

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130586.D
 Acq On : 07 Oct 2022 21:24
 Operator : CG\JU
 Sample : N5046-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-6

Quant Time: Oct 10 01:46:25 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)

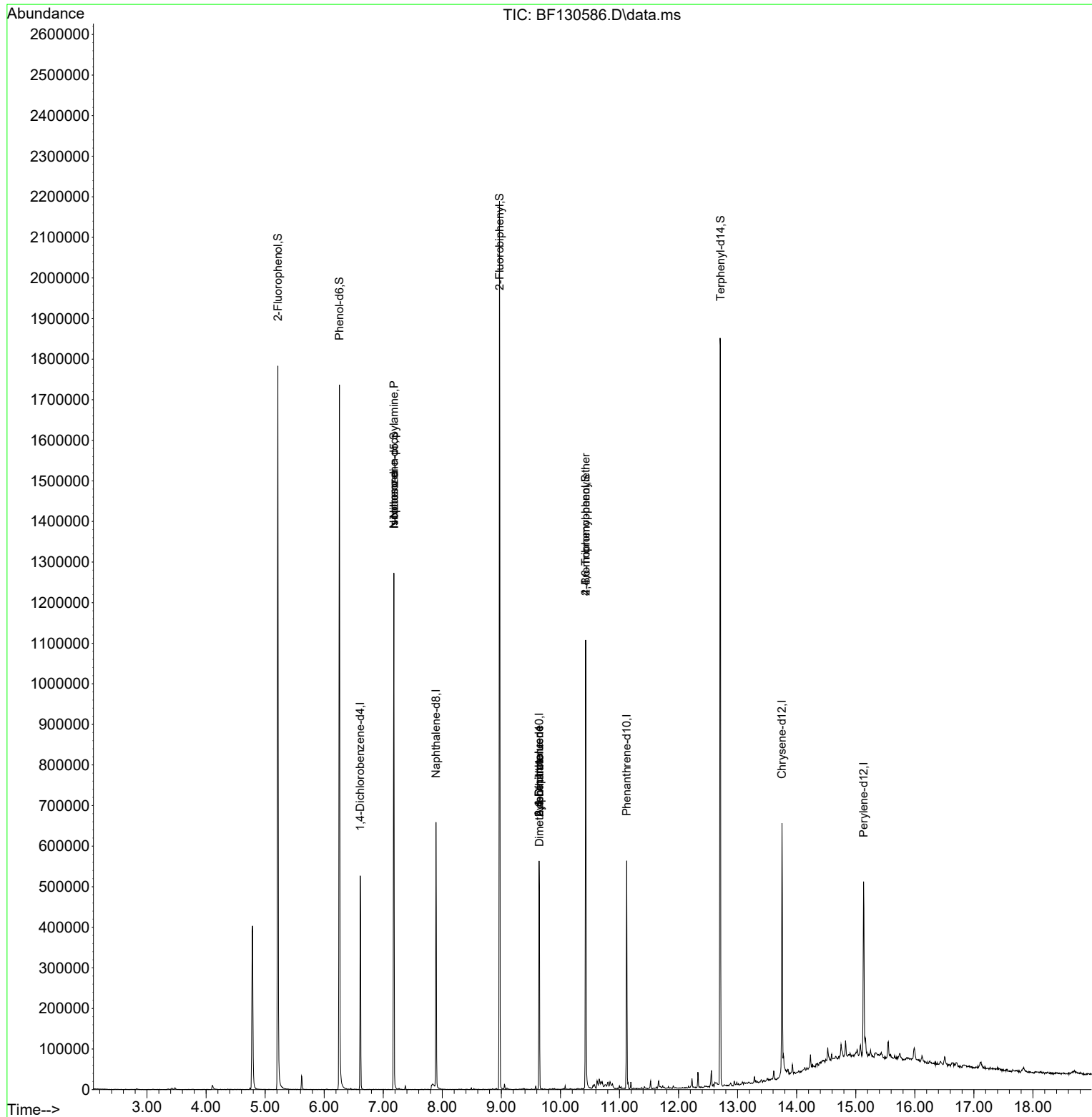
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.610	152	73079	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	256185	20.000	ng	-0.01
39) Acenaphthene-d10	9.639	164	111459	20.000	ng	-0.01
64) Phenanthrene-d10	11.121	188	176007	20.000	ng	-0.01
76) Chrysene-d12	13.751	240	179795	20.000	ng	-0.01
86) Perylene-d12	15.133	264	173637	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	480664	114.081	ng	0.00
7) Phenol-d6	6.257	99	559153	106.063	ng	-0.01
23) Nitrobenzene-d5	7.181	82	353531	70.501	ng	-0.01
42) 2,4,6-Tribromophenol	10.427	330	122184	114.406	ng	-0.01
45) 2-Fluorobiphenyl	8.969	172	604443	78.969	ng	-0.01
79) Terphenyl-d14	12.710	244	634608	58.468	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.181	70	47254	13.283	ng	# 72
25) Isophorone	7.181	82	353525	43.741	ng	# 66
50) Dimethylphthalate	9.645	163	20807	2.703	ng	# 1
51) 2,6-Dinitrotoluene	9.639	165	14499	9.005	ng	# 16
57) 2,4-Dinitrotoluene	9.639	165	14499	7.046	ng	# 16
67) 4-Bromophenyl-phenylether	10.427	248	7199	3.708	ng	# 1

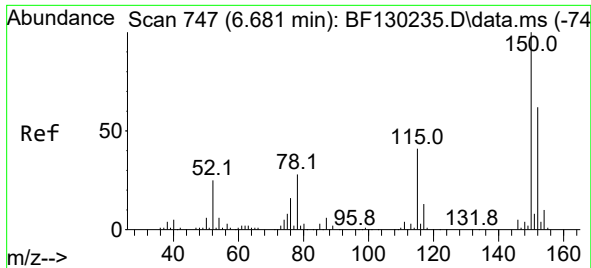
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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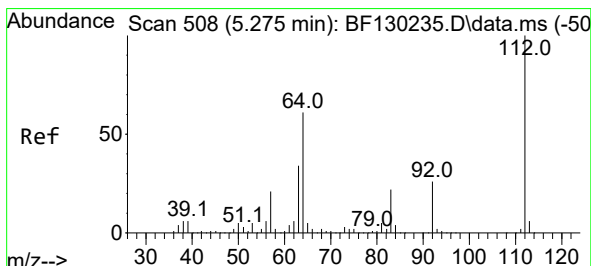
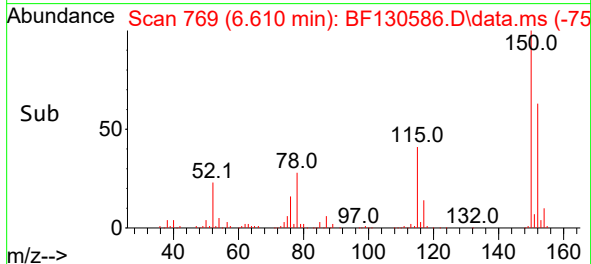
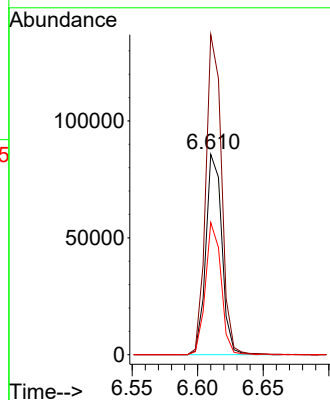
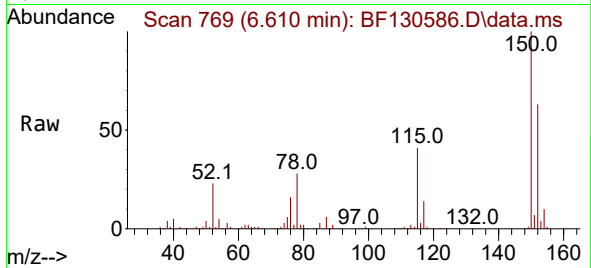




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.610 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BF130586.D
 Acq: 07 Oct 2022 21:24

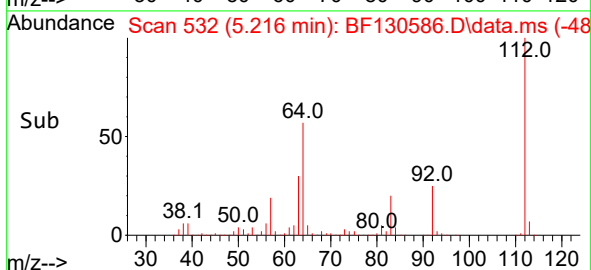
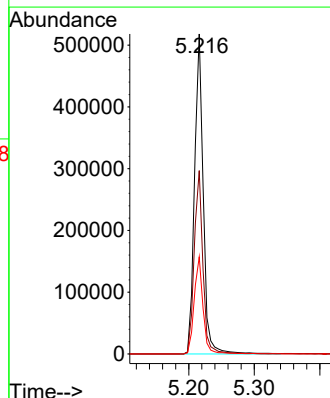
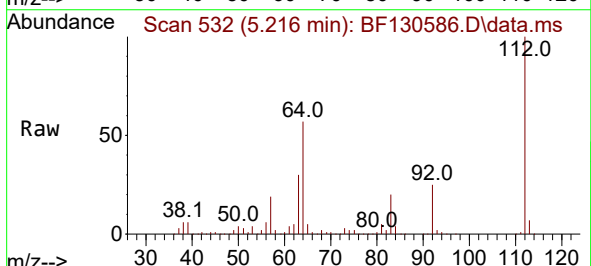
Instrument :
 BNA_F
 ClientSampleId :
 R-6

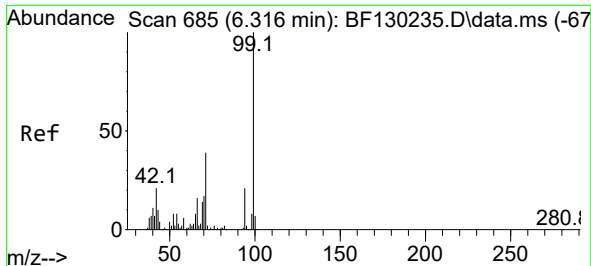
Tgt Ion:152 Resp: 73079
 Ion Ratio Lower Upper
 152 100
 150 159.7 122.8 184.2
 115 65.9 53.8 80.8



#5
 2-Fluorophenol
 Concen: 114.081 ng
 RT: 5.216 min Scan# 532
 Delta R.T. -0.000 min
 Lab File: BF130586.D
 Acq: 07 Oct 2022 21:24

Tgt Ion:112 Resp: 480664
 Ion Ratio Lower Upper
 112 100
 64 57.3 51.4 77.0
 63 30.4 28.8 43.2

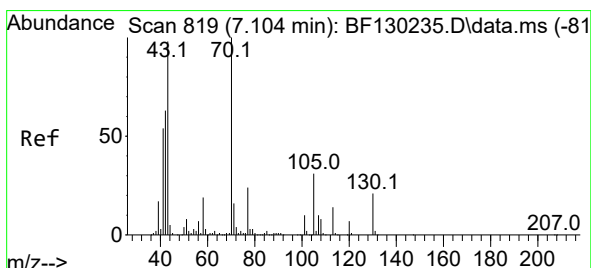
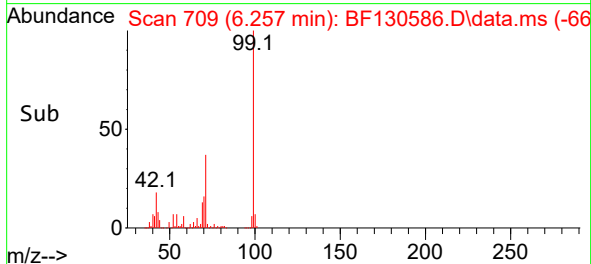
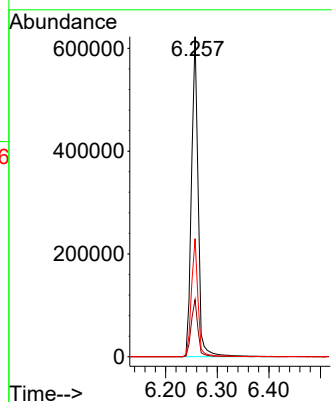
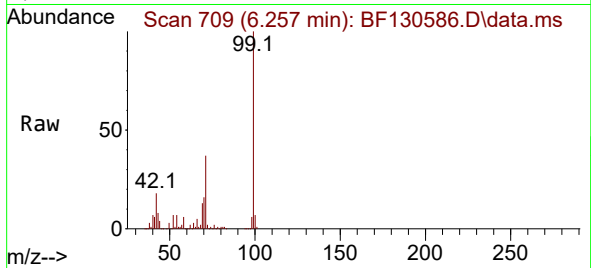




#7
Phenol-d6
Concen: 106.063 ng
RT: 6.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF130586.D
Acq: 07 Oct 2022 21:24

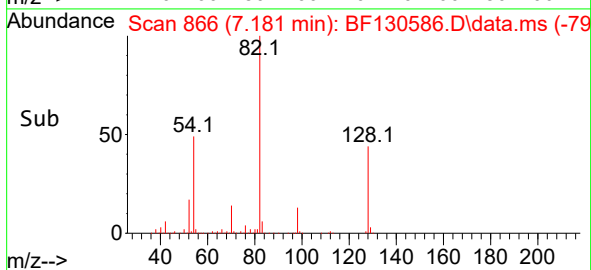
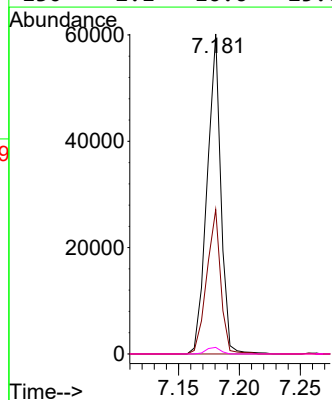
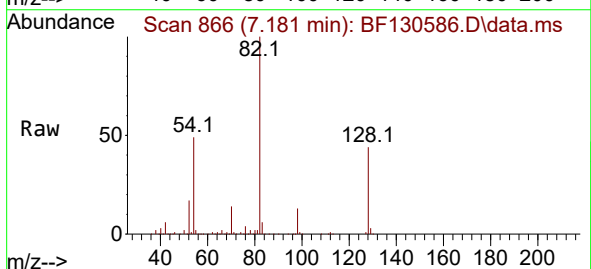
Instrument :
BNA_F
ClientSampleId :
R-6

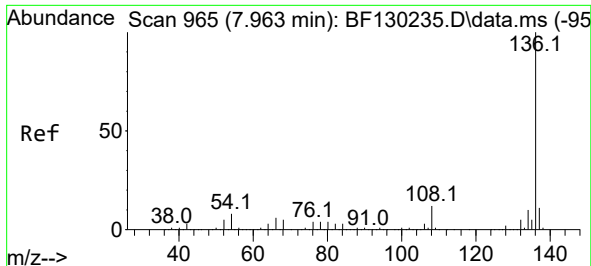
Tgt Ion: 99 Resp: 559153
Ion Ratio Lower Upper
99 100
42 17.9 17.0 25.6
71 36.9 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.283 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.135 min
Lab File: BF130586.D
Acq: 07 Oct 2022 21:24

Tgt Ion: 70 Resp: 47254
Ion Ratio Lower Upper
70 100
42 45.1 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#

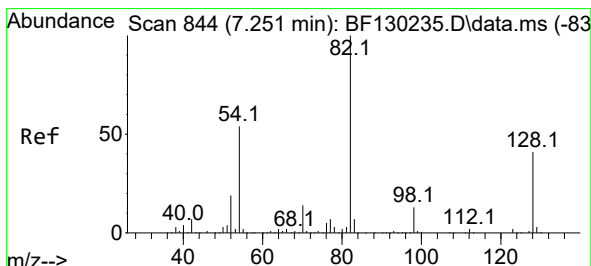
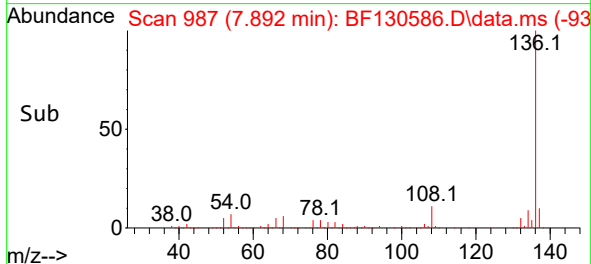
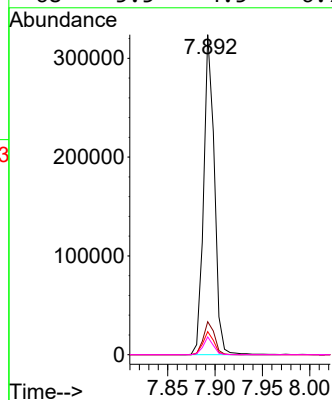
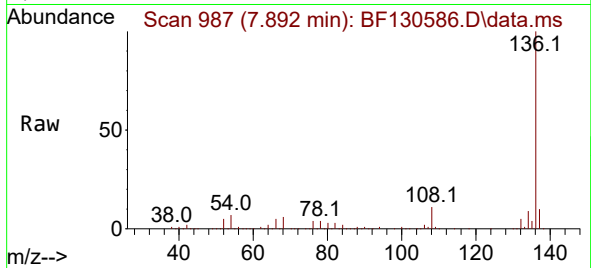




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.892 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130586.D
Acq: 07 Oct 2022 21:24

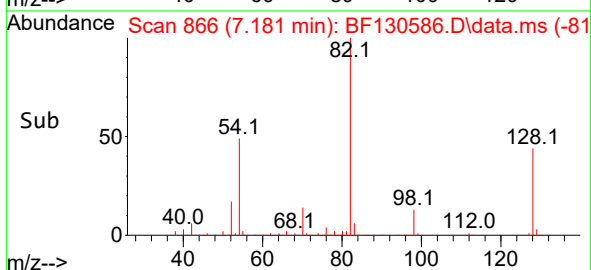
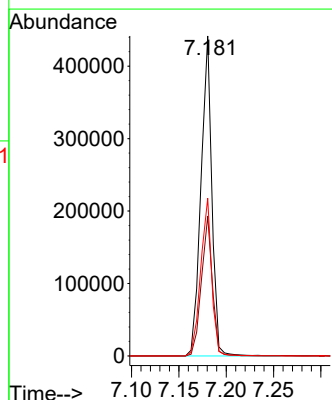
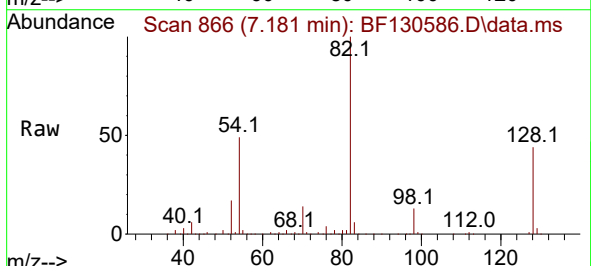
Instrument :
BNA_F
ClientSampleId :
R-6

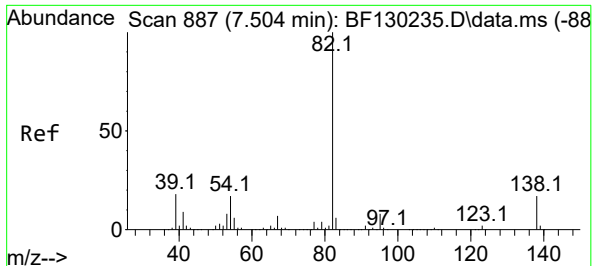
Tgt Ion:136 Resp: 256185
Ion Ratio Lower Upper
136 100
137 10.3 9.1 13.7
54 7.2 7.1 10.7
68 5.5 4.5 6.7



#23
Nitrobenzene-d5
Concen: 70.501 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF130586.D
Acq: 07 Oct 2022 21:24

Tgt Ion: 82 Resp: 353531
Ion Ratio Lower Upper
82 100
128 43.7 32.6 49.0
54 49.3 43.8 65.6

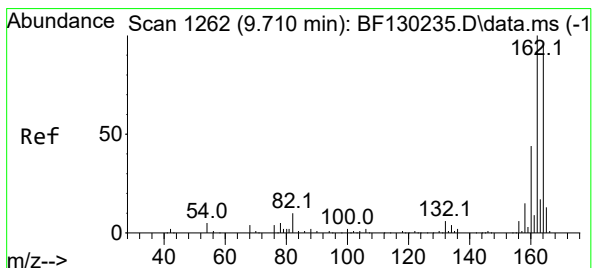
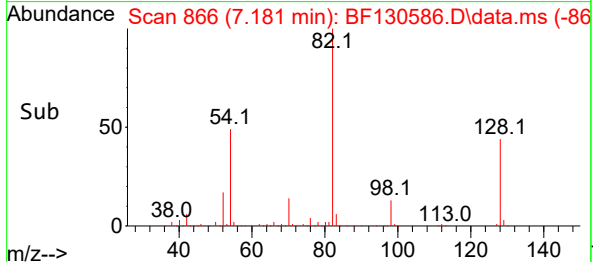
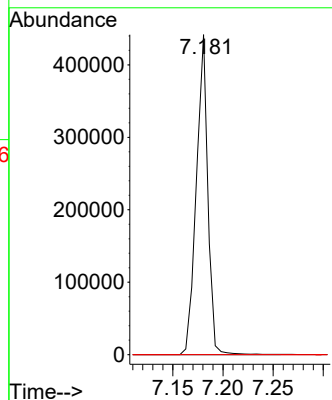
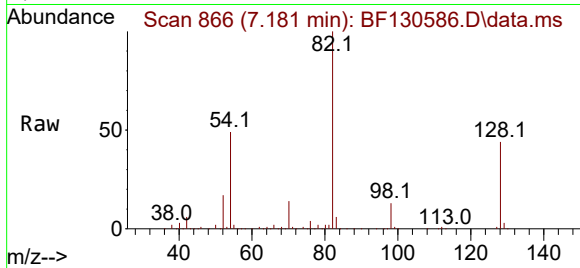




#25
Isophorone
Concen: 43.741 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF130586.D
Acq: 07 Oct 2022 21:24

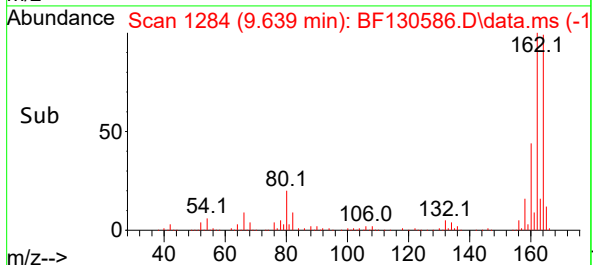
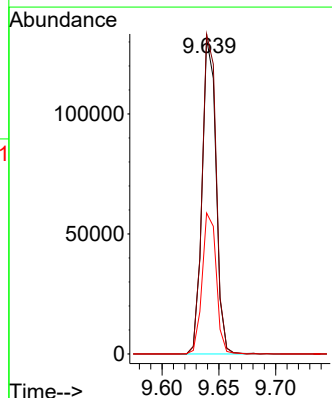
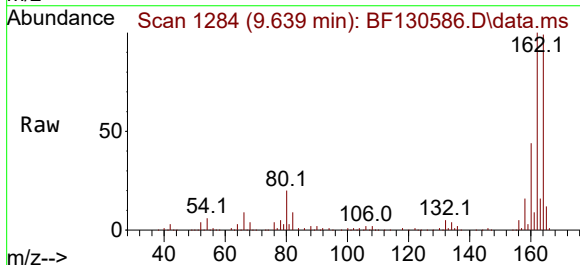
Instrument :
BNA_F
ClientSampleId :
R-6

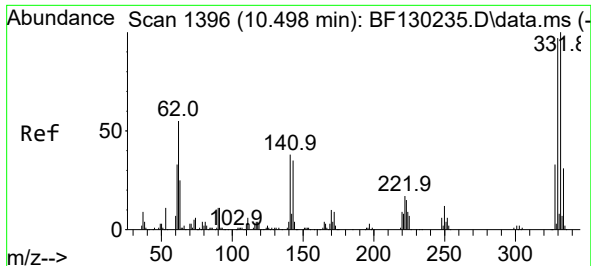
Tgt Ion: 82 Resp: 353525
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BF130586.D
Acq: 07 Oct 2022 21:24

Tgt Ion: 164 Resp: 111459
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 44.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 114.406 ng

RT: 10.427 min Scan# 1418

Delta R.T. -0.012 min

Lab File: BF130586.D

Acq: 07 Oct 2022 21:24

Instrument :

BNA_F

ClientSampleId :

R-6

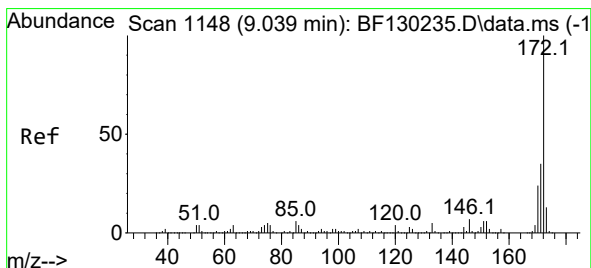
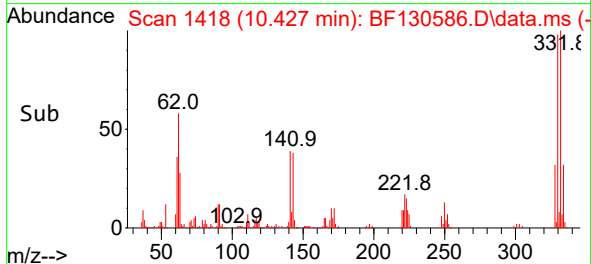
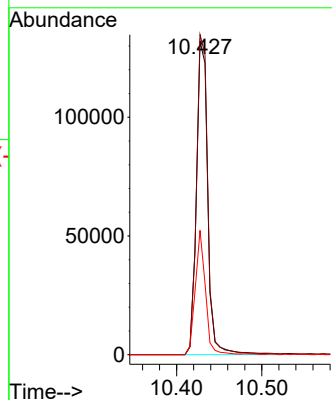
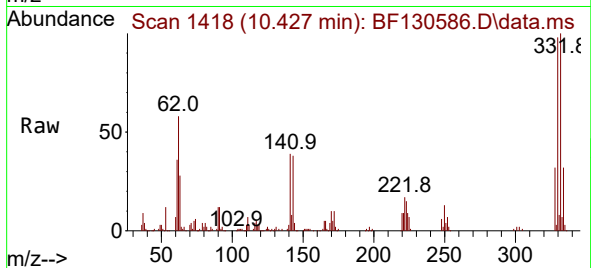
Tgt Ion:330 Resp: 122184

Ion Ratio Lower Upper

330 100

332 101.6 83.4 125.2

141 35.3 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 78.969 ng

RT: 8.969 min Scan# 1170

Delta R.T. -0.012 min

Lab File: BF130586.D

Acq: 07 Oct 2022 21:24

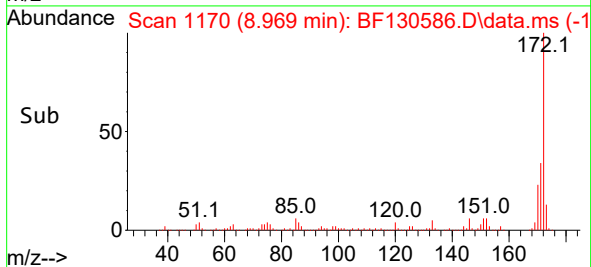
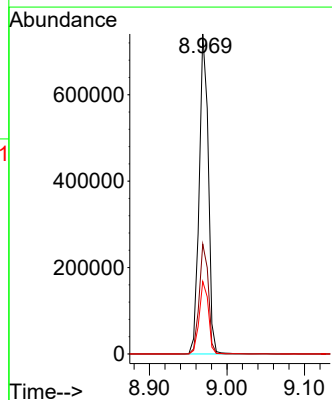
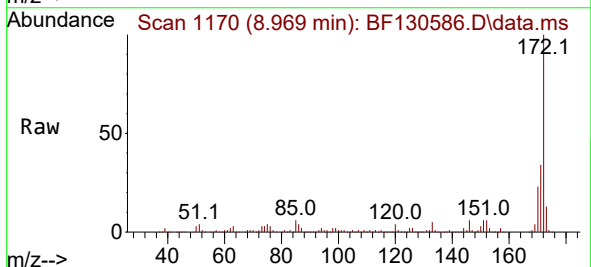
Tgt Ion:172 Resp: 604443

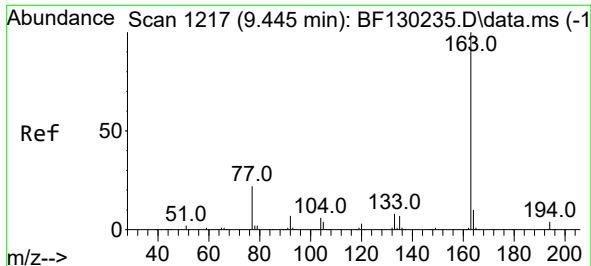
Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 22.6 18.7 28.1

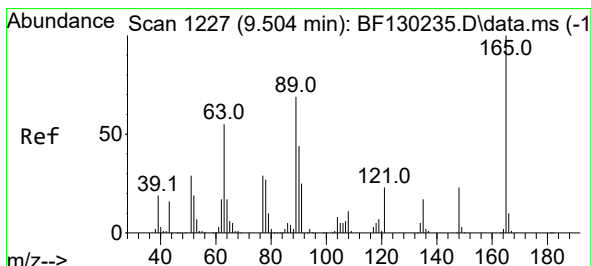
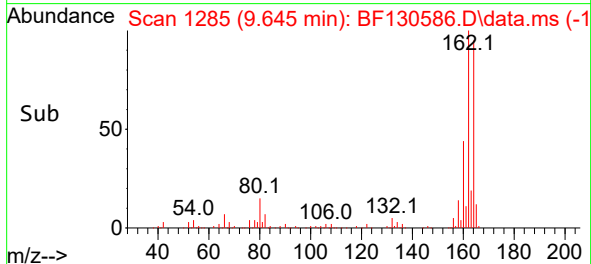
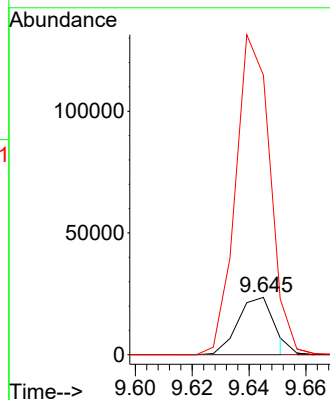
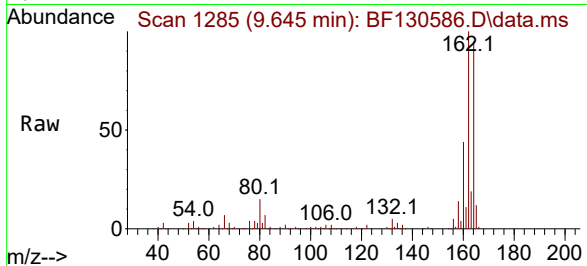




#50
Dimethylphthalate
Concen: 2.703 ng
RT: 9.645 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF130586.D
Acq: 07 Oct 2022 21:24

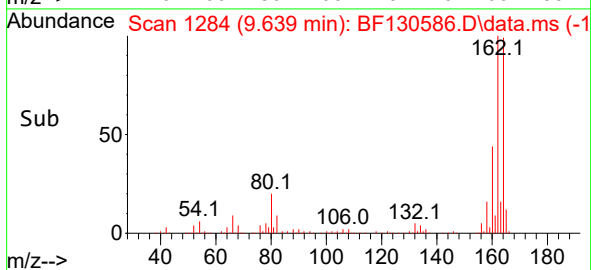
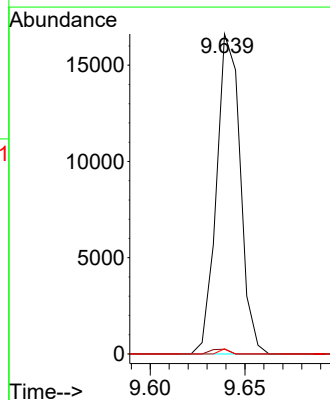
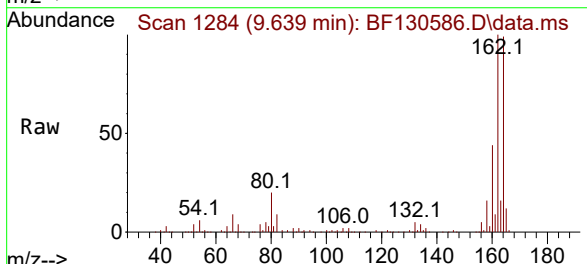
Instrument :
BNA_F
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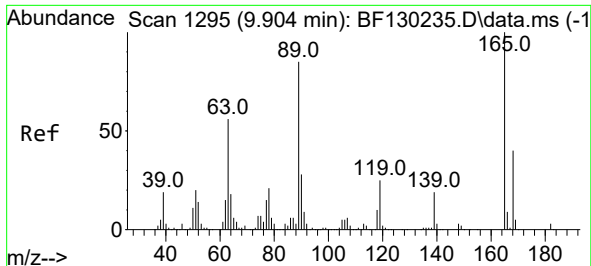
Tgt Ion:163 Resp: 20807
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 487.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.005 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.188 min
Lab File: BF130586.D
Acq: 07 Oct 2022 21:24

Tgt Ion:165 Resp: 14499
Ion Ratio Lower Upper
165 100
63 1.5 58.8 88.2#
89 1.6 54.5 81.7#

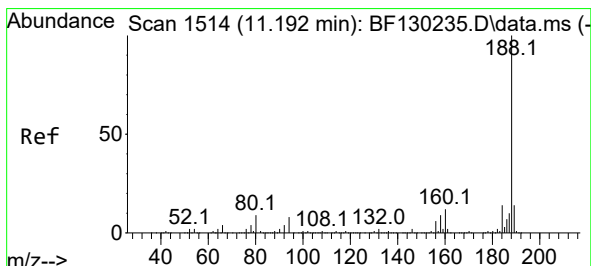
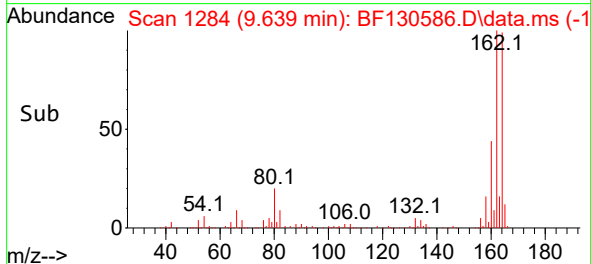
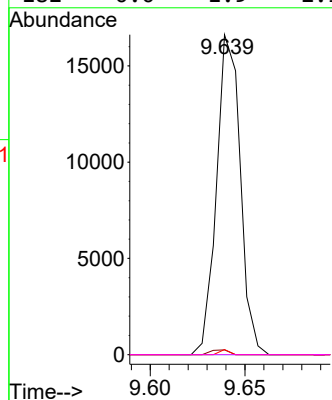
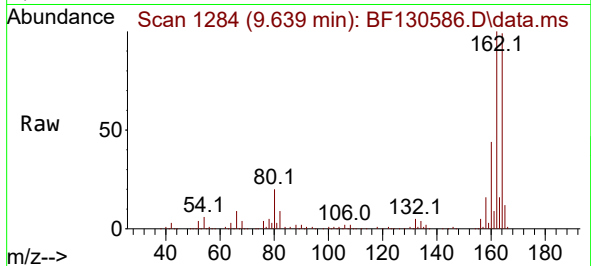




#57
2,4-Dinitrotoluene
Concen: 7.046 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130586.D
Acq: 07 Oct 2022 21:24

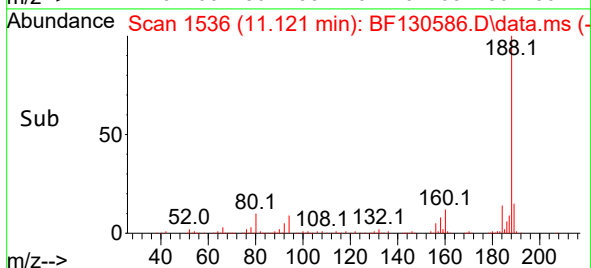
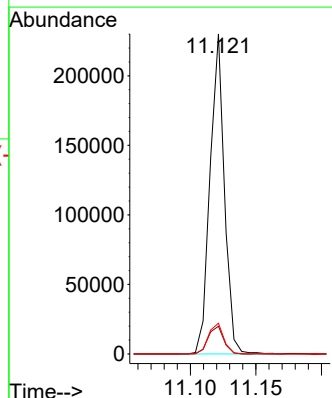
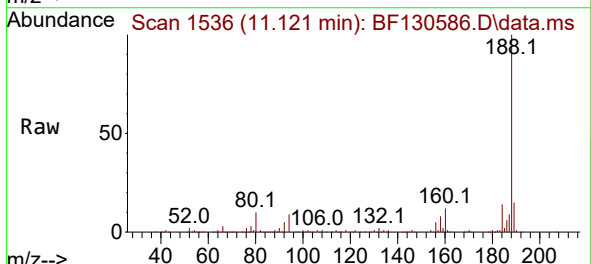
Instrument :
BNA_F
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R-6

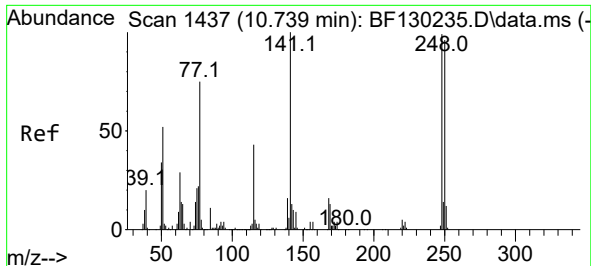
Tgt Ion:165	Resp:	14499
Ion Ratio	Lower	Upper
165	100	
63	1.5	44.7 67.1#
89	1.6	69.0 103.4#
182	0.0	1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.121 min Scan# 1536
Delta R.T. -0.012 min
Lab File: BF130586.D
Acq: 07 Oct 2022 21:24

Tgt Ion:188	Resp:	176007
Ion Ratio	Lower	Upper
188	100	
94	8.7	7.4 11.2
80	9.6	7.9 11.9

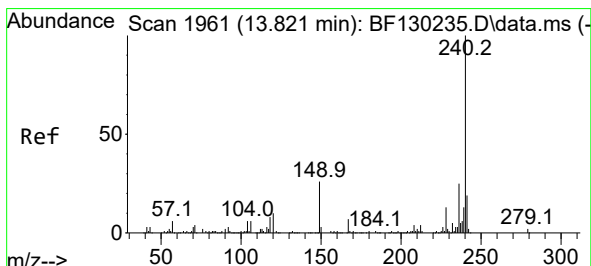
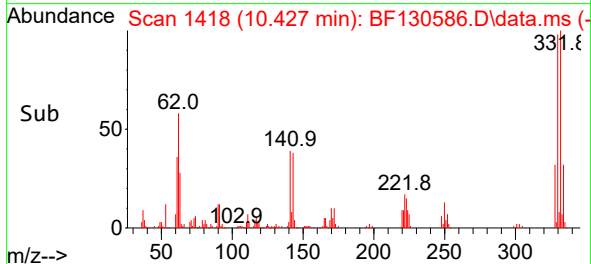
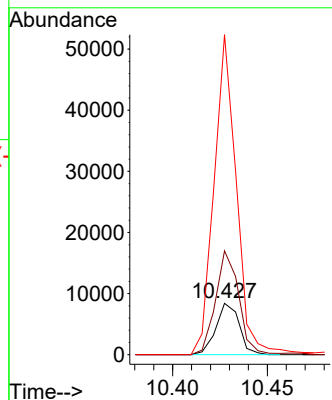
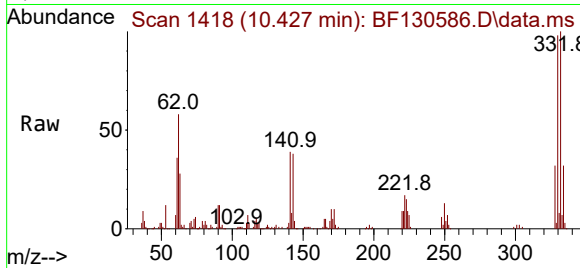




#67
4-Bromophenyl-phenylether
Concen: 3.708 ng
RT: 10.427 min Scan# 1437
Delta R.T. -0.253 min
Lab File: BF130586.D
Acq: 07 Oct 2022 21:24

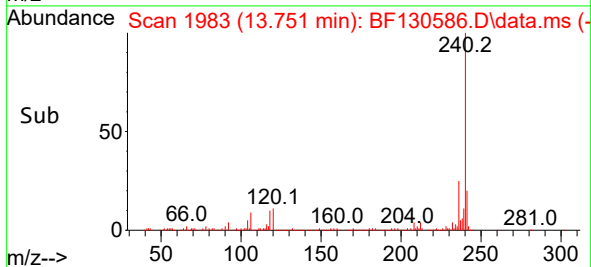
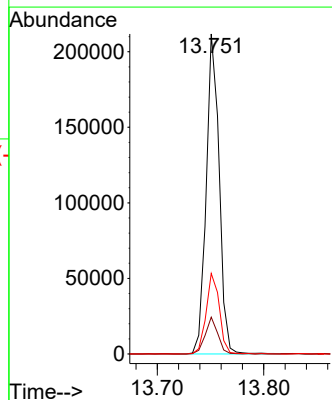
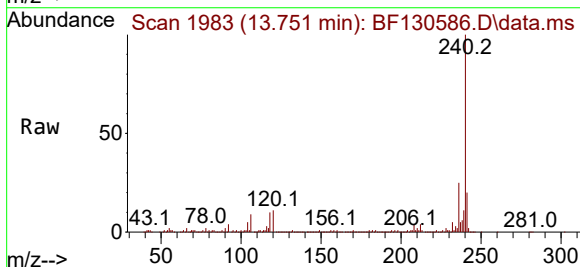
Instrument :
BNA_F
ClientSampleId :
R-6

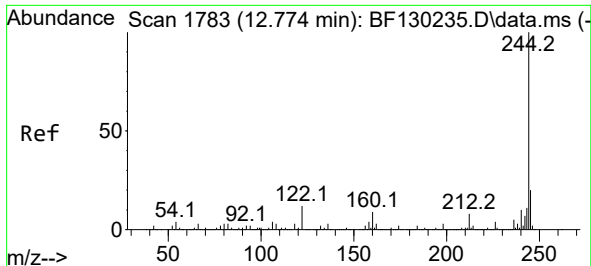
Tgt Ion:248 Resp: 7199
Ion Ratio Lower Upper
248 100
250 202.2 80.0 120.0#
141 622.8 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BF130586.D
Acq: 07 Oct 2022 21:24

Tgt Ion:240 Resp: 179795
Ion Ratio Lower Upper
240 100
120 11.5 8.7 13.1
236 25.2 20.9 31.3

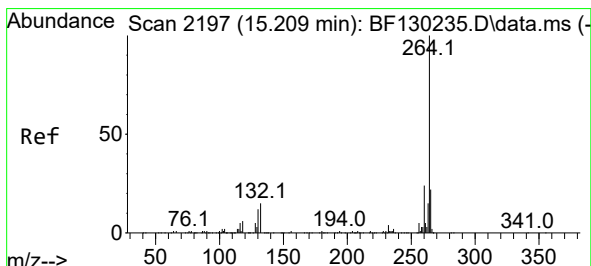
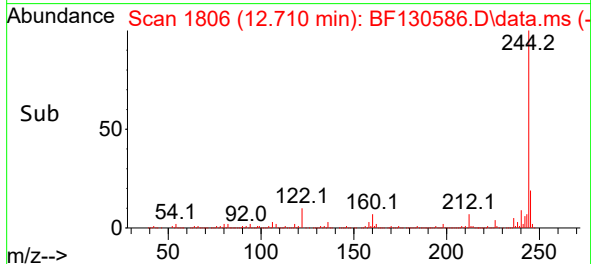
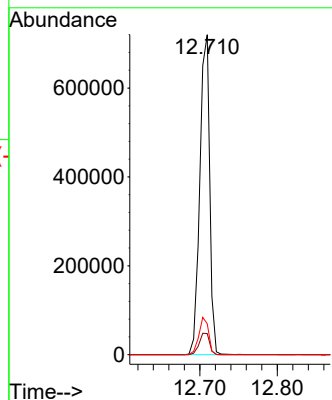
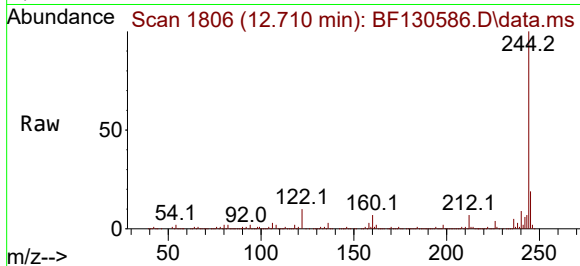




#79
 Terphenyl-d14
 Concen: 58.468 ng
 RT: 12.710 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130586.D
 Acq: 07 Oct 2022 21:24

Instrument :
 BNA_F
 ClientSampleId :
 R-6

Tgt Ion:244 Resp: 634608
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 9.7 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: BF130586.D
 Acq: 07 Oct 2022 21:24

Tgt Ion:264 Resp: 173637
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 21.3 17.0 25.4

