

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130579.D
 Acq On : 07 Oct 2022 17:23
 Operator : CG\JU
 Sample : N5046-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-5

Quant Time: Oct 10 01:44:10 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)

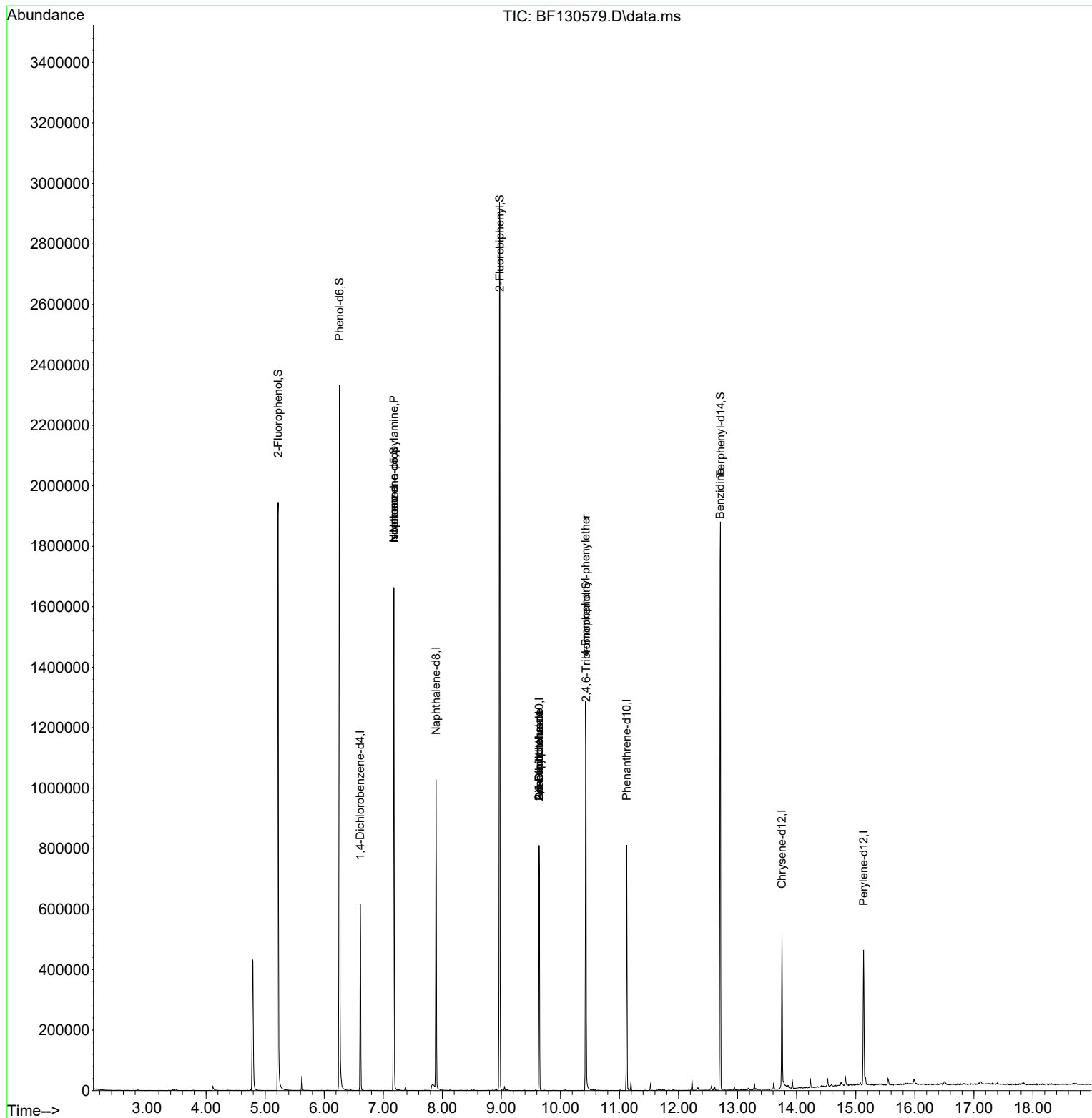
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.610	152	84929	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	416179	20.000	ng	-0.01
39) Acenaphthene-d10	9.639	164	161566	20.000	ng	-0.01
64) Phenanthrene-d10	11.121	188	252608	20.000	ng	-0.01
76) Chrysene-d12	13.751	240	151658	20.000	ng	-0.01
86) Perylene-d12	15.133	264	175999	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	582650	118.992	ng	0.00
7) Phenol-d6	6.257	99	857631	139.982	ng	-0.01
23) Nitrobenzene-d5	7.181	82	503206	61.772	ng	-0.01
42) 2,4,6-Tribromophenol	10.433	330	153369	99.069	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	922504	83.145	ng	0.00
79) Terphenyl-d14	12.710	244	636740	69.548	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.181	70	66104	15.990	ng	# 73
25) Isophorone	7.181	82	503201	38.325	ng	# 66
50) Dimethylphthalate	9.639	163	29635	2.655	ng	# 1
51) 2,6-Dinitrotoluene	9.639	165	20300	8.697	ng	# 16
57) 2,4-Dinitrotoluene	9.639	165	20300	6.805	ng	# 16
67) 4-Bromophenyl-phenylether	10.427	248	9330	3.348	ng	# 1
77) Benzidine	12.704	184	9181	2.085	ng	# 92

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

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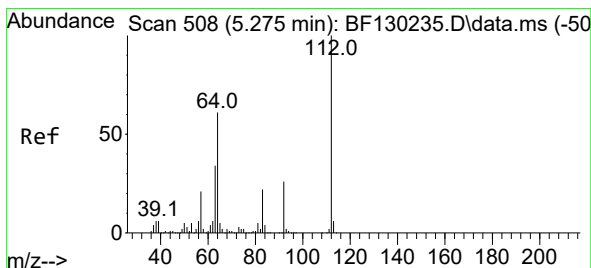
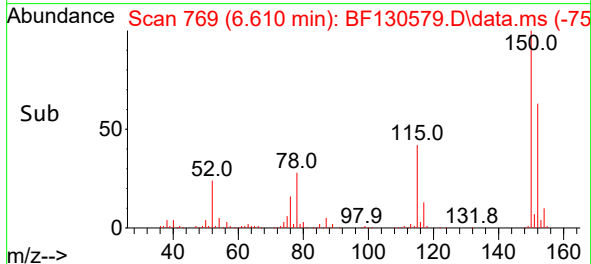
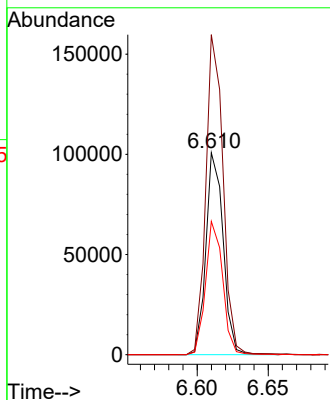
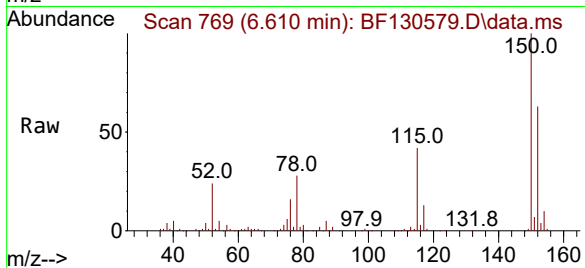




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.610 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BF130579.D
 Acq: 07 Oct 2022 17:23

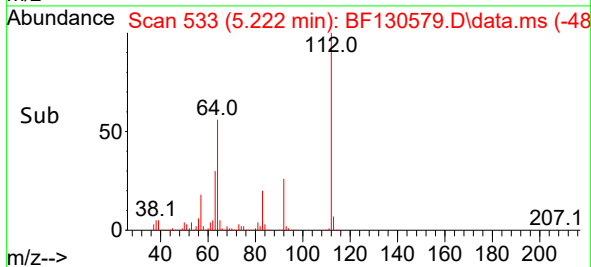
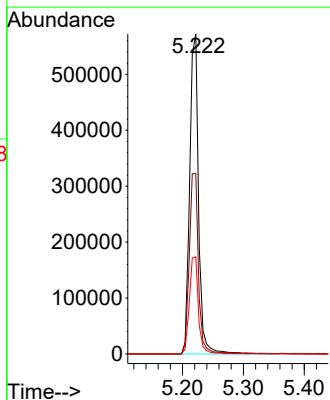
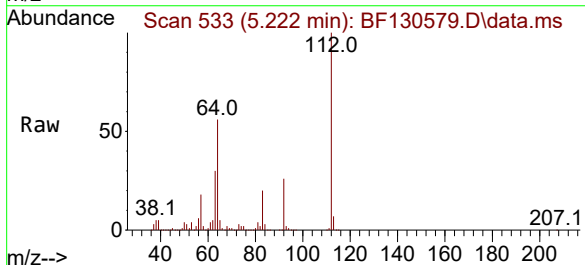
Instrument :
 BNA_F
 ClientSampleId :
 R-5

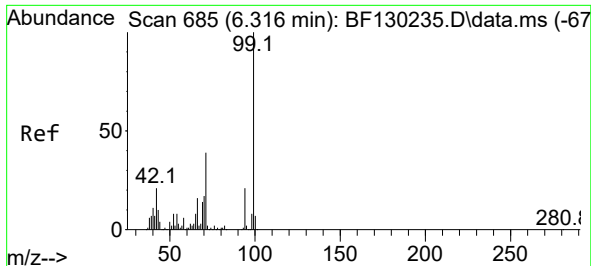
Tgt Ion:152 Resp: 84929
 Ion Ratio Lower Upper
 152 100
 150 158.4 122.8 184.2
 115 66.0 53.8 80.8



#5
 2-Fluorophenol
 Concen: 118.992 ng
 RT: 5.222 min Scan# 533
 Delta R.T. 0.006 min
 Lab File: BF130579.D
 Acq: 07 Oct 2022 17:23

Tgt Ion:112 Resp: 582650
 Ion Ratio Lower Upper
 112 100
 64 56.4 51.4 77.0
 63 30.3 28.8 43.2

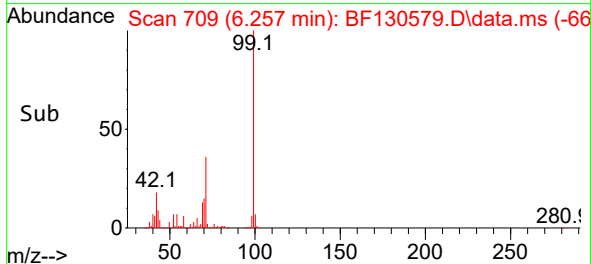
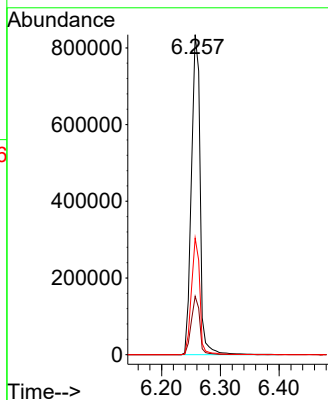
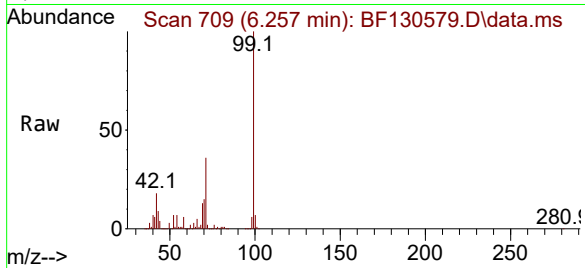




#7
Phenol-d6
Concen: 139.982 ng
RT: 6.257 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF130579.D
Acq: 07 Oct 2022 17:23

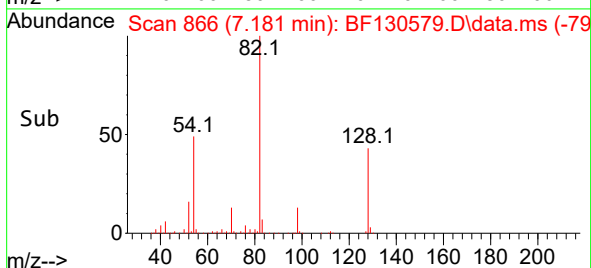
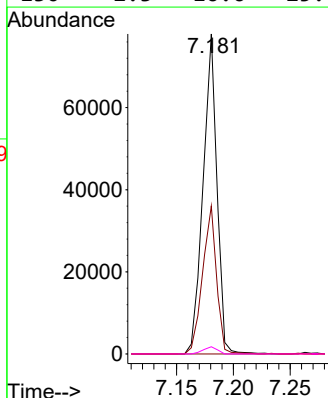
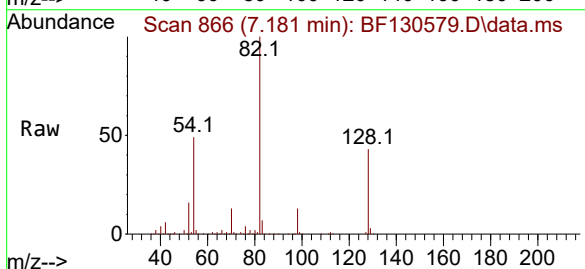
Instrument :
BNA_F
ClientSampleId :
R-5

Tgt Ion: 99 Resp: 857631
Ion Ratio Lower Upper
99 100
42 18.2 17.0 25.6
71 36.4 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.990 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.135 min
Lab File: BF130579.D
Acq: 07 Oct 2022 17:23

Tgt Ion: 70 Resp: 66104
Ion Ratio Lower Upper
70 100
42 46.3 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#

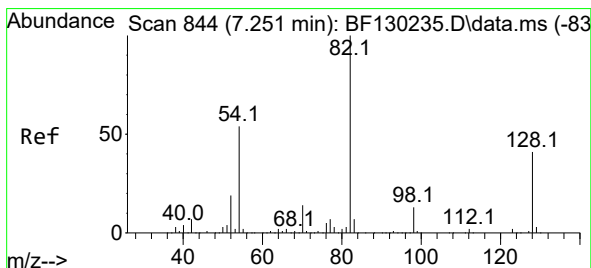
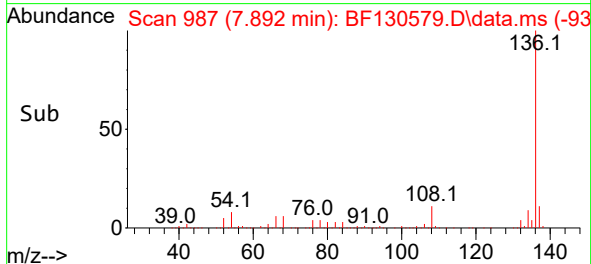
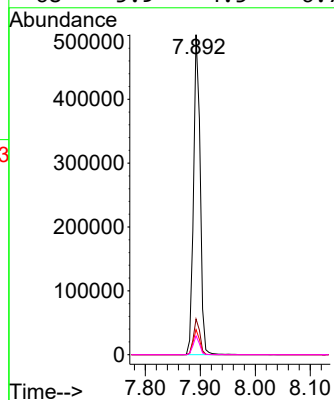
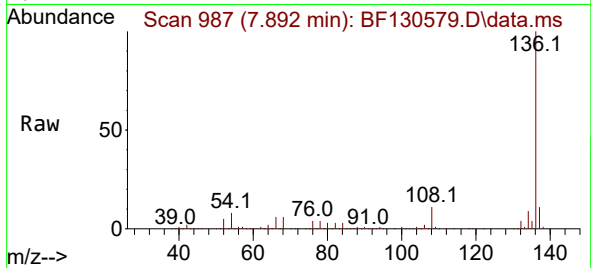




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.892 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130579.D
Acq: 07 Oct 2022 17:23

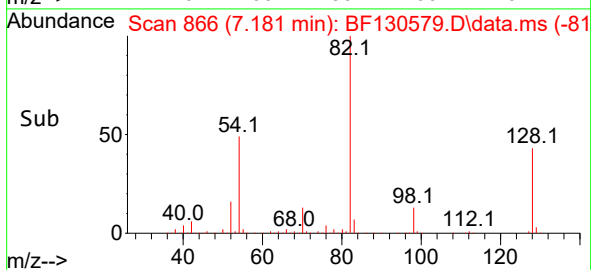
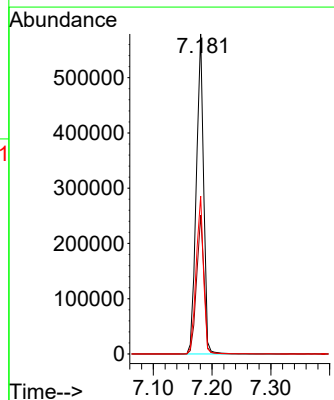
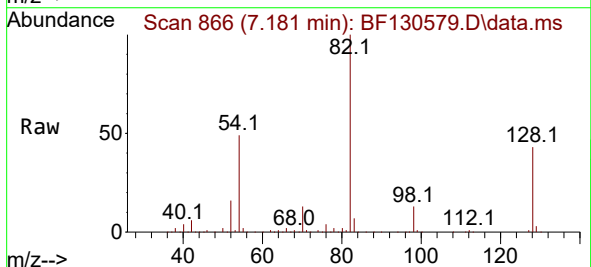
Instrument :
BNA_F
ClientSampleId :
R-5

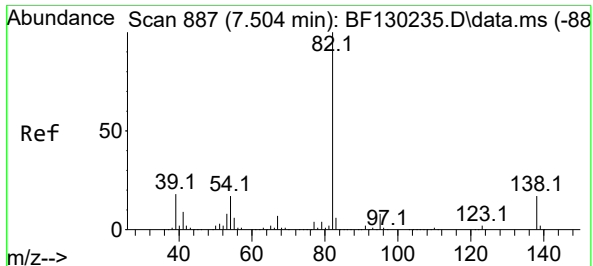
Tgt Ion:136 Resp: 416179
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.9 7.1 10.7
68 5.9 4.5 6.7



#23
Nitrobenzene-d5
Concen: 61.772 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF130579.D
Acq: 07 Oct 2022 17:23

Tgt Ion: 82 Resp: 503206
Ion Ratio Lower Upper
82 100
128 43.4 32.6 49.0
54 49.3 43.8 65.6

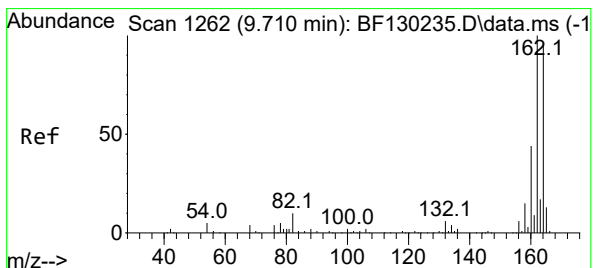
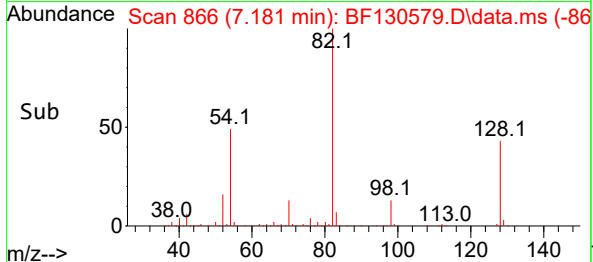
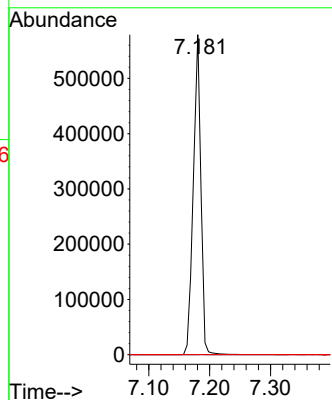
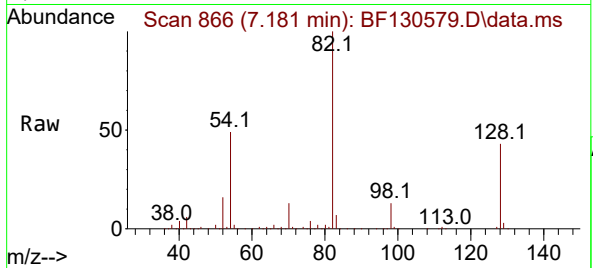




#25
Isophorone
Concen: 38.325 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF130579.D
Acq: 07 Oct 2022 17:23

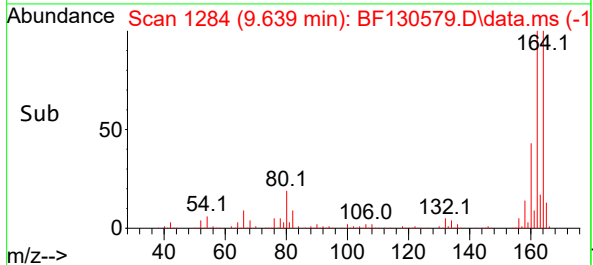
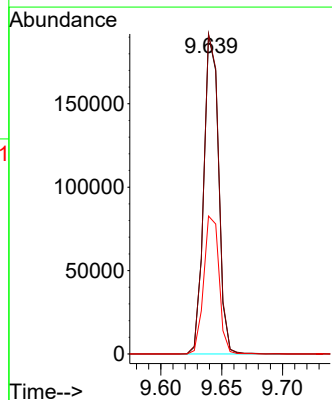
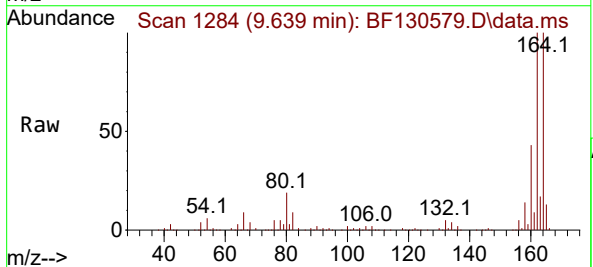
Instrument :
BNA_F
ClientSampleId :
R-5

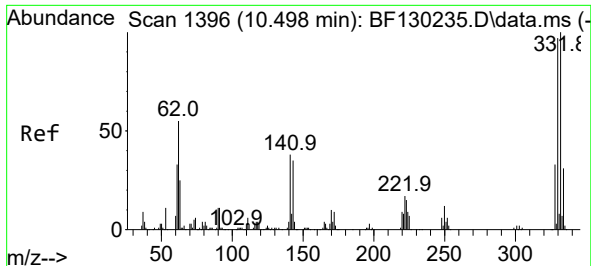
Tgt Ion: 82 Resp: 503201
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BF130579.D
Acq: 07 Oct 2022 17:23

Tgt Ion: 164 Resp: 161566
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 43.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 99.069 ng

RT: 10.433 min Scan# 1419

Delta R.T. -0.006 min

Lab File: BF130579.D

Acq: 07 Oct 2022 17:23

Instrument :

BNA_F

ClientSampleId :

R-5

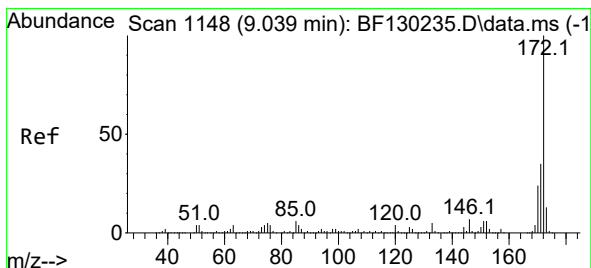
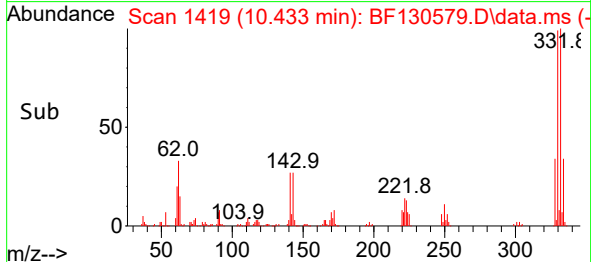
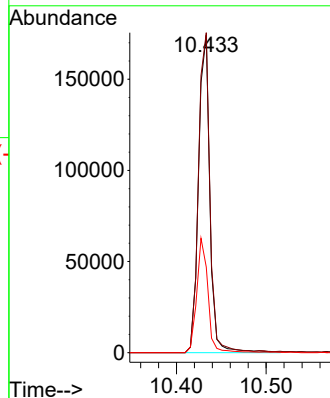
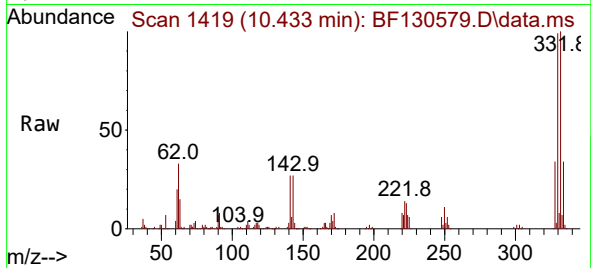
Tgt Ion:330 Resp: 153369

Ion Ratio Lower Upper

330 100

332 101.5 83.4 125.2

141 35.8 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 83.145 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF130579.D

Acq: 07 Oct 2022 17:23

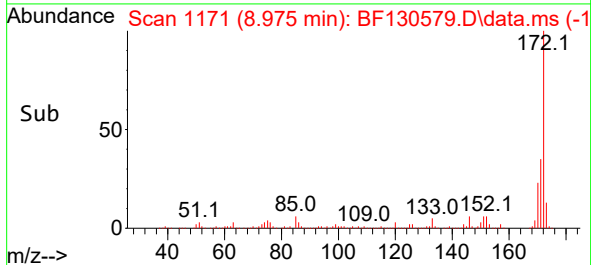
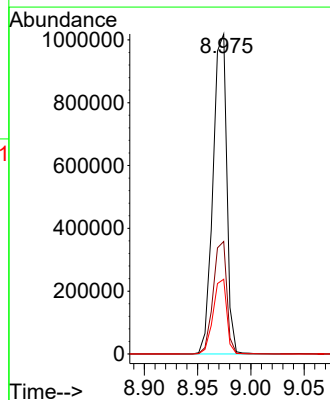
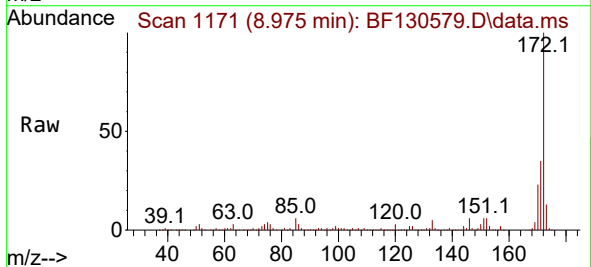
Tgt Ion:172 Resp: 922504

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.3 18.7 28.1

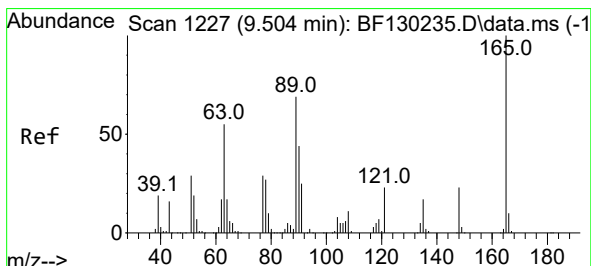
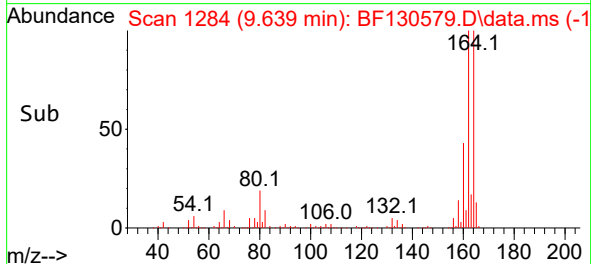
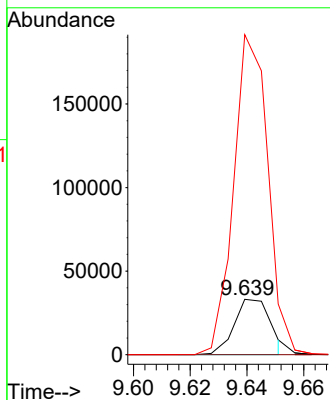
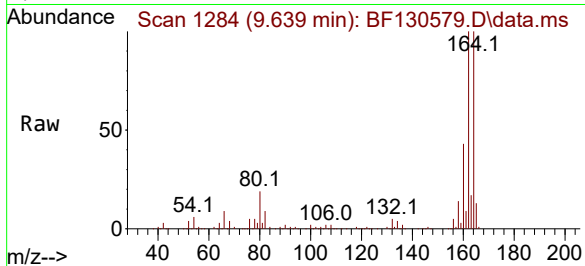




#50
Dimethylphthalate
Concen: 2.655 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.253 min
Lab File: BF130579.D
Acq: 07 Oct 2022 17:23

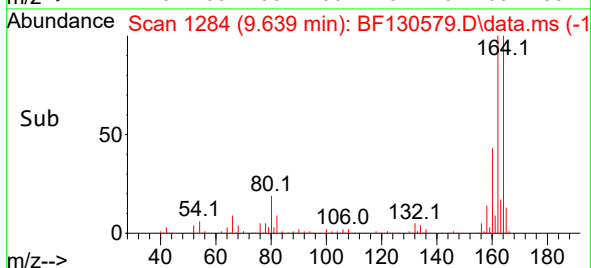
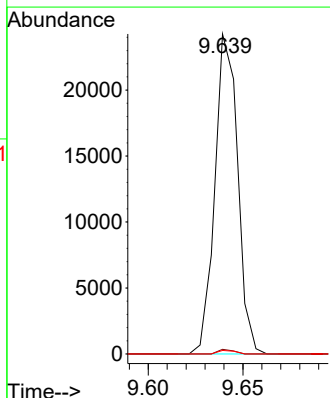
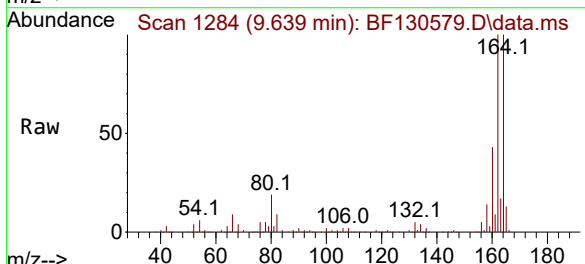
Instrument :
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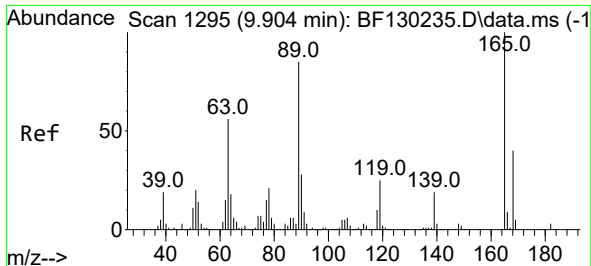
Tgt Ion:163 Resp: 29635
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 578.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.697 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.188 min
Lab File: BF130579.D
Acq: 07 Oct 2022 17:23

Tgt Ion:165 Resp: 20300
Ion Ratio Lower Upper
165 100
63 1.4 58.8 88.2#
89 1.1 54.5 81.7#

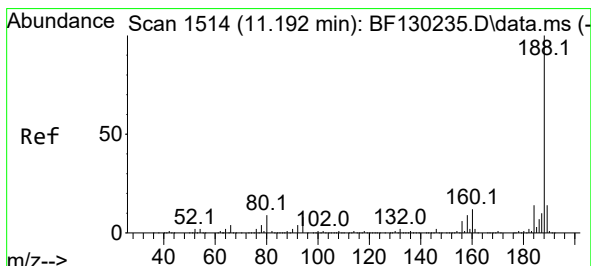
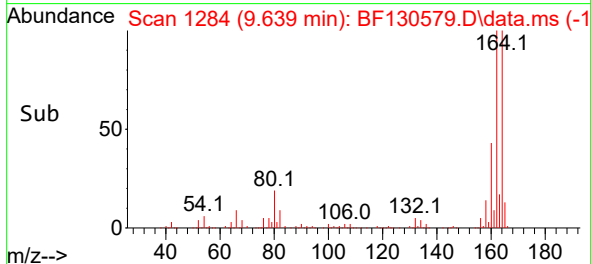
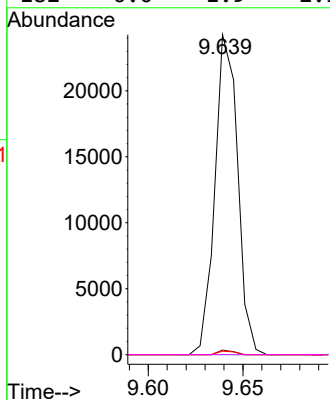
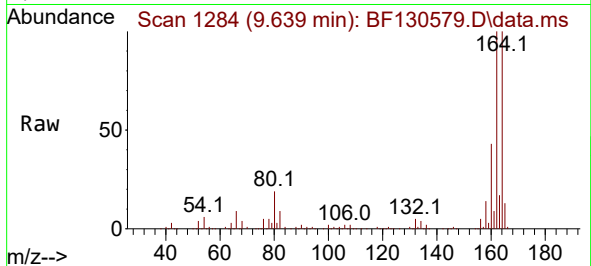




#57
2,4-Dinitrotoluene
Concen: 6.805 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130579.D
Acq: 07 Oct 2022 17:23

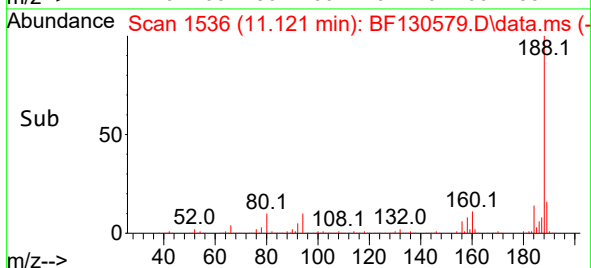
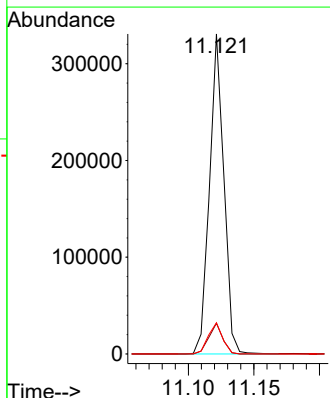
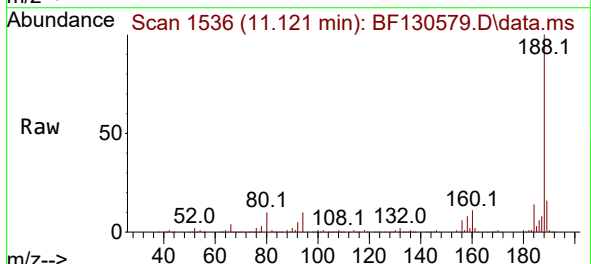
Instrument :
BNA_F
ClientSampleId :
R-5

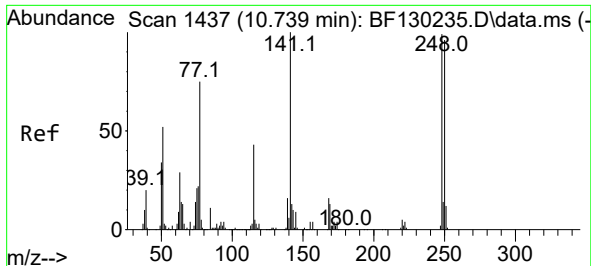
Tgt Ion:165	Resp:	20300
Ion Ratio	Lower	Upper
165	100	
63	1.4	44.7 67.1#
89	1.1	69.0 103.4#
182	0.0	1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.121 min Scan# 1536
Delta R.T. -0.012 min
Lab File: BF130579.D
Acq: 07 Oct 2022 17:23

Tgt Ion:188	Resp:	252608
Ion Ratio	Lower	Upper
188	100	
94	9.6	7.4 11.2
80	9.7	7.9 11.9

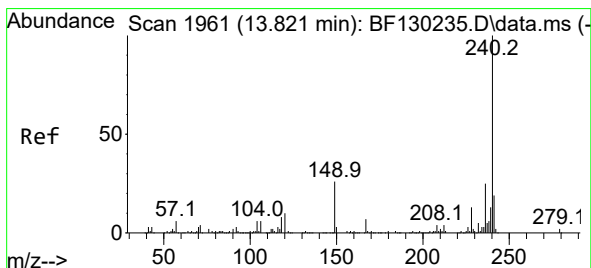
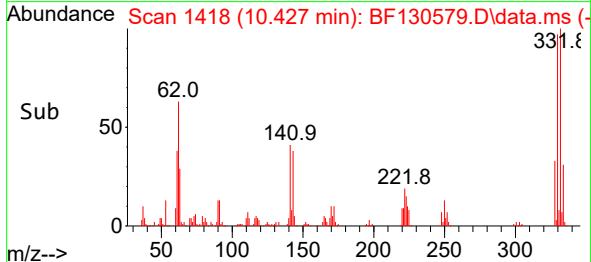
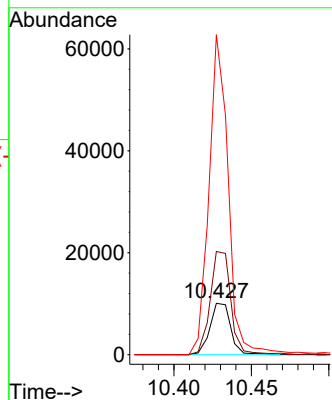
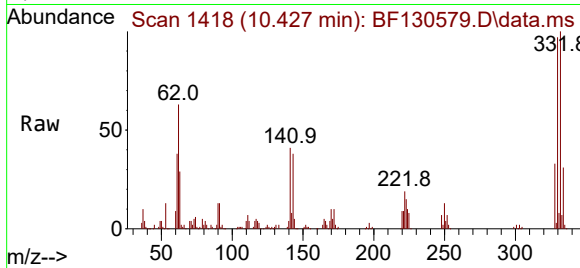




#67
4-Bromophenyl-phenylether
Concen: 3.348 ng
RT: 10.427 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF130579.D
Acq: 07 Oct 2022 17:23

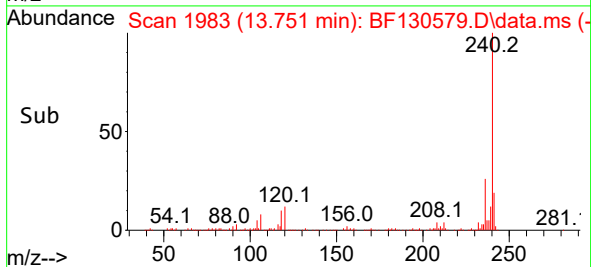
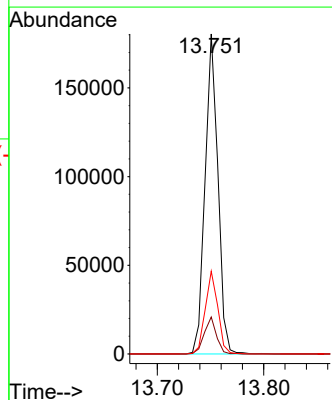
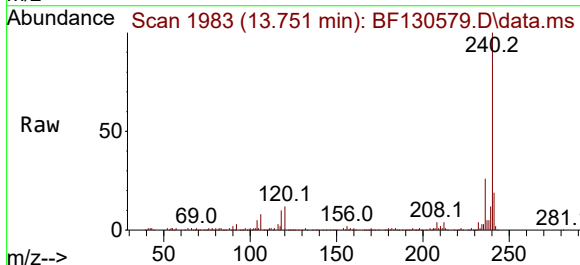
Instrument :
BNA_F
ClientSampleId :
R-5

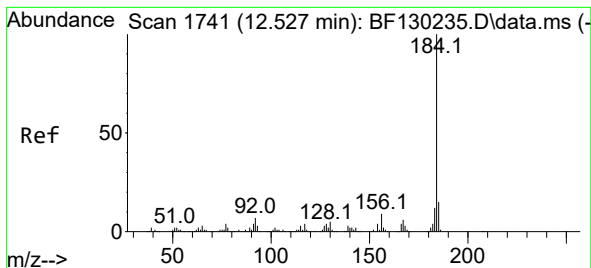
Tgt Ion:248 Resp: 9330
Ion Ratio Lower Upper
248 100
250 200.8 80.0 120.0#
141 622.2 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BF130579.D
Acq: 07 Oct 2022 17:23

Tgt Ion:240 Resp: 151658
Ion Ratio Lower Upper
240 100
120 11.6 8.7 13.1
236 25.9 20.9 31.3





#77

Benzidine

Concen: 2.085 ng

RT: 12.704 min Scan# 1805

Delta R.T. 0.235 min

Lab File: BF130579.D

Acq: 07 Oct 2022 17:23

Instrument :

BNA_F

ClientSampleId :

R-5

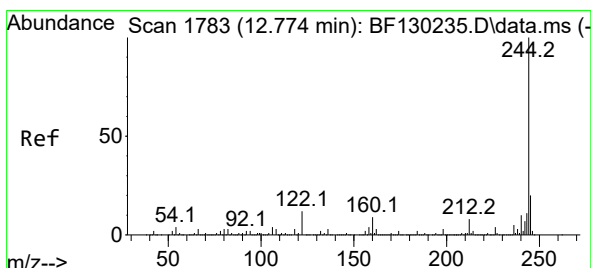
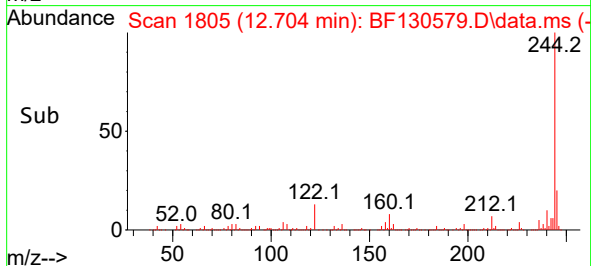
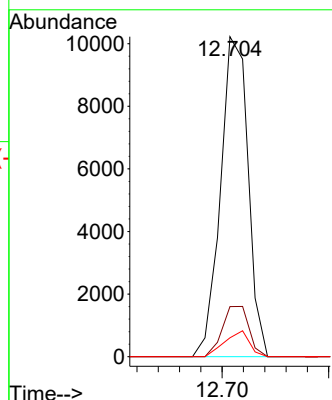
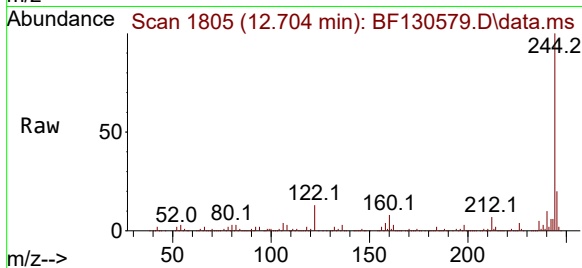
Tgt Ion:184 Resp: 9181

Ion Ratio Lower Upper

184 100

185 15.6 11.8 17.6

183 5.9 9.1 13.7#



#79

Terphenyl-d14

Concen: 69.548 ng

RT: 12.710 min Scan# 1806

Delta R.T. -0.006 min

Lab File: BF130579.D

Acq: 07 Oct 2022 17:23

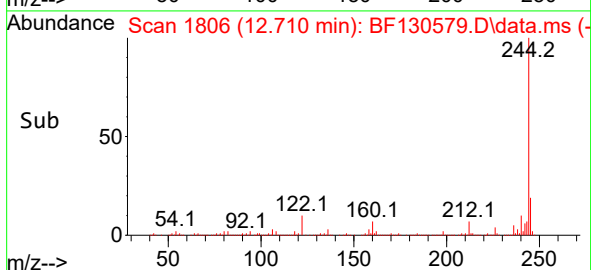
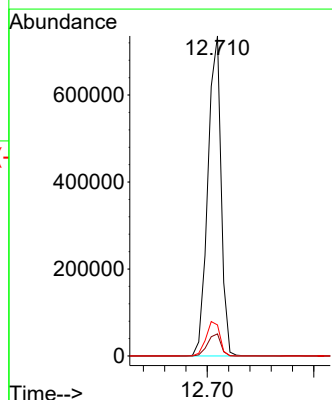
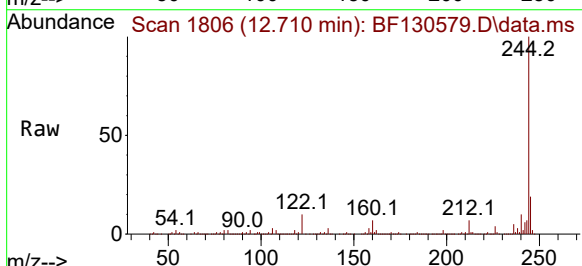
Tgt Ion:244 Resp: 636740

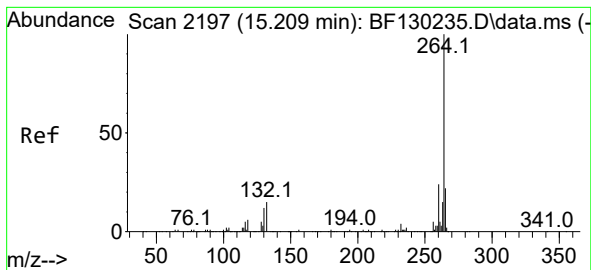
Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

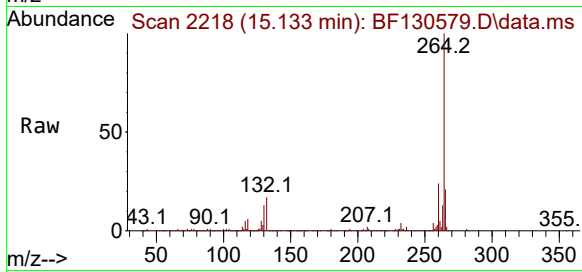
122 9.7 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.133 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF130579.D
Acq: 07 Oct 2022 17:23

Instrument :
BNA_F
ClientSampleId :
R-5



Tgt Ion:264 Resp: 175999

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	21.0	17.0	25.4

