

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130591.D
 Acq On : 08 Oct 2022 00:07
 Operator : CG\JU
 Sample : N5046-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-8

Quant Time: Oct 10 01:47:33 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)

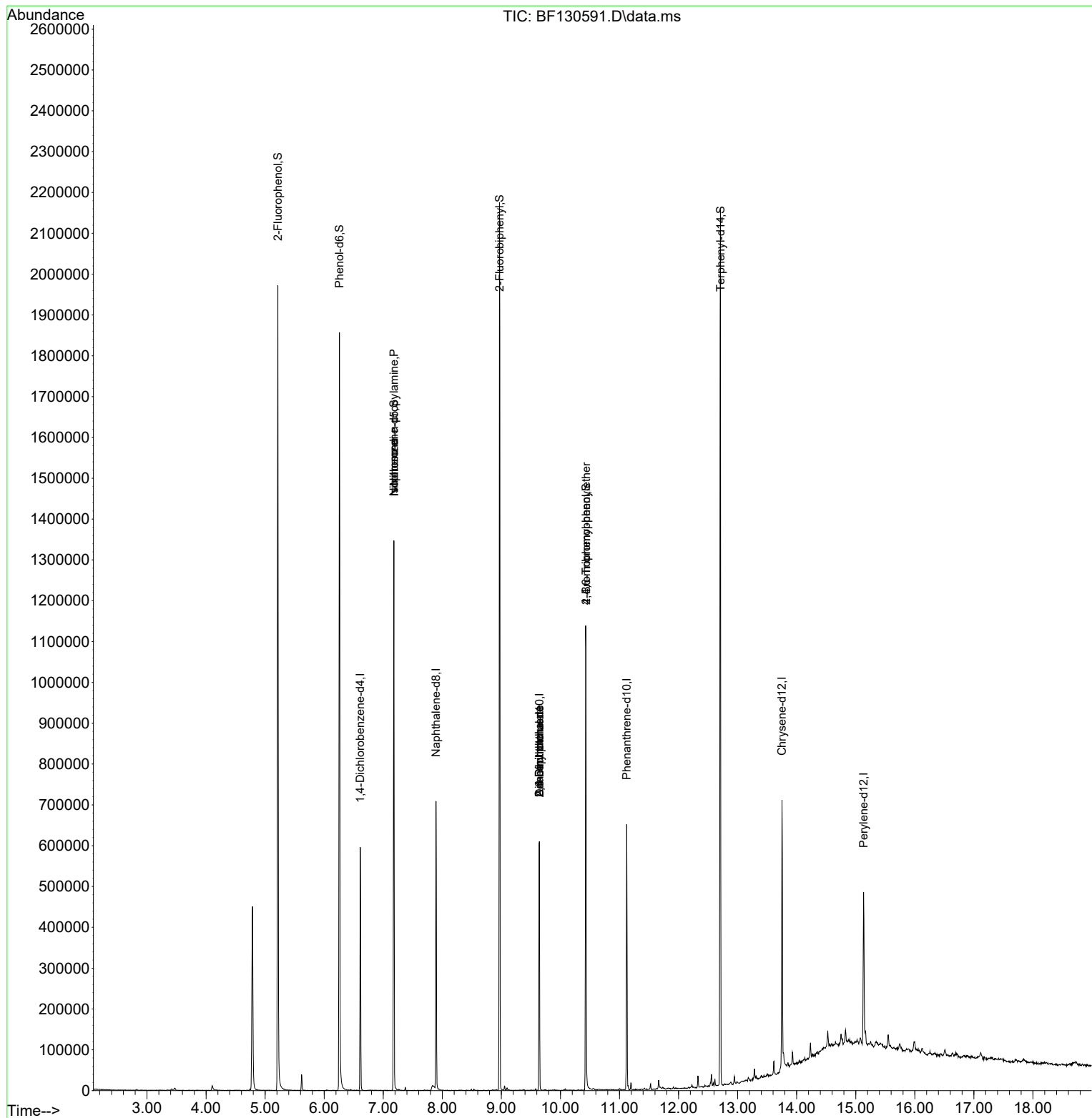
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.610	152	82132	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	284830	20.000	ng	-0.01
39) Acenaphthene-d10	9.645	164	125868	20.000	ng	0.00
64) Phenanthrene-d10	11.122	188	206211	20.000	ng	-0.01
76) Chrysene-d12	13.751	240	205561	20.000	ng	-0.01
86) Perylene-d12	15.133	264	151997	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	533883	112.745	ng	0.00
7) Phenol-d6	6.257	99	634931	107.162	ng	-0.01
23) Nitrobenzene-d5	7.181	82	375004	67.263	ng	-0.01
42) 2,4,6-Tribromophenol	10.433	330	137161	113.727	ng	0.00
45) 2-Fluorobiphenyl	8.969	172	636530	73.641	ng	-0.01
79) Terphenyl-d14	12.710	244	692952	55.841	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.181	70	50246	12.568	ng	# 71
25) Isophorone	7.181	82	375001	41.732	ng	# 66
50) Dimethylphthalate	9.645	163	24059	2.767	ng	# 1
51) 2,6-Dinitrotoluene	9.645	165	15750	8.662	ng	# 16
57) 2,4-Dinitrotoluene	9.645	165	15750	6.778	ng	# 16
67) 4-Bromophenyl-phenylether	10.433	248	7974	3.505	ng	# 1

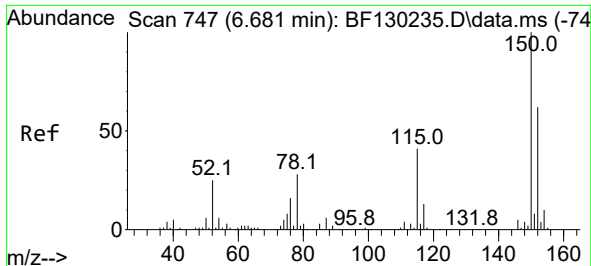
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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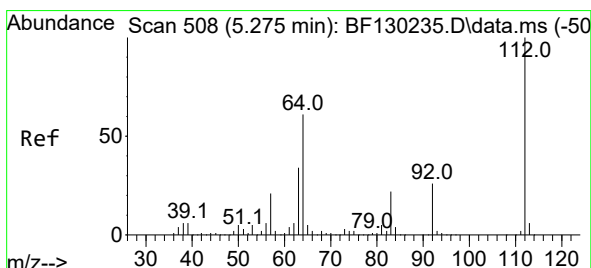
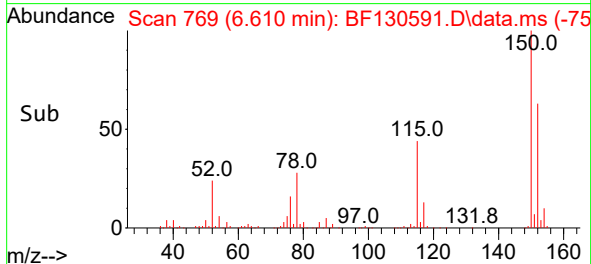
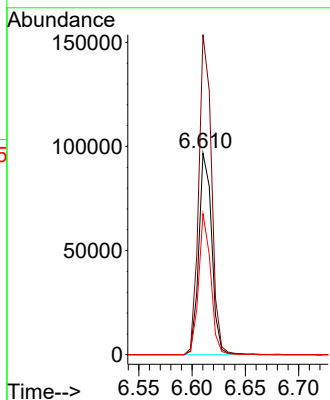
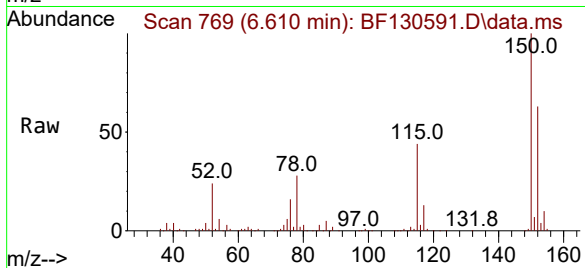




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.610 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130591.D
Acq: 08 Oct 2022 00:07

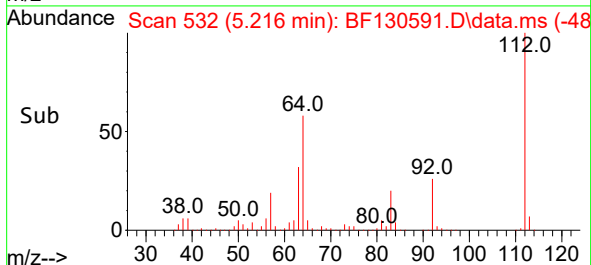
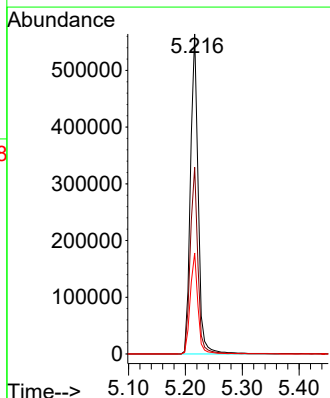
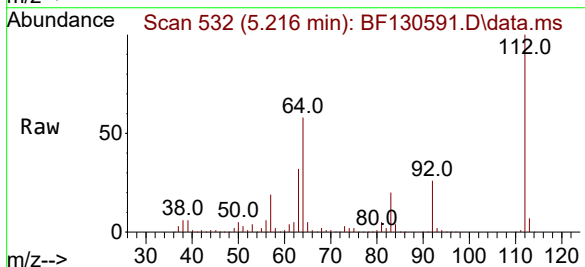
Instrument :
BNA_F
ClientSampleId :
R-8

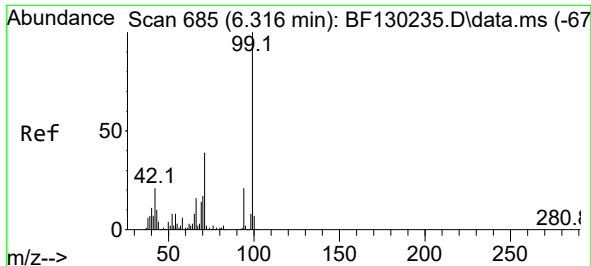
Tgt Ion:152 Resp: 82132
Ion Ratio Lower Upper
152 100
150 158.8 122.8 184.2
115 69.9 53.8 80.8



#5
2-Fluorophenol
Concen: 112.745 ng
RT: 5.216 min Scan# 532
Delta R.T. 0.000 min
Lab File: BF130591.D
Acq: 08 Oct 2022 00:07

Tgt Ion:112 Resp: 533883
Ion Ratio Lower Upper
112 100
64 58.4 51.4 77.0
63 31.6 28.8 43.2

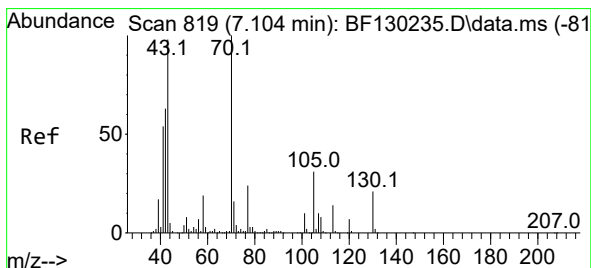
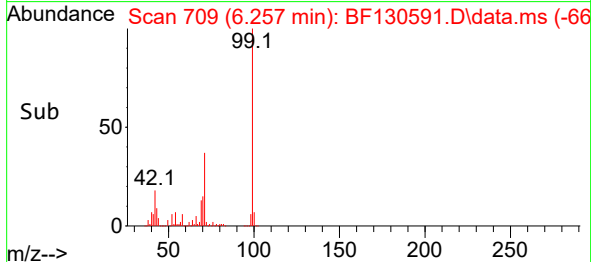
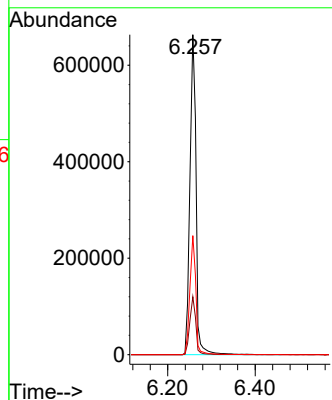
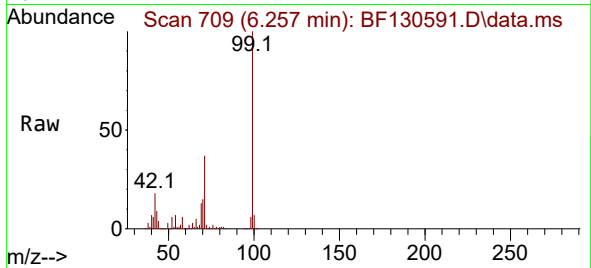




#7
Phenol-d6
Concen: 107.162 ng
RT: 6.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF130591.D
Acq: 08 Oct 2022 00:07

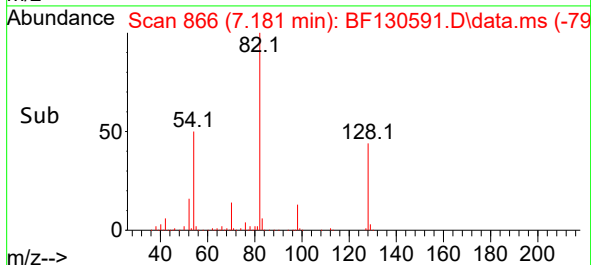
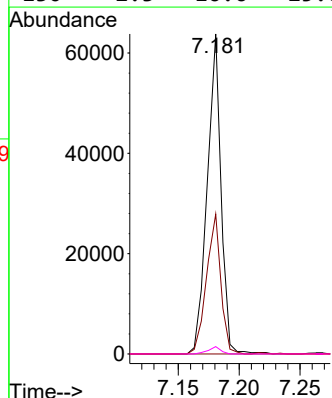
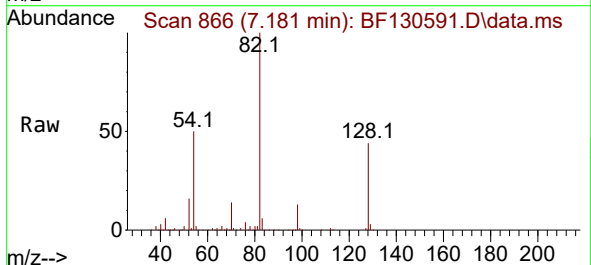
Instrument :
BNA_F
ClientSampleId :
R-8

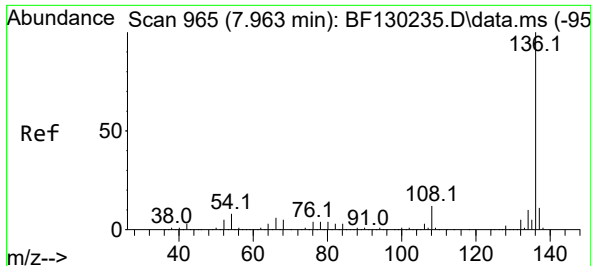
Tgt Ion: 99 Resp: 634931
Ion Ratio Lower Upper
99 100
42 18.1 17.0 25.6
71 37.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.568 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.135 min
Lab File: BF130591.D
Acq: 08 Oct 2022 00:07

Tgt Ion: 70 Resp: 50246
Ion Ratio Lower Upper
70 100
42 43.7 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#

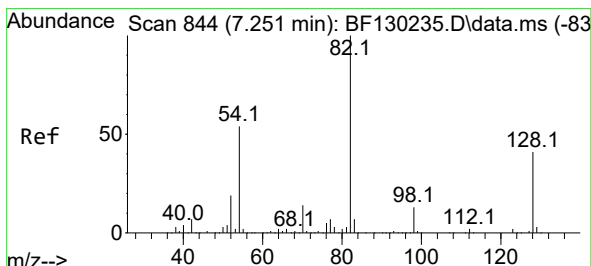
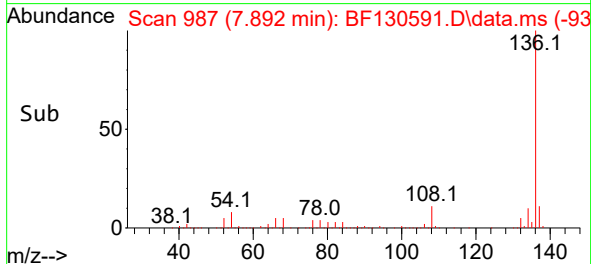
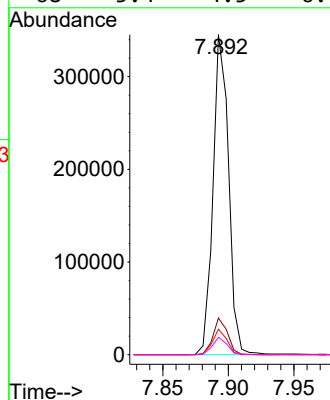
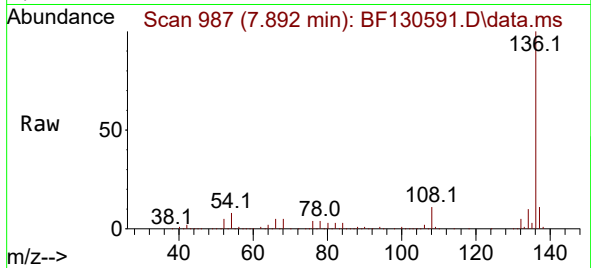




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.892 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130591.D
Acq: 08 Oct 2022 00:07

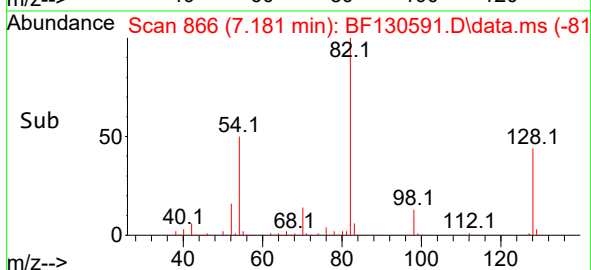
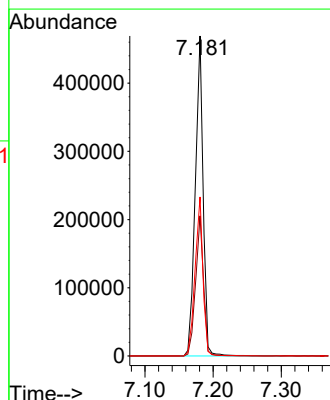
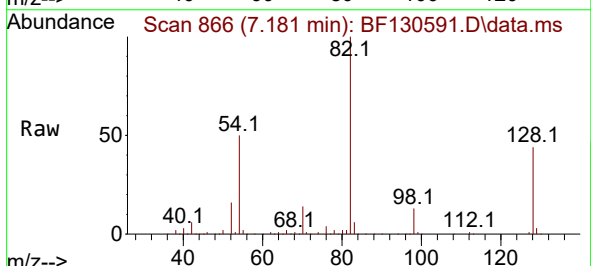
Instrument :
BNA_F
ClientSampleId :
R-8

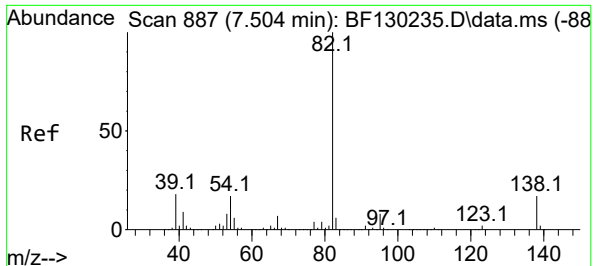
Tgt Ion:136 Resp: 284830
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.0 7.1 10.7
68 5.4 4.5 6.7



#23
Nitrobenzene-d5
Concen: 67.263 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF130591.D
Acq: 08 Oct 2022 00:07

Tgt Ion: 82 Resp: 375004
Ion Ratio Lower Upper
82 100
128 43.8 32.6 49.0
54 49.7 43.8 65.6

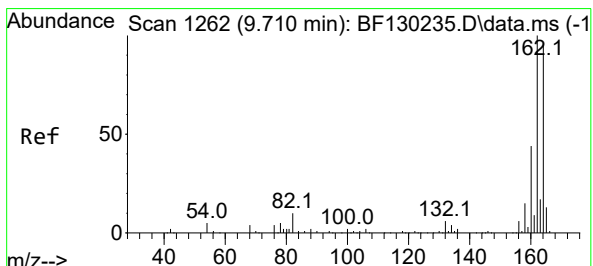
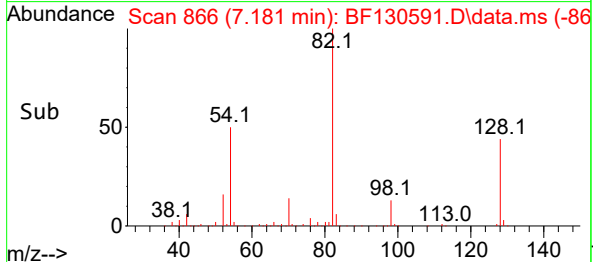
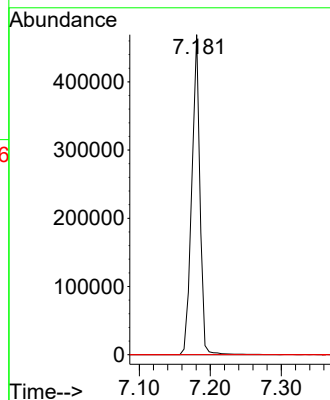
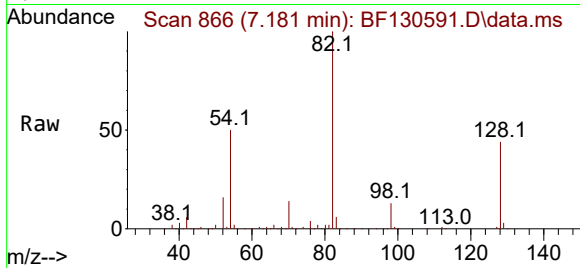




#25
Isophorone
Concen: 41.732 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF130591.D
Acq: 08 Oct 2022 00:07

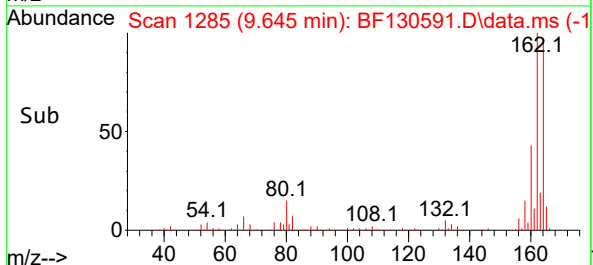
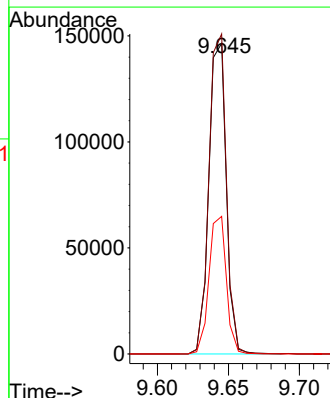
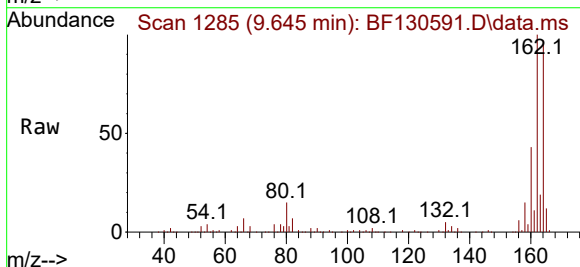
Instrument :
BNA_F
ClientSampleId :
R-8

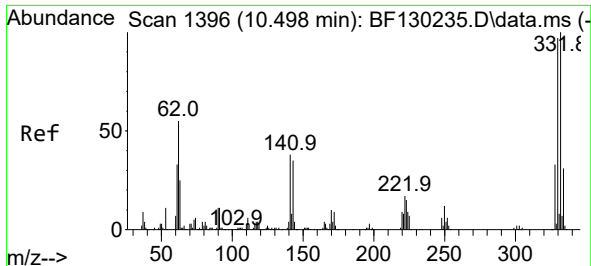
Tgt Ion: 82 Resp: 375001
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130591.D
Acq: 08 Oct 2022 00:07

Tgt Ion: 164 Resp: 125868
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 44.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 113.727 ng

RT: 10.433 min Scan# 1419

Delta R.T. -0.006 min

Lab File: BF130591.D

Acq: 08 Oct 2022 00:07

Instrument :

BNA_F

ClientSampleId :

R-8

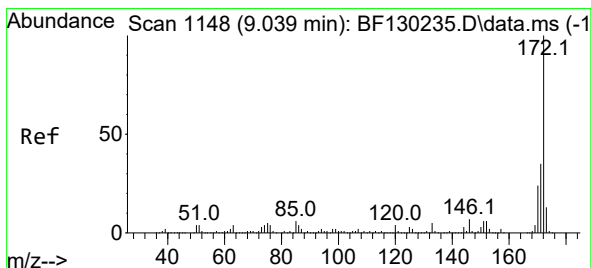
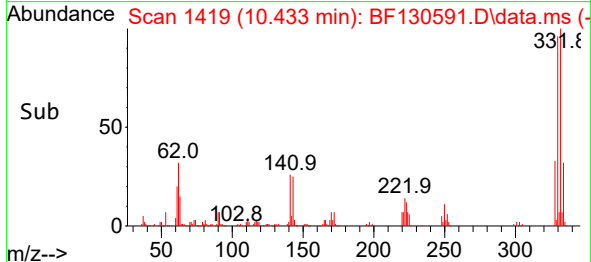
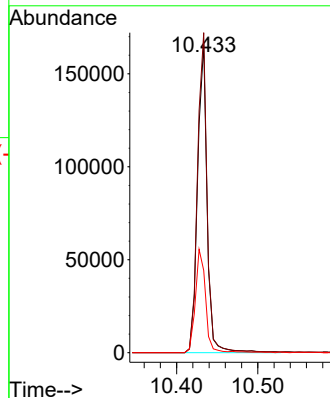
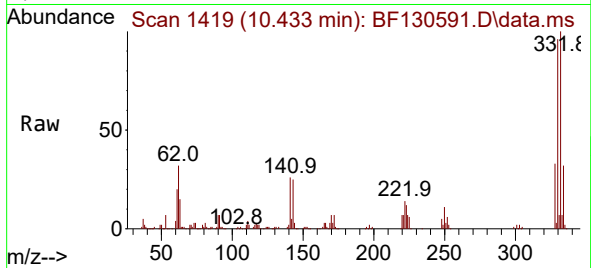
Tgt Ion:330 Resp: 137161

Ion Ratio Lower Upper

330 100

332 105.4 83.4 125.2

141 35.9 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 73.641 ng

RT: 8.969 min Scan# 1170

Delta R.T. -0.012 min

Lab File: BF130591.D

Acq: 08 Oct 2022 00:07

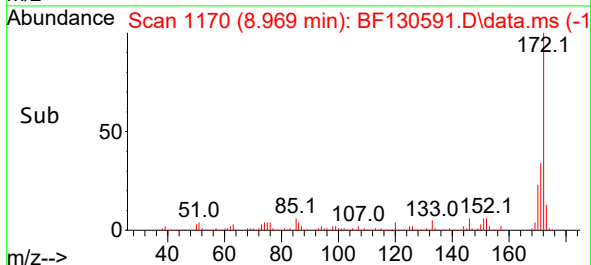
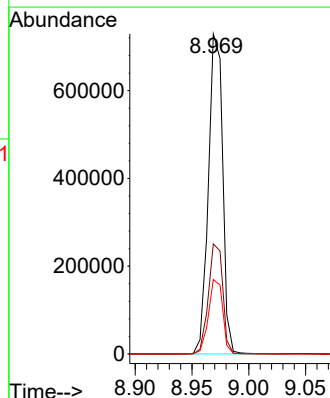
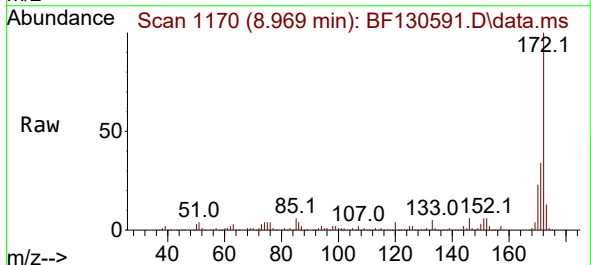
Tgt Ion:172 Resp: 636530

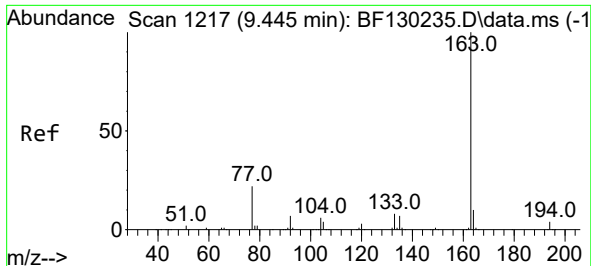
Ion Ratio Lower Upper

172 100

171 34.4 28.3 42.5

170 23.2 18.7 28.1

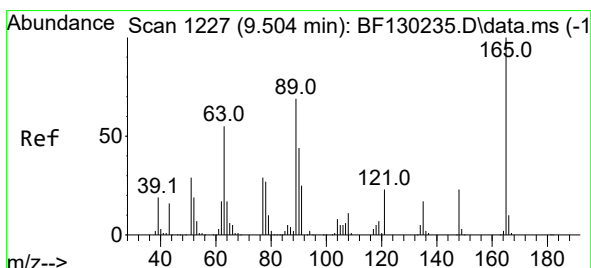
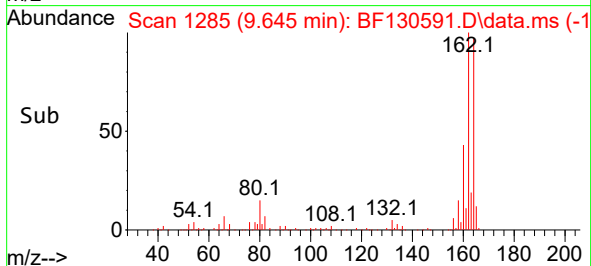
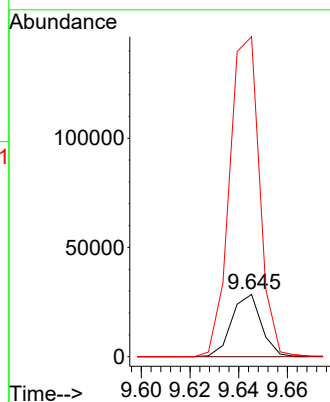
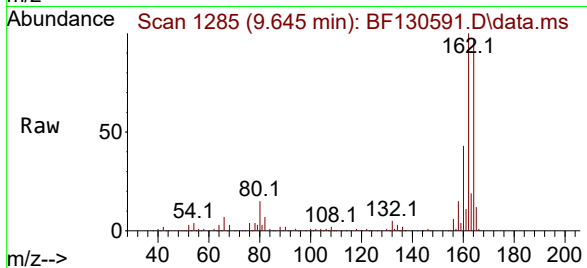




#50
Dimethylphthalate
Concen: 2.767 ng
RT: 9.645 min Scan# 1217
Delta R.T. 0.259 min
Lab File: BF130591.D
Acq: 08 Oct 2022 00:07

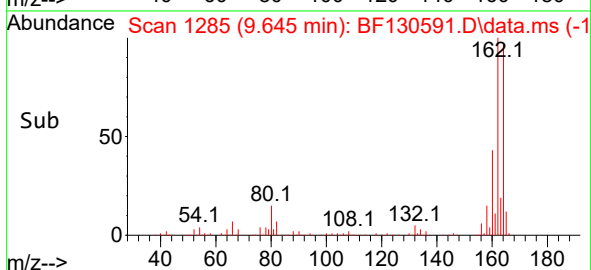
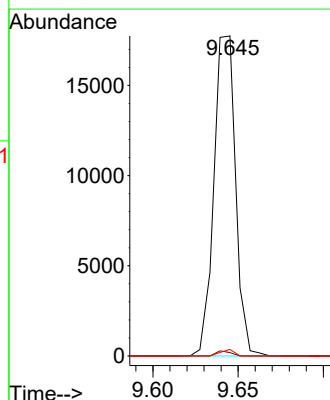
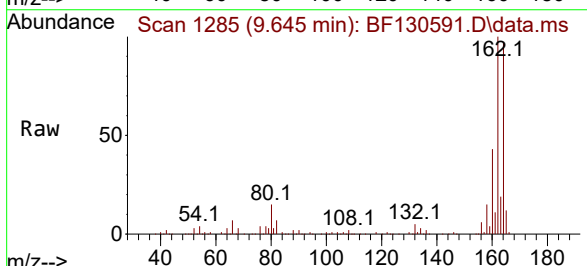
Instrument :
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R-8

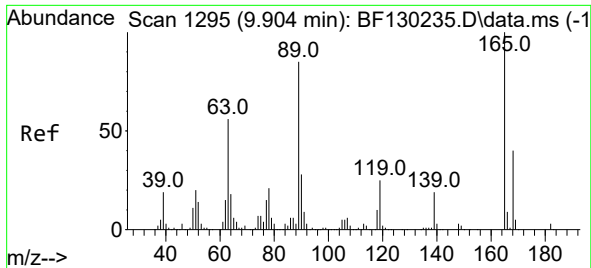
Tgt Ion:163 Resp: 24059
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 513.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.662 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.194 min
Lab File: BF130591.D
Acq: 08 Oct 2022 00:07

Tgt Ion:165 Resp: 15750
Ion Ratio Lower Upper
165 100
63 1.1 58.8 88.2#
89 2.0 54.5 81.7#

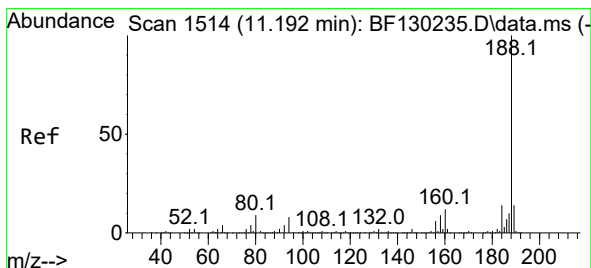
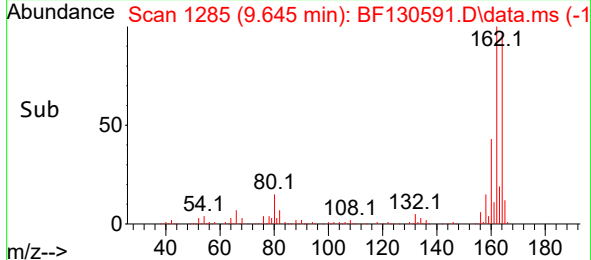
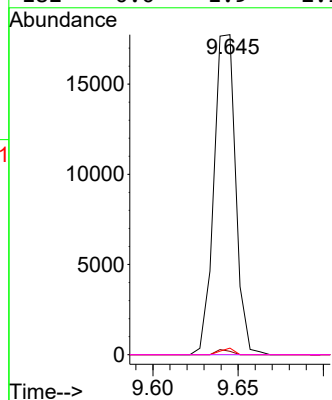
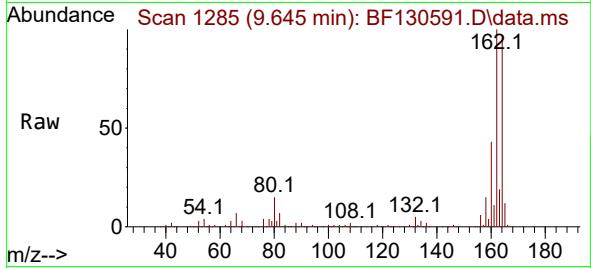




#57
2,4-Dinitrotoluene
Concen: 6.778 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130591.D
Acq: 08 Oct 2022 00:07

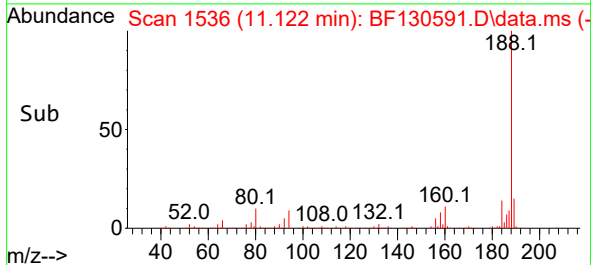
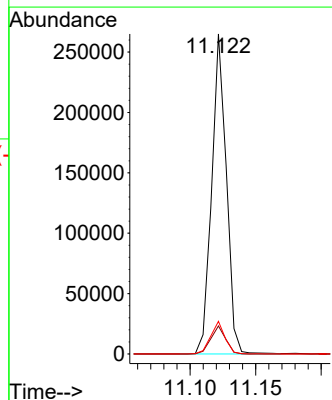
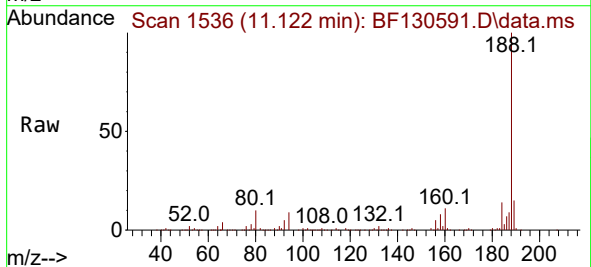
Instrument :
BNA_F
ClientSampleId :
R-8

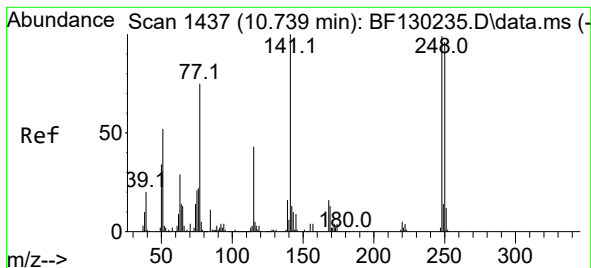
Tgt Ion:165 Resp: 15750
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 2.0 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.122 min Scan# 1536
Delta R.T. -0.012 min
Lab File: BF130591.D
Acq: 08 Oct 2022 00:07

Tgt Ion:188 Resp: 206211
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 10.2 7.9 11.9

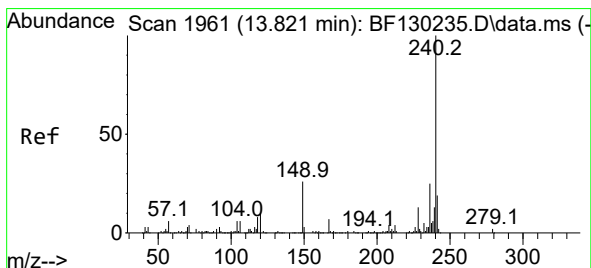
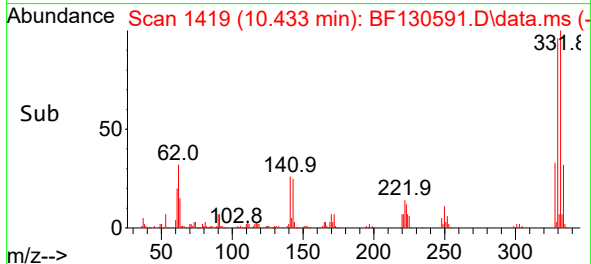
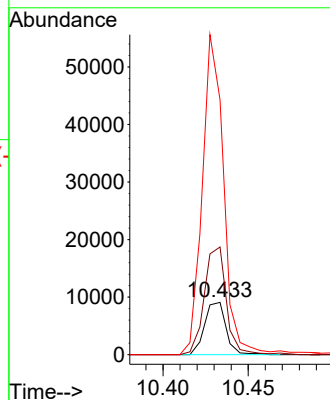
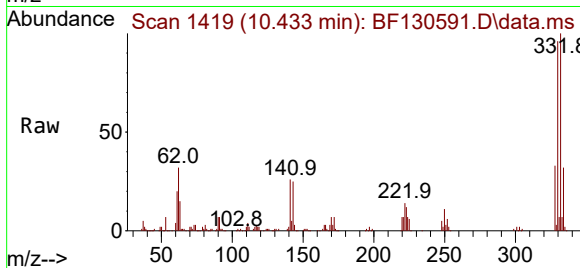




#67
4-Bromophenyl-phenylether
Concen: 3.505 ng
RT: 10.433 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130591.D
Acq: 08 Oct 2022 00:07

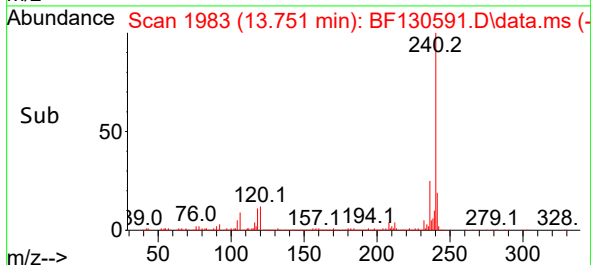
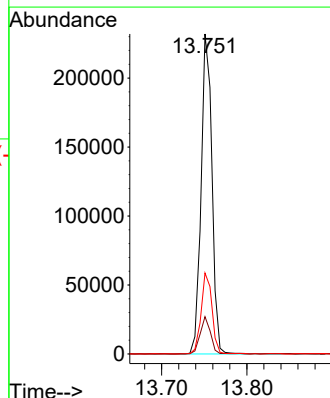
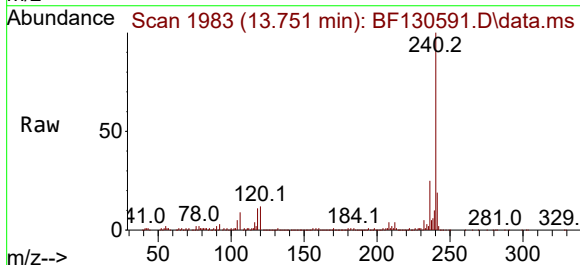
Instrument :
BNA_F
ClientSampleId :
R-8

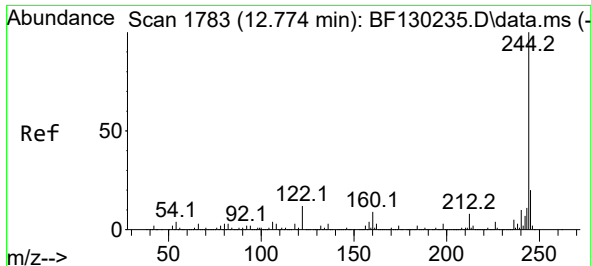
Tgt Ion:248 Resp: 7974
Ion Ratio Lower Upper
248 100
250 205.6 80.0 120.0#
141 486.4 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BF130591.D
Acq: 08 Oct 2022 00:07

Tgt Ion:240 Resp: 205561
Ion Ratio Lower Upper
240 100
120 11.6 8.7 13.1
236 25.3 20.9 31.3

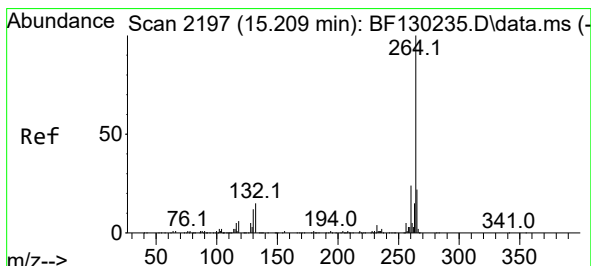
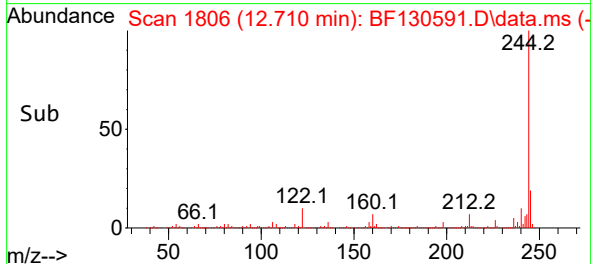
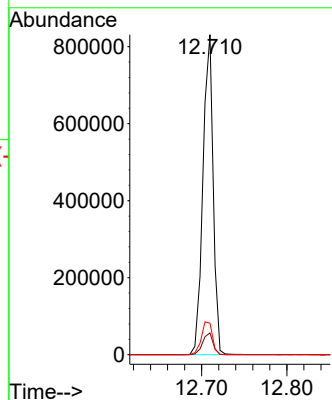
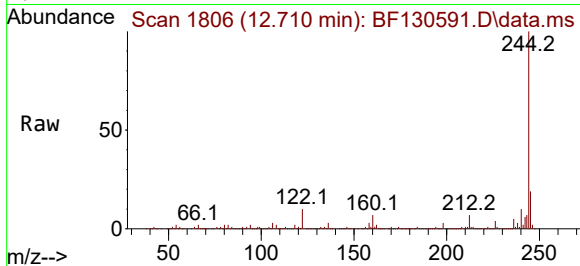




#79
 Terphenyl-d14
 Concen: 55.841 ng
 RT: 12.710 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130591.D
 Acq: 08 Oct 2022 00:07

Instrument :
 BNA_F
 ClientSampleId :
 R-8

Tgt Ion:244 Resp: 692952
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 9.9 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: BF130591.D
 Acq: 08 Oct 2022 00:07

Tgt Ion:264 Resp: 151997
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 20.5 17.0 25.4

