

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
 Data File : BF130767.D
 Acq On : 25 Oct 2022 13:02
 Operator : CG\JU
 Sample : PB148536BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 15:07:58 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)

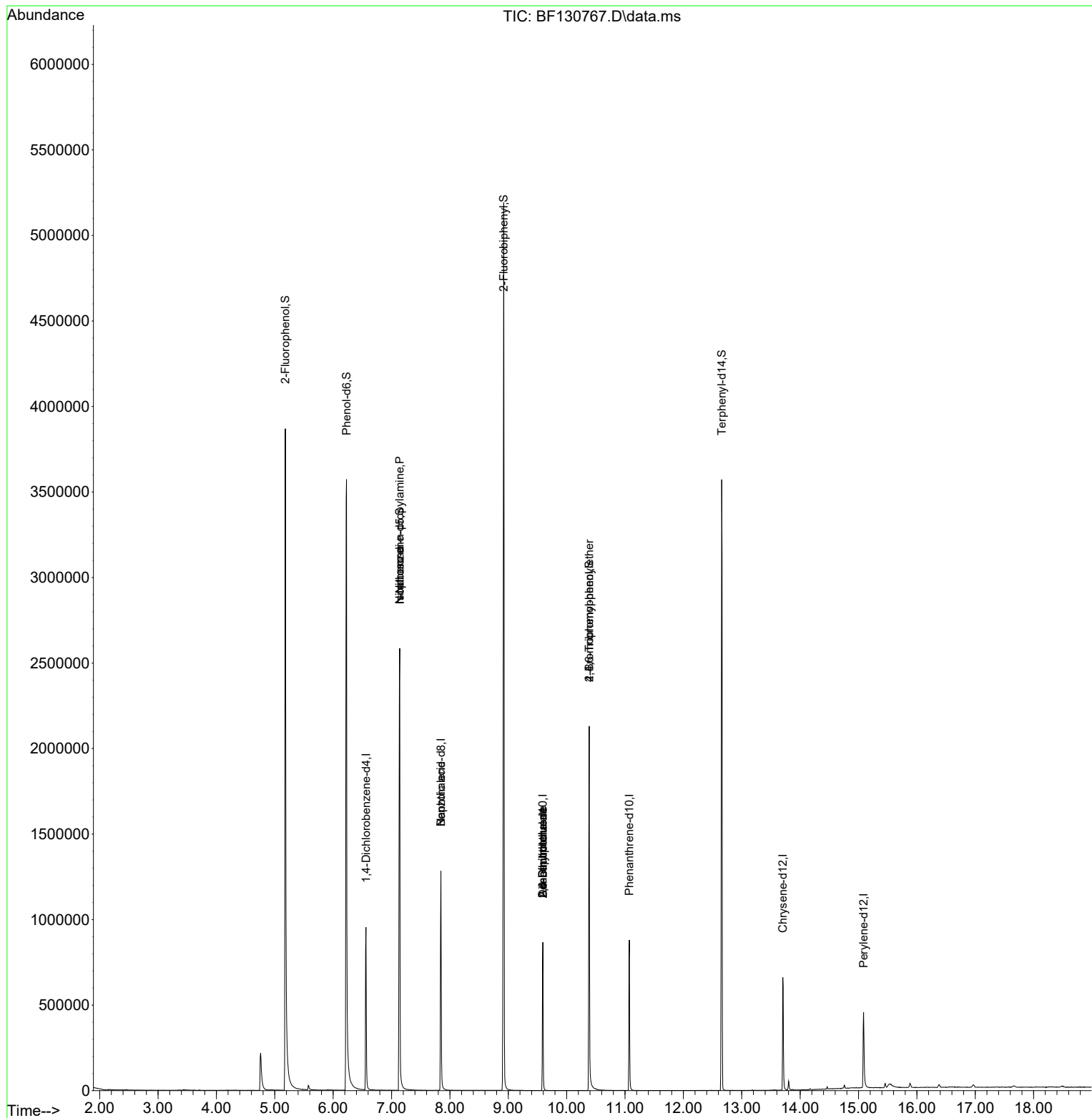
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	155554	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	622749	20.000	ng	# 0.00
39) Acenaphthene-d10	9.592	164	181259	20.000	ng	0.00
64) Phenanthrene-d10	11.074	188	333541	20.000	ng	0.00
76) Chrysene-d12	13.704	240	247481	20.000	ng	0.00
86) Perylene-d12	15.086	264	189738	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	1328363	147.256	ng	0.02
7) Phenol-d6	6.228	99	1639953	150.257	ng	0.00
23) Nitrobenzene-d5	7.139	82	1014424	86.412	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	269298	156.227	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	1707790	143.582	ng	0.00
79) Terphenyl-d14	12.657	244	1369117	93.228	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.139	70	133719	18.131	ng	# 76
25) Isophorone	7.139	82	1014417	52.446	ng	# 65
32) Benzoic acid	7.845	122	67	6.022	ng	# 1
50) Dimethylphthalate	9.592	163	33895	2.780	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	23712	8.685	ng	# 30
57) 2,4-Dinitrotoluene	9.592	165	23712	6.447	ng	# 28
67) 4-Bromophenyl-phenylether	10.386	248	16225	4.044	ng	# 1
77) Benzidine	12.657	184	17520	Below Cal		# 94

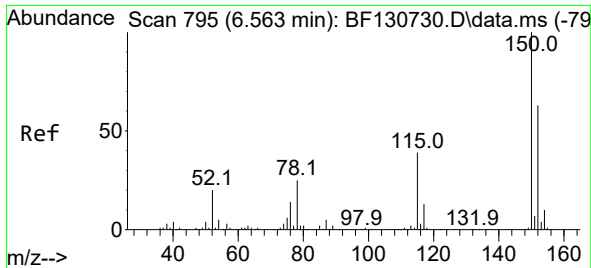
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
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BNA_F
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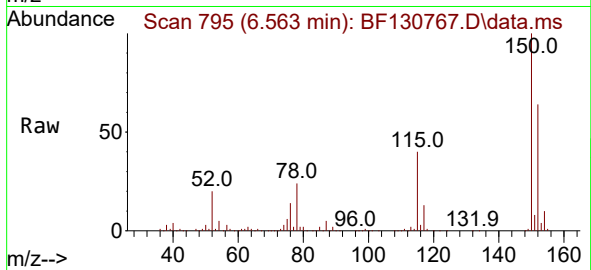
Quant Time: Oct 25 15:07:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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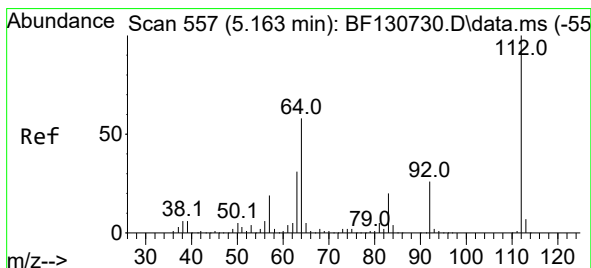
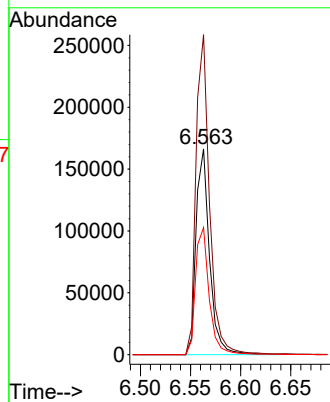
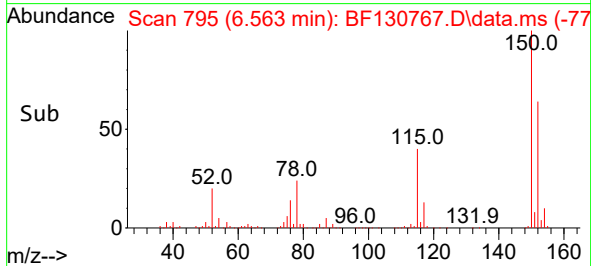


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.563 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: BF130767.D
 Acq: 25 Oct 2022 13:02

Instrument :
 BNA_F
 ClientSampleId :

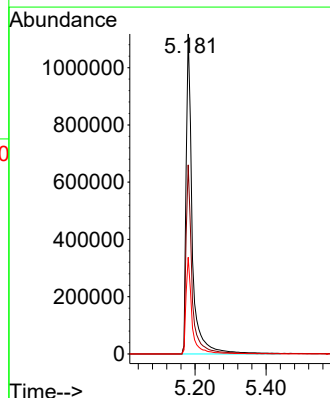
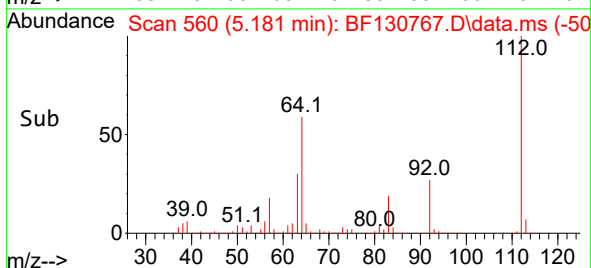
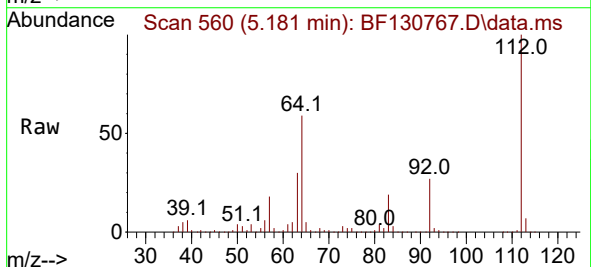


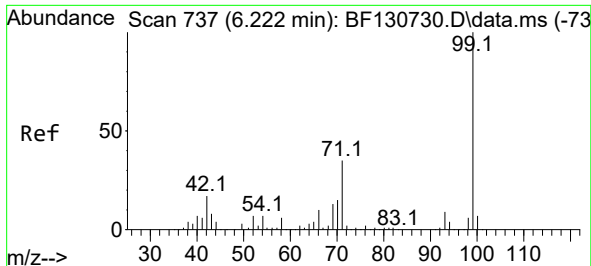
Tgt Ion:152 Resp: 155554
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.0 190.6
 115 61.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 147.256 ng
 RT: 5.181 min Scan# 560
 Delta R.T. 0.018 min
 Lab File: BF130767.D
 Acq: 25 Oct 2022 13:02

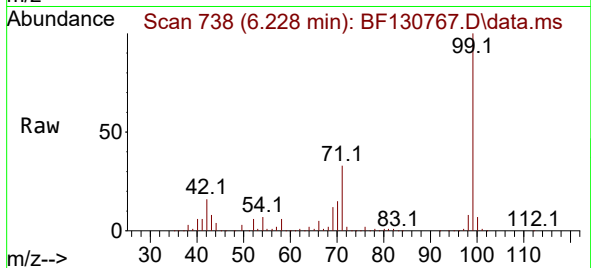
Tgt Ion:112 Resp: 1328363
 Ion Ratio Lower Upper
 112 100
 64 59.1 46.2 69.4
 63 30.2 25.1 37.7



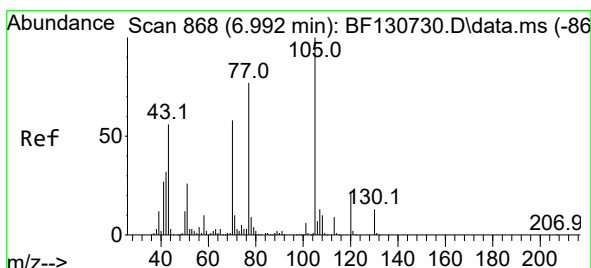
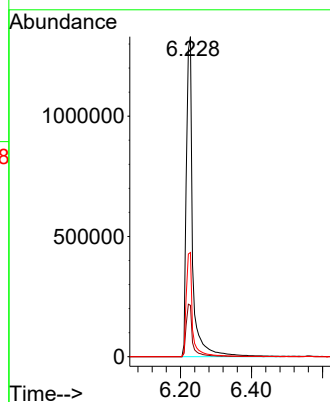
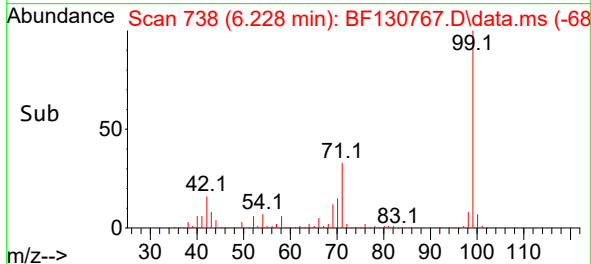


#7
Phenol-d6
Concen: 150.257 ng
RT: 6.228 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130767.D
Acq: 25 Oct 2022 13:02

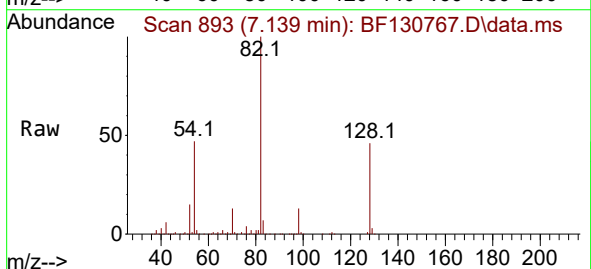
Instrument :
BNA_F
ClientSampleId :



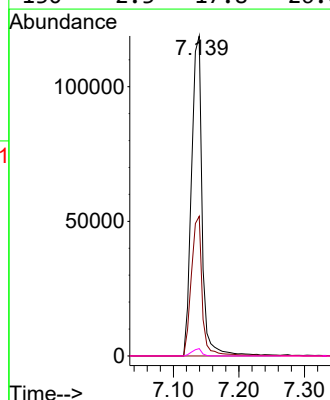
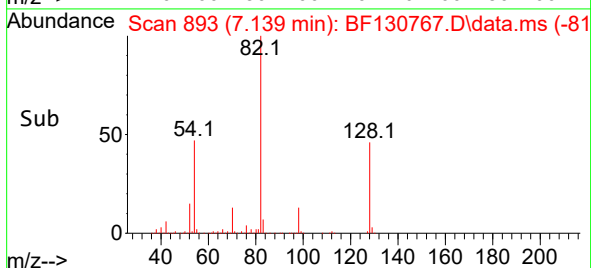
Tgt Ion: 99 Resp: 1639953
Ion Ratio Lower Upper
99 100
42 16.0 13.8 20.8
71 32.5 28.3 42.5

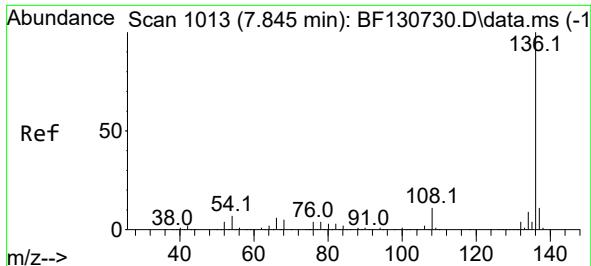


#19
n-Nitroso-di-n-propylamine
Concen: 18.131 ng
RT: 7.139 min Scan# 893
Delta R.T. 0.147 min
Lab File: BF130767.D
Acq: 25 Oct 2022 13:02



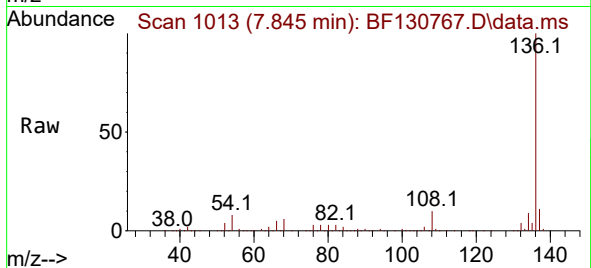
Tgt Ion: 70 Resp: 133719
Ion Ratio Lower Upper
70 100
42 43.6 44.1 66.1#
101 0.0 8.3 12.5#
130 2.3 17.8 26.6#



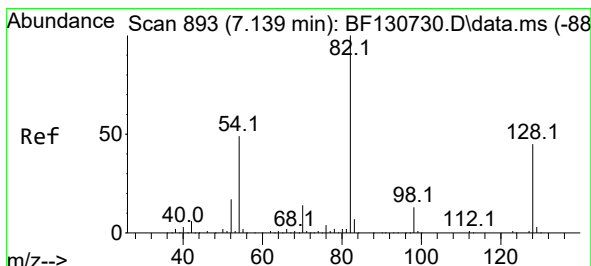
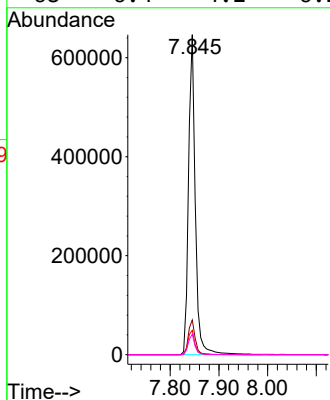
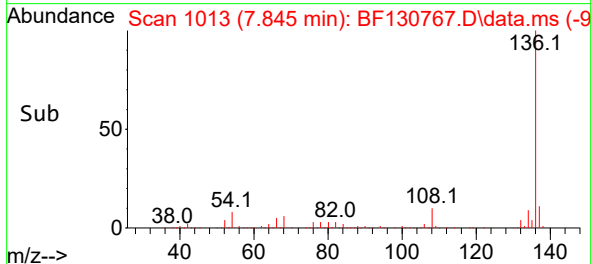


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130767.D
Acq: 25 Oct 2022 13:02

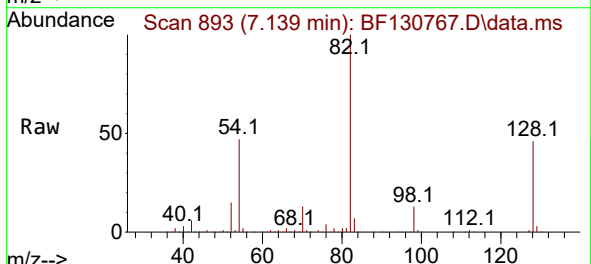
Instrument :
BNA_F
ClientSampleId :



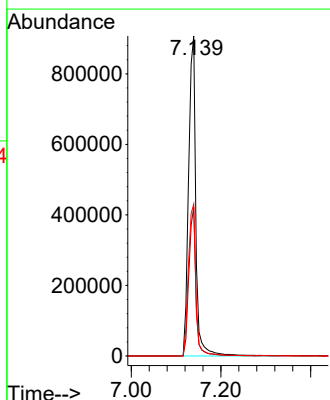
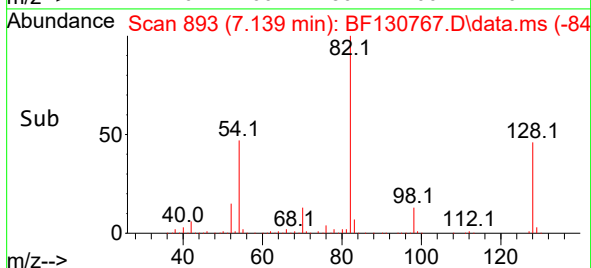
Tgt Ion:136 Resp: 622749
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.6 5.8 8.8
68 6.4 4.2 6.2#

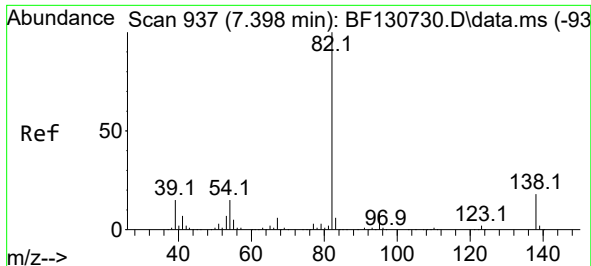


#23
Nitrobenzene-d5
Concen: 86.412 ng
RT: 7.139 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF130767.D
Acq: 25 Oct 2022 13:02



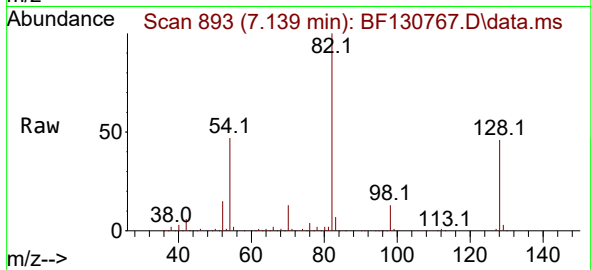
Tgt Ion: 82 Resp: 1014424
Ion Ratio Lower Upper
82 100
128 46.5 35.9 53.9
54 47.4 39.2 58.8



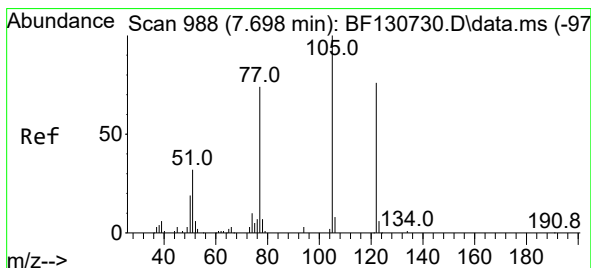
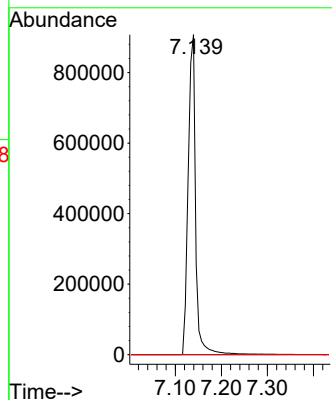
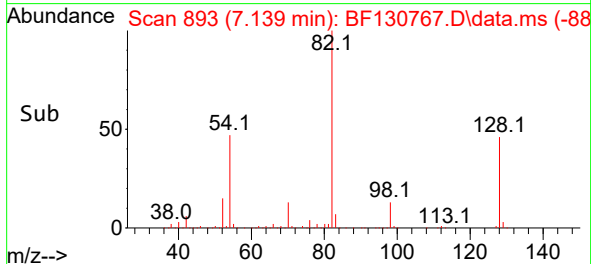


#25
Isophorone
Concen: 52.446 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.259 min
Lab File: BF130767.D
Acq: 25 Oct 2022 13:02

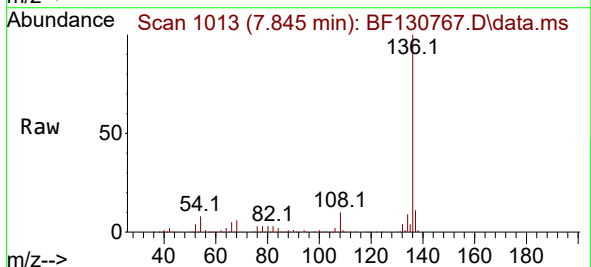
Instrument :
BNA_F
ClientSampleId :



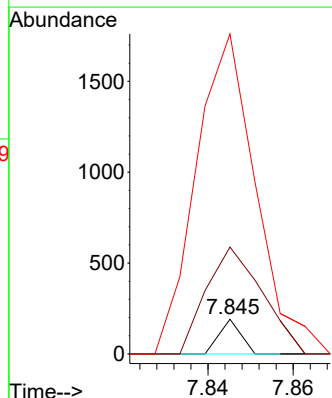
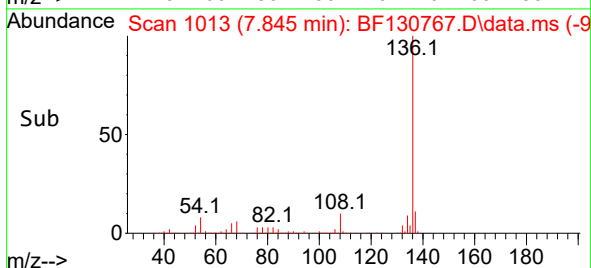
Tgt Ion: 82 Resp: 1014417
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#

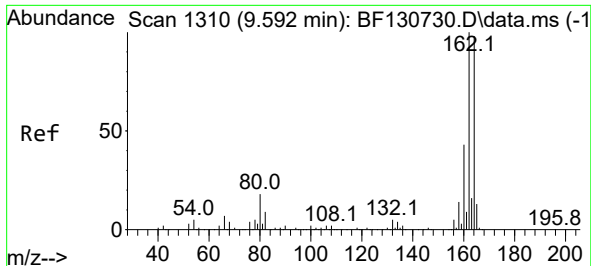


#32
Benzoic acid
Concen: 6.022 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.147 min
Lab File: BF130767.D
Acq: 25 Oct 2022 13:02



Tgt Ion:122 Resp: 67
Ion Ratio Lower Upper
122 100
105 307.9 109.2 149.2#
77 922.0 75.7 115.7#

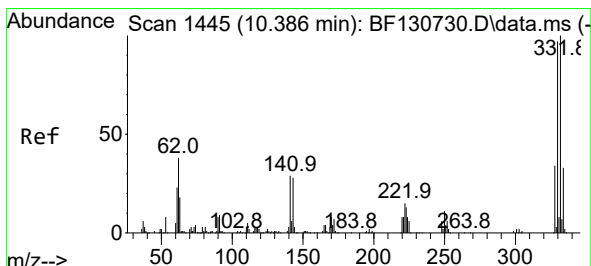
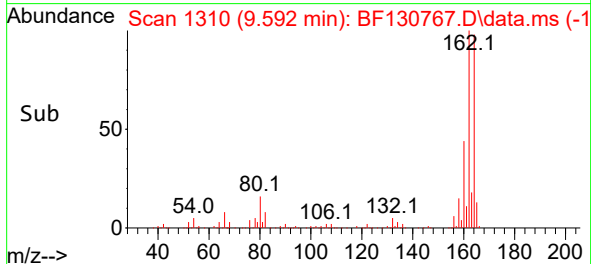
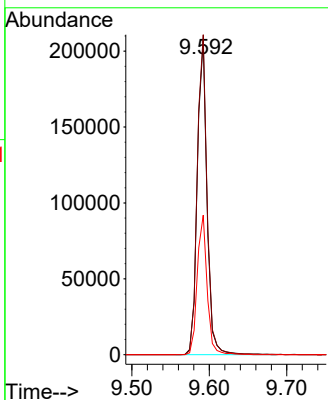
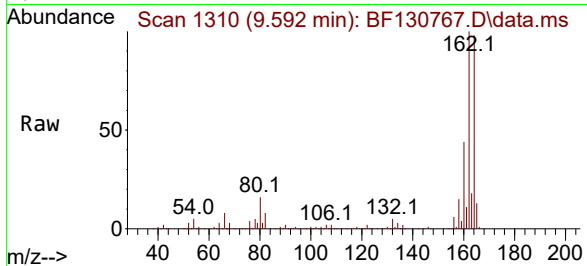




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130767.D
Acq: 25 Oct 2022 13:02

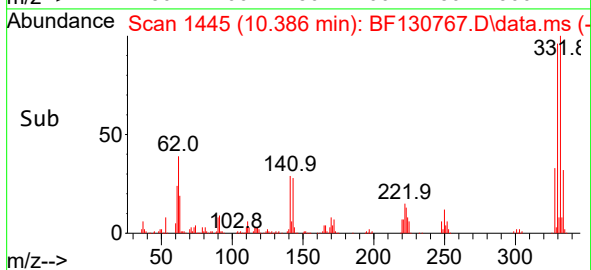
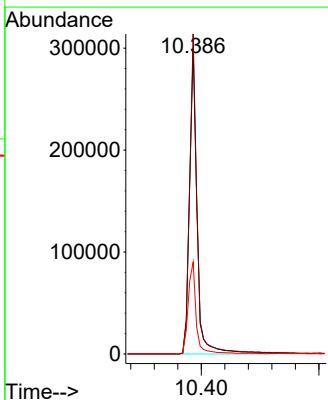
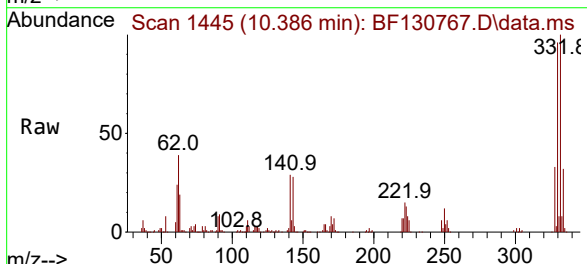
Instrument :
BNA_F
ClientSampleId :

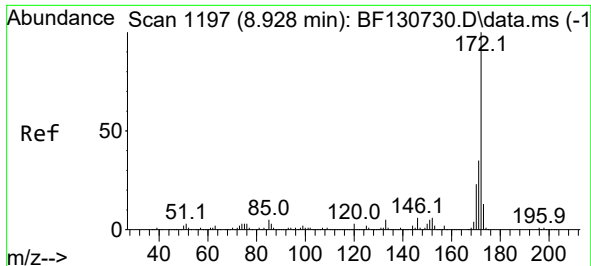
Tgt Ion:164 Resp: 181259
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 44.5 35.0 52.4



#42
2,4,6-Tribromophenol
Concen: 156.227 ng
RT: 10.386 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF130767.D
Acq: 25 Oct 2022 13:02

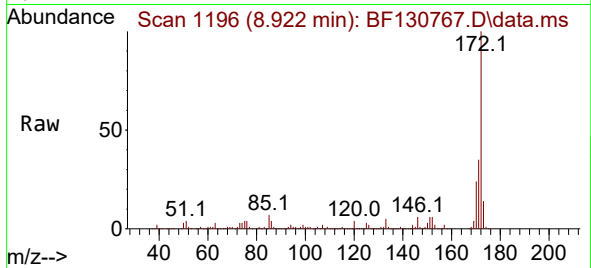
Tgt Ion:330 Resp: 269298
Ion Ratio Lower Upper
330 100
332 103.2 81.4 122.2
141 32.2 24.6 37.0



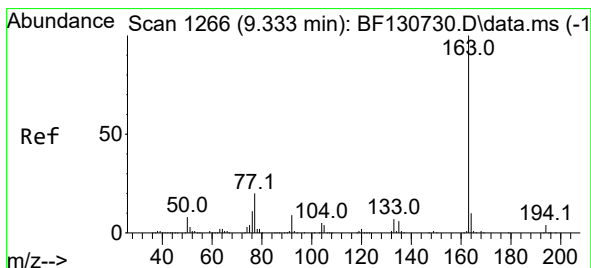
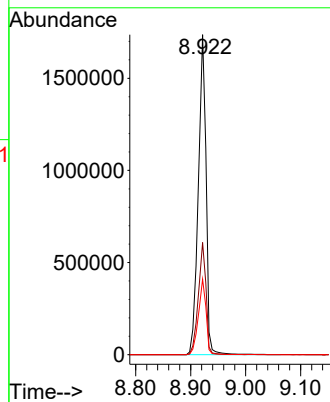
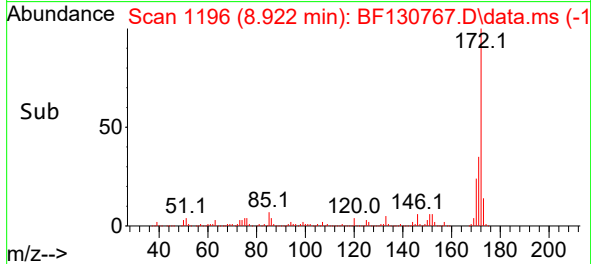


#45
2-Fluorobiphenyl
Concen: 143.582 ng
RT: 8.922 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF130767.D
Acq: 25 Oct 2022 13:02

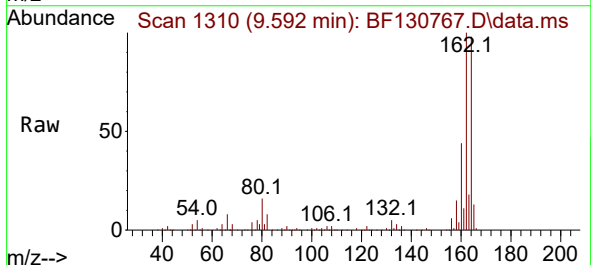
Instrument :
BNA_F
ClientSampleId :



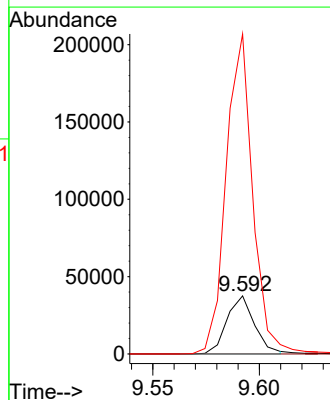
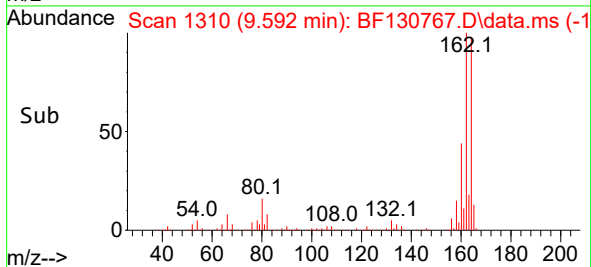
Tgt Ion:172 Resp: 1707790
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.6 18.5 27.7

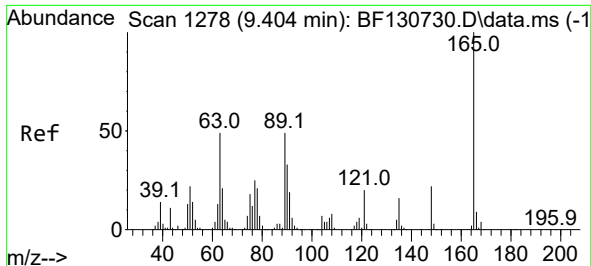


#50
Dimethylphthalate
Concen: 2.780 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF130767.D
Acq: 25 Oct 2022 13:02



Tgt Ion:163 Resp: 33895
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 550.4 8.1 12.1#





#51

2,6-Dinitrotoluene

Concen: 8.685 ng

RT: 9.592 min Scan# 11

Delta R.T. 0.188 min

Lab File: BF130767.D

Acq: 25 Oct 2022 13:02

Instrument :

BNA_F

ClientSampleId :

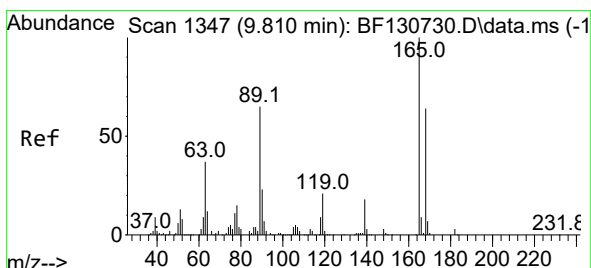
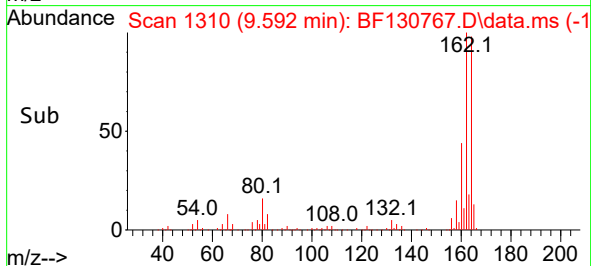
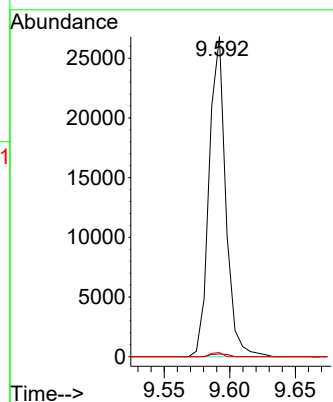
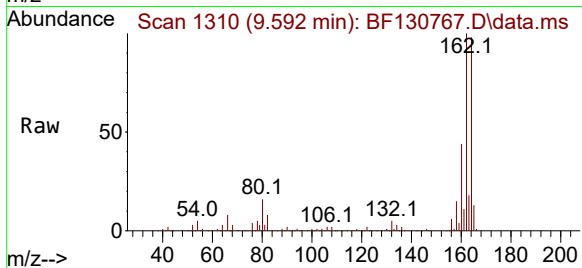
Tgt Ion:165 Resp: 23712

Ion Ratio Lower Upper

165 100

63 0.8 38.8 58.2#

89 1.3 39.4 59.2#



#57

2,4-Dinitrotoluene

Concen: 6.447 ng

RT: 9.592 min Scan# 1310

Delta R.T. -0.218 min

Lab File: BF130767.D

Acq: 25 Oct 2022 13:02

Tgt Ion:165 Resp: 23712

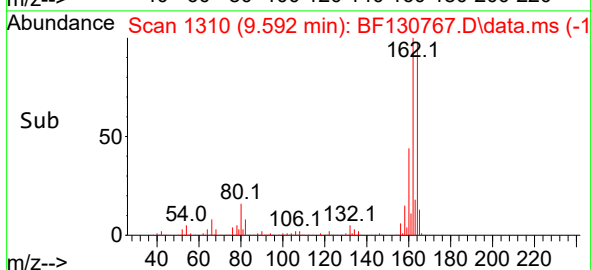
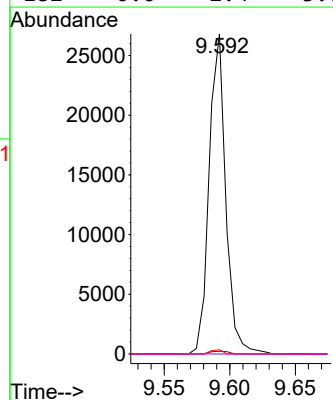
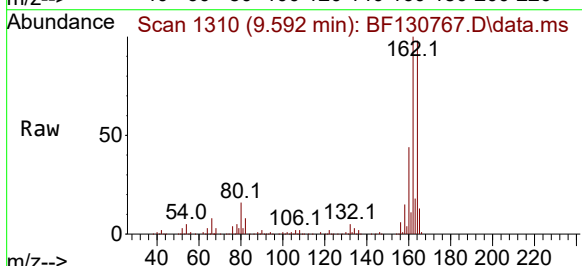
Ion Ratio Lower Upper

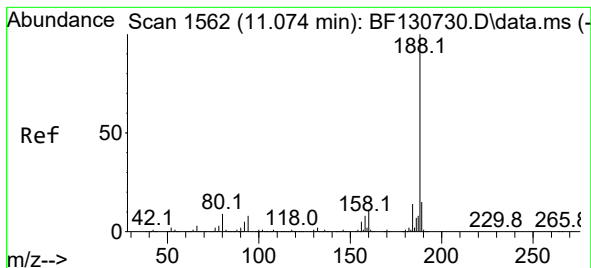
165 100

63 0.8 32.6 49.0#

89 1.3 51.9 77.9#

182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.074 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130767.D

Acq: 25 Oct 2022 13:02

Instrument :

BNA_F

ClientSampleId :

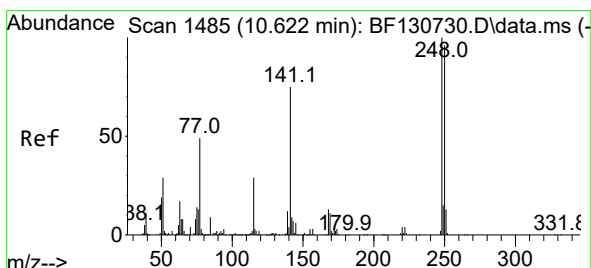
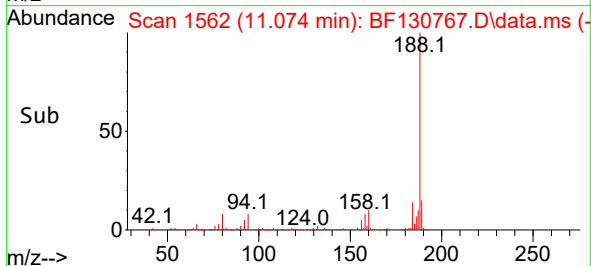
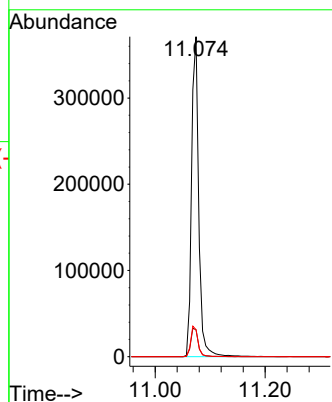
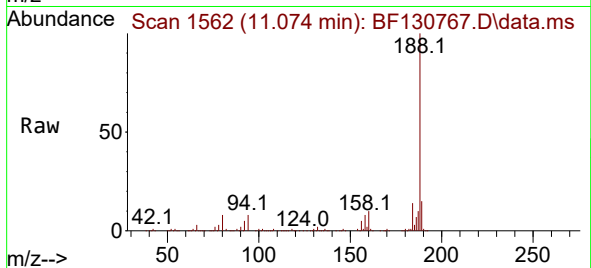
Tgt Ion:188 Resp: 333541

Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

80 8.5 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 4.044 ng

RT: 10.386 min Scan# 1445

Delta R.T. -0.235 min

Lab File: BF130767.D

Acq: 25 Oct 2022 13:02

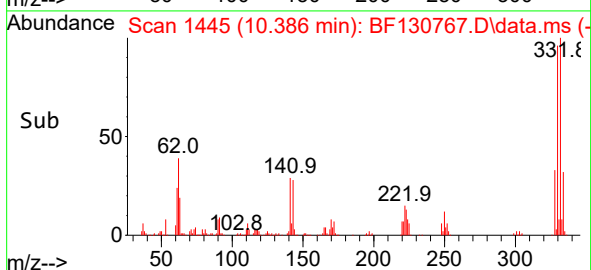
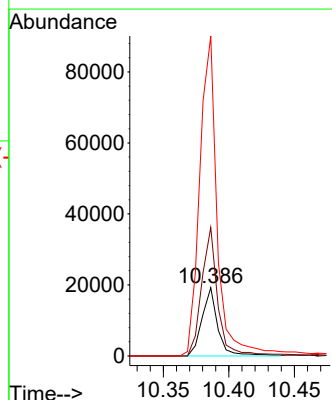
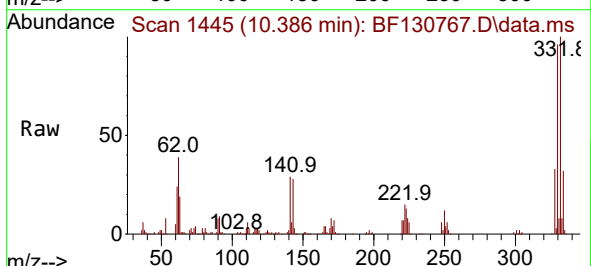
Tgt Ion:248 Resp: 16225

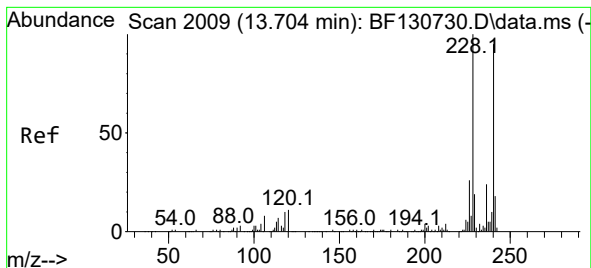
Ion Ratio Lower Upper

248 100

250 188.3 77.0 115.6#

141 468.8 60.1 90.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.704 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF130767.D

Acq: 25 Oct 2022 13:02

Instrument :

BNA_F

ClientSampleId :

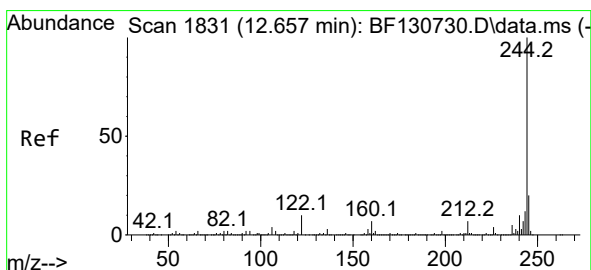
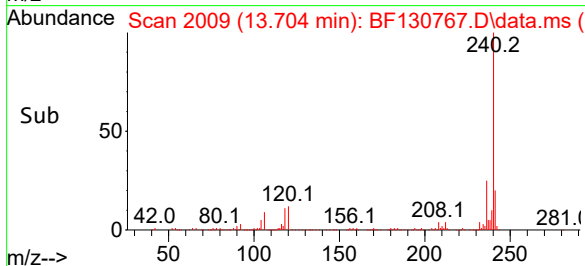
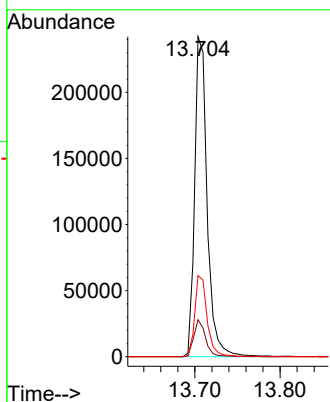
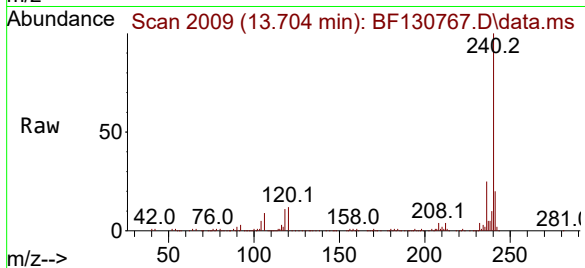
Tgt Ion:240 Resp: 247481

Ion Ratio Lower Upper

240 100

120 11.6 9.6 14.4

236 25.3 20.2 30.2



#79

Terphenyl-d14

Concen: 93.228 ng

RT: 12.657 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF130767.D

Acq: 25 Oct 2022 13:02

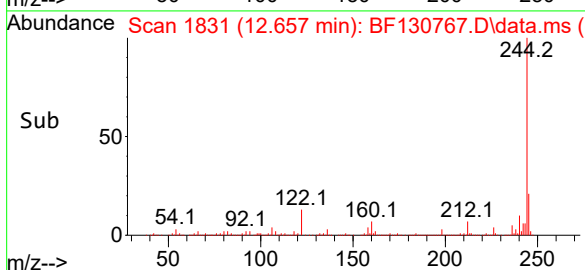
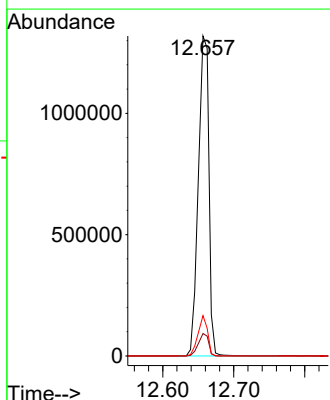
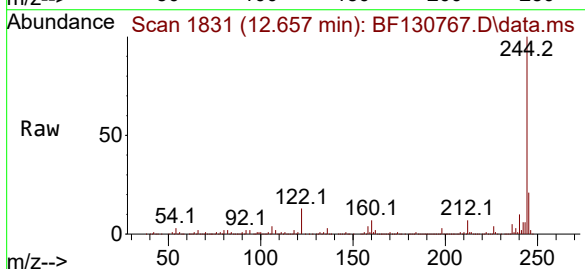
Tgt Ion:244 Resp: 1369117

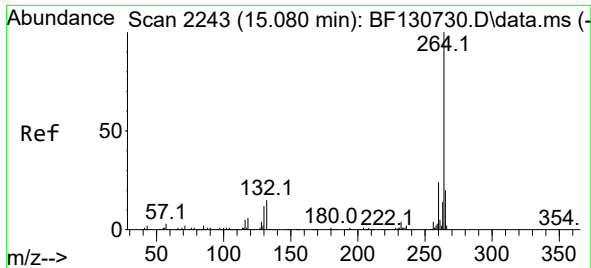
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

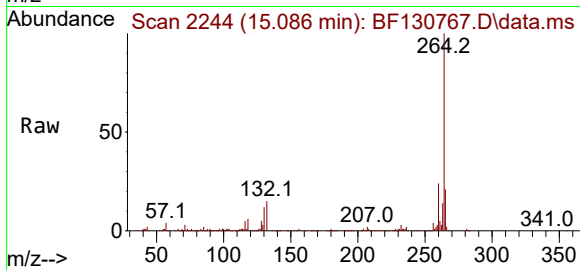
122 12.6 8.2 12.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.086 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF130767.D
 Acq: 25 Oct 2022 13:02

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 189738
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.1 16.2 24.4

