Ratio Lower Upper
165 100
63 1.5 58.8 88.2#
89 1.5 54.5 81.7#

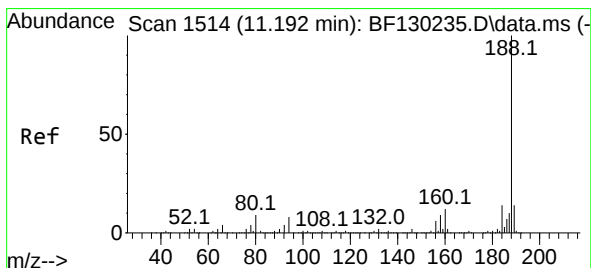
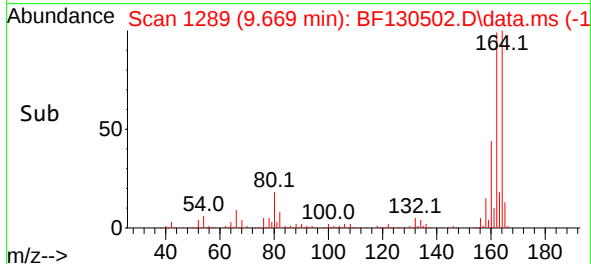
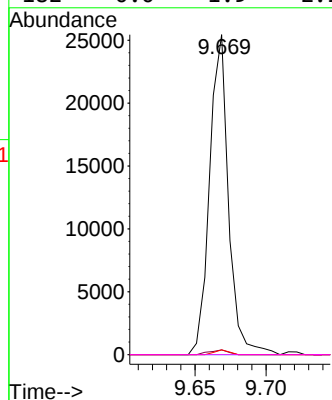
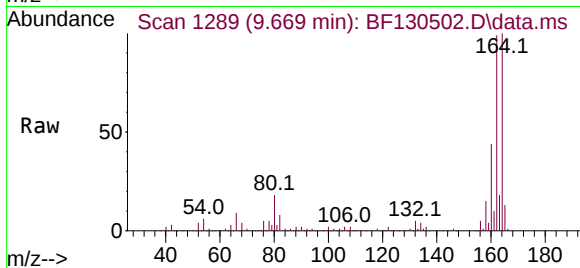




#57
2,4-Dinitrotoluene
Concen: 7.007 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

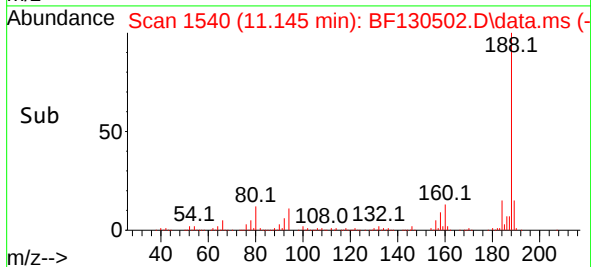
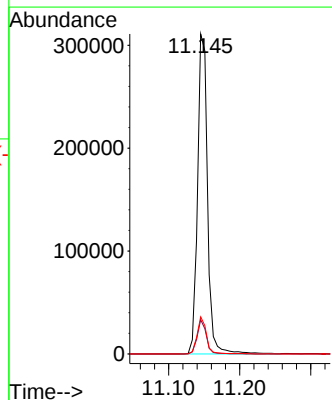
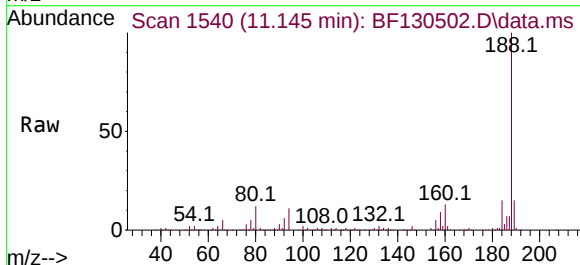
Instrument :
BNA_F
ClientSampleId :
REGULATORY-FOUNDATION-2

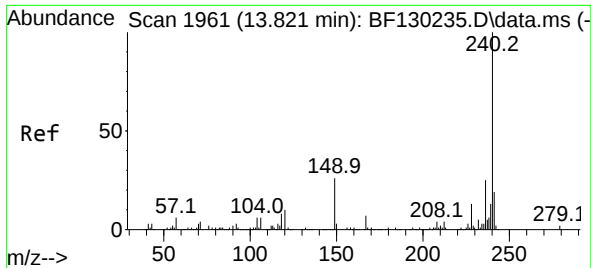
Tgt Ion:165	Resp:	23560
Ion Ratio	Lower	Upper
165	100	
63	1.5	44.7 67.1#
89	1.5	69.0 103.4#
182	0.0	1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

Tgt Ion:188	Resp:	301260
Ion Ratio	Lower	Upper
188	100	
94	10.7	7.4 11.2
80	11.6	7.9 11.9

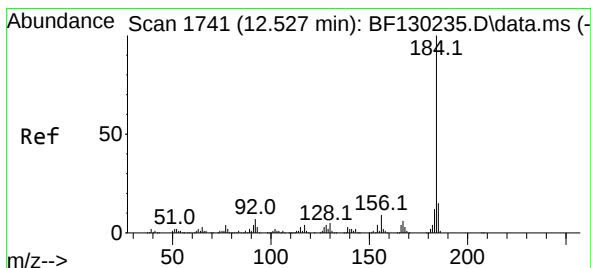
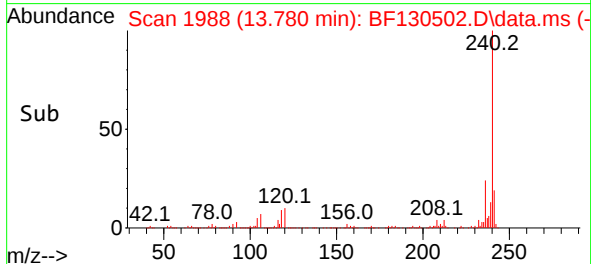
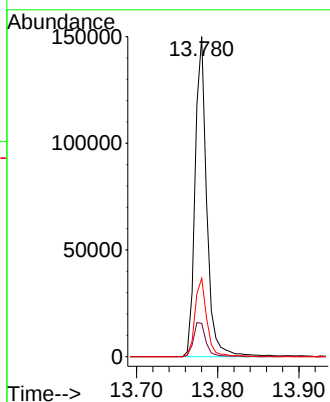
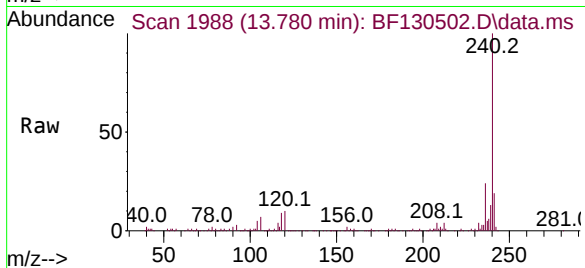




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

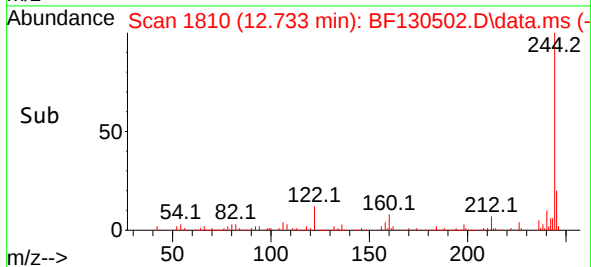
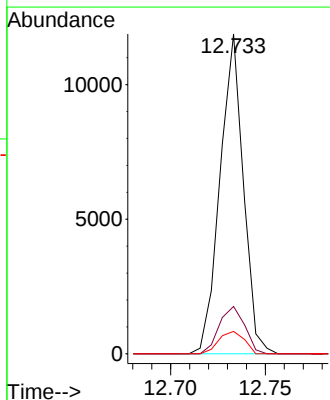
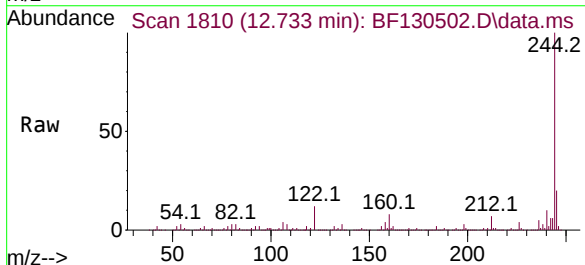
Instrument :
BNA_F
ClientSampleId :
REGULATORY-FOUNDATION-2

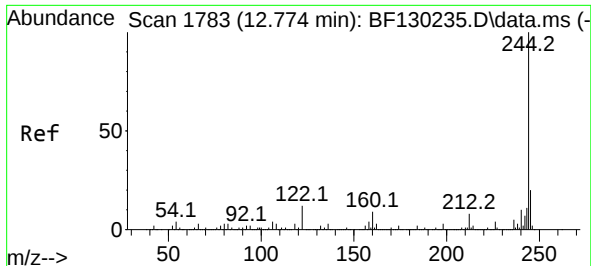
Tgt Ion:240 Resp: 148624
Ion Ratio Lower Upper
240 100
120 10.4 8.7 13.1
236 24.5 20.9 31.3



#77
Benzidine
Concen: 2.357 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.235 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

Tgt Ion:184 Resp: 10168
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 7.0 9.1 13.7#

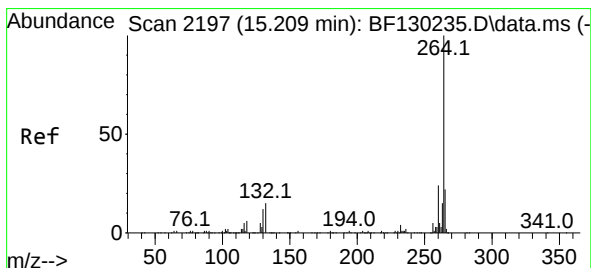
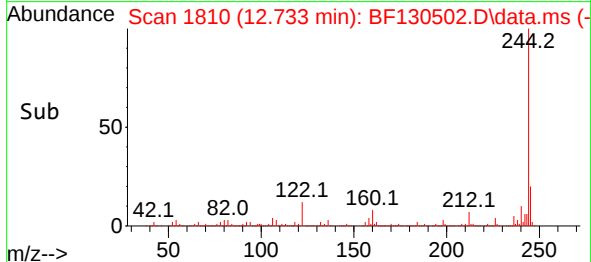
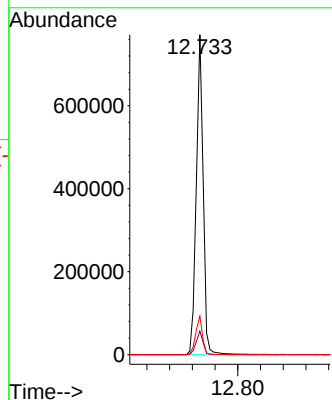
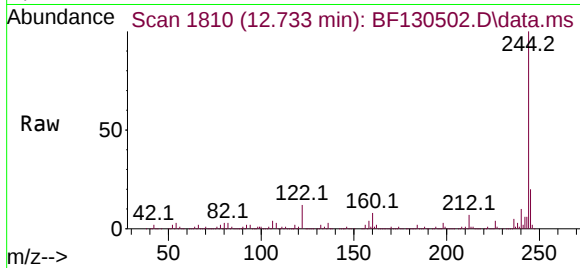




#79
 Terphenyl-d14
 Concen: 71.924 ng
 RT: 12.733 min Scan# 1810
 Delta R.T. -0.012 min
 Lab File: BF130502.D
 Acq: 03 Oct 2022 16:59

Instrument :
 BNA_F
 ClientSampleId :
 REGULATORY-FOUNDATION-2

Tgt Ion:244 Resp: 645315
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.0 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. -0.006 min
 Lab File: BF130502.D
 Acq: 03 Oct 2022 16:59

Tgt Ion:264 Resp: 153560
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 21.4 17.0 25.4

