

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
 Data File : BF130769.D
 Acq On : 25 Oct 2022 14:26
 Operator : CG\JU
 Sample : N5189-01DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 15:08:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

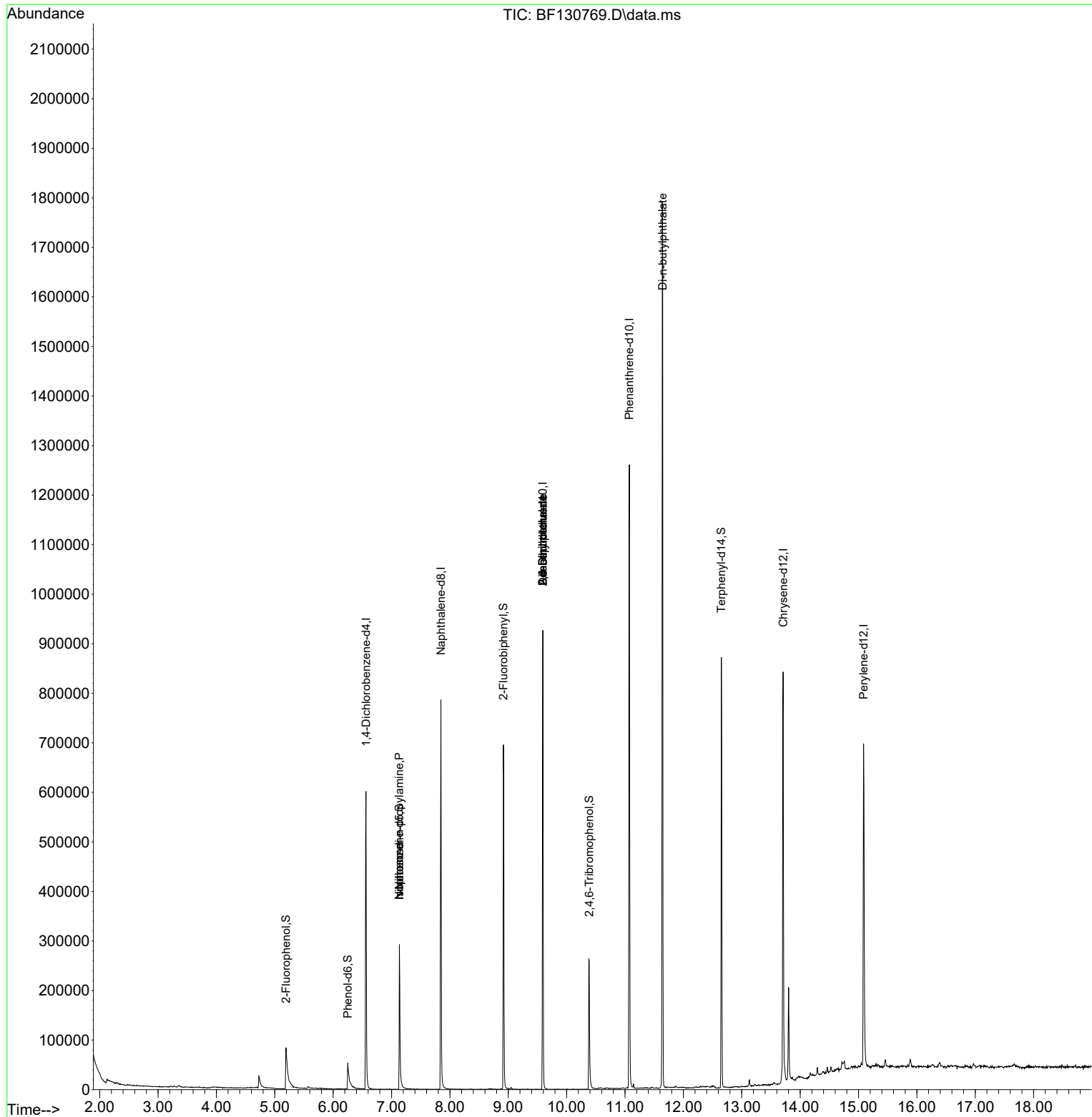
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	99405	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	337471	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	179646	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	473019	20.000	ng	0.00
76) Chrysene-d12	13.710	240	291245	20.000	ng	0.00
86) Perylene-d12	15.086	264	271090	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	62325	10.812	ng	0.03
7) Phenol-d6	6.251	99	46430	6.657	ng	0.03
23) Nitrobenzene-d5	7.134	82	107589	16.912	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	40259	23.565	ng	0.00
45) 2-Fluorobiphenyl	8.916	172	222044	18.836	ng	-0.01
79) Terphenyl-d14	12.651	244	275404	15.935	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.134	70	14011	2.973	ng	# 76
25) Isophorone	7.134	82	107589	10.265	ng	# 65
50) Dimethylphthalate	9.592	163	33014	2.732	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	22901	8.463	ng	# 30
57) 2,4-Dinitrotoluene	9.592	165	22901	6.283	ng	# 28
74) Di-n-butylphthalate	11.645	149	929239	31.613	ng	100
77) Benzidine	12.651	184	3818	Below Cal	#	94

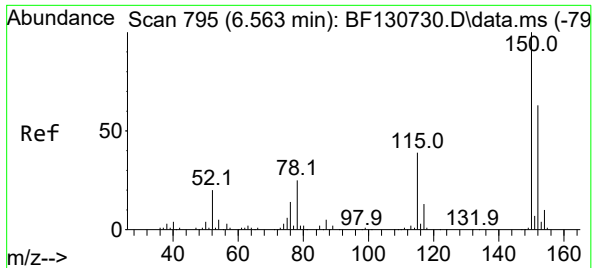
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
Data File : BF130769.D
Acq On : 25 Oct 2022 14:26
Operator : CG\JU
Sample : N5189-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

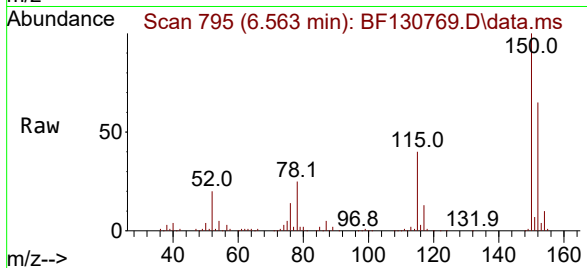
Quant Time: Oct 25 15:08:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 06:12:36 2022
Response via : Initial Calibration



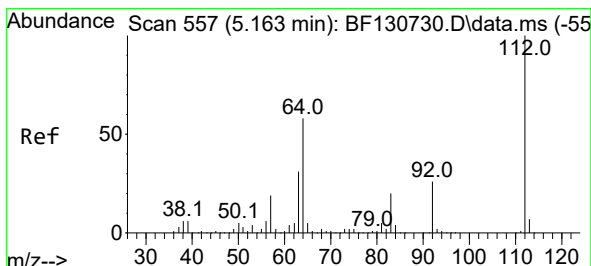
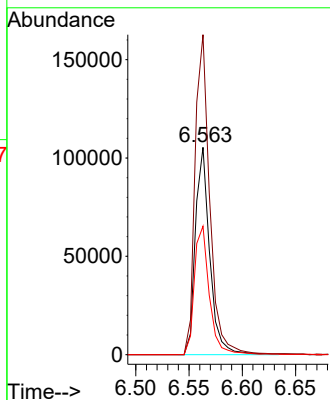
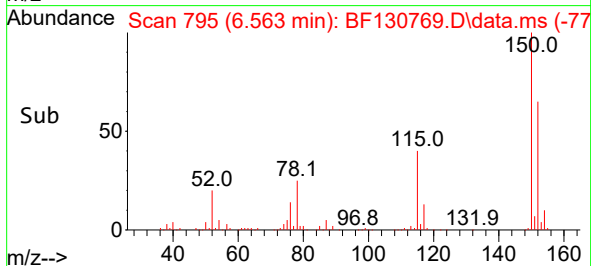


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130769.D
Acq: 25 Oct 2022 14:26

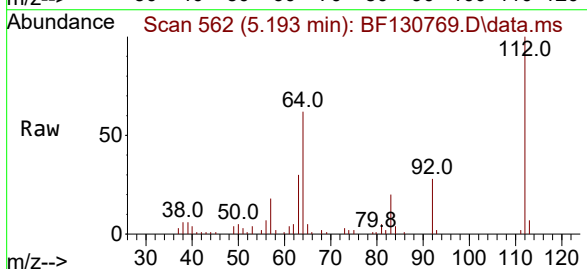
Instrument :
BNA_F
ClientSampleId :



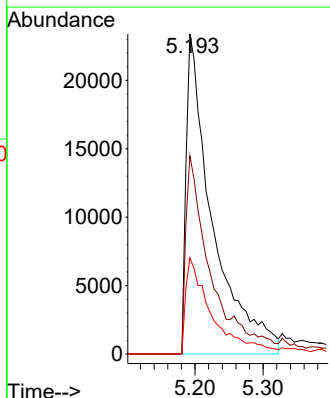
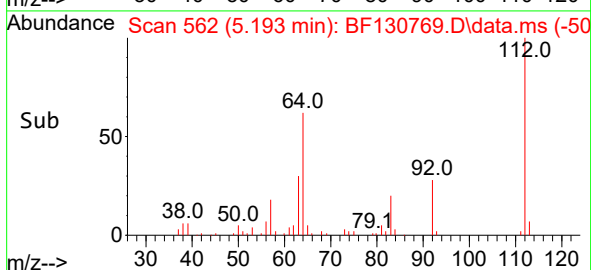
Tgt Ion:152 Resp: 99405
Ion Ratio Lower Upper
152 100
150 154.3 127.0 190.6
115 62.0 49.9 74.9

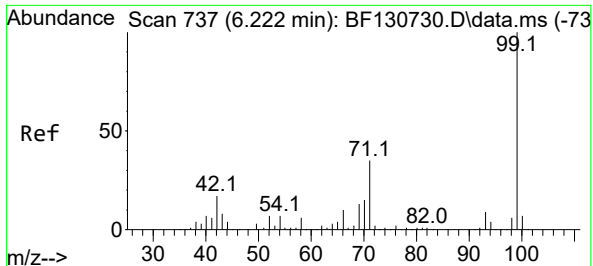


#5
2-Fluorophenol
Concen: 10.812 ng
RT: 5.193 min Scan# 562
Delta R.T. 0.030 min
Lab File: BF130769.D
Acq: 25 Oct 2022 14:26



Tgt Ion:112 Resp: 62325
Ion Ratio Lower Upper
112 100
64 61.9 46.2 69.4
63 30.0 25.1 37.7

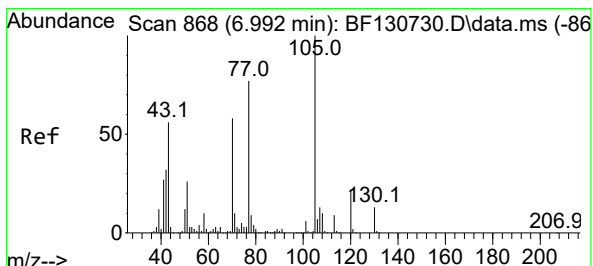
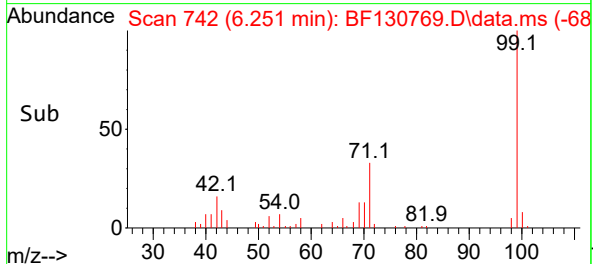
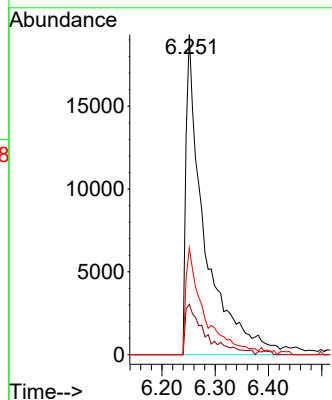
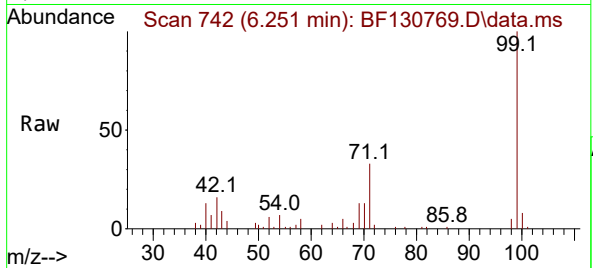




#7
Phenol-d6
Concen: 6.657 ng
RT: 6.251 min Scan# 74
Delta R.T. 0.029 min
Lab File: BF130769.D
Acq: 25 Oct 2022 14:26

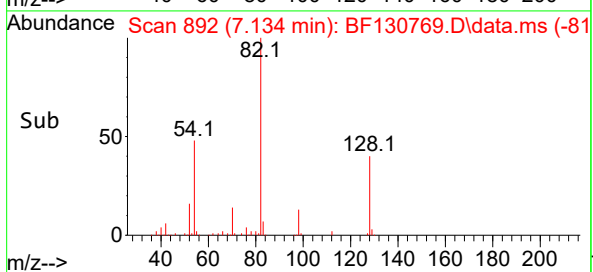
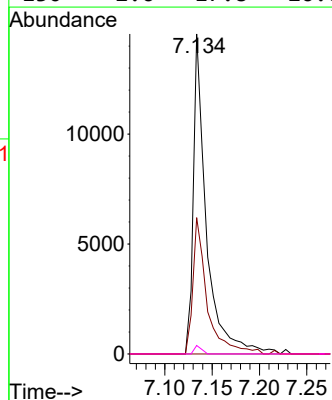
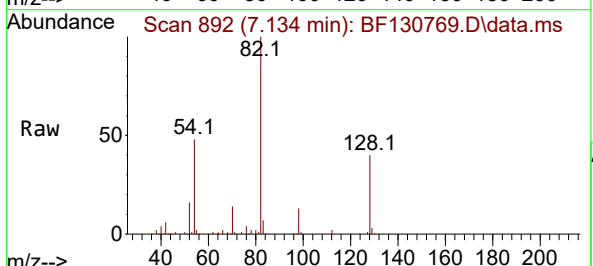
Instrument :
BNA_F
ClientSampleId :

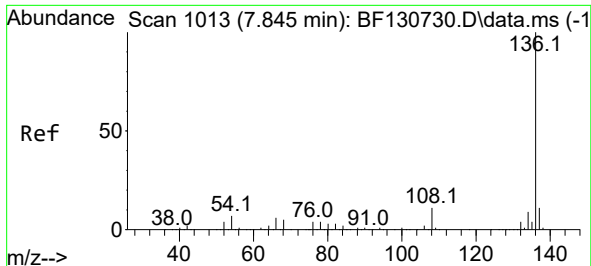
Tgt Ion: 99 Resp: 46430
Ion Ratio Lower Upper
99 100
42 15.7 13.8 20.8
71 33.3 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 2.973 ng
RT: 7.134 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF130769.D
Acq: 25 Oct 2022 14:26

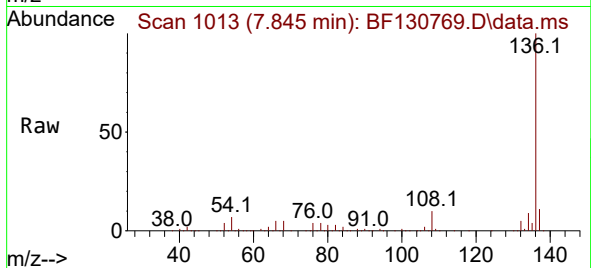
Tgt Ion: 70 Resp: 14011
Ion Ratio Lower Upper
70 100
42 42.6 44.1 66.1#
101 0.0 8.3 12.5#
130 2.6 17.8 26.6#



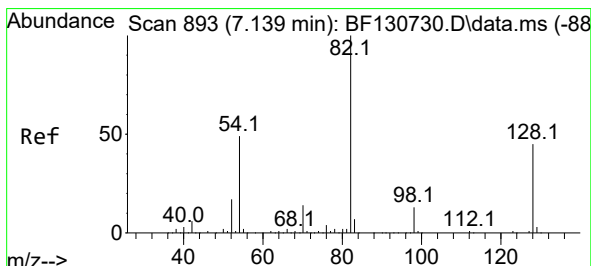
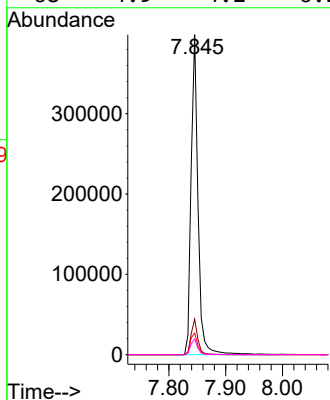
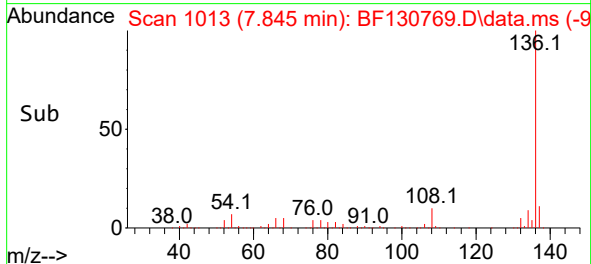


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130769.D
Acq: 25 Oct 2022 14:26

Instrument :
BNA_F
ClientSampleId :

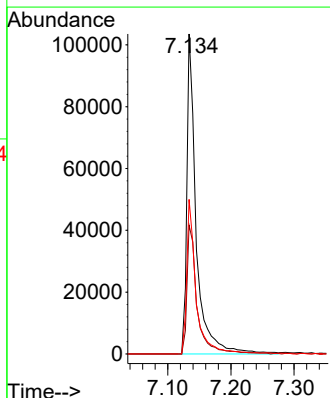
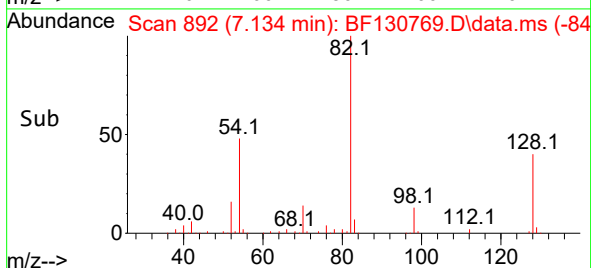
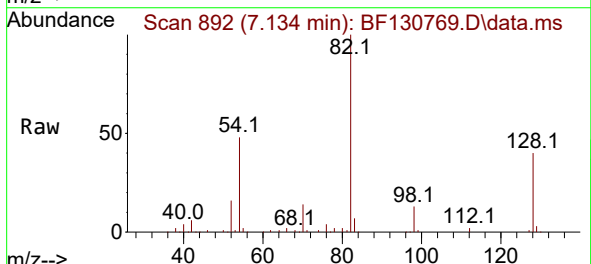


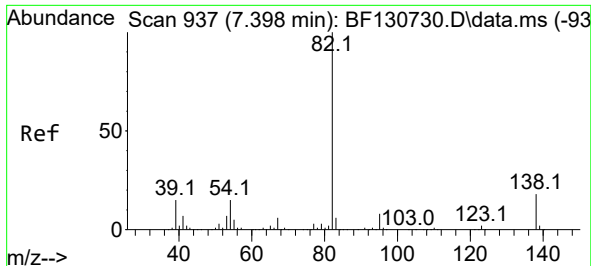
Tgt Ion:136 Resp: 337471
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 6.8 5.8 8.8
68 4.9 4.2 6.2



#23
Nitrobenzene-d5
Concen: 16.912 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.005 min
Lab File: BF130769.D
Acq: 25 Oct 2022 14:26

Tgt Ion: 82 Resp: 107589
Ion Ratio Lower Upper
82 100
128 40.2 35.9 53.9
54 48.3 39.2 58.8

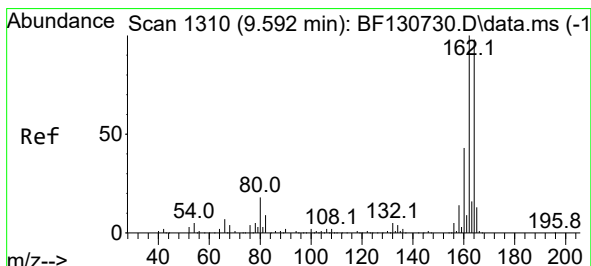
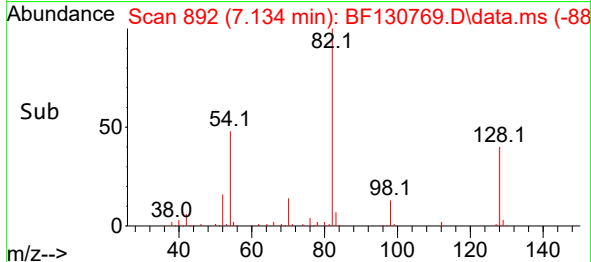
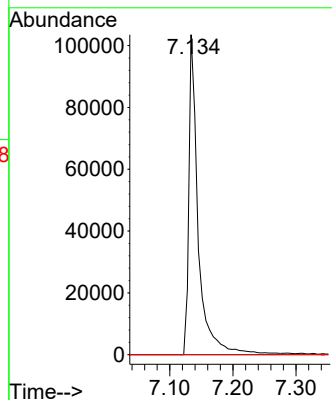
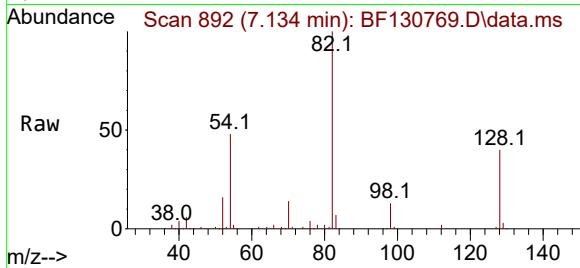




#25
Isophorone
Concen: 10.265 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF130769.D
Acq: 25 Oct 2022 14:26

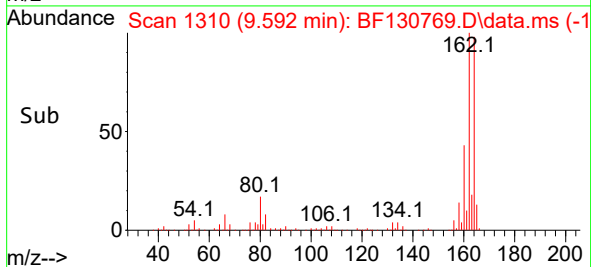
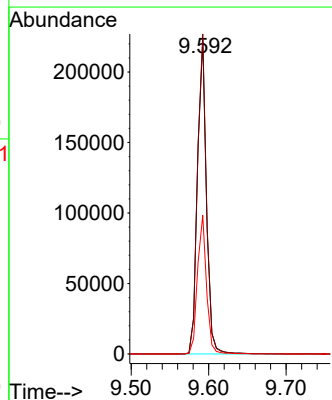
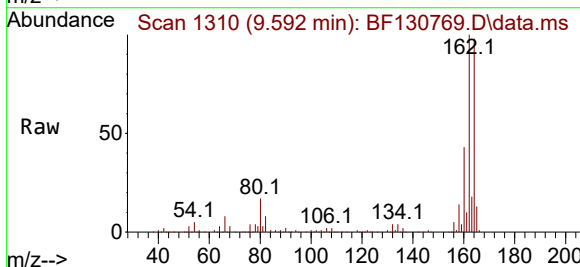
Instrument :
BNA_F
ClientSampleId :

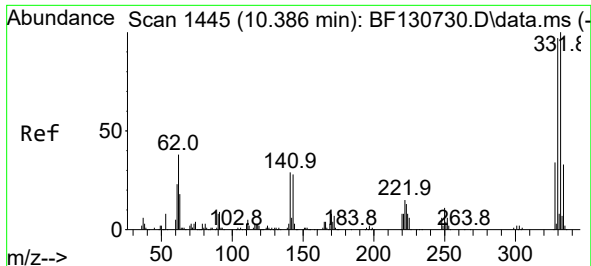
Tgt Ion: 82 Resp: 107589
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF130769.D
Acq: 25 Oct 2022 14:26

Tgt Ion:164 Resp: 179646
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 44.2 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 23.565 ng

RT: 10.386 min Scan# 1445

Delta R.T. 0.000 min

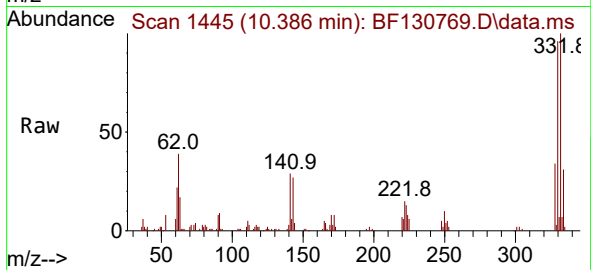
Lab File: BF130769.D

Acq: 25 Oct 2022 14:26

Instrument :

BNA_F

ClientSampleId :



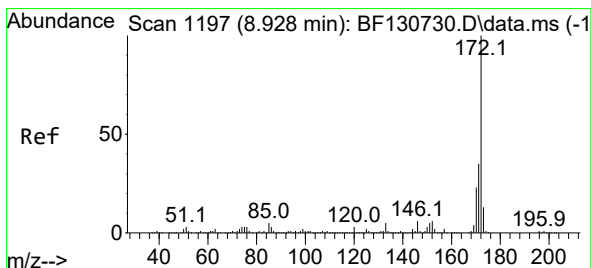
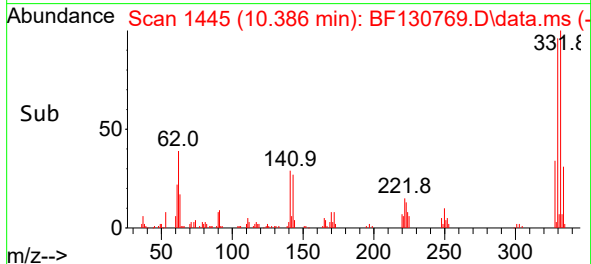
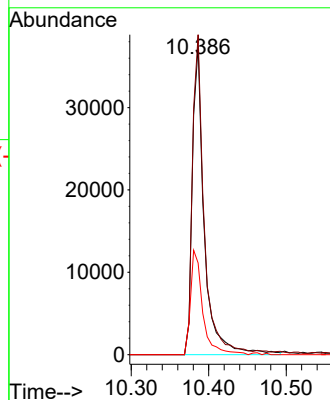
Tgt Ion:330 Resp: 40259

Ion Ratio Lower Upper

330 100

332 101.2 81.4 122.2

141 34.4 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 18.836 ng

RT: 8.916 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF130769.D

Acq: 25 Oct 2022 14:26

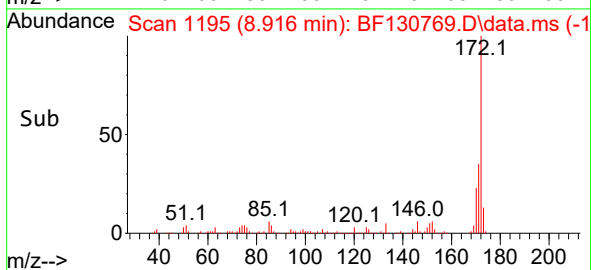
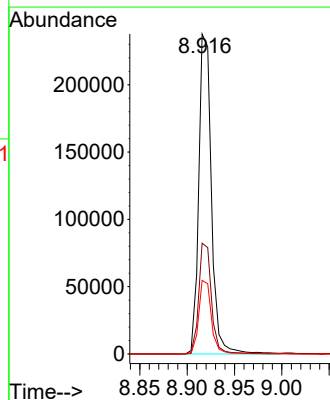
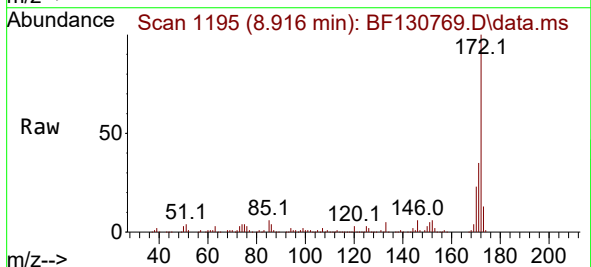
Tgt Ion:172 Resp: 222044

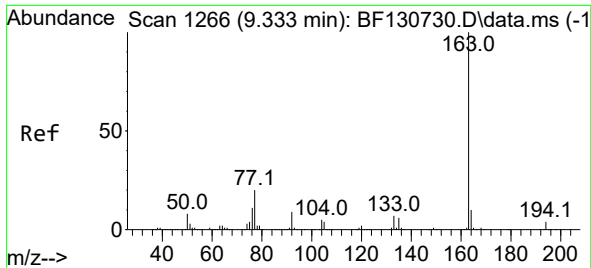
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 23.0 18.5 27.7

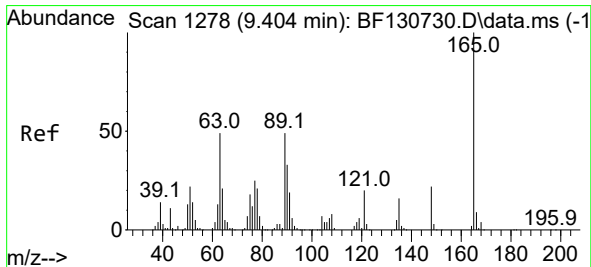
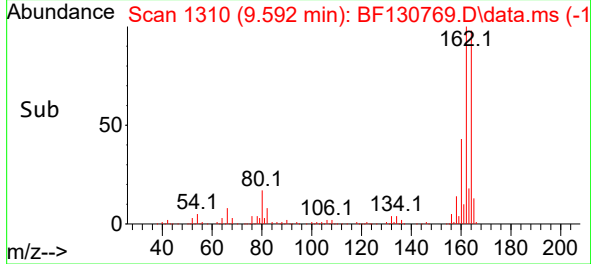
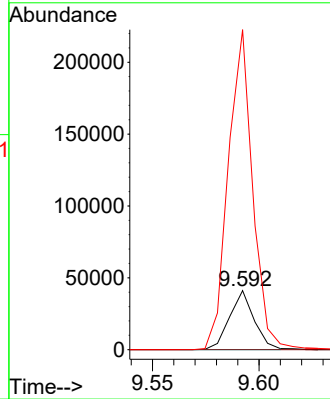
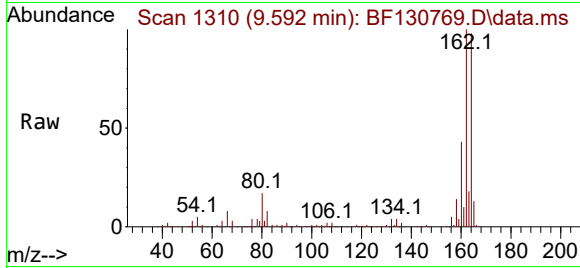




#50
Dimethylphthalate
Concen: 2.732 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF130769.D
Acq: 25 Oct 2022 14:26

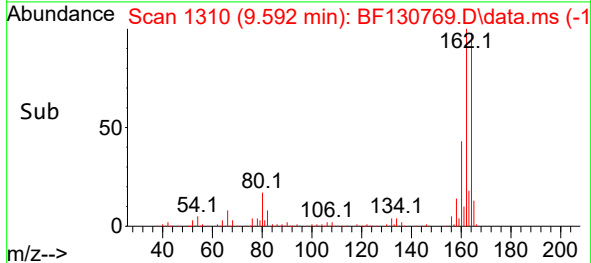
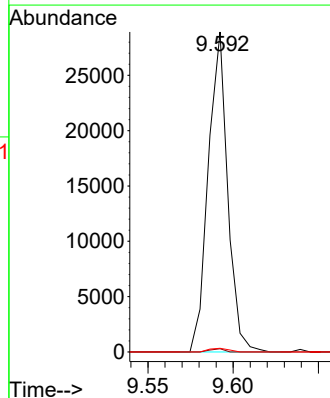
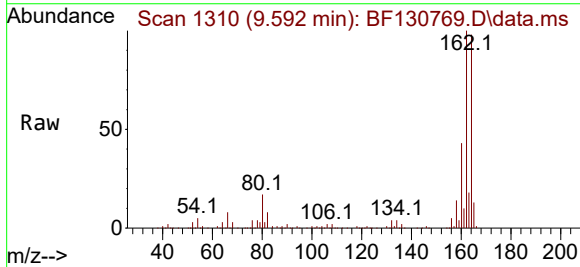
Instrument :
BNA_F
ClientSampleId :

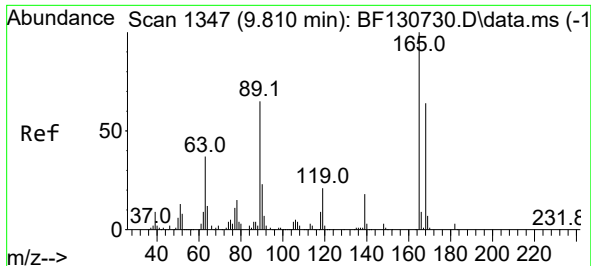
Tgt Ion:163 Resp: 33014
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 542.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.463 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.188 min
Lab File: BF130769.D
Acq: 25 Oct 2022 14:26

Tgt Ion:165 Resp: 22901
Ion Ratio Lower Upper
165 100
63 1.0 38.8 58.2#
89 1.2 39.4 59.2#





#57

2,4-Dinitrotoluene

Concen: 6.283 ng

RT: 9.592 min Scan# 11

Delta R.T. -0.218 min

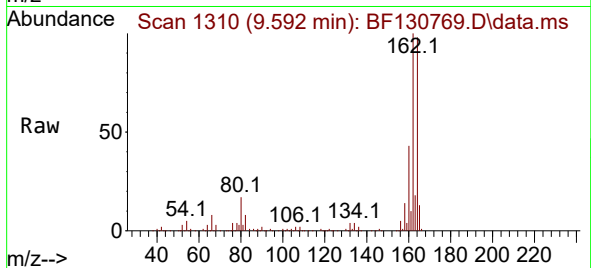
Lab File: BF130769.D

Acq: 25 Oct 2022 14:26

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:165 Resp: 22901

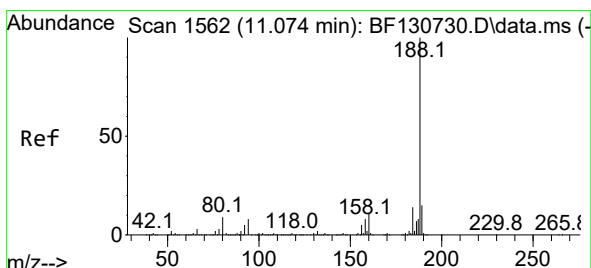
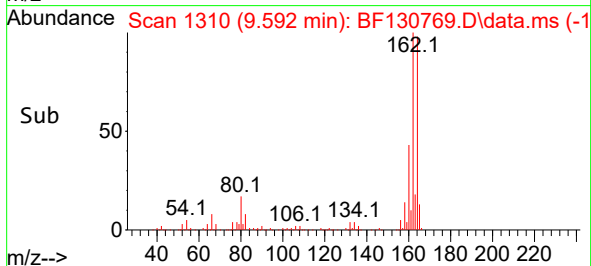
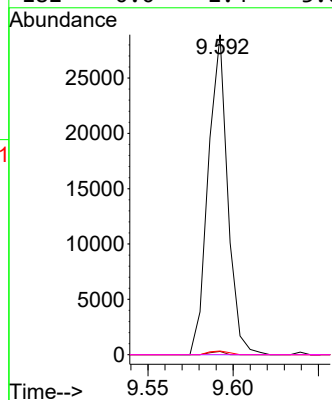
Ion Ratio Lower Upper

165 100

63 1.0 32.6 49.0#

89 1.2 51.9 77.9#

182 0.0 2.4 3.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.075 min Scan# 1562

Delta R.T. 0.000 min

Lab File: BF130769.D

Acq: 25 Oct 2022 14:26

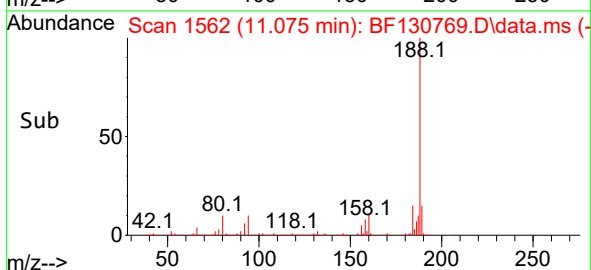
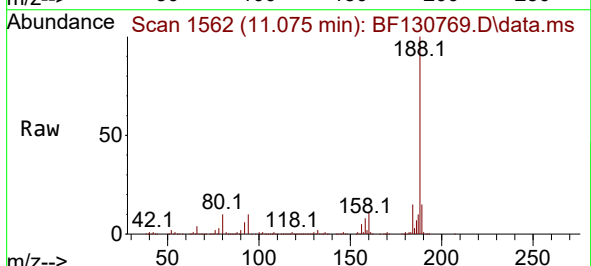
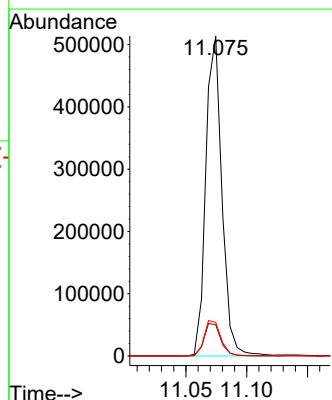
Tgt Ion:188 Resp: 473019

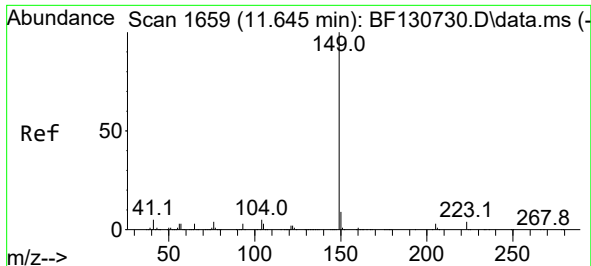
Ion Ratio Lower Upper

188 100

94 9.8 6.7 10.1

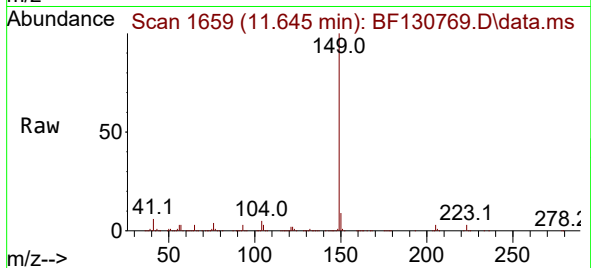
80 10.5 7.4 11.0



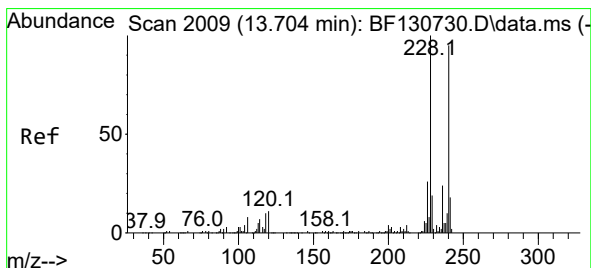
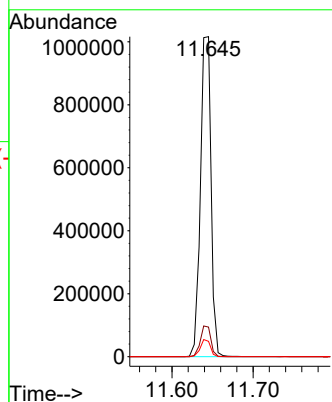
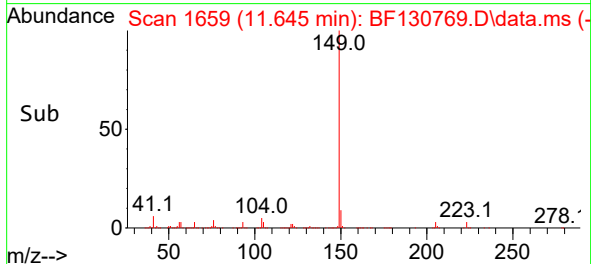


#74
Di-n-butylphthalate
Concen: 31.613 ng
RT: 11.645 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF130769.D
Acq: 25 Oct 2022 14:26

Instrument :
BNA_F
ClientSampleId :

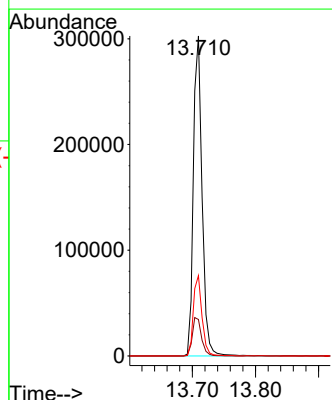
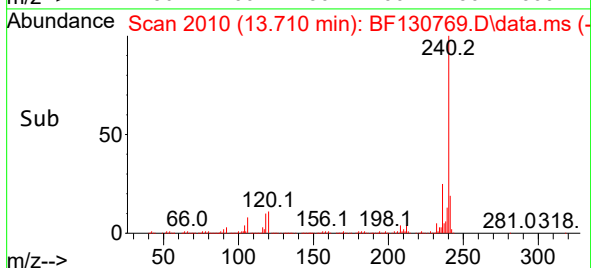
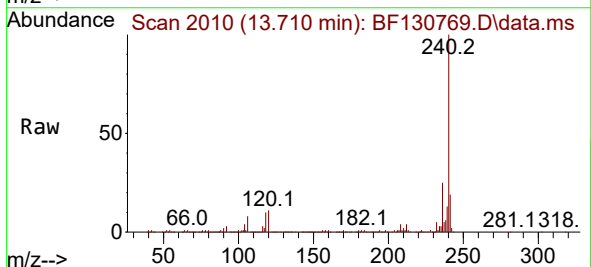


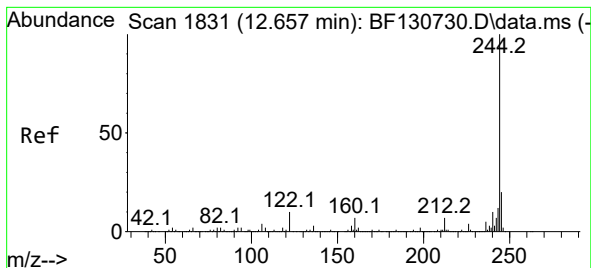
Tgt Ion:149 Resp: 929239
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 4.8 3.8 5.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF130769.D
Acq: 25 Oct 2022 14:26

Tgt Ion:240 Resp: 291245
Ion Ratio Lower Upper
240 100
120 11.4 9.6 14.4
236 25.1 20.2 30.2





#79

Terphenyl-d14

Concen: 15.935 ng

RT: 12.651 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BF130769.D

Acq: 25 Oct 2022 14:26

Instrument :

BNA_F

ClientSampleId :

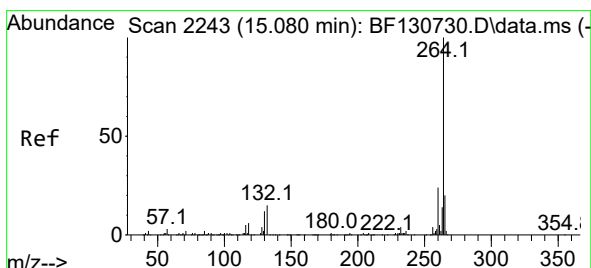
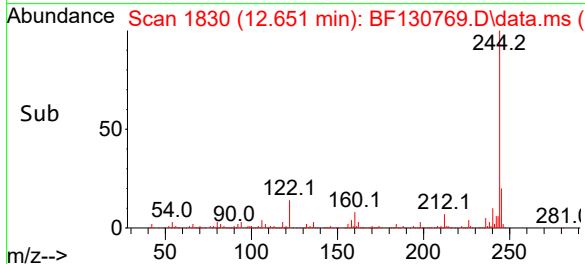
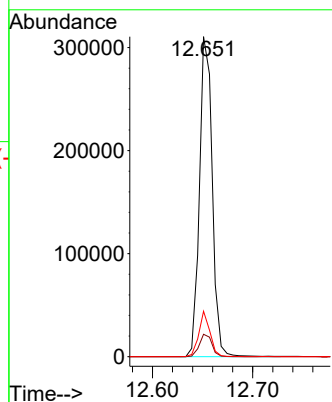
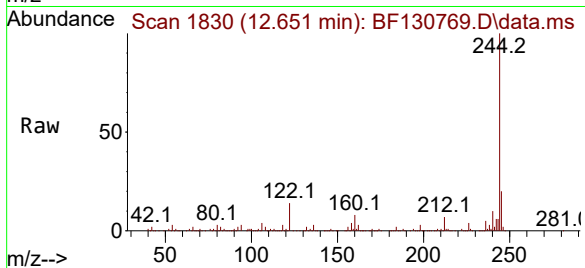
Tgt Ion:244 Resp: 275404

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 14.2 8.2 12.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.086 min Scan# 2244

Delta R.T. 0.006 min

Lab File: BF130769.D

Acq: 25 Oct 2022 14:26

Tgt Ion:264 Resp: 271090

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.9 16.2 24.4

