

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
 Data File : BF130771.D
 Acq On : 25 Oct 2022 16:08
 Operator : CG\JU
 Sample : N5222-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 13:48:57 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)

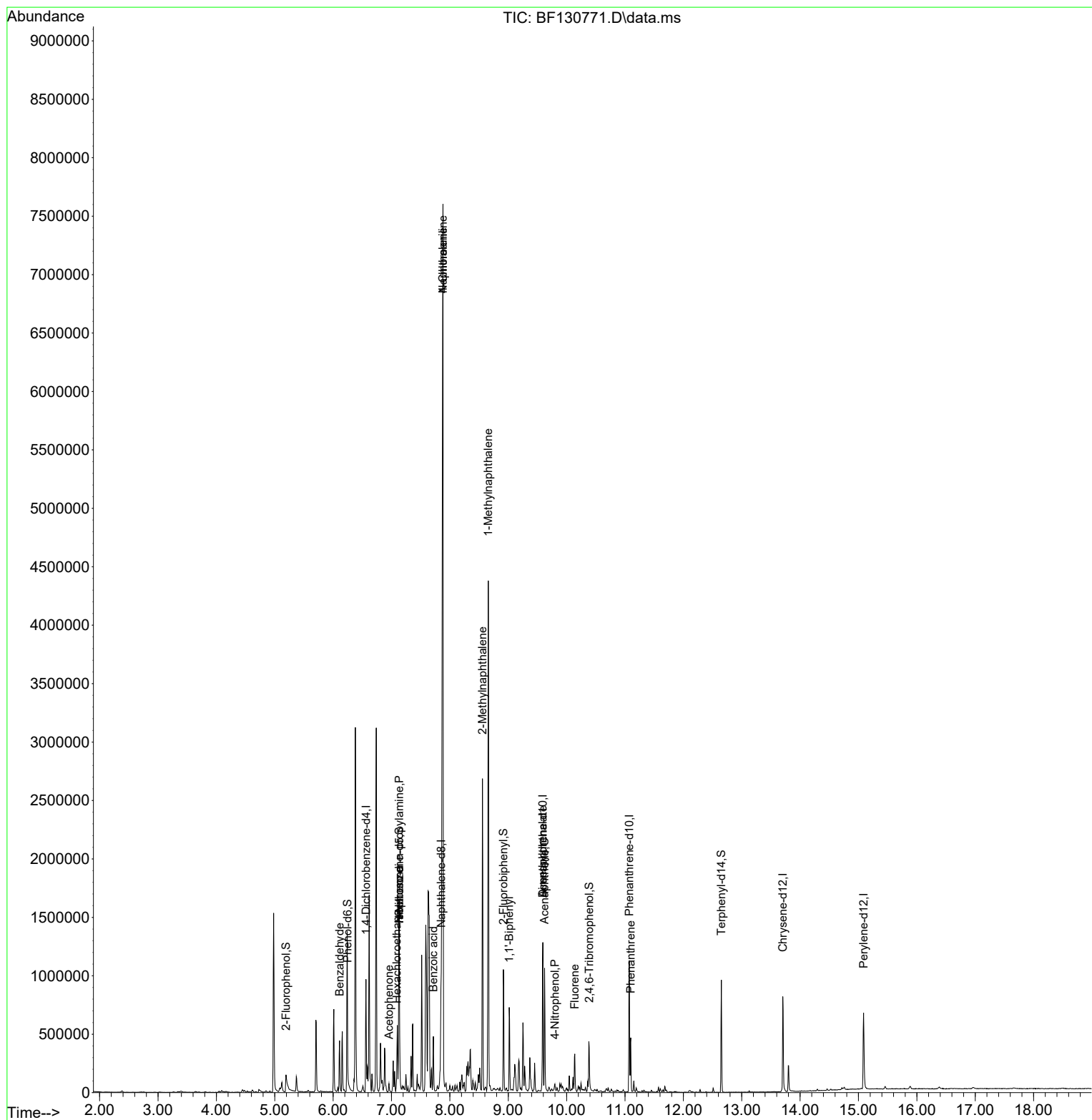
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	145084	20.000	ng	0.00
21) Naphthalene-d8	7.851	136	447363	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	245879	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	421054	20.000	ng	0.00
76) Chrysene-d12	13.704	240	274554	20.000	ng	0.00
86) Perylene-d12	15.086	264	264700	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	106835	12.698	ng	0.03
7) Phenol-d6	6.246	99	83751	8.227	ng	0.02
23) Nitrobenzene-d5	7.134	82	148957	17.663	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	59273	25.349	ng	0.00
45) 2-Fluorobiphenyl	8.916	172	301766	18.703	ng	-0.01
79) Terphenyl-d14	12.651	244	298856	18.343	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.110	77	17500	2.944	ng	# 1
18) Hexachloroethane	7.093	117	49565	12.200	ng	# 1
19) n-Nitroso-di-n-propyla...	7.134	70	19137	2.782	ng	# 86
22) Acetophenone	6.957	105	29360	2.690	ng	# 58
25) Isophorone	7.134	82	148971	10.721	ng	# 65
31) Naphthalene	7.881	128	4301543	186.484	ng	# 96
32) Benzoic acid	7.716	122	1170	6.313	ng	# 1
33) 4-Chloroaniline	7.881	127	605078	68.184	ng	# 33
37) 2-Methylnaphthalene	8.557	142	671519	44.432	ng	# 100
38) 1-Methylnaphthalene	8.657	142	1165944	77.812	ng	# 98
46) 1,1'-Biphenyl	9.016	154	215586	12.571	ng	# 97
50) Dimethylphthalate	9.592	163	46852	2.833	ng	# 1
52) Acenaphthene	9.622	154	201869	15.455	ng	# 100
56) 4-Nitrophenol	9.798	139	5499	11.740	ng	# 10
58) Fluorene	10.139	166	90972	5.441	ng	# 100
71) Phenanthrene	11.098	178	178204	7.718	ng	# 100
77) Benzidine	12.651	184	3927	Below Cal		# 92

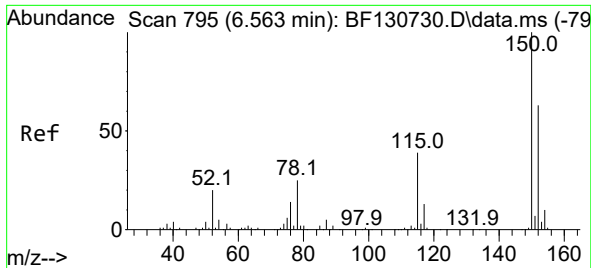
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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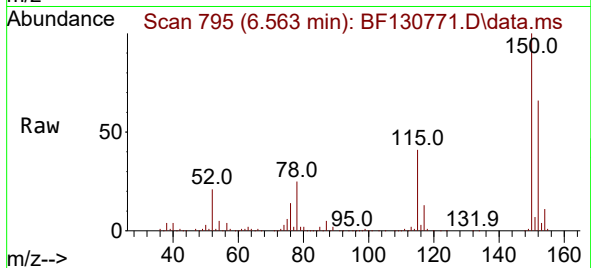
Quant Time: Oct 26 13:48:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 06:12:36 2022
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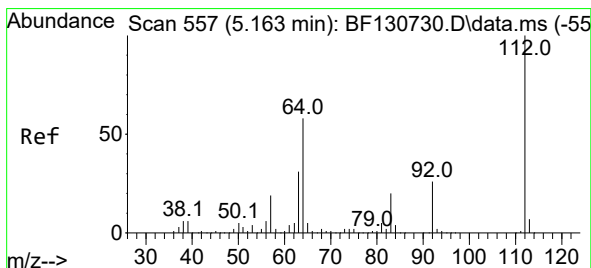
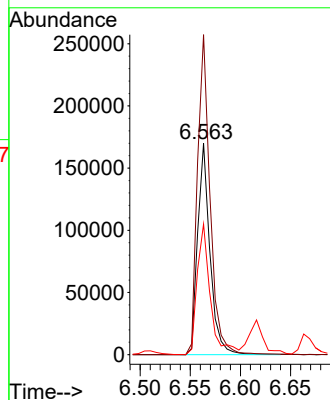
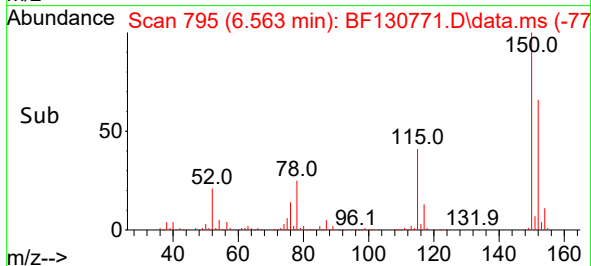


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.563 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF130771.D
 Acq: 25 Oct 2022 16:08

Instrument :
 BNA_F
 ClientSampleId :

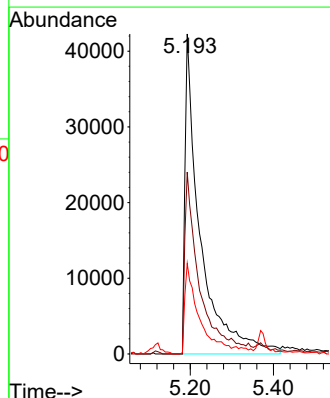
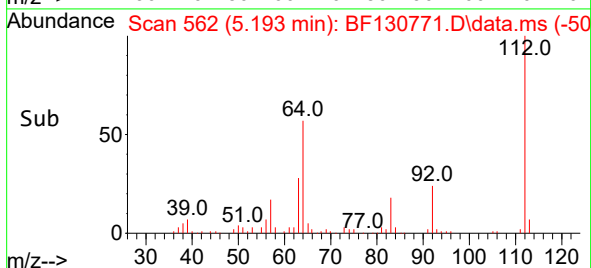
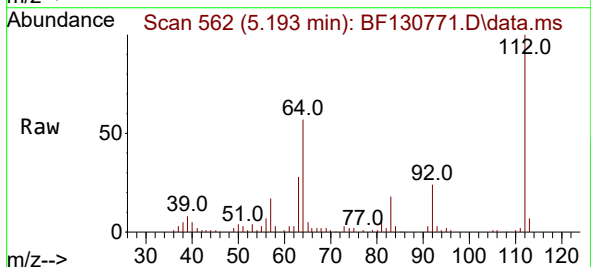


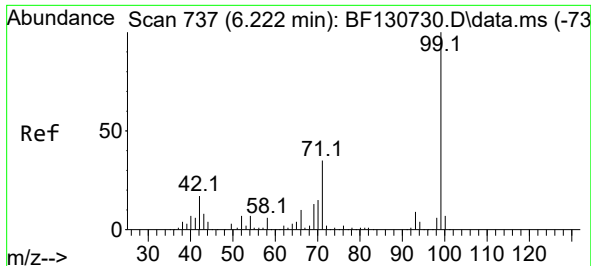
Tgt Ion:152 Resp: 145084
 Ion Ratio Lower Upper
 152 100
 150 151.4 127.0 190.6
 115 61.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 12.698 ng
 RT: 5.193 min Scan# 562
 Delta R.T. 0.030 min
 Lab File: BF130771.D
 Acq: 25 Oct 2022 16:08

Tgt Ion:112 Resp: 106835
 Ion Ratio Lower Upper
 112 100
 64 56.8 46.2 69.4
 63 28.3 25.1 37.7

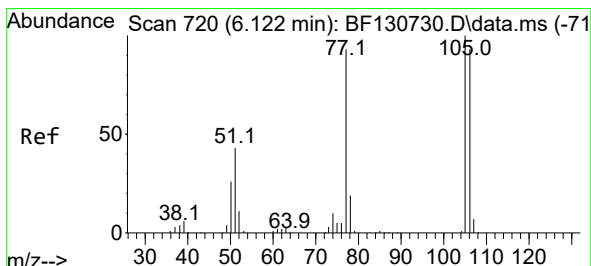
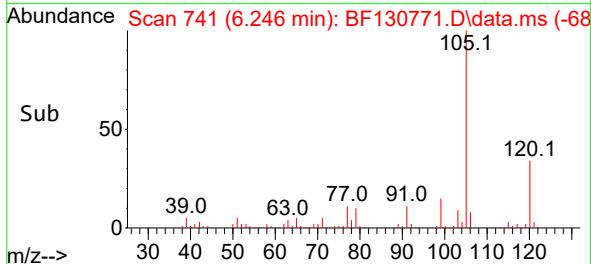
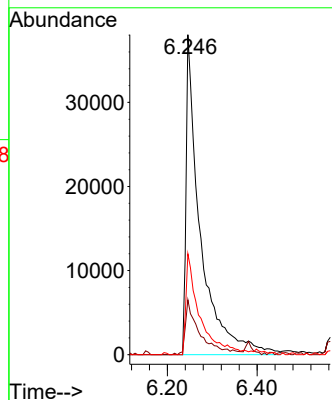
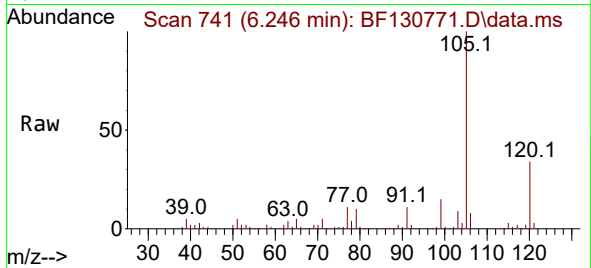




#7
Phenol-d6
Concen: 8.227 ng
RT: 6.246 min Scan# 741
Delta R.T. 0.024 min
Lab File: BF130771.D
Acq: 25 Oct 2022 16:08

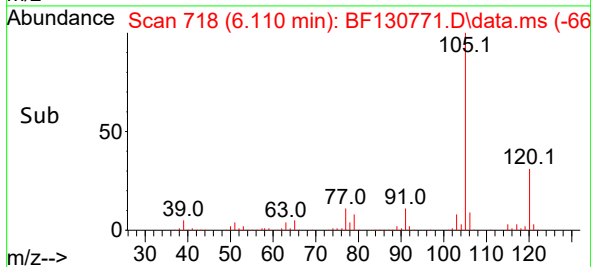
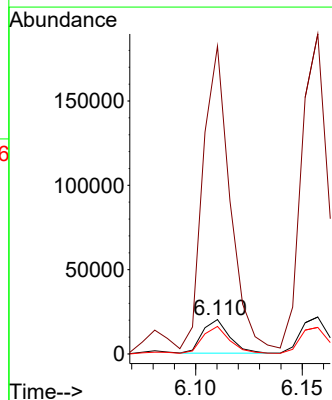
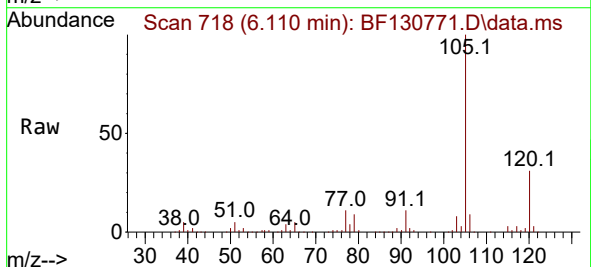
Instrument :
BNA_F
ClientSampleId :

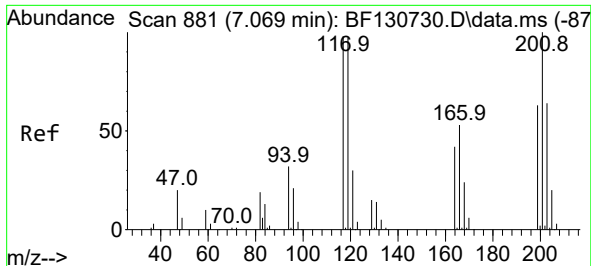
Tgt Ion: 99 Resp: 83751
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.8
71 31.5 28.3 42.5



#9
Benzaldehyde
Concen: 2.944 ng
RT: 6.110 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF130771.D
Acq: 25 Oct 2022 16:08

Tgt Ion: 77 Resp: 17500
Ion Ratio Lower Upper
77 100
105 893.0 87.1 127.1#
106 79.7 79.5 119.5

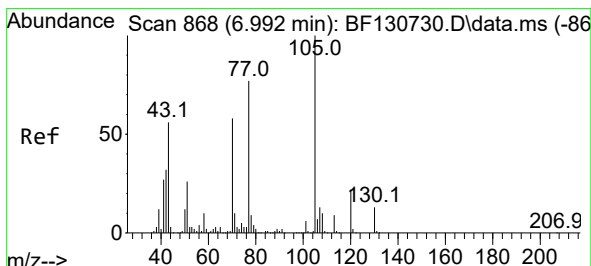
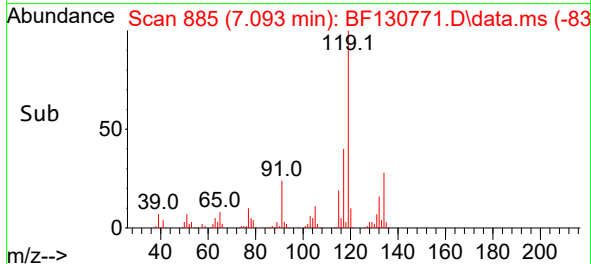
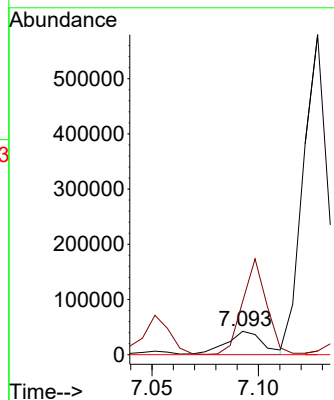
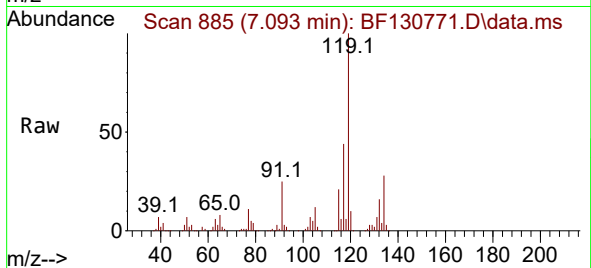




#18
Hexachloroethane
Concen: 12.200 ng
RT: 7.093 min Scan# 811
Delta R.T. 0.024 min
Lab File: BF130771.D
Acq: 25 Oct 2022 16:08

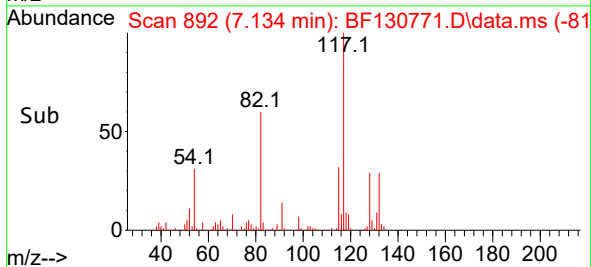
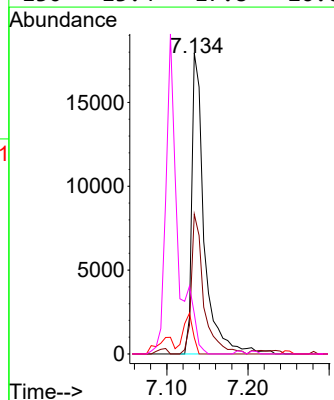
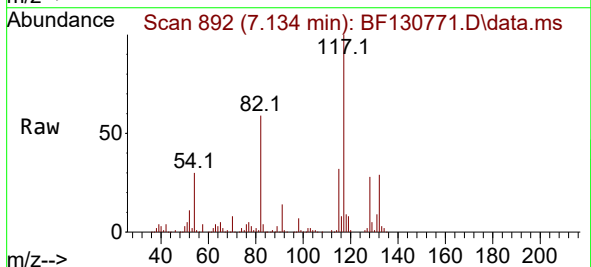
Instrument :
BNA_F
ClientSampleId :

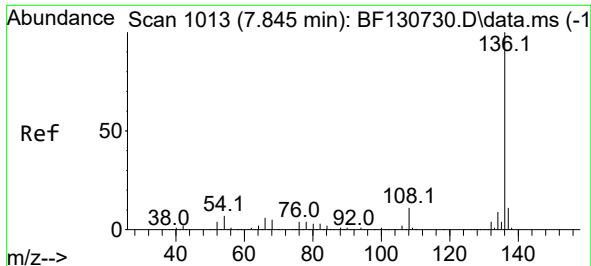
Tgt Ion:117 Resp: 49565
Ion Ratio Lower Upper
117 100
119 226.1 79.1 118.7#
201 0.0 81.5 122.3#



#19
n-Nitroso-di-n-propylamine
Concen: 2.782 ng
RT: 7.134 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF130771.D
Acq: 25 Oct 2022 16:08

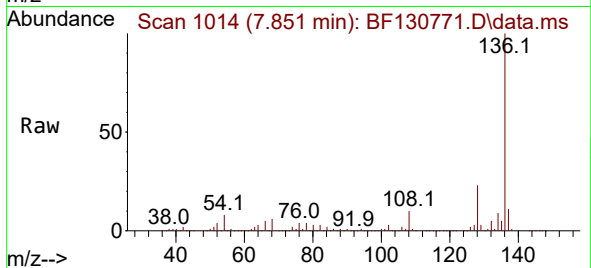
Tgt Ion: 70 Resp: 19137
Ion Ratio Lower Upper
70 100
42 46.4 44.1 66.1
101 5.4 8.3 12.5#
130 13.4 17.8 26.6#



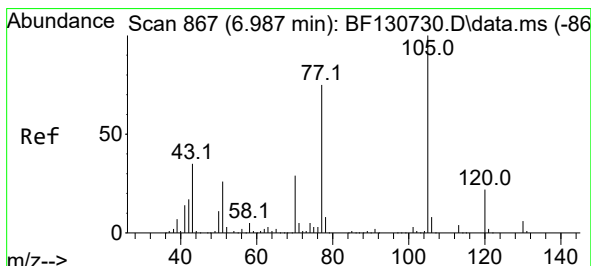
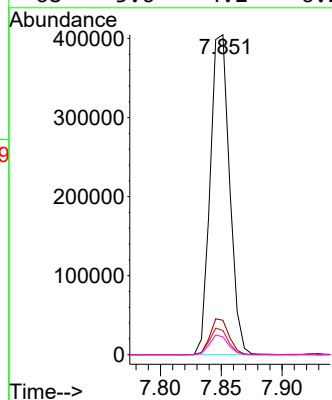
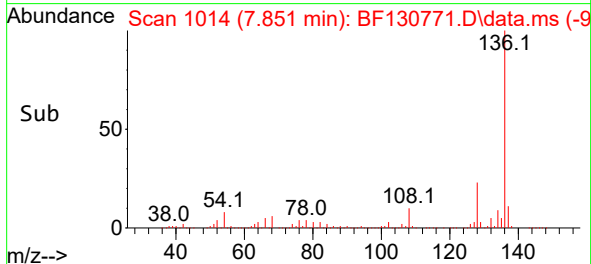


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.851 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF130771.D
Acq: 25 Oct 2022 16:08

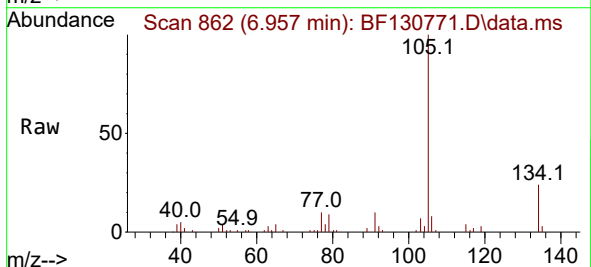
Instrument :
BNA_F
ClientSampleId :



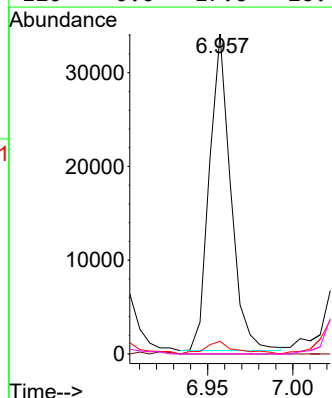
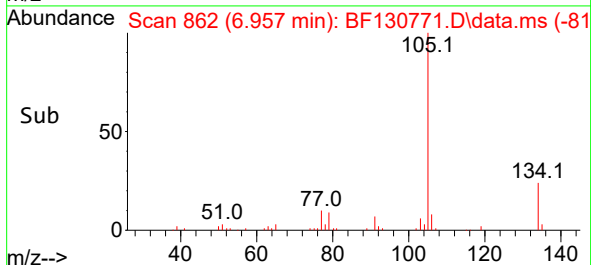
Tgt Ion:136 Resp: 447363
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 7.6 5.8 8.8
68 5.6 4.2 6.2

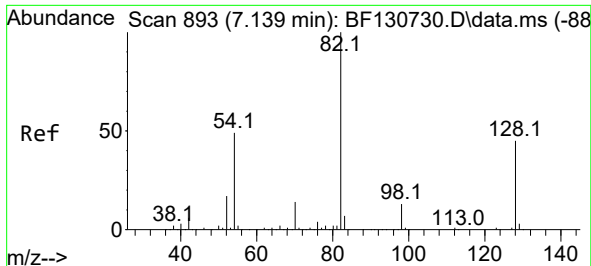


#22
Acetophenone
Concen: 2.690 ng
RT: 6.957 min Scan# 862
Delta R.T. -0.029 min
Lab File: BF130771.D
Acq: 25 Oct 2022 16:08



Tgt Ion:105 Resp: 29360
Ion Ratio Lower Upper
105 100
71 0.0 3.9 5.9#
51 3.9 21.0 31.4#
120 0.0 17.6 26.4#





#23

Nitrobenzene-d5

Concen: 17.663 ng

RT: 7.134 min Scan# 892

Delta R.T. -0.005 min

Lab File: BF130771.D

Acq: 25 Oct 2022 16:08

Instrument :

BNA_F

ClientSampleId :

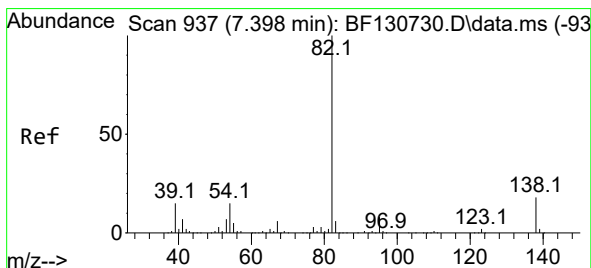
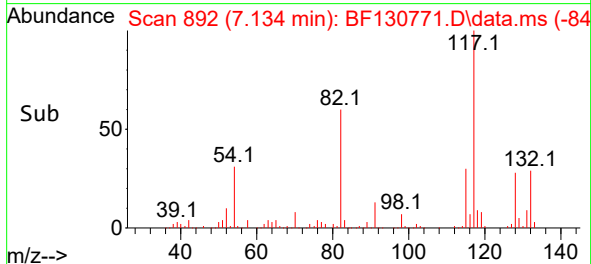
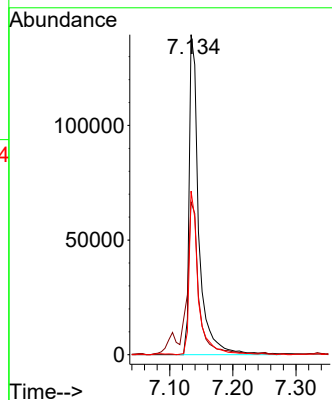
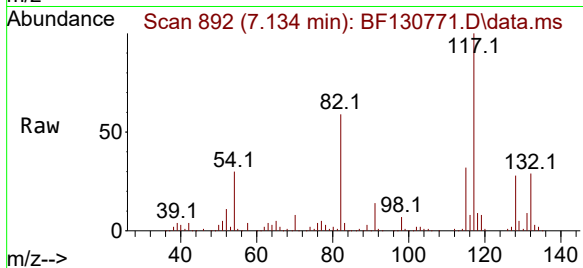
Tgt Ion: 82 Resp: 148957

Ion Ratio Lower Upper

82 100

128 47.7 35.9 53.9

54 51.1 39.2 58.8



#25

Isophorone

Concen: 10.721 ng

RT: 7.134 min Scan# 892

Delta R.T. -0.265 min

Lab File: BF130771.D

Acq: 25 Oct 2022 16:08

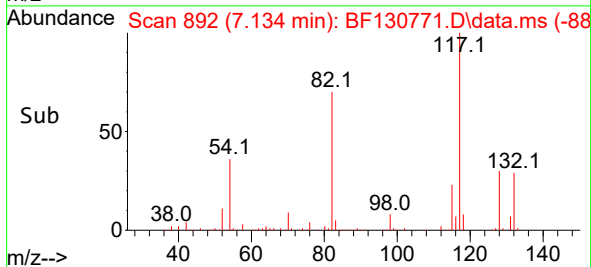
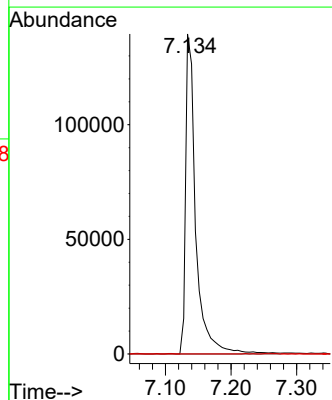
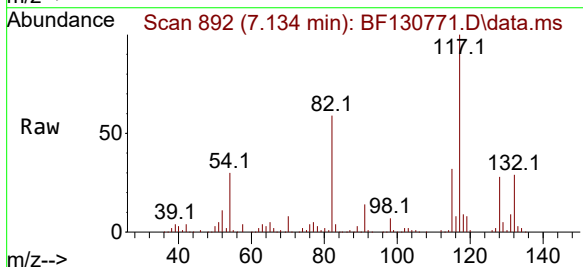
Tgt Ion: 82 Resp: 148971

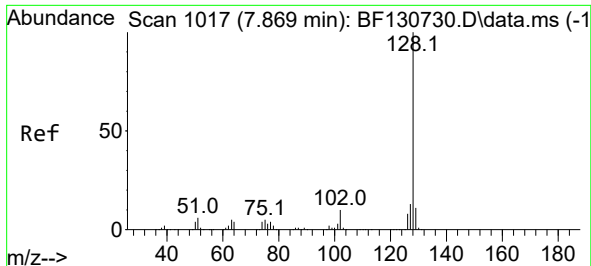
Ion Ratio Lower Upper

82 100

95 0.0 6.3 9.5#

138 0.0 14.6 21.8#

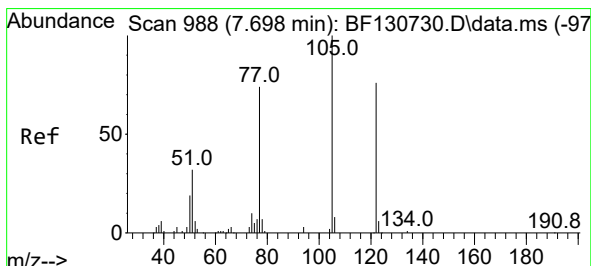
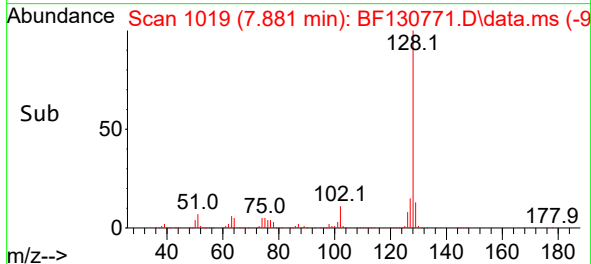
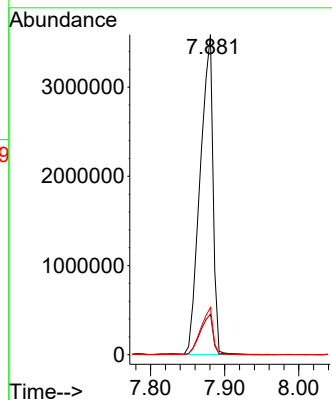
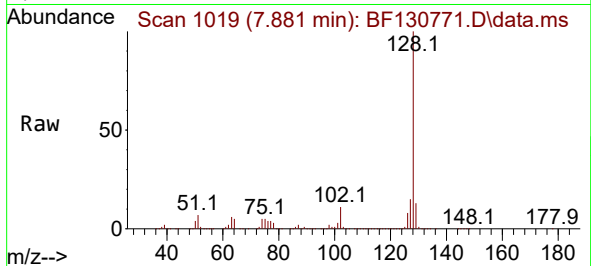




#31
Naphthalene
Concen: 186.484 ng
RT: 7.881 min Scan# 1017
Delta R.T. 0.012 min
Lab File: BF130771.D
Acq: 25 Oct 2022 16:08

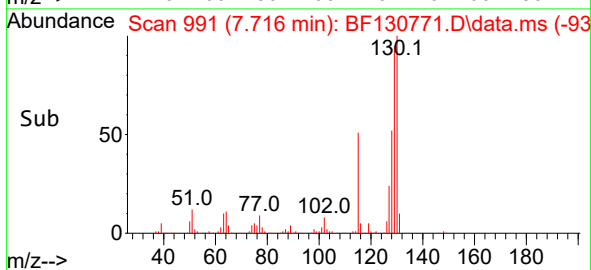
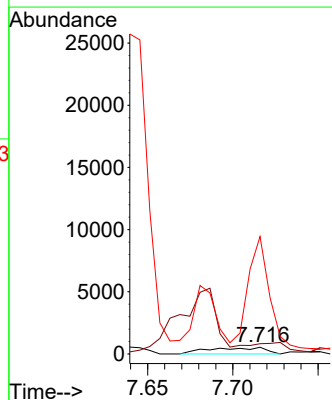
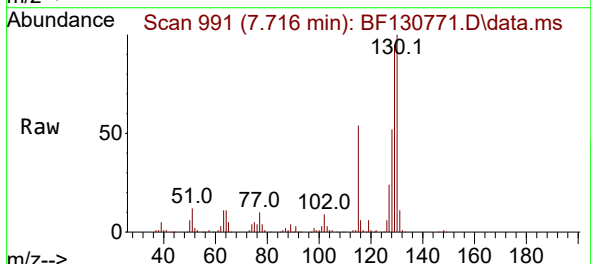
Instrument :
BNA_F
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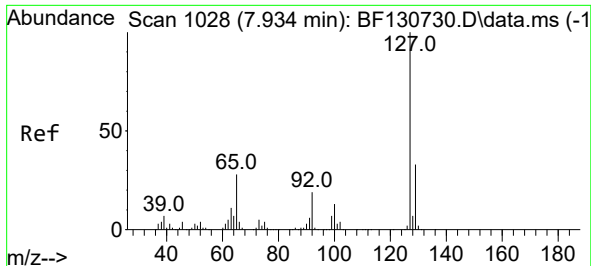
Tgt Ion:128 Resp: 4301543
Ion Ratio Lower Upper
128 100
129 12.6 8.9 13.3
127 14.7 10.6 16.0



#32
Benzoic acid
Concen: 6.313 ng
RT: 7.716 min Scan# 991
Delta R.T. 0.018 min
Lab File: BF130771.D
Acq: 25 Oct 2022 16:08

Tgt Ion:122 Resp: 1170
Ion Ratio Lower Upper
122 100
105 151.6 109.2 149.2#
77 1728.9 75.7 115.7#

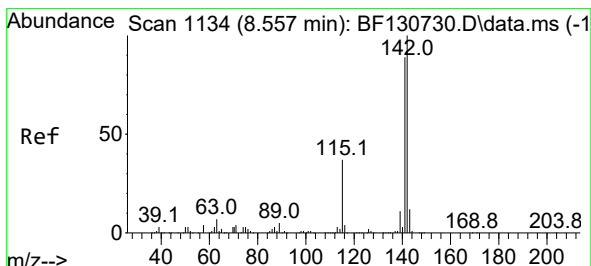
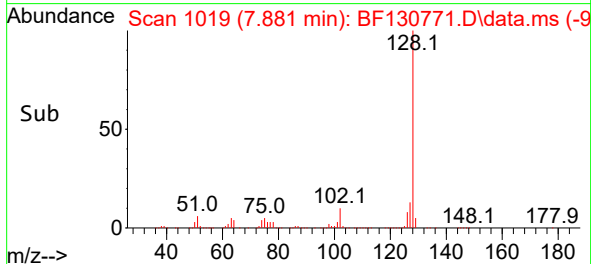
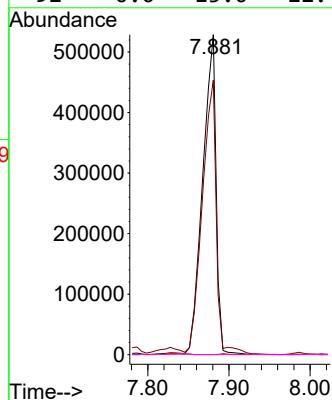
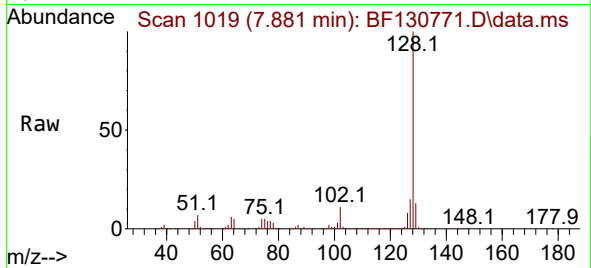




#33
4-Chloroaniline
Concen: 68.184 ng
RT: 7.881 min Scan# 1019
Delta R.T. -0.053 min
Lab File: BF130771.D
Acq: 25 Oct 2022 16:08

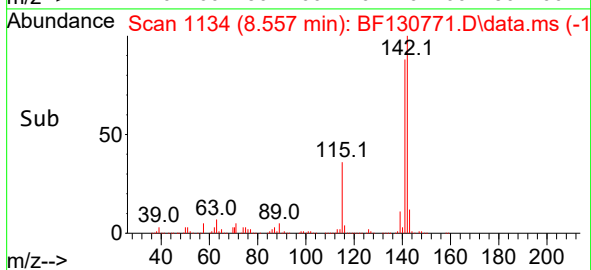
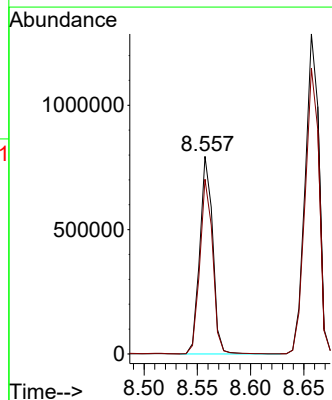
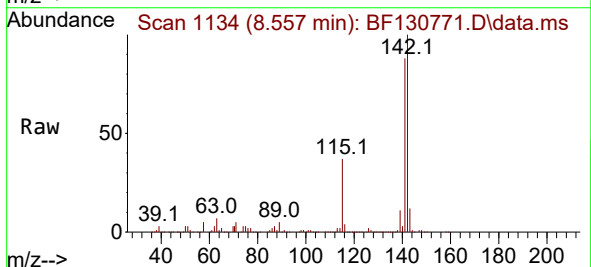
Instrument :
BNA_F
ClientSampleId :

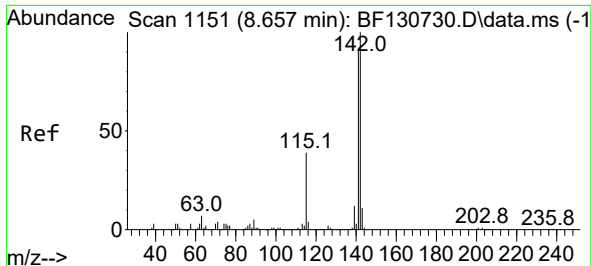
Tgt Ion:127 Resp: 605078
Ion Ratio Lower Upper
127 100
129 85.8 26.2 39.4#
65 0.0 22.6 33.8#
92 0.0 15.0 22.4#



#37
2-Methylnaphthalene
Concen: 44.432 ng
RT: 8.557 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF130771.D
Acq: 25 Oct 2022 16:08

Tgt Ion:142 Resp: 671519
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.4





#38

1-Methylnaphthalene

Concen: 77.812 ng

RT: 8.657 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF130771.D

Acq: 25 Oct 2022 16:08

Instrument :

BNA_F

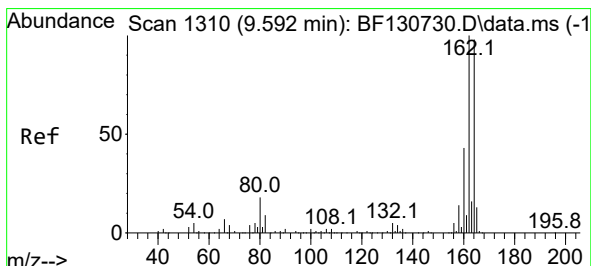
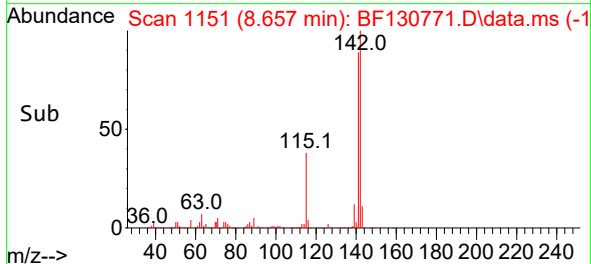
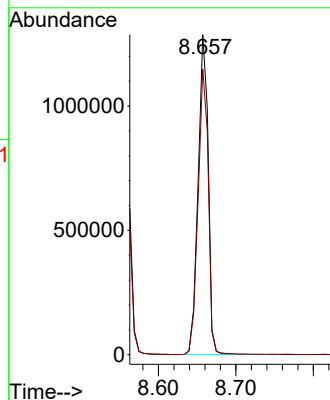
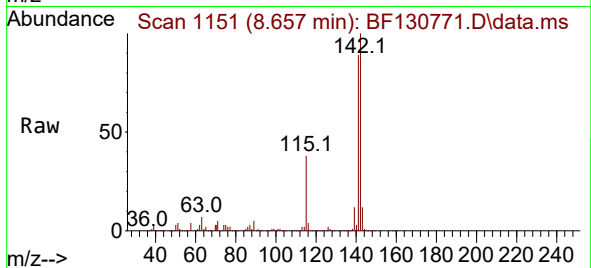
ClientSampleId :

Tgt Ion:142 Resp: 1165944

Ion Ratio Lower Upper

142 100

141 89.3 73.0 109.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.592 min Scan# 1310

Delta R.T. 0.000 min

Lab File: BF130771.D

Acq: 25 Oct 2022 16:08

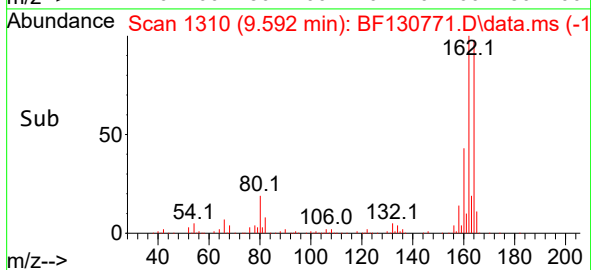
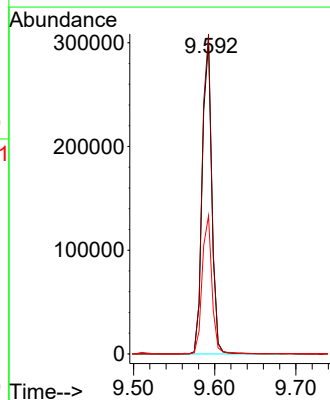
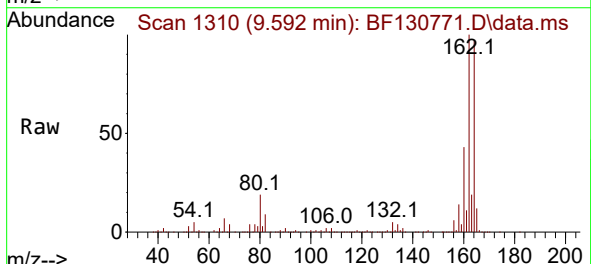
Tgt Ion:164 Resp: 245879

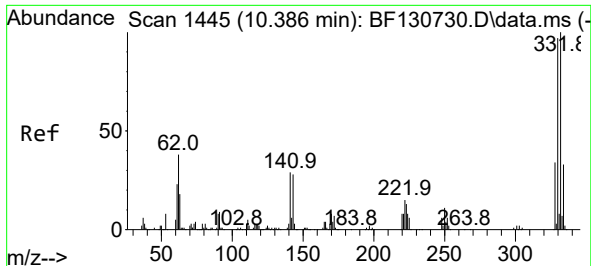
Ion Ratio Lower Upper

164 100

162 102.7 81.4 122.0

160 44.3 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 25.349 ng

RT: 10.386 min Scan# 1445

Delta R.T. 0.000 min

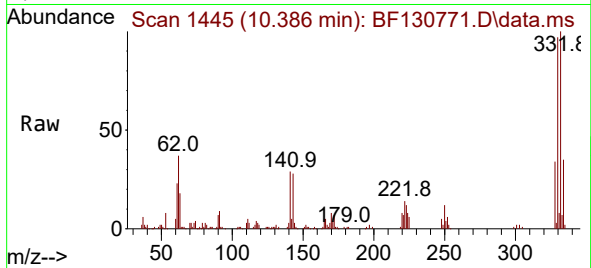
Lab File: BF130771.D

Acq: 25 Oct 2022 16:08

Instrument :

BNA_F

ClientSampleId :



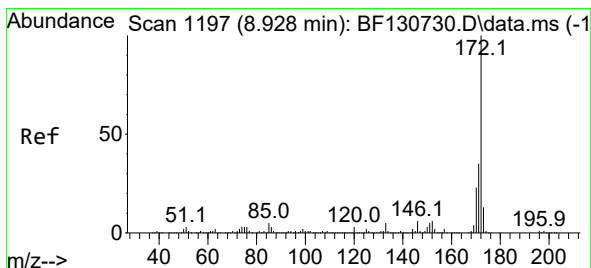
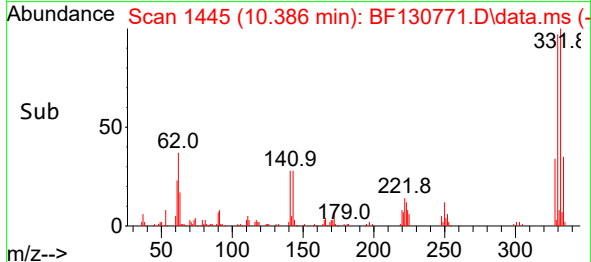
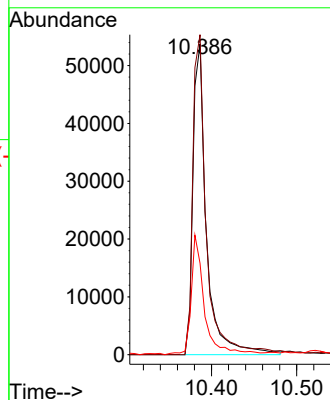
Tgt Ion:330 Resp: 59273

Ion Ratio Lower Upper

330 100

332 104.9 81.4 122.2

141 37.4 24.6 37.0#



#45

2-Fluorobiphenyl

Concen: 18.703 ng

RT: 8.916 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF130771.D

Acq: 25 Oct 2022 16:08

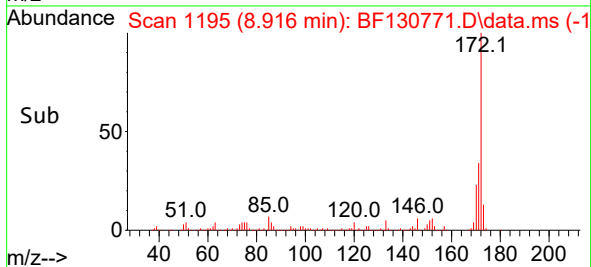
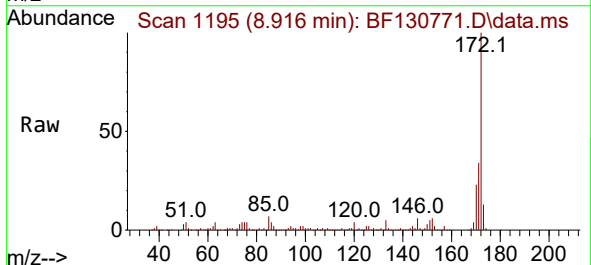
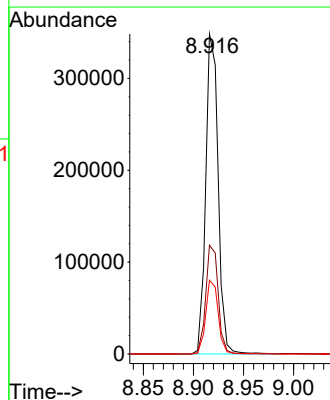
Tgt Ion:172 Resp: 301766

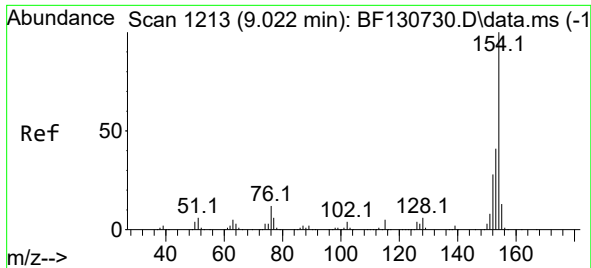
Ion Ratio Lower Upper

172 100

171 34.0 28.2 42.2

170 23.1 18.5 27.7





#46

1,1'-Biphenyl

Concen: 12.571 ng

RT: 9.016 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130771.D

Acq: 25 Oct 2022 16:08

Instrument :

BNA_F

ClientSampleId :

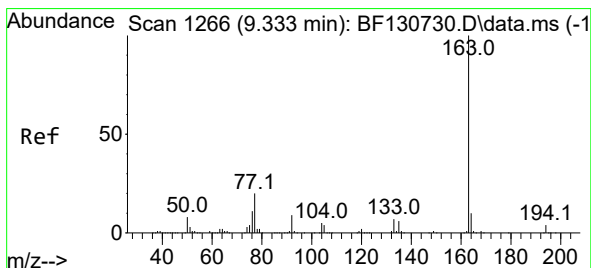
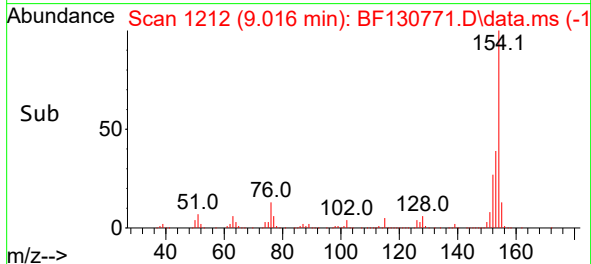
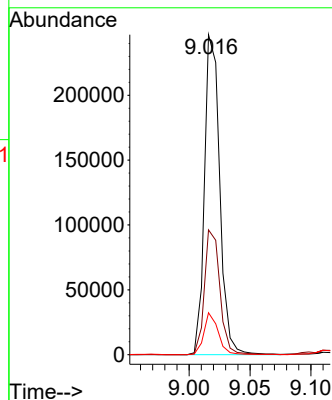
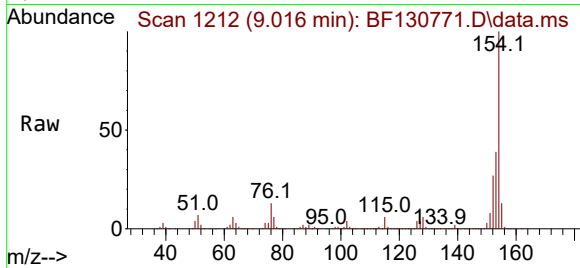
Tgt Ion:154 Resp: 215586

Ion Ratio Lower Upper

154 100

153 39.0 20.7 60.7

76 13.1 0.0 31.7



#50

Dimethylphthalate

Concen: 2.833 ng

RT: 9.592 min Scan# 1310

Delta R.T. 0.259 min

Lab File: BF130771.D

Acq: 25 Oct 2022 16:08

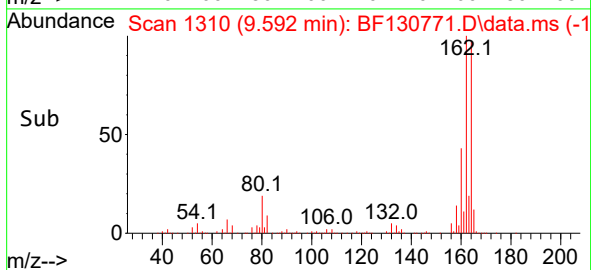
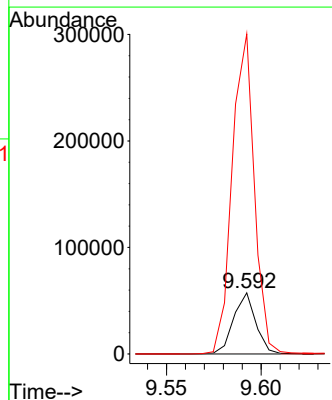
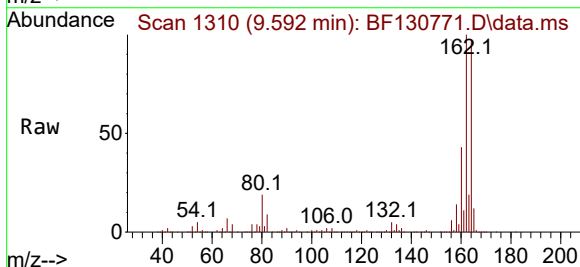
Tgt Ion:163 Resp: 46852

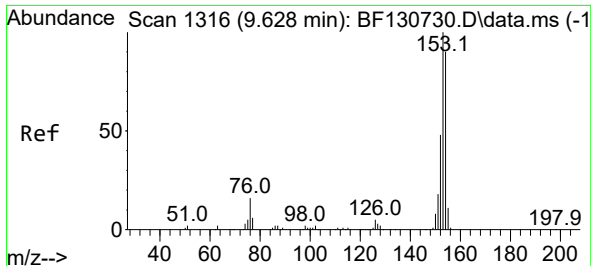
Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 523.0 8.1 12.1#

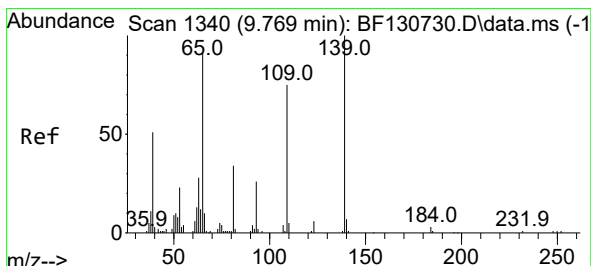
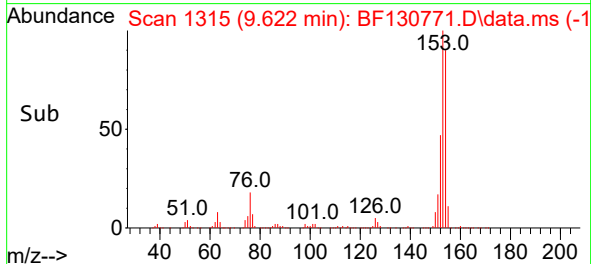
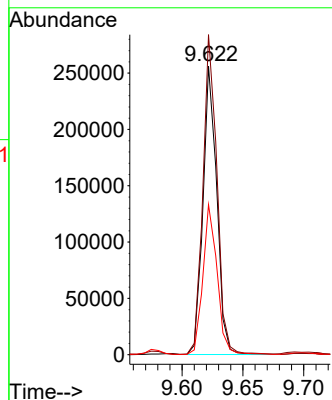
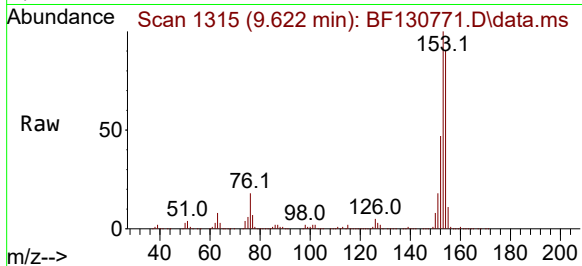




#52
Acenaphthene
Concen: 15.455 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130771.D
Acq: 25 Oct 2022 16:08

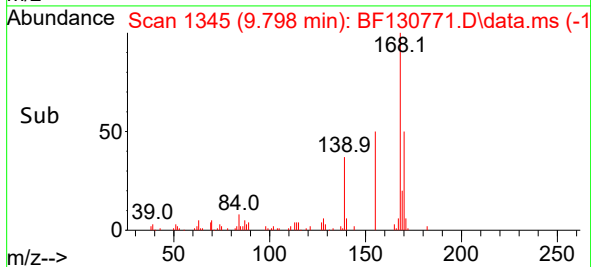
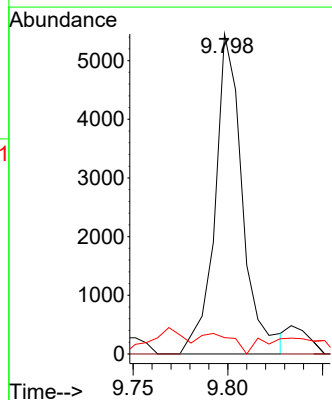
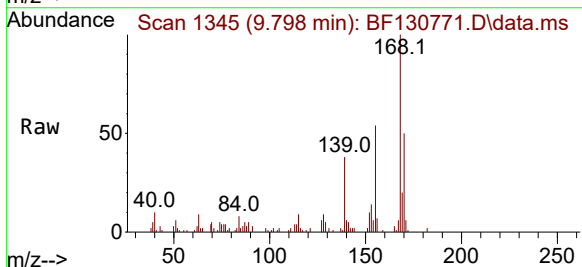
Instrument :
BNA_F
ClientSampleId :

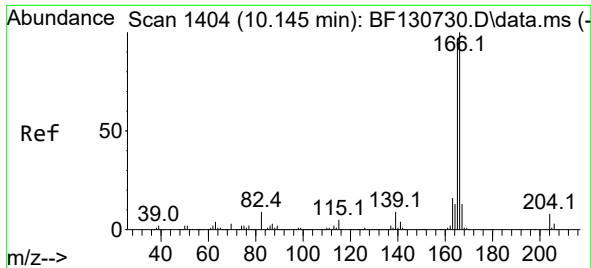
Tgt Ion:154 Resp: 201869
Ion Ratio Lower Upper
154 100
153 110.9 88.4 132.6
152 52.0 42.0 63.0



#56
4-Nitrophenol
Concen: 11.740 ng
RT: 9.798 min Scan# 1345
Delta R.T. 0.029 min
Lab File: BF130771.D
Acq: 25 Oct 2022 16:08

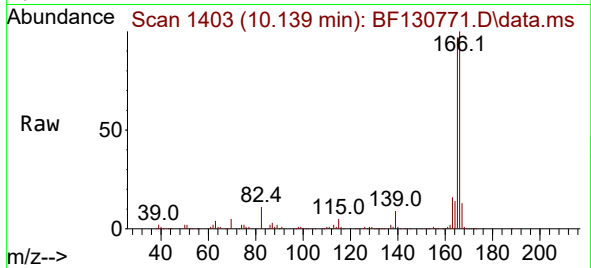
Tgt Ion:139 Resp: 5499
Ion Ratio Lower Upper
139 100
109 0.0 55.1 95.1#
65 5.1 72.2 112.2#



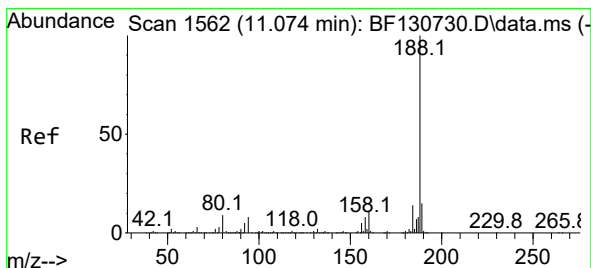
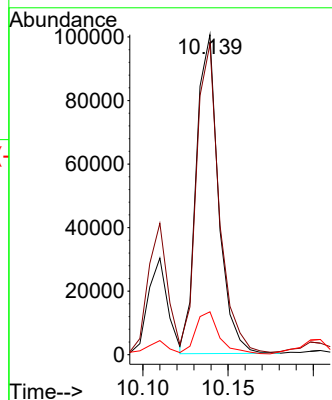
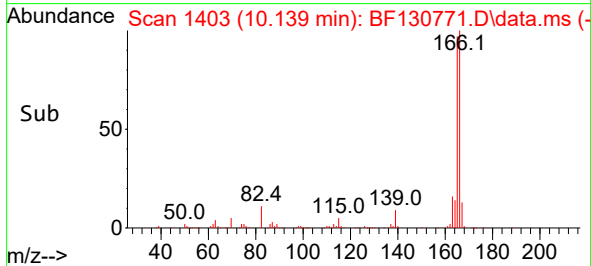


#58
 Fluorene
 Concen: 5.441 ng
 RT: 10.139 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: BF130771.D
 Acq: 25 Oct 2022 16:08

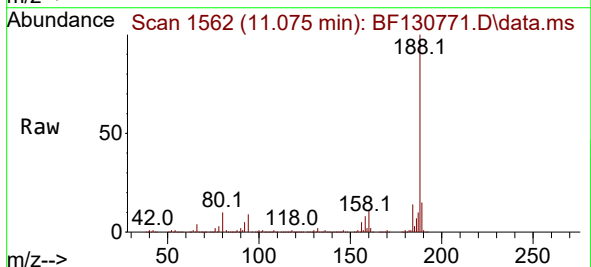
Instrument :
 BNA_F
 ClientSampleId :



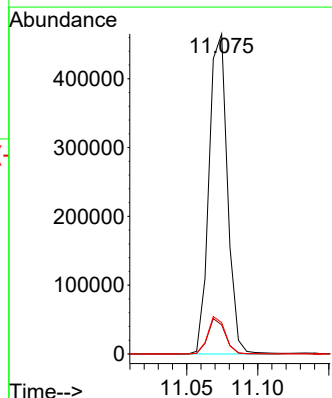
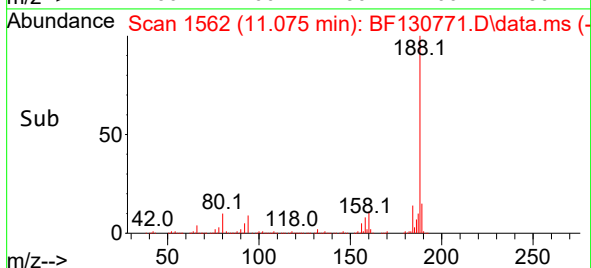
Tgt Ion:166 Resp: 90972
 Ion Ratio Lower Upper
 166 100
 165 97.1 77.6 116.4
 167 13.4 10.3 15.5

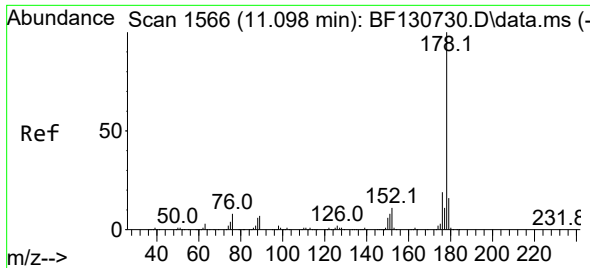


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.075 min Scan# 1562
 Delta R.T. 0.000 min
 Lab File: BF130771.D
 Acq: 25 Oct 2022 16:08



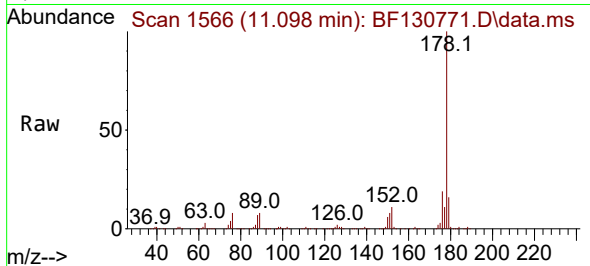
Tgt Ion:188 Resp: 421054
 Ion Ratio Lower Upper
 188 100
 94 9.1 6.7 10.1
 80 9.8 7.4 11.0



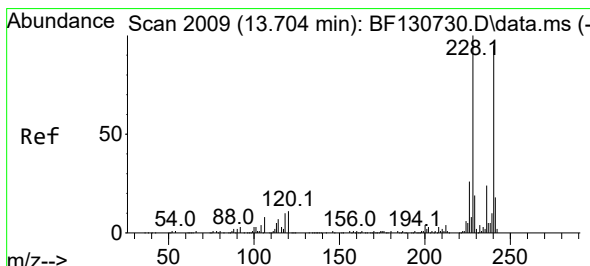
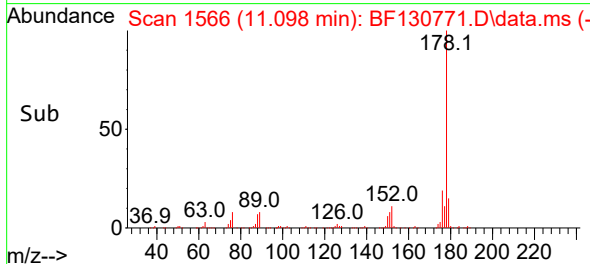
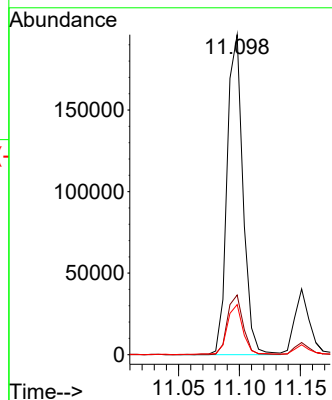


#71
Phenanthrene
Concen: 7.718 ng
RT: 11.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130771.D
Acq: 25 Oct 2022 16:08

Instrument :
BNA_F
ClientSampleId :

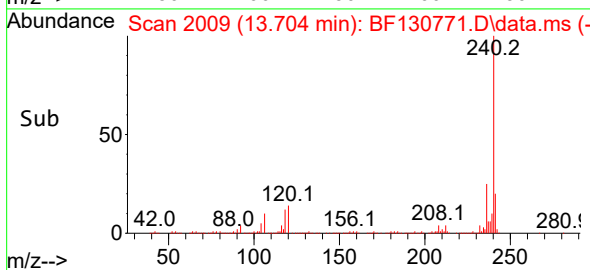
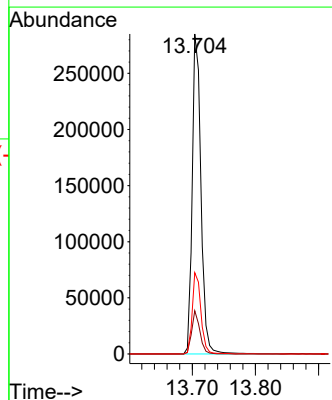
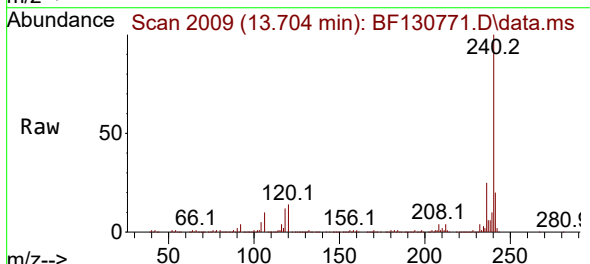


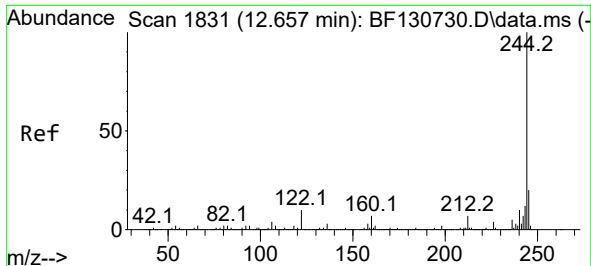
Tgt Ion:178 Resp: 178204
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.7 12.4 18.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.704 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF130771.D
Acq: 25 Oct 2022 16:08

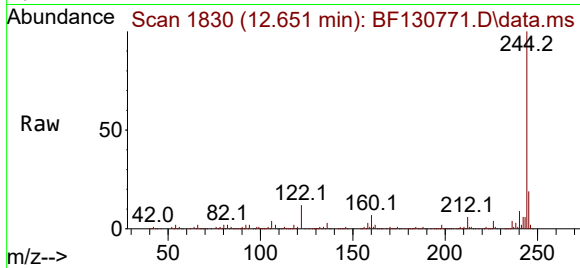
Tgt Ion:240 Resp: 274554
Ion Ratio Lower Upper
240 100
120 13.5 9.6 14.4
236 25.4 20.2 30.2



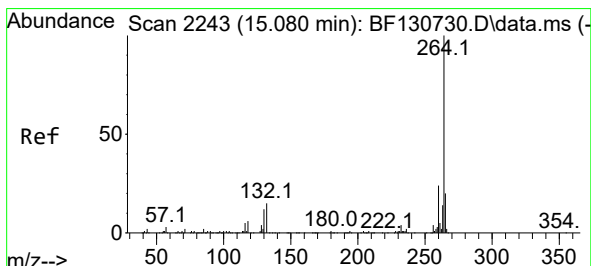
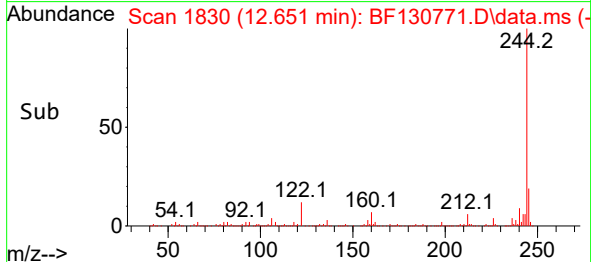
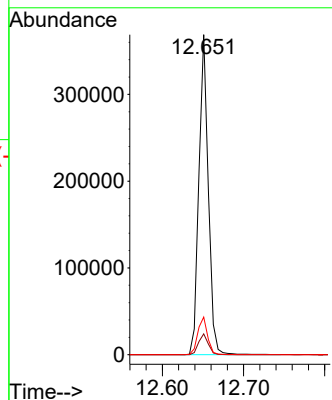


#79
 Terphenyl-d14
 Concen: 18.343 ng
 RT: 12.651 min Scan# 1830
 Delta R.T. -0.006 min
 Lab File: BF130771.D
 Acq: 25 Oct 2022 16:08

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 298856
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 11.8 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: BF130771.D
 Acq: 25 Oct 2022 16:08

Tgt Ion:264 Resp: 264700
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.2 16.2 24.4

