

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130585.D
 Acq On : 07 Oct 2022 20:50
 Operator : CG\JU
 Sample : N5046-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-3

Quant Time: Oct 10 01:46:13 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)

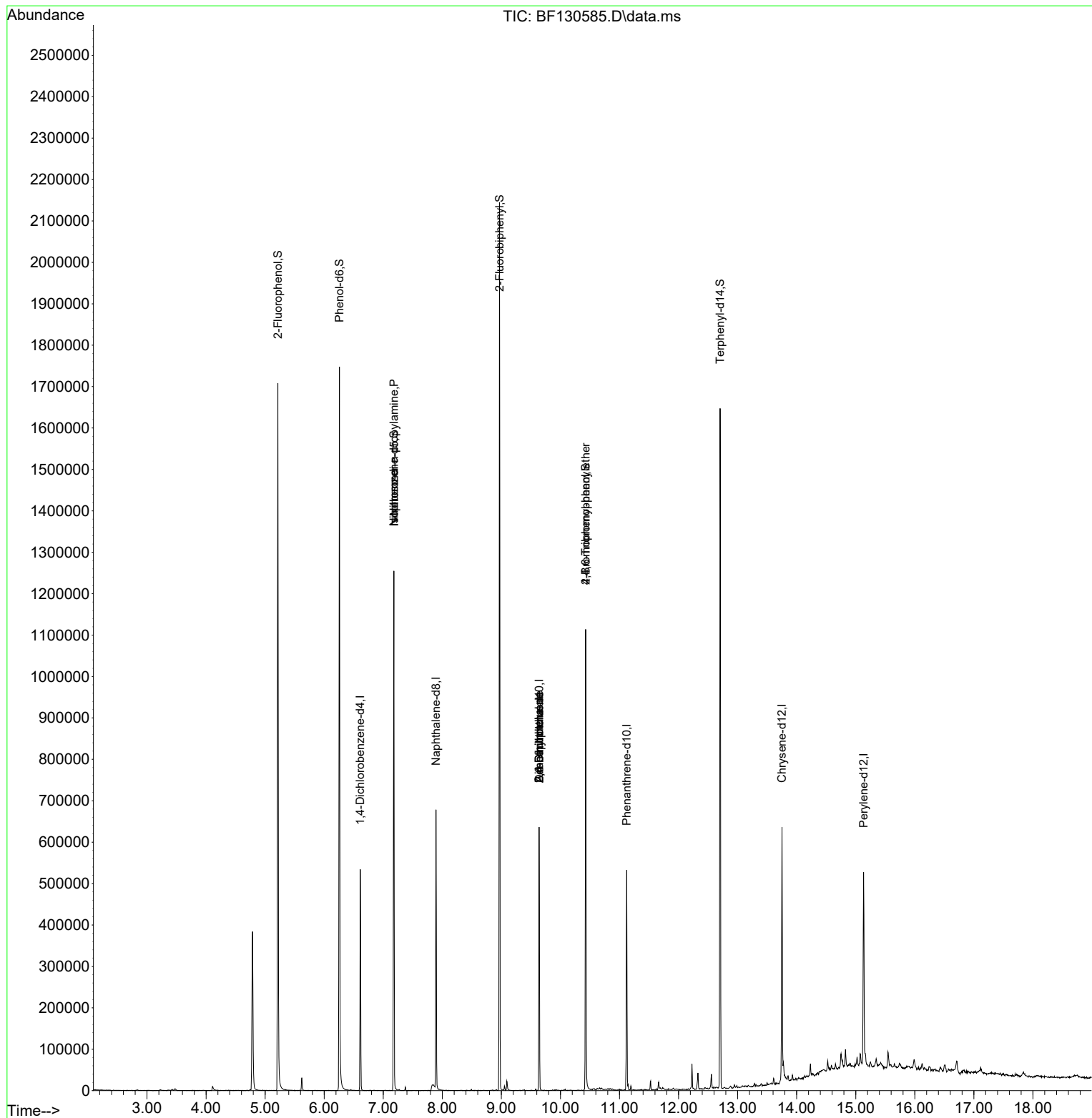
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.610	152	71146	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	257515	20.000	ng	-0.01
39) Acenaphthene-d10	9.639	164	116375	20.000	ng	-0.01
64) Phenanthrene-d10	11.122	188	175334	20.000	ng	-0.01
76) Chrysene-d12	13.751	240	175717	20.000	ng	-0.01
86) Perylene-d12	15.133	264	184372	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	452679	110.358	ng	0.00
7) Phenol-d6	6.257	99	532269	103.707	ng	-0.01
23) Nitrobenzene-d5	7.181	82	343842	68.215	ng	-0.01
42) 2,4,6-Tribromophenol	10.428	330	118019	105.838	ng	-0.01
45) 2-Fluorobiphenyl	8.969	172	570202	71.349	ng	-0.01
79) Terphenyl-d14	12.704	244	548081	51.668	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.181	70	46075	13.304	ng	# 72
25) Isophorone	7.181	82	343832	42.322	ng	# 66
50) Dimethylphthalate	9.639	163	21352	2.656	ng	# 1
51) 2,6-Dinitrotoluene	9.639	165	14595	8.681	ng	# 16
57) 2,4-Dinitrotoluene	9.639	165	14595	6.793	ng	# 16
67) 4-Bromophenyl-phenylether	10.428	248	7560	3.909	ng	# 1

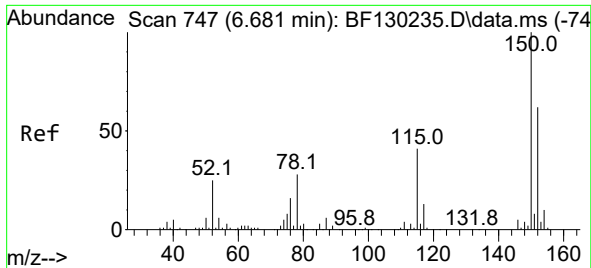
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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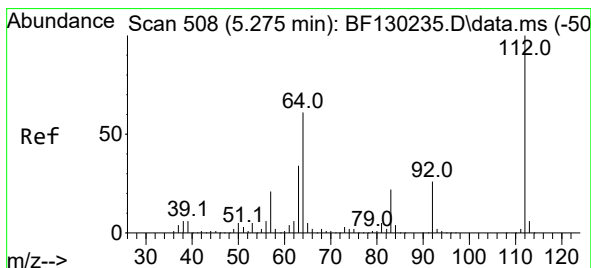
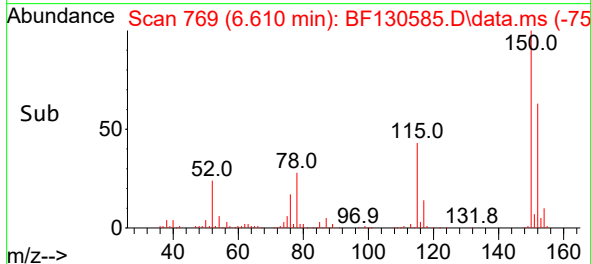
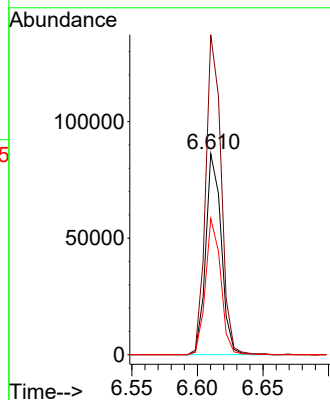
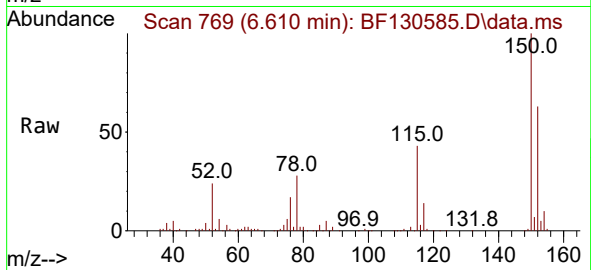




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.610 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130585.D
 Acq: 07 Oct 2022 20:50

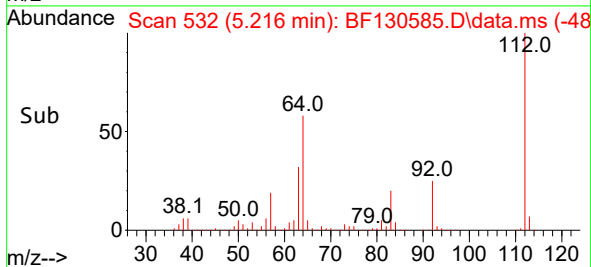
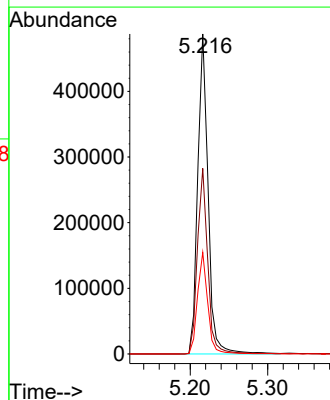
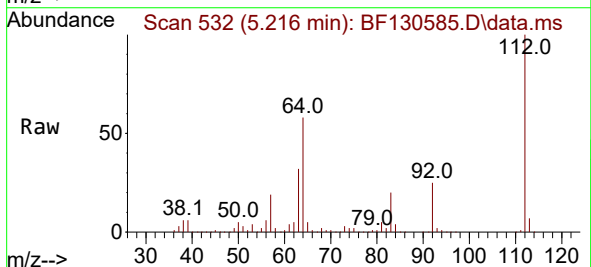
Instrument :
 BNA_F
 ClientSampleId :
 R-3

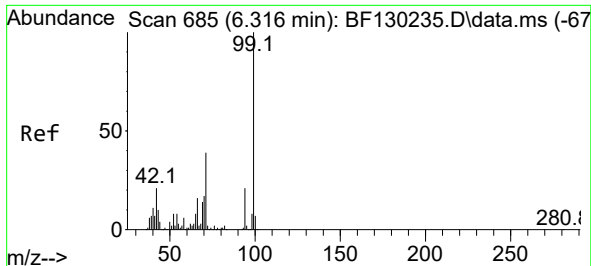
Tgt Ion:152 Resp: 71146
 Ion Ratio Lower Upper
 152 100
 150 159.2 122.8 184.2
 115 67.7 53.8 80.8



#5
 2-Fluorophenol
 Concen: 110.358 ng
 RT: 5.216 min Scan# 532
 Delta R.T. 0.000 min
 Lab File: BF130585.D
 Acq: 07 Oct 2022 20:50

Tgt Ion:112 Resp: 452679
 Ion Ratio Lower Upper
 112 100
 64 58.0 51.4 77.0
 63 31.7 28.8 43.2

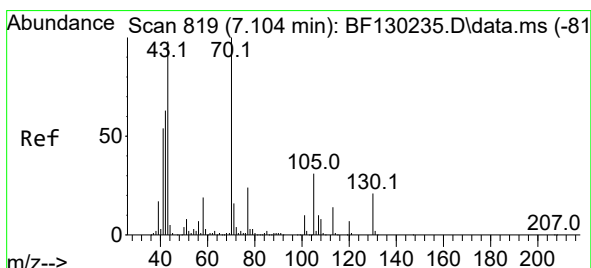
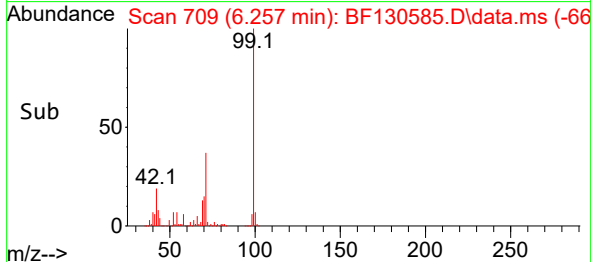
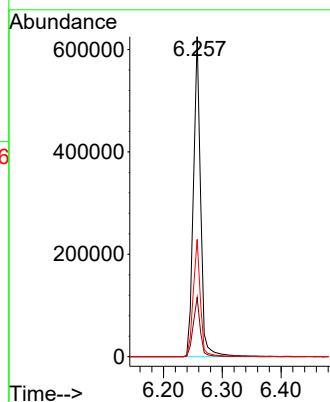
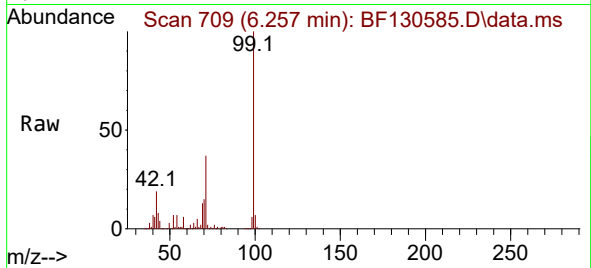




#7
Phenol-d6
Concen: 103.707 ng
RT: 6.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF130585.D
Acq: 07 Oct 2022 20:50

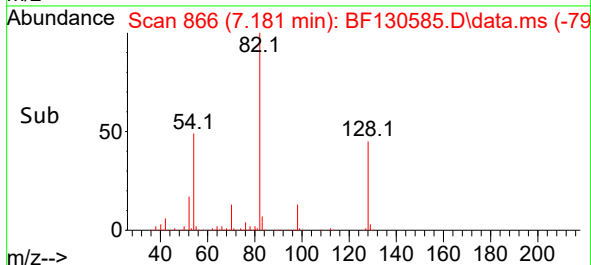
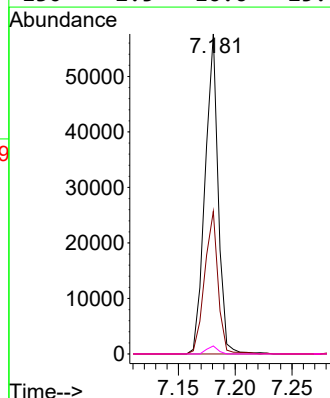
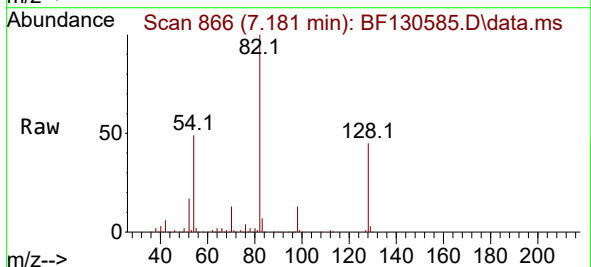
Instrument :
BNA_F
ClientSampleId :
R-3

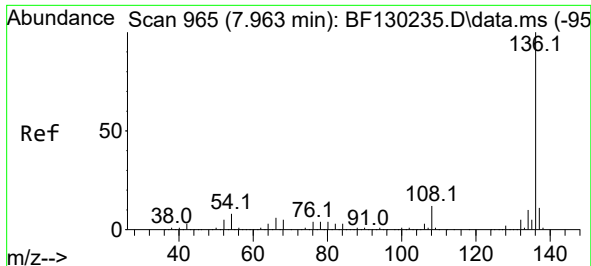
Tgt Ion: 99 Resp: 532269
Ion Ratio Lower Upper
99 100
42 18.6 17.0 25.6
71 36.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.304 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.135 min
Lab File: BF130585.D
Acq: 07 Oct 2022 20:50

Tgt Ion: 70 Resp: 46075
Ion Ratio Lower Upper
70 100
42 44.6 50.8 76.2#
101 0.0 8.2 12.4#
130 2.5 16.6 25.0#

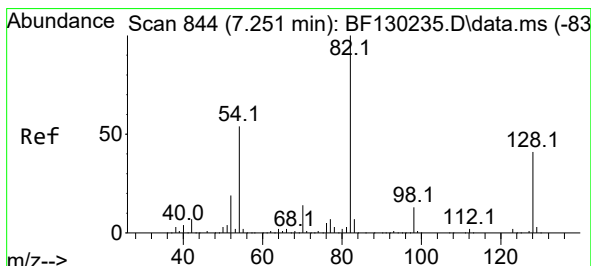
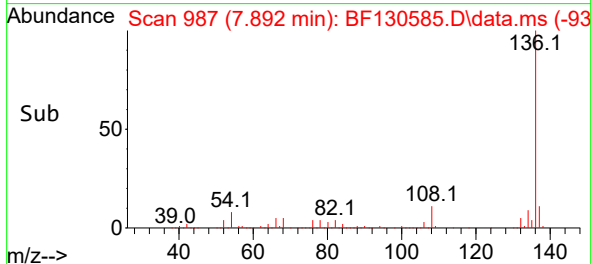
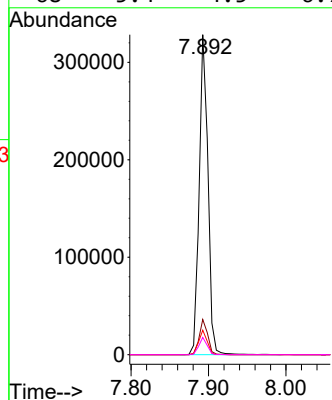
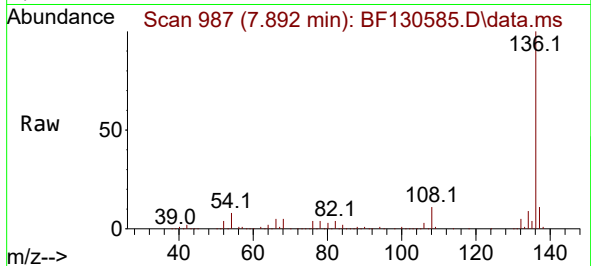




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.892 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130585.D
Acq: 07 Oct 2022 20:50

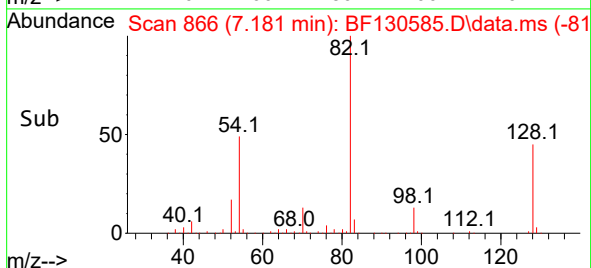
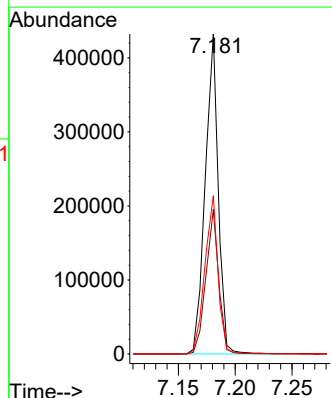
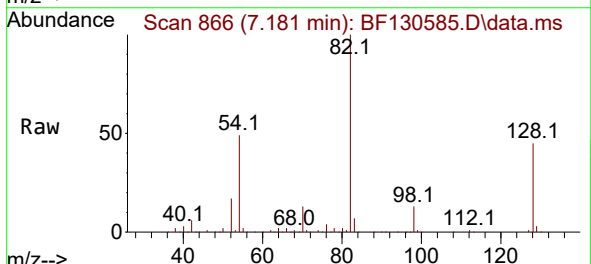
Instrument :
BNA_F
ClientSampleId :
R-3

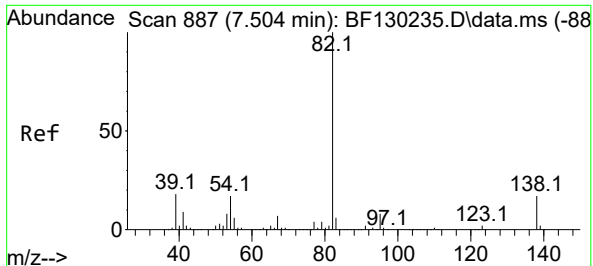
Tgt Ion:	136	Resp:	257515
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	7.6	7.1	10.7
68	5.4	4.5	6.7



#23
Nitrobenzene-d5
Concen: 68.215 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF130585.D
Acq: 07 Oct 2022 20:50

Tgt Ion:	82	Resp:	343842
Ion Ratio	Lower	Upper	
82	100		
128	45.1	32.6	49.0
54	49.5	43.8	65.6

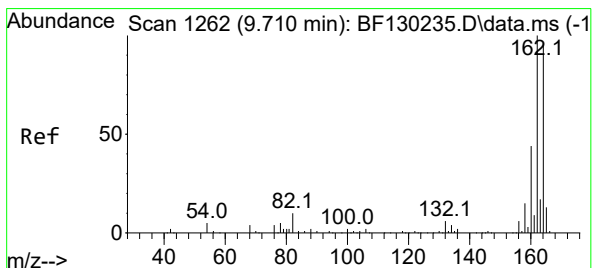
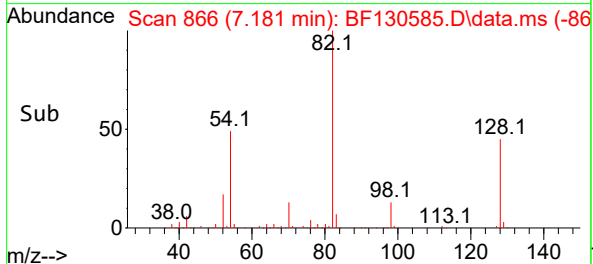
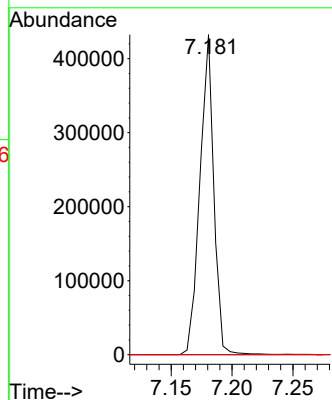
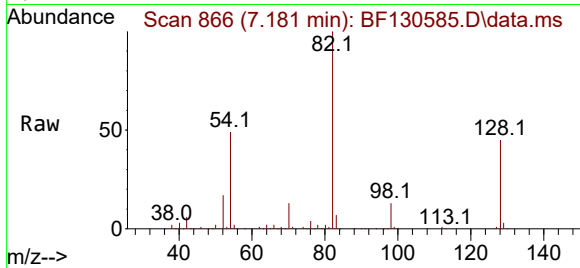




#25
Isophorone
Concen: 42.322 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF130585.D
Acq: 07 Oct 2022 20:50

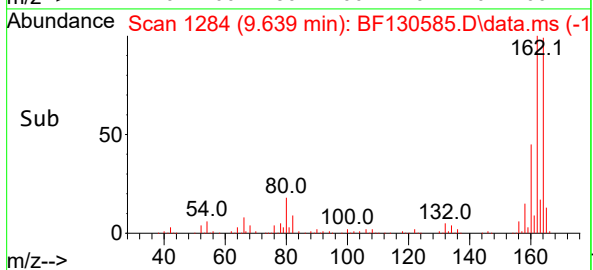
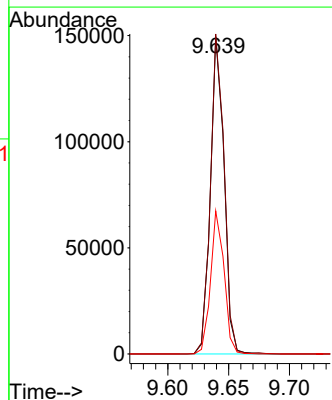
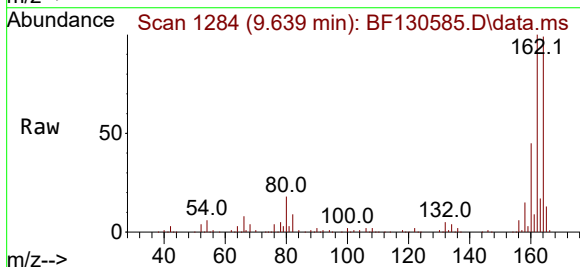
Instrument :
BNA_F
ClientSampleId :
R-3

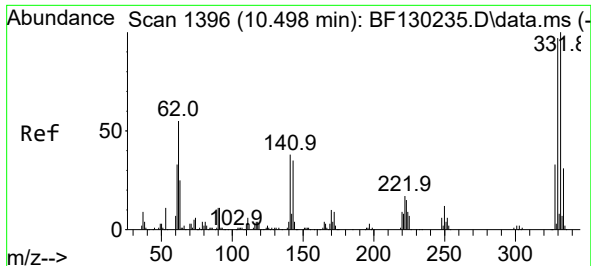
Tgt Ion: 82 Resp: 343832
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BF130585.D
Acq: 07 Oct 2022 20:50

Tgt Ion: 164 Resp: 116375
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 45.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 105.838 ng

RT: 10.428 min Scan# 1418

Delta R.T. -0.012 min

Lab File: BF130585.D

Acq: 07 Oct 2022 20:50

Instrument :

BNA_F

ClientSampleId :

R-3

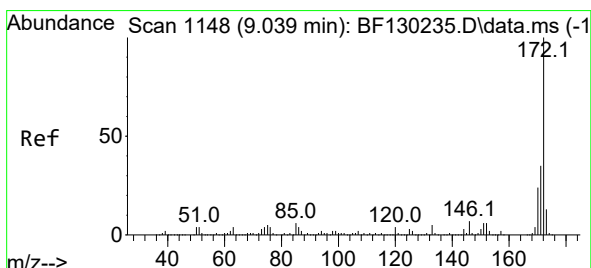
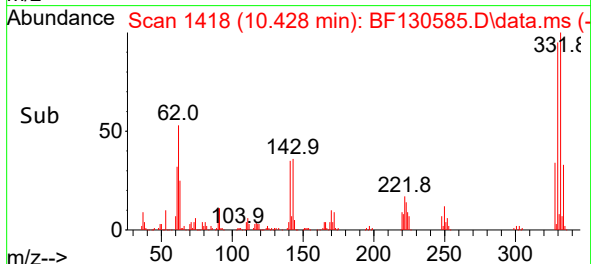
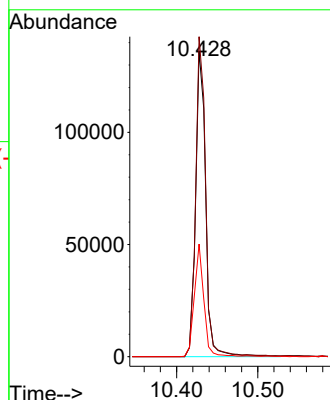
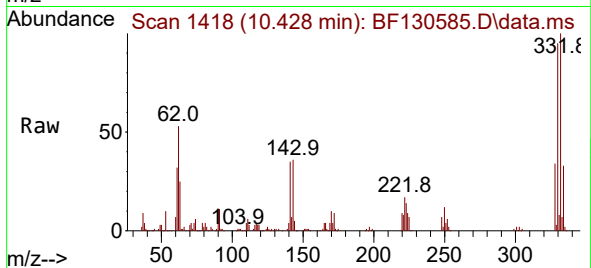
Tgt Ion:330 Resp: 118019

Ion Ratio Lower Upper

330 100

332 103.8 83.4 125.2

141 34.9 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 71.349 ng

RT: 8.969 min Scan# 1170

Delta R.T. -0.012 min

Lab File: BF130585.D

Acq: 07 Oct 2022 20:50

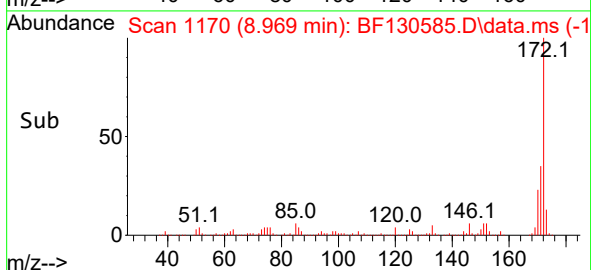
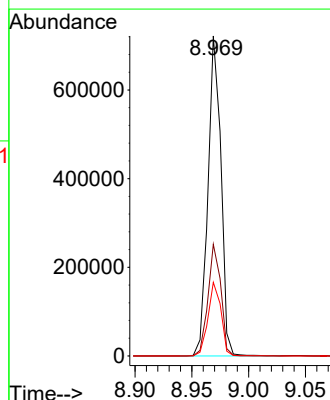
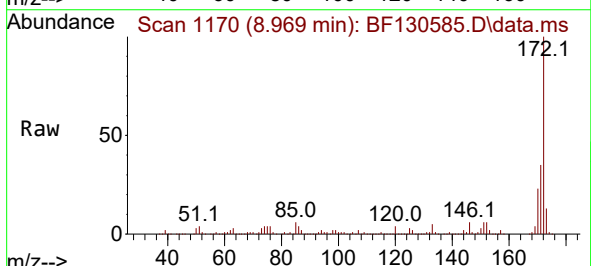
Tgt Ion:172 Resp: 570202

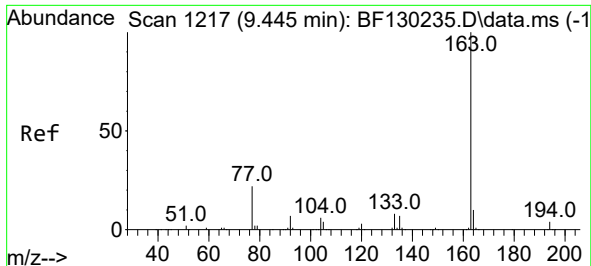
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.0 18.7 28.1

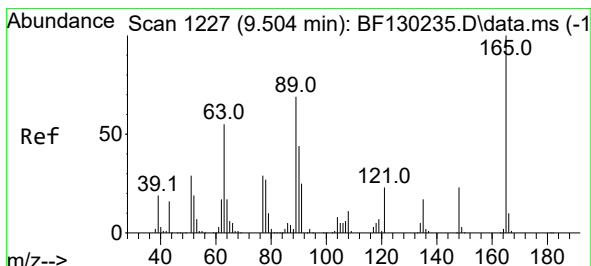
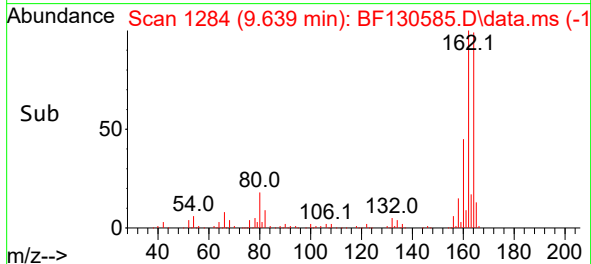
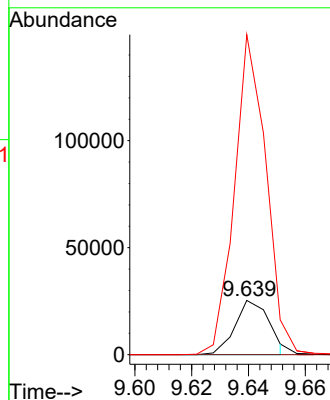
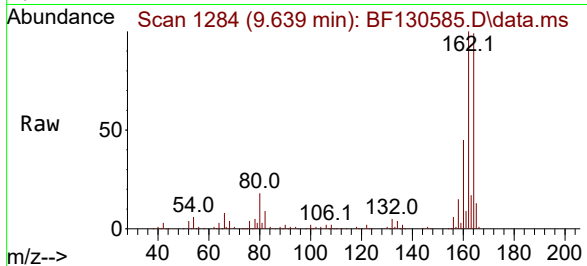




#50
Dimethylphthalate
Concen: 2.656 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.253 min
Lab File: BF130585.D
Acq: 07 Oct 2022 20:50

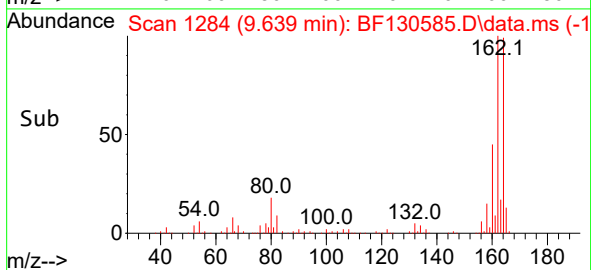
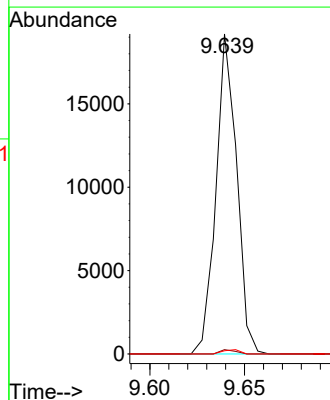
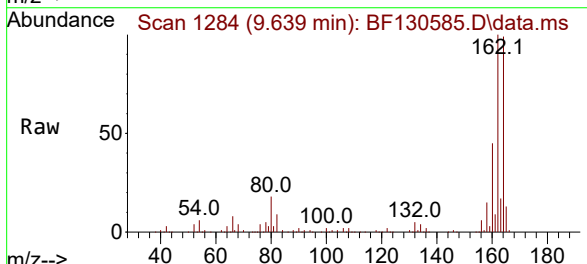
Instrument :
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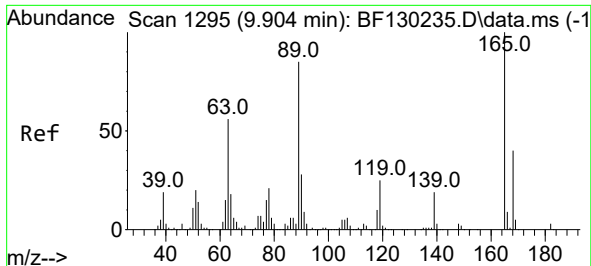
Tgt Ion:163 Resp: 21352
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 590.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.681 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.188 min
Lab File: BF130585.D
Acq: 07 Oct 2022 20:50

Tgt Ion:165 Resp: 14595
Ion Ratio Lower Upper
165 100
63 1.3 58.8 88.2#
89 1.0 54.5 81.7#

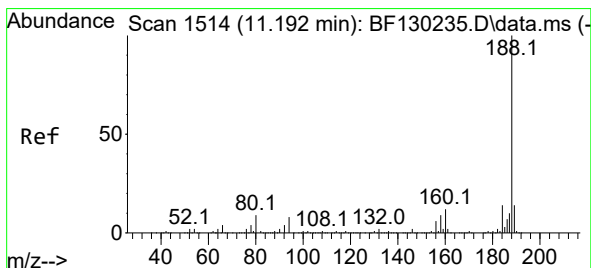
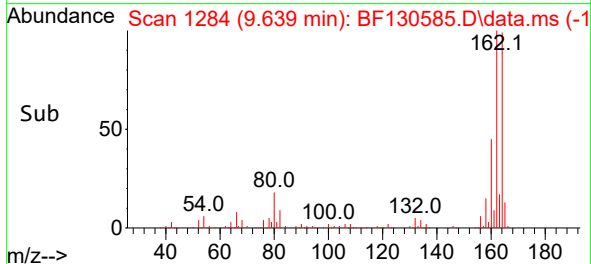
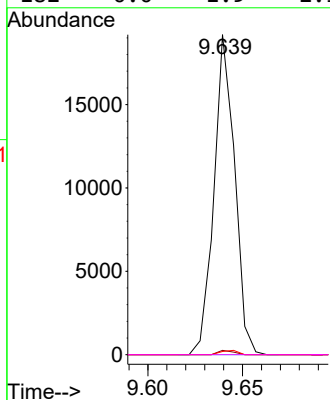
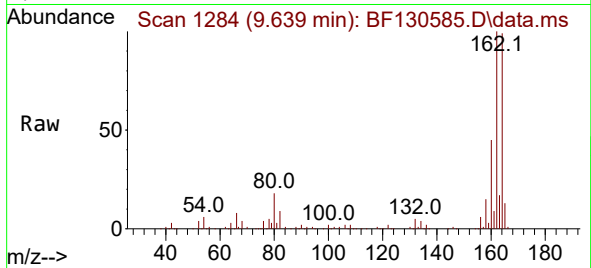




#57
2,4-Dinitrotoluene
Concen: 6.793 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130585.D
Acq: 07 Oct 2022 20:50

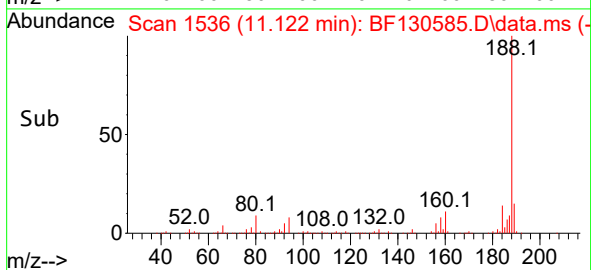
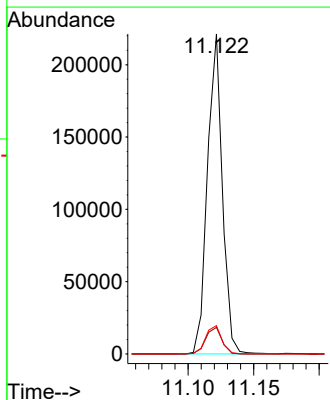
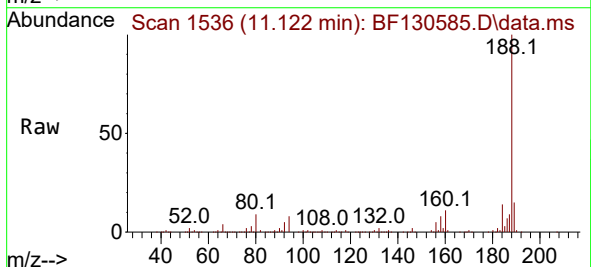
Instrument :
BNA_F
ClientSampleId :
R-3

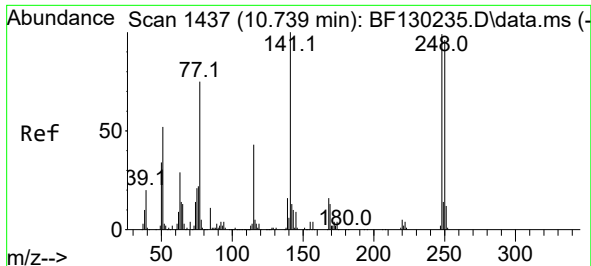
Tgt Ion:165 Resp: 14595
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.0 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.122 min Scan# 1536
Delta R.T. -0.012 min
Lab File: BF130585.D
Acq: 07 Oct 2022 20:50

Tgt Ion:188 Resp: 175334
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 8.9 7.9 11.9

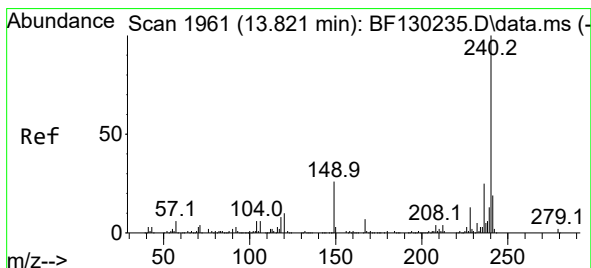
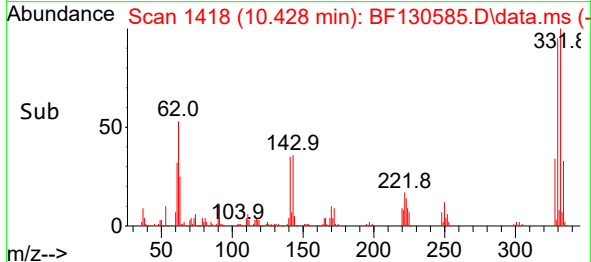
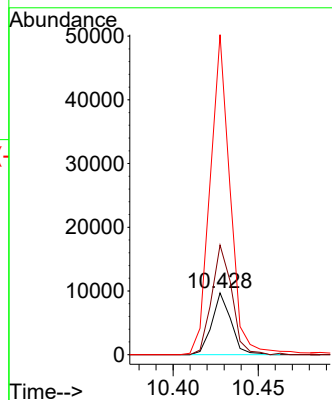
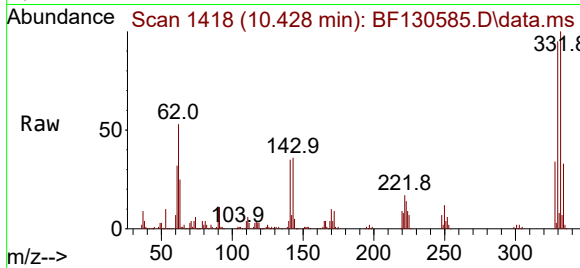




#67
4-Bromophenyl-phenylether
Concen: 3.909 ng
RT: 10.428 min Scan# 1437
Delta R.T. -0.253 min
Lab File: BF130585.D
Acq: 07 Oct 2022 20:50

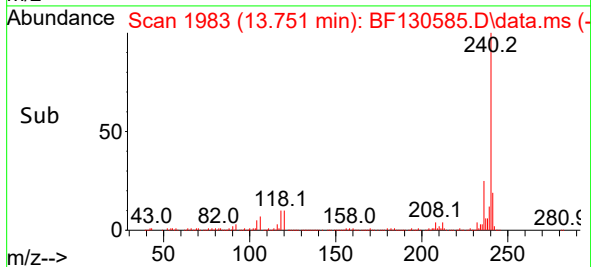
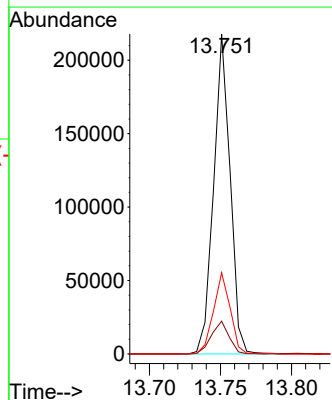
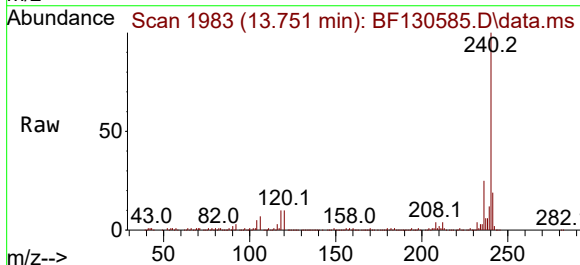
Instrument :
BNA_F
ClientSampleId :
R-3

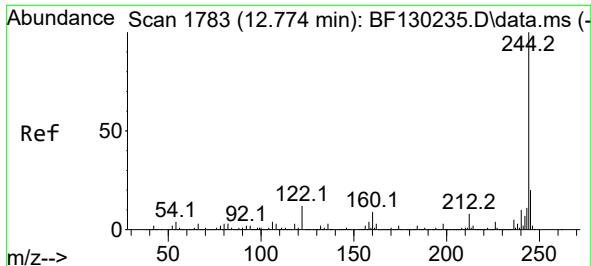
Tgt Ion:248 Resp: 7560
Ion Ratio Lower Upper
248 100
250 177.5 80.0 120.0#
141 518.3 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BF130585.D
Acq: 07 Oct 2022 20:50

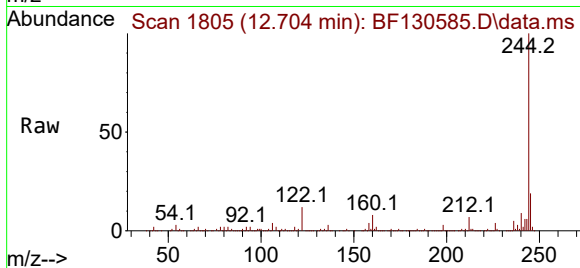
Tgt Ion:240 Resp: 175717
Ion Ratio Lower Upper
240 100
120 10.2 8.7 13.1
236 25.4 20.9 31.3



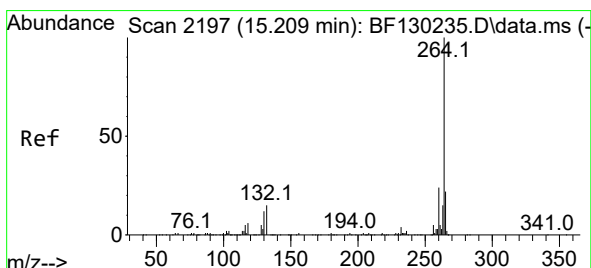
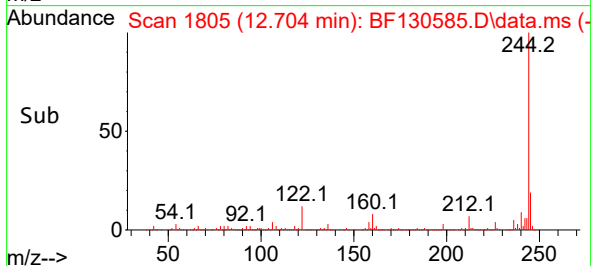
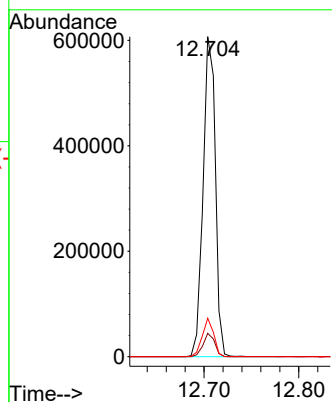


#79
 Terphenyl-d14
 Concen: 51.668 ng
 RT: 12.704 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130585.D
 Acq: 07 Oct 2022 20:50

Instrument :
 BNA_F
 ClientSampleId :
 R-3



Tgt Ion:244 Resp: 548081
 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: 15.133 min Scan# 2218
 Delta R.T. -0.012 min
 Lab File: BF130585.D
 Acq: 07 Oct 2022 20:50

Tgt Ion:264 Resp: 184372
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.7 17.0 25.4

