

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
 Data File : BF130503.D
 Acq On : 03 Oct 2022 17:29
 Operator : CG\JU
 Sample : N4888-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REGULATORY-FOUNDATION-3

Quant Time: Oct 04 03:17:17 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)

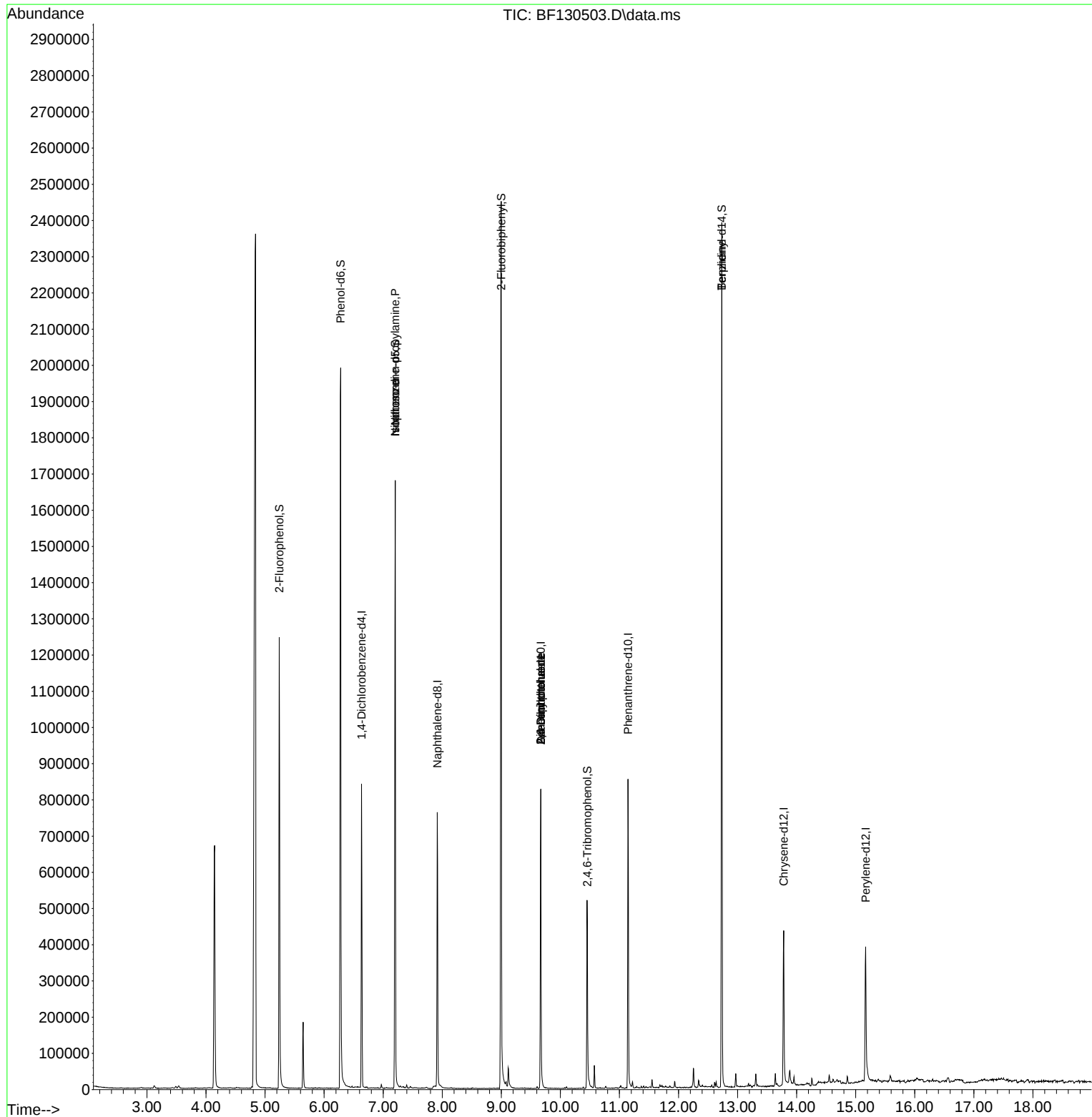
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	105634	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	339189	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	175235	20.000	ng	-0.01
64) Phenanthrene-d10	11.145	188	301675	20.000	ng	-0.01
76) Chrysene-d12	13.780	240	156845	20.000	ng	-0.01
86) Perylene-d12	15.168	264	176019	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	323979	53.196	ng	0.00
7) Phenol-d6	6.281	99	703316	92.294	ng	-0.01
23) Nitrobenzene-d5	7.204	82	520065	78.332	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	61236	36.470	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	800566	66.526	ng	-0.01
79) Terphenyl-d14	12.733	244	725299	76.601	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.204	70	70434	13.698	ng	# 76
25) Isophorone	7.204	82	520060	48.600	ng	# 66
50) Dimethylphthalate	9.669	163	30447	2.515	ng	# 1
51) 2,6-Dinitrotoluene	9.669	165	22207	8.772	ng	# 15
57) 2,4-Dinitrotoluene	9.669	165	22207	6.864	ng	# 15
77) Benzidine	12.733	184	11530	2.532	ng	# 93

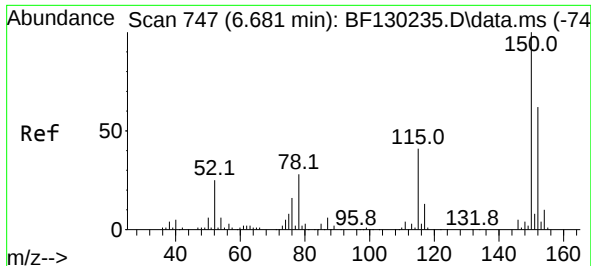
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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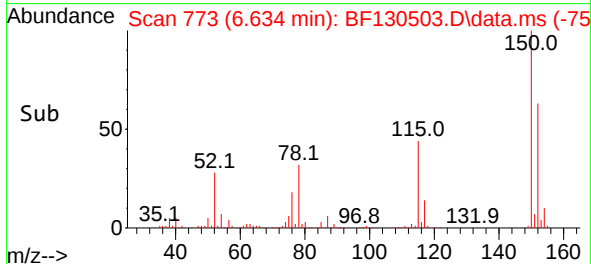
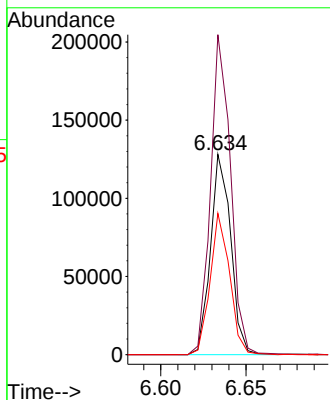
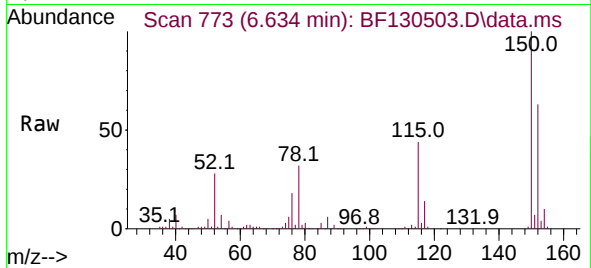




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130503.D
Acq: 03 Oct 2022 17:29

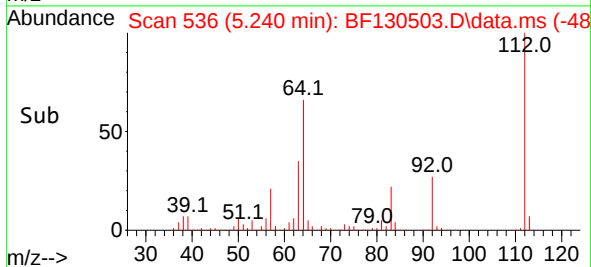
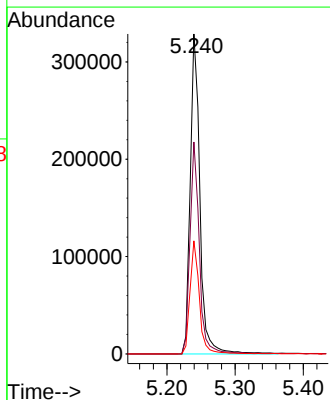
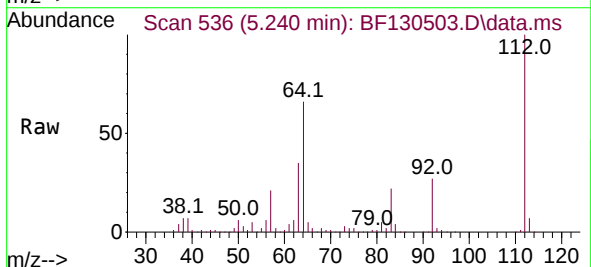
Instrument :
BNA_F
ClientSampleId :
REGULATORY-FOUNDATION-3

Tgt Ion:152 Resp: 105634
Ion Ratio Lower Upper
152 100
150 159.8 122.8 184.2
115 70.5 53.8 80.8



#5
2-Fluorophenol
Concen: 53.196 ng
RT: 5.240 min Scan# 536
Delta R.T. -0.006 min
Lab File: BF130503.D
Acq: 03 Oct 2022 17:29

Tgt Ion:112 Resp: 323979
Ion Ratio Lower Upper
112 100
64 66.3 51.4 77.0
63 35.3 28.8 43.2

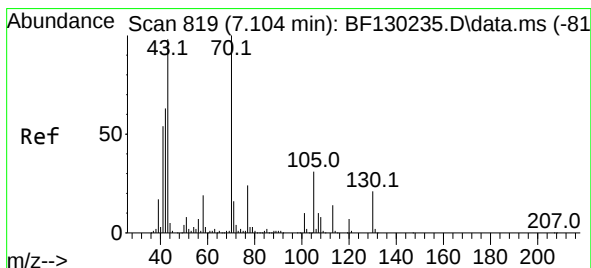
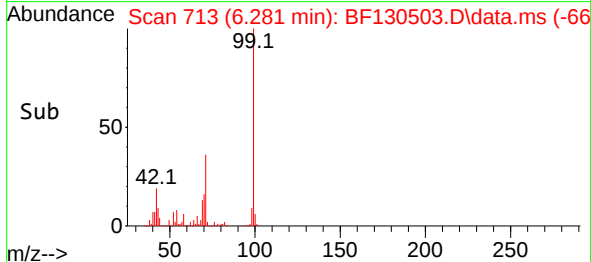
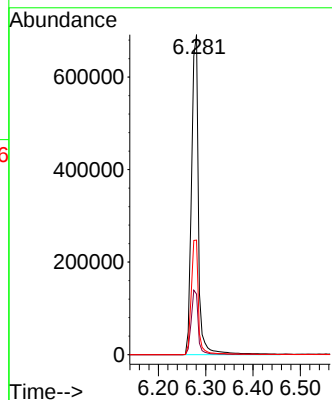
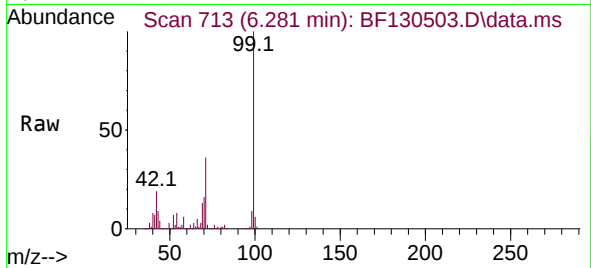




#7
Phenol-d6
Concen: 92.294 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130503.D
Acq: 03 Oct 2022 17:29

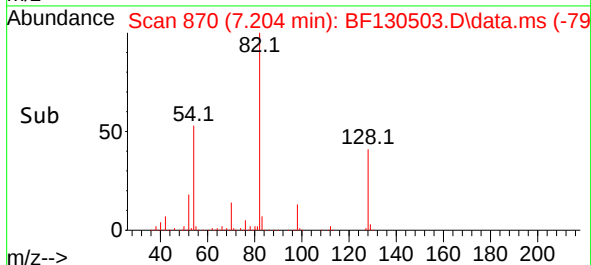
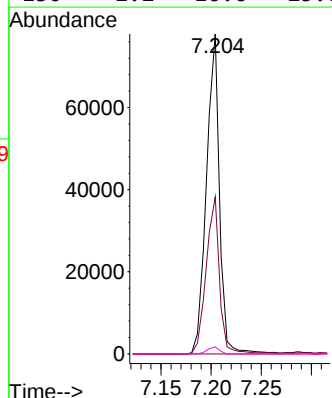
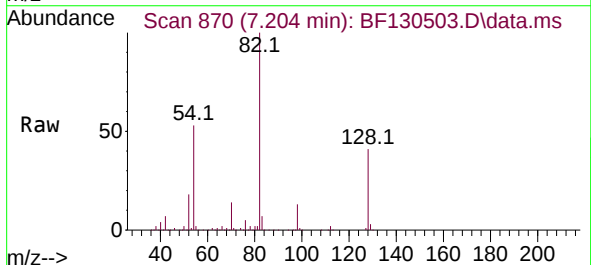
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BNA_F
ClientSampleId :
REGULATORY-FOUNDATION-3

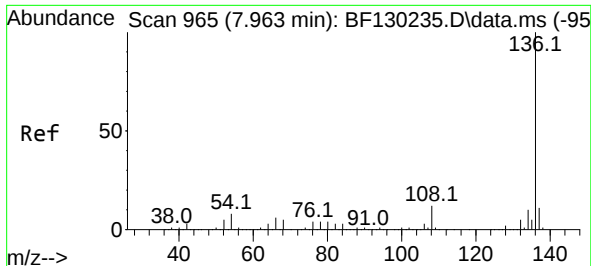
Tgt Ion: 99 Resp: 703316
Ion Ratio Lower Upper
99 100
42 18.9 17.0 25.6
71 35.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.698 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130503.D
Acq: 03 Oct 2022 17:29

Tgt Ion: 70 Resp: 70434
Ion Ratio Lower Upper
70 100
42 49.1 50.8 76.2#
101 0.0 8.2 12.4#
130 2.2 16.6 25.0#

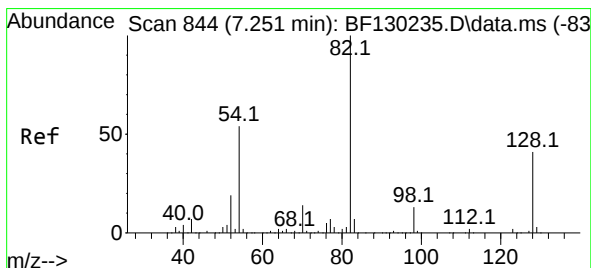
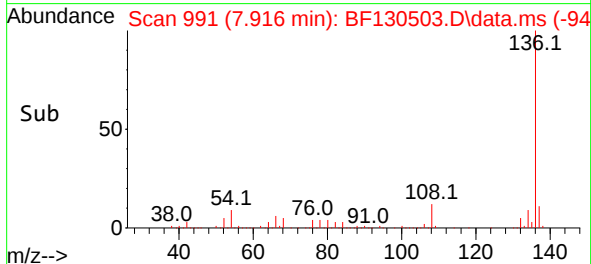
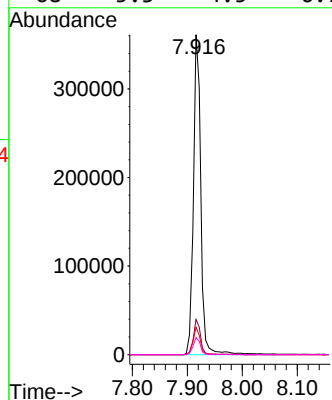
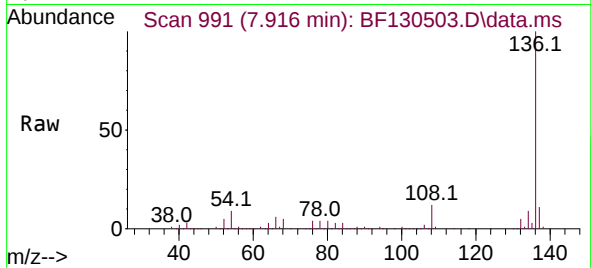




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130503.D
Acq: 03 Oct 2022 17:29

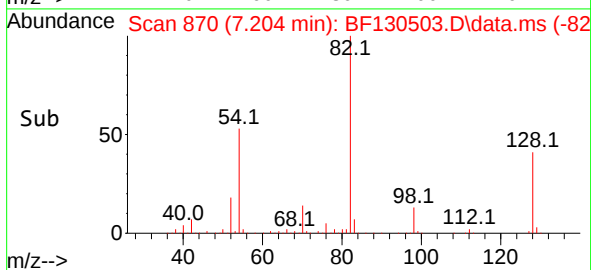
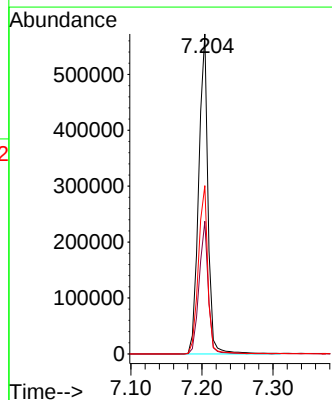
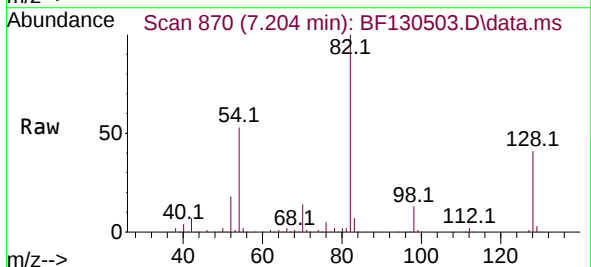
Instrument :
BNA_F
ClientSampleId :
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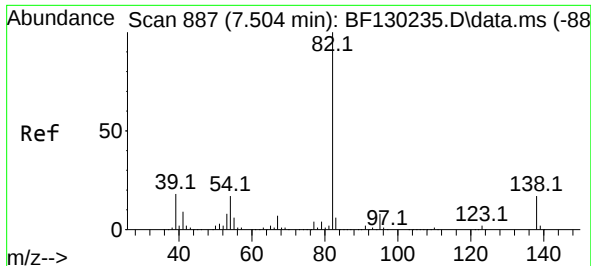
Tgt Ion:136 Resp: 339189
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.6 7.1 10.7
68 5.3 4.5 6.7



#23
Nitrobenzene-d5
Concen: 78.332 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130503.D
Acq: 03 Oct 2022 17:29

Tgt Ion: 82 Resp: 520065
Ion Ratio Lower Upper
82 100
128 41.4 32.6 49.0
54 52.6 43.8 65.6

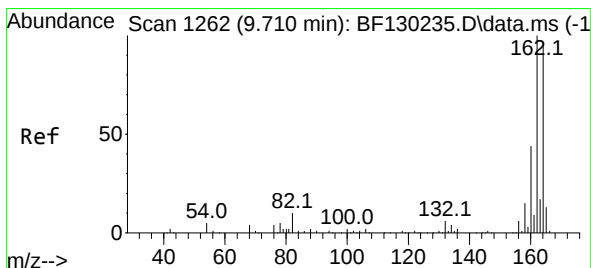
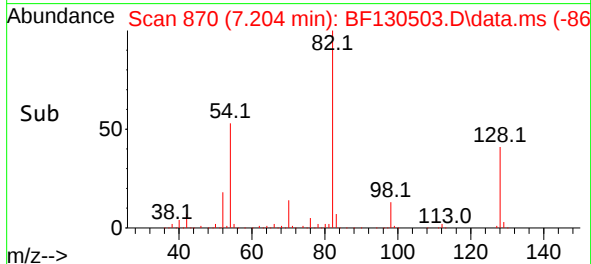
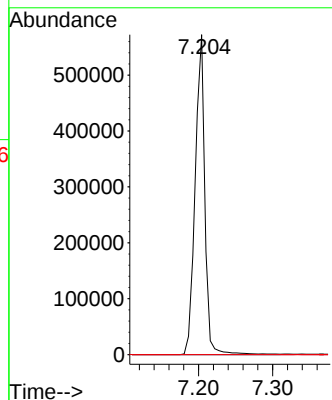
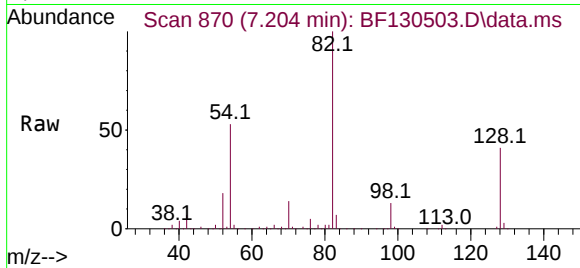




#25
Isophorone
Concen: 48.600 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130503.D
Acq: 03 Oct 2022 17:29

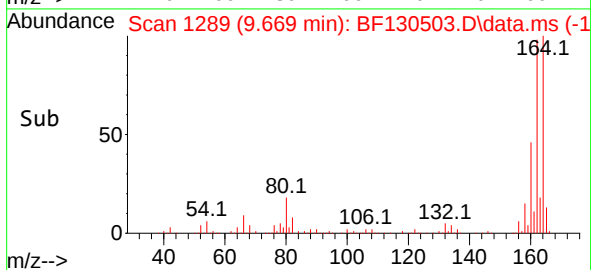
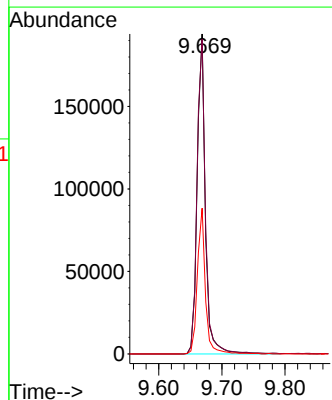
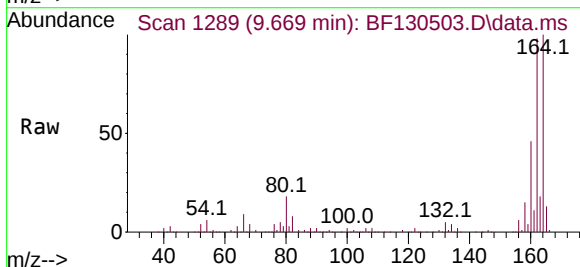
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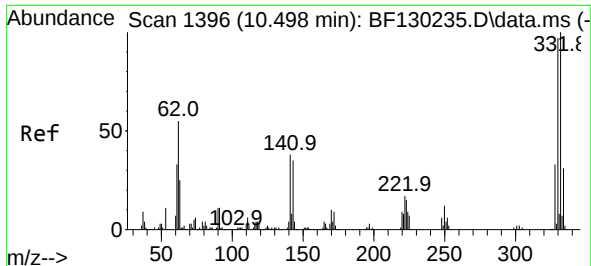
Tgt Ion: 82 Resp: 520060
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130503.D
Acq: 03 Oct 2022 17:29

Tgt Ion: 164 Resp: 175235
Ion Ratio Lower Upper
164 100
162 98.4 81.4 122.0
160 45.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 36.470 ng

RT: 10.457 min Scan# 1423

Delta R.T. -0.012 min

Lab File: BF130503.D

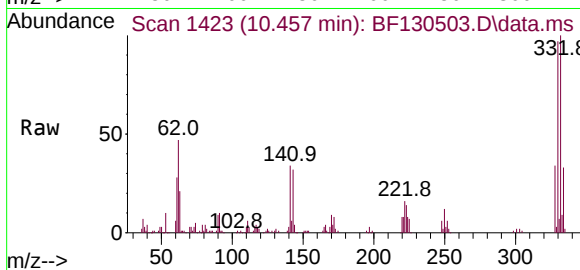
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ClientSampleId :

REGULATORY-FOUNDATION-3



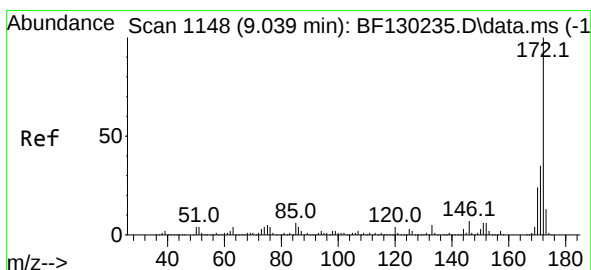
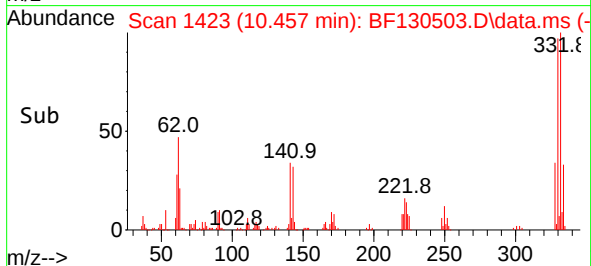
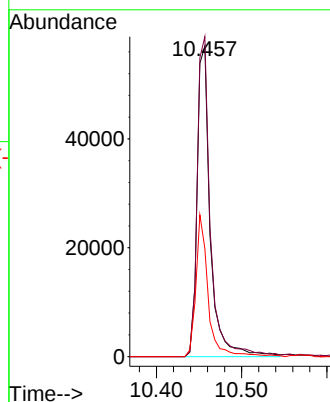
Tgt Ion:330 Resp: 61236

Ion Ratio Lower Upper

330 100

332 104.0 83.4 125.2

141 42.0 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 66.526 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF130503.D

Acq: 03 Oct 2022 17:29

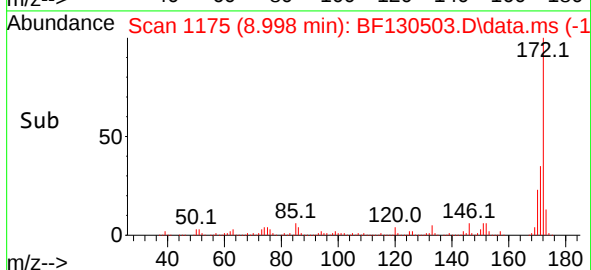
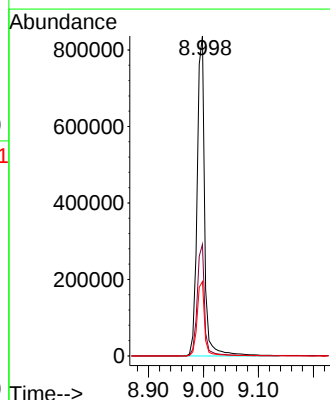
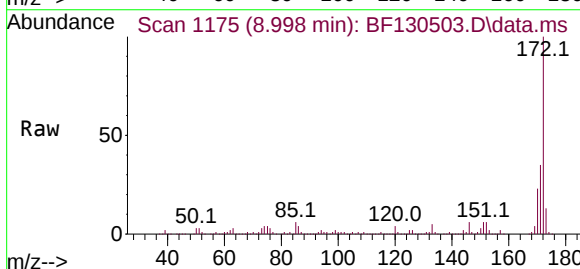
Tgt Ion:172 Resp: 800566

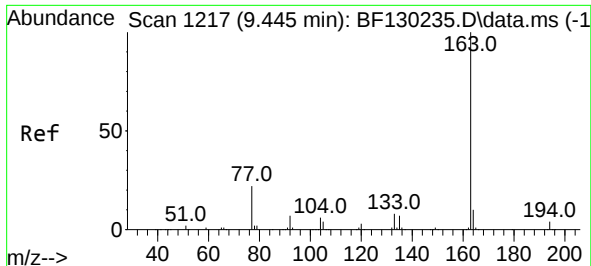
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.2 18.7 28.1

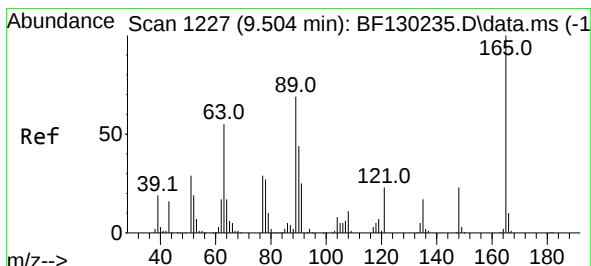
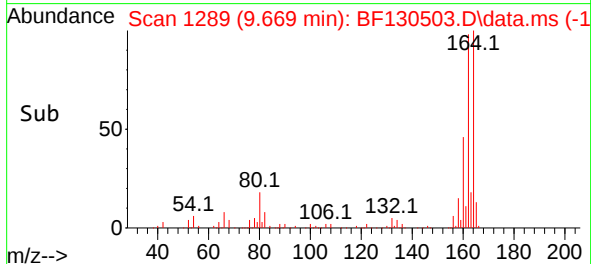
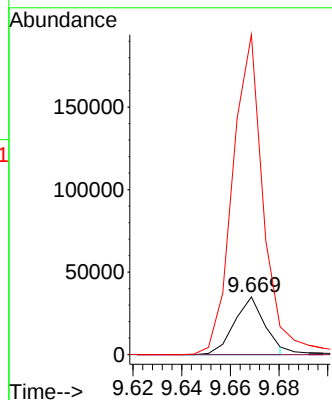
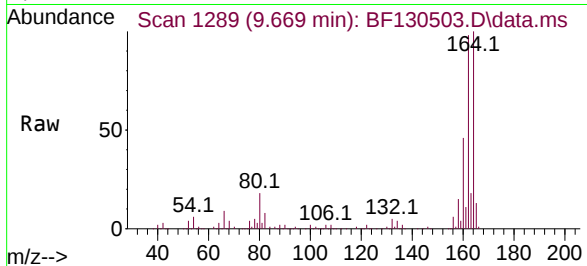




#50
Dimethylphthalate
Concen: 2.515 ng
RT: 9.669 min Scan# 1217
Delta R.T. 0.253 min
Lab File: BF130503.D
Acq: 03 Oct 2022 17:29

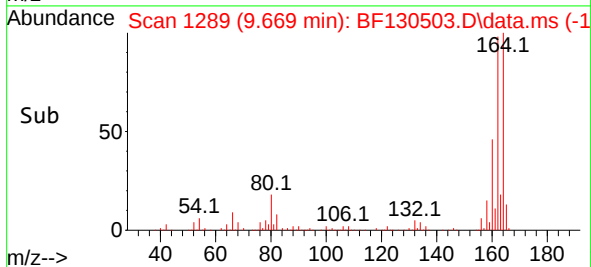
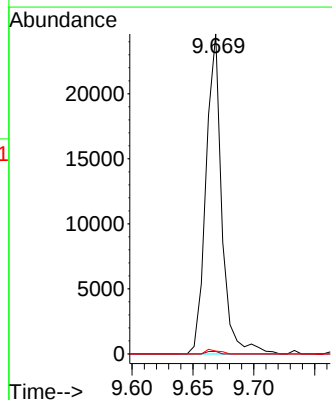
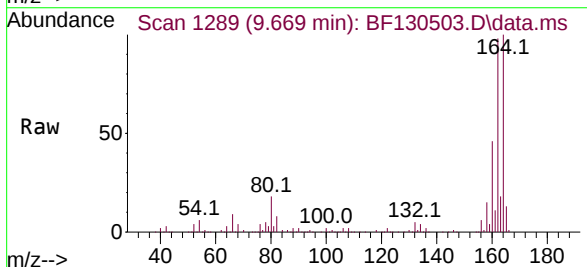
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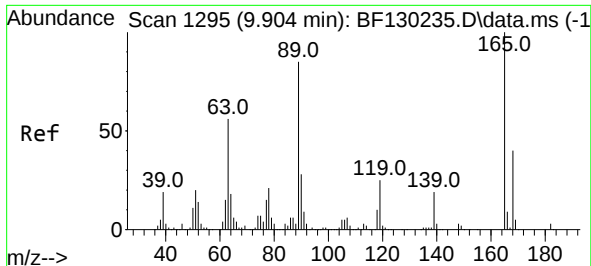
Tgt Ion:163 Resp: 30447
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 555.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.772 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.194 min
Lab File: BF130503.D
Acq: 03 Oct 2022 17:29

Tgt Ion:165 Resp: 22207
Ion Ratio Lower Upper
165 100
63 0.8 58.8 88.2#
89 0.9 54.5 81.7#

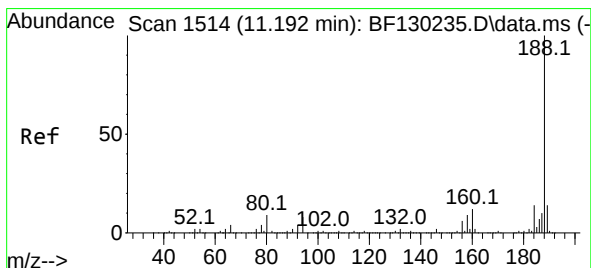
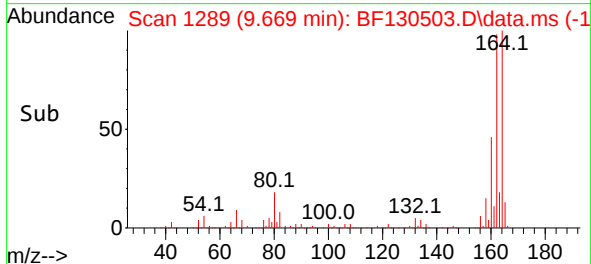
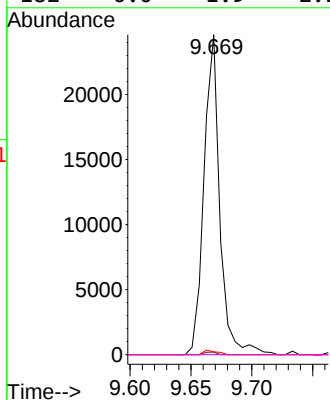
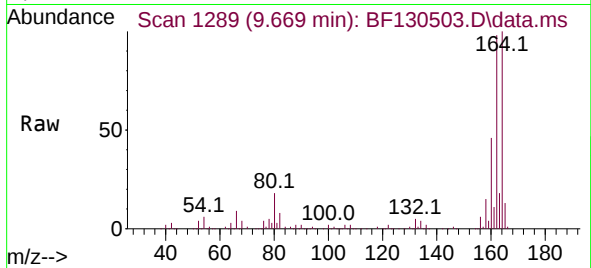




#57
2,4-Dinitrotoluene
Concen: 6.864 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130503.D
Acq: 03 Oct 2022 17:29

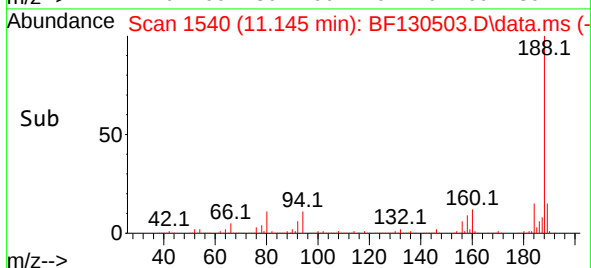
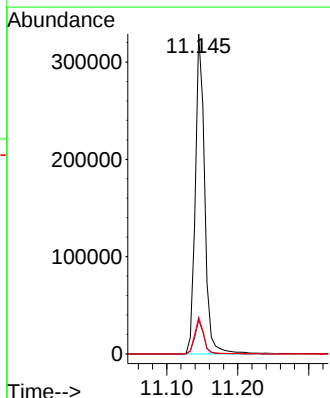
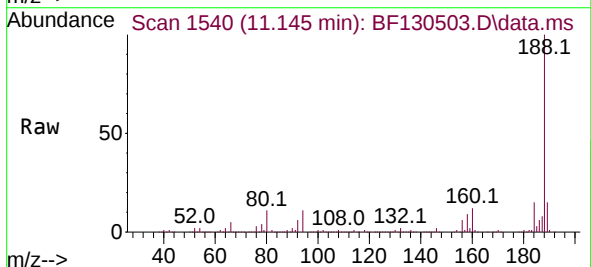
Instrument :
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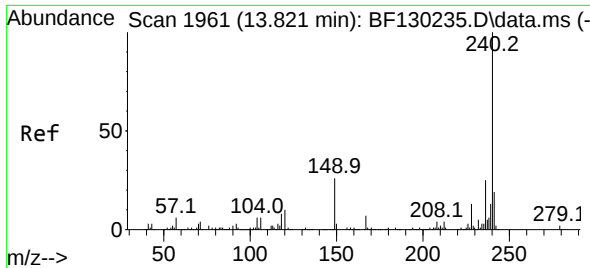
Tgt Ion:165	Resp:	22207
Ion Ratio	Lower	Upper
165	100	
63	0.8	44.7 67.1#
89	0.9	69.0 103.4#
182	0.0	1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130503.D
Acq: 03 Oct 2022 17:29

Tgt Ion:188	Resp:	301675
Ion Ratio	Lower	Upper
188	100	
94	10.5	7.4 11.2
80	11.4	7.9 11.9

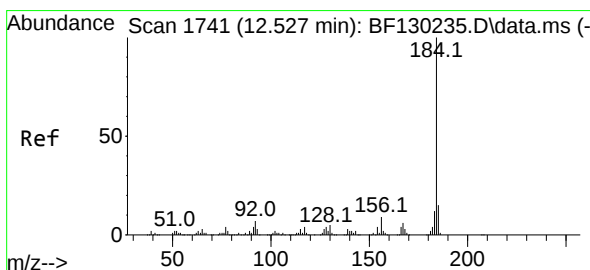
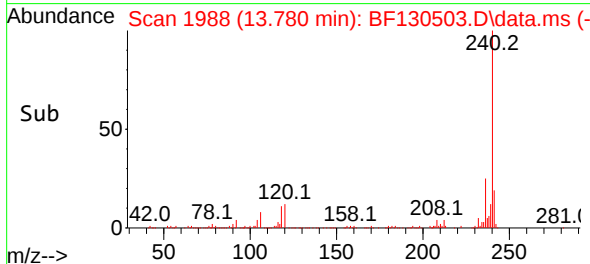
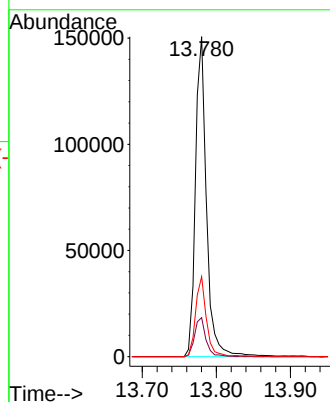
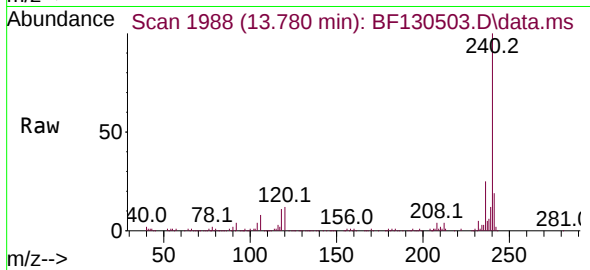




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BF130503.D
Acq: 03 Oct 2022 17:29

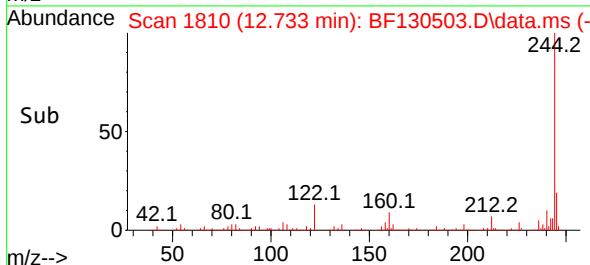
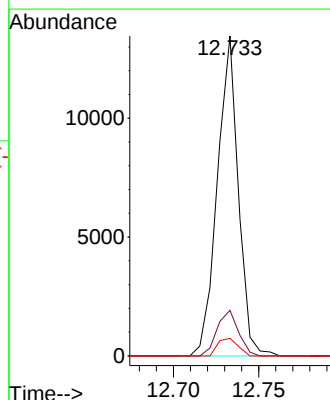
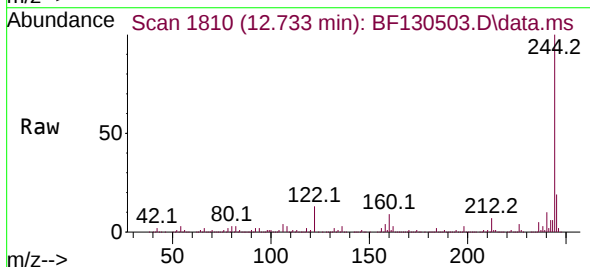
Instrument : BNA_F
ClientSampleId : REGULATORY-FOUNDATION-3

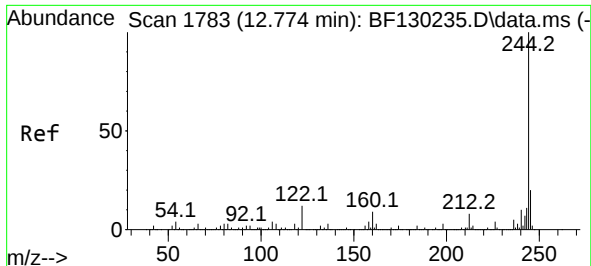
Tgt Ion:240 Resp: 156845
Ion Ratio Lower Upper
240 100
120 12.2 8.7 13.1
236 25.0 20.9 31.3



#77
Benzidine
Concen: 2.532 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.235 min
Lab File: BF130503.D
Acq: 03 Oct 2022 17:29

Tgt Ion:184 Resp: 11530
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 5.5 9.1 13.7#

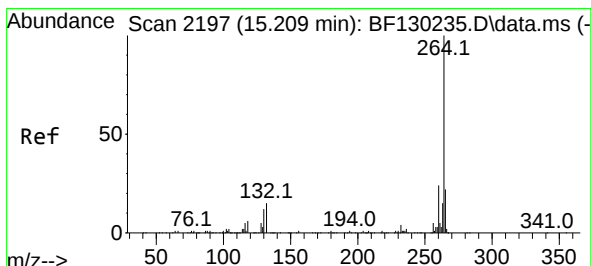
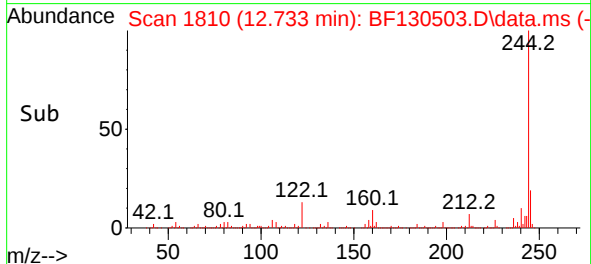
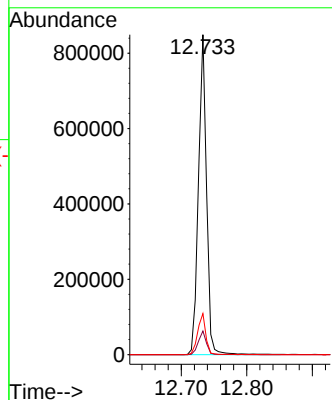
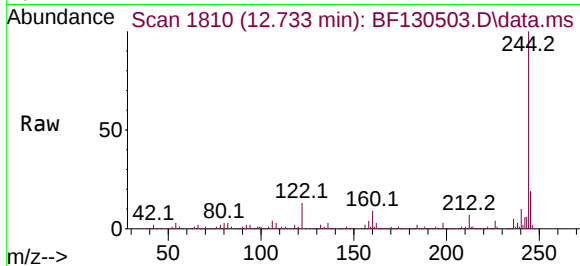




#79
 Terphenyl-d14
 Concen: 76.601 ng
 RT: 12.733 min Scan# 1810
 Delta R.T. -0.012 min
 Lab File: BF130503.D
 Acq: 03 Oct 2022 17:29

Instrument :
 BNA_F
 ClientSampleId :
 REGULATORY-FOUNDATION-3

Tgt Ion:244 Resp: 725299
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 12.8 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: BF130503.D
 Acq: 03 Oct 2022 17:29

Tgt Ion:264 Resp: 176019
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 21.3 17.0 25.4

