

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
 Data File : BF130770.D
 Acq On : 25 Oct 2022 15:01
 Operator : CG\JU
 Sample : N5189-02DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 13:48:43 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)

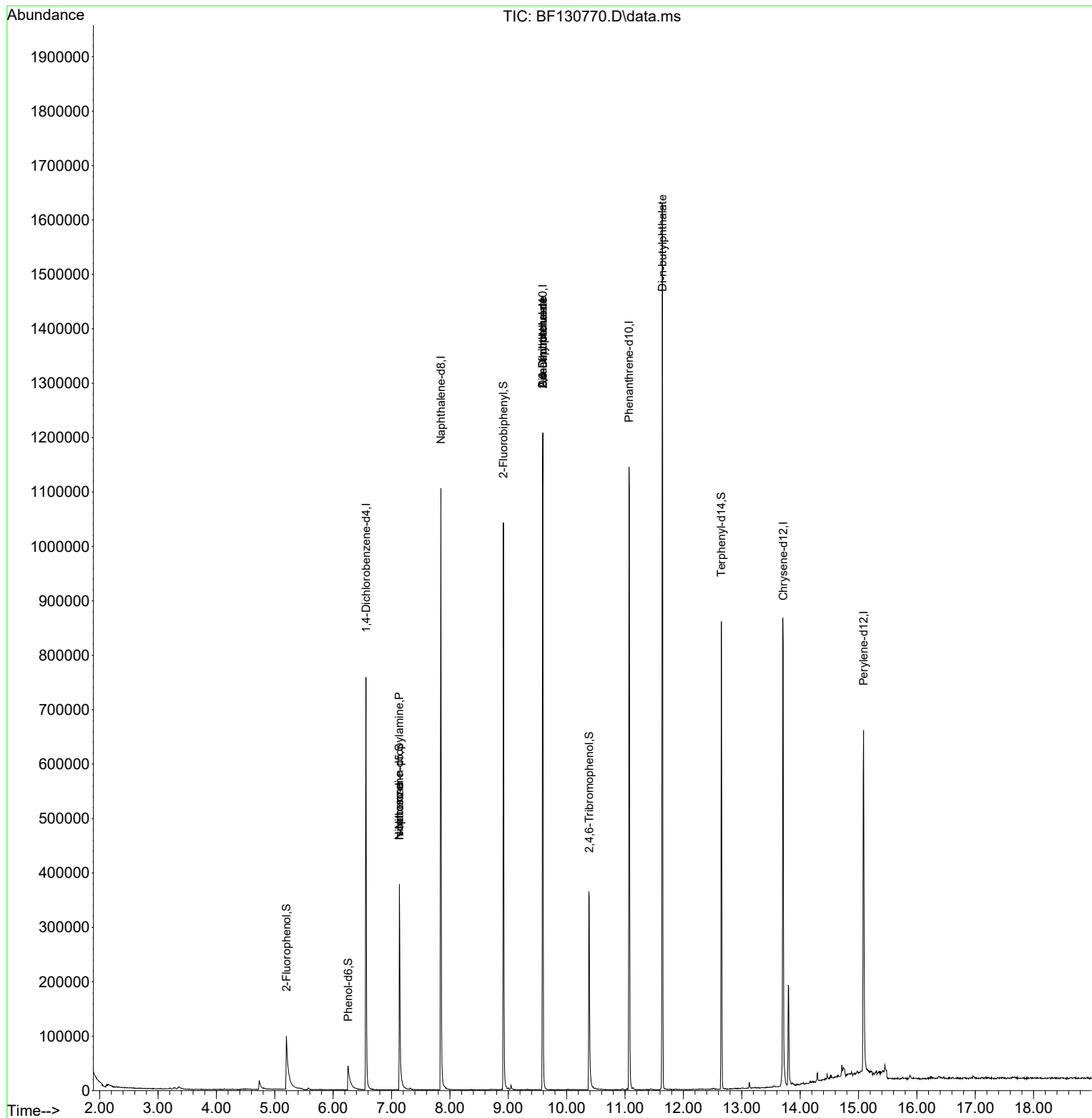
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	115988	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	480495	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	253514	20.000	ng	0.00
64) Phenanthrene-d10	11.069	188	438992	20.000	ng	# 0.00
76) Chrysene-d12	13.710	240	300783	20.000	ng	0.00
86) Perylene-d12	15.086	264	264912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.198	112	72498	10.778	ng	0.04
7) Phenol-d6	6.257	99	46221	5.679	ng	0.04
23) Nitrobenzene-d5	7.134	82	144434	15.946	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	55324	22.947	ng	0.00
45) 2-Fluorobiphenyl	8.916	172	297576	17.888	ng	-0.01
79) Terphenyl-d14	12.651	244	267273	14.974	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.134	70	18833	3.425	ng	# 77
25) Isophorone	7.134	82	144434	9.678	ng	# 65
50) Dimethylphthalate	9.592	163	47415	2.781	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	32540	8.521	ng	# 30
57) 2,4-Dinitrotoluene	9.592	165	32540	6.326	ng	# 28
74) Di-n-butylphthalate	11.639	149	788304	28.897	ng	99
77) Benzidine	12.651	184	3709	Below Cal	#	95

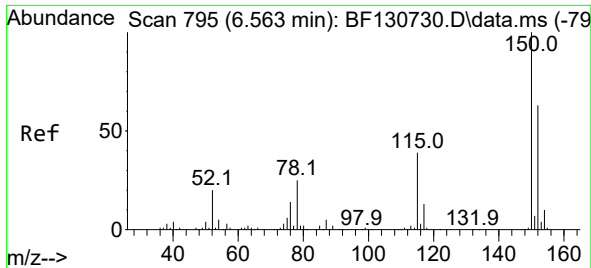
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
Data File : BF130770.D
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Misc :
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ClientSampleId :

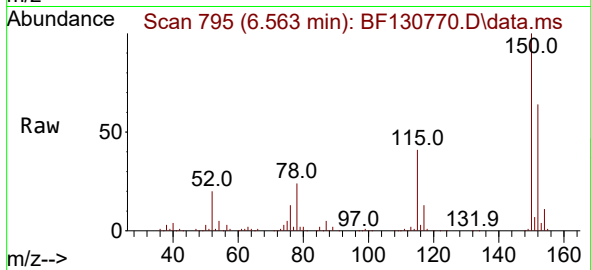
Quant Time: Oct 26 13:48:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 06:12:36 2022
Response via : Initial Calibration



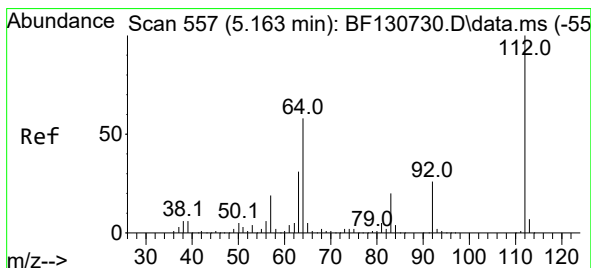
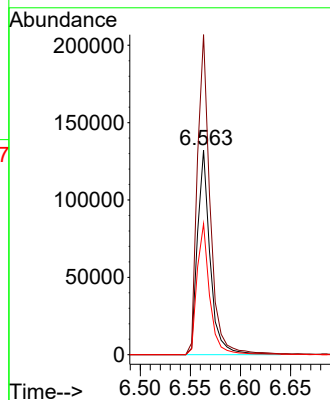
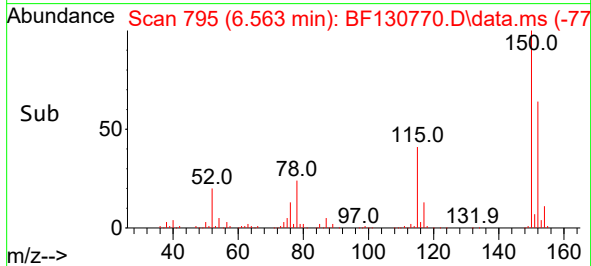


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.563 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF130770.D
 Acq: 25 Oct 2022 15:01

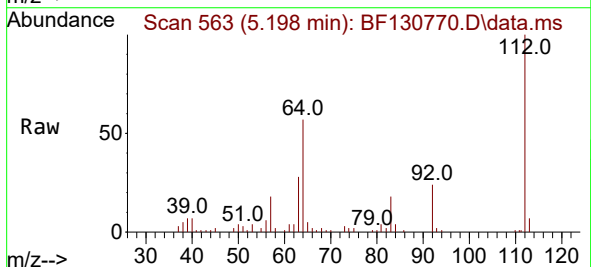
Instrument :
 BNA_F
 ClientSampleId :



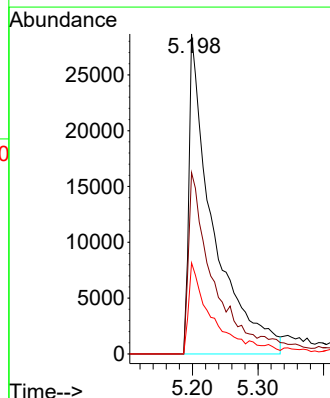
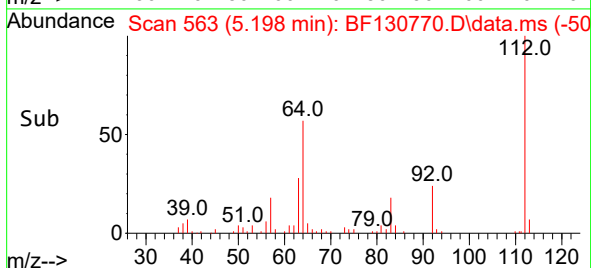
Tgt Ion:152 Resp: 115988
 Ion Ratio Lower Upper
 152 100
 150 156.4 127.0 190.6
 115 64.0 49.9 74.9

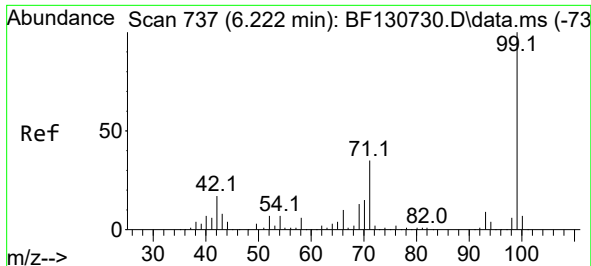


#5
 2-Fluorophenol
 Concen: 10.778 ng
 RT: 5.198 min Scan# 563
 Delta R.T. 0.035 min
 Lab File: BF130770.D
 Acq: 25 Oct 2022 15:01



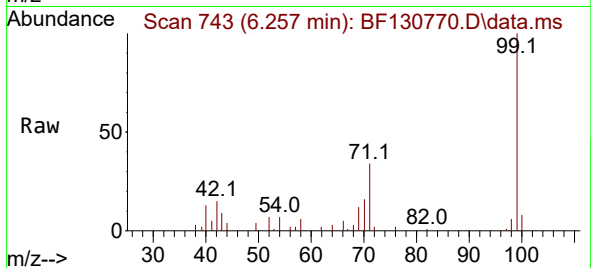
Tgt Ion:112 Resp: 72498
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.2 69.4
 63 28.4 25.1 37.7



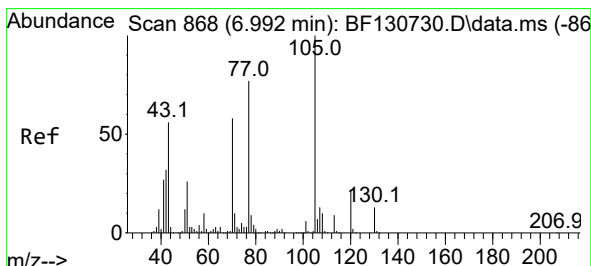
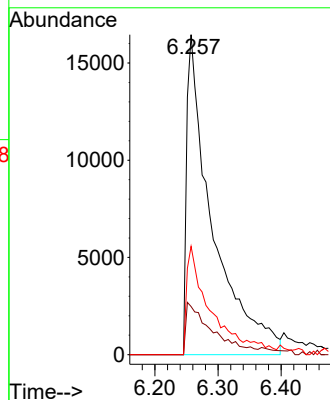
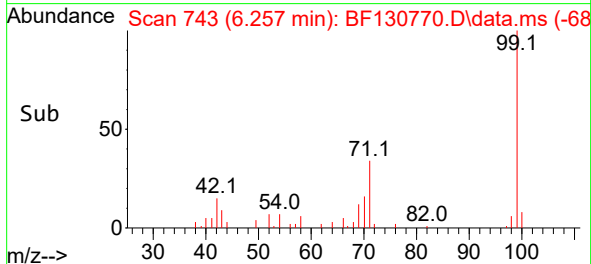


#7
Phenol-d6
Concen: 5.679 ng
RT: 6.257 min Scan# 74
Delta R.T. 0.035 min
Lab File: BF130770.D
Acq: 25 Oct 2022 15:01

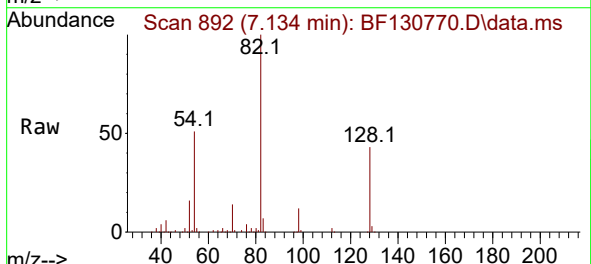
Instrument :
BNA_F
ClientSampleId :



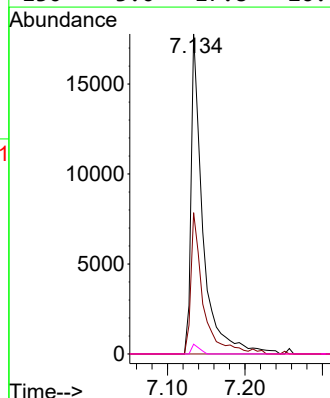
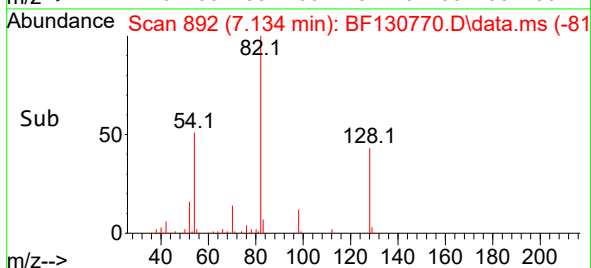
Tgt Ion: 99 Resp: 46221
Ion Ratio Lower Upper
99 100
42 15.0 13.8 20.8
71 33.9 28.3 42.5

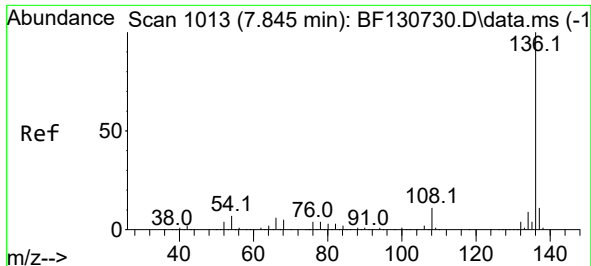


#19
n-Nitroso-di-n-propylamine
Concen: 3.425 ng
RT: 7.134 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF130770.D
Acq: 25 Oct 2022 15:01



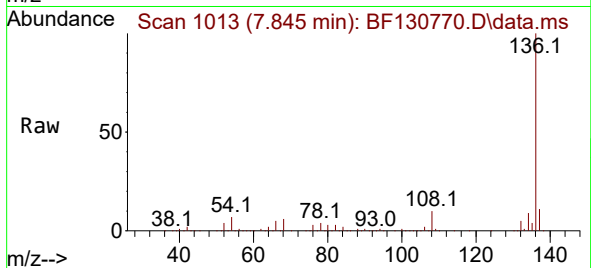
Tgt Ion: 70 Resp: 18833
Ion Ratio Lower Upper
70 100
42 44.2 44.1 66.1
101 0.0 8.3 12.5#
130 3.0 17.8 26.6#



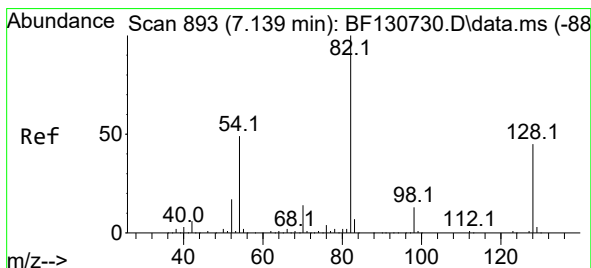
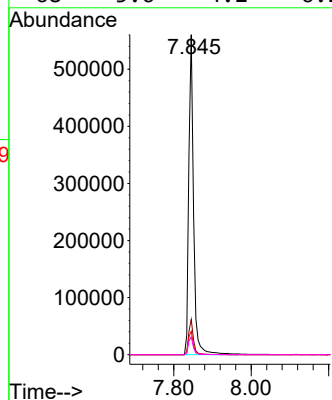
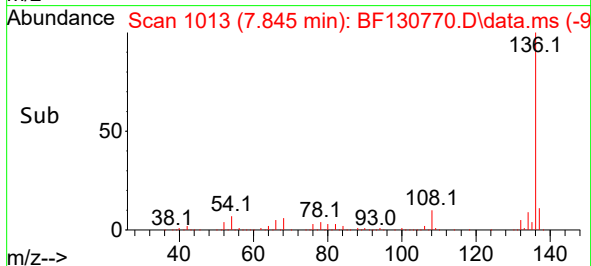


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130770.D
Acq: 25 Oct 2022 15:01

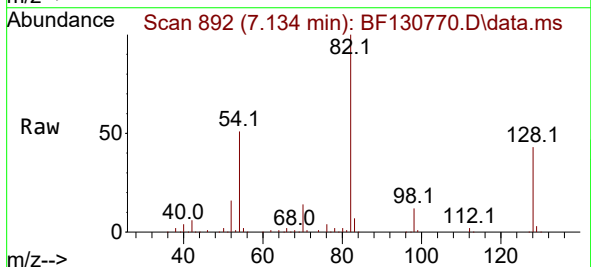
Instrument :
BNA_F
ClientSampleId :



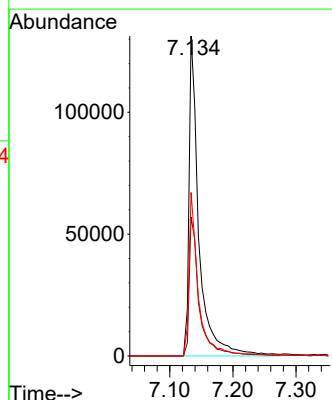
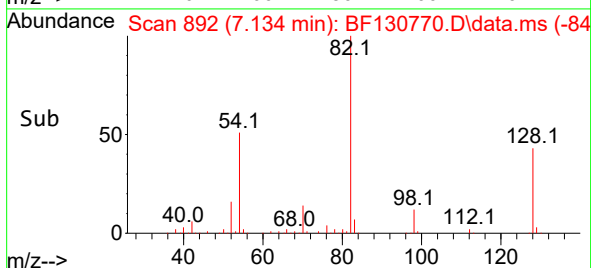
Tgt Ion:136 Resp: 480495
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.3 5.8 8.8
68 5.6 4.2 6.2

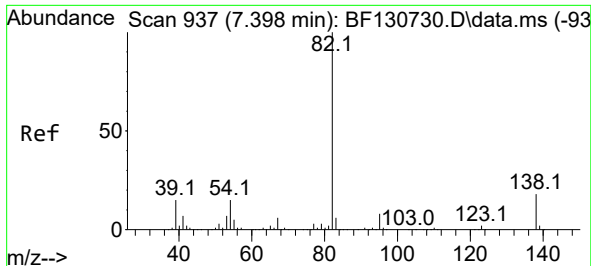


#23
Nitrobenzene-d5
Concen: 15.946 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.005 min
Lab File: BF130770.D
Acq: 25 Oct 2022 15:01



Tgt Ion: 82 Resp: 144434
Ion Ratio Lower Upper
82 100
128 43.4 35.9 53.9
54 51.1 39.2 58.8

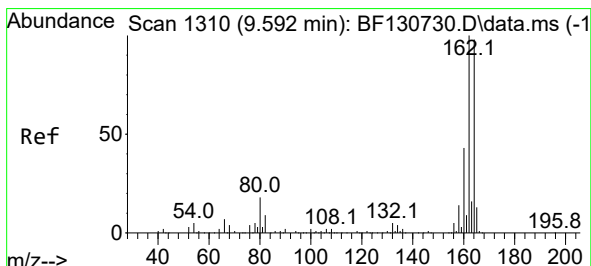
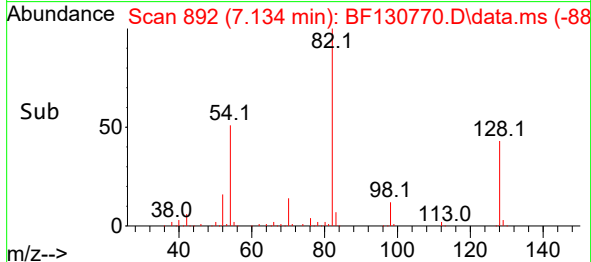
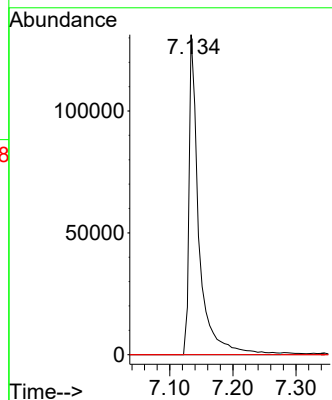
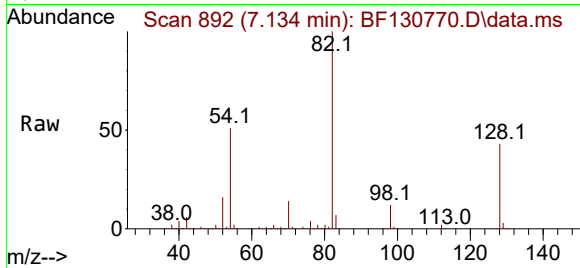




#25
Isophorone
Concen: 9.678 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF130770.D
Acq: 25 Oct 2022 15:01

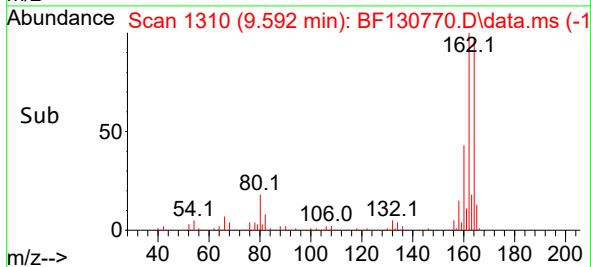
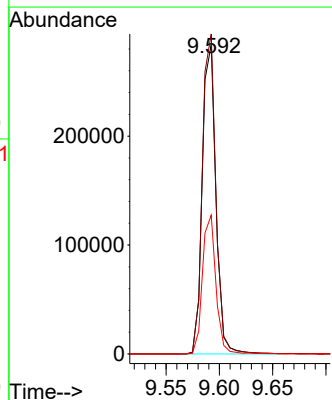
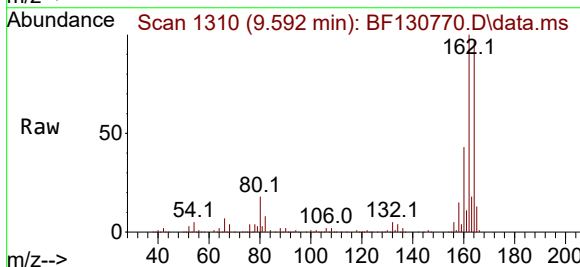
Instrument :
BNA_F
ClientSampleId :

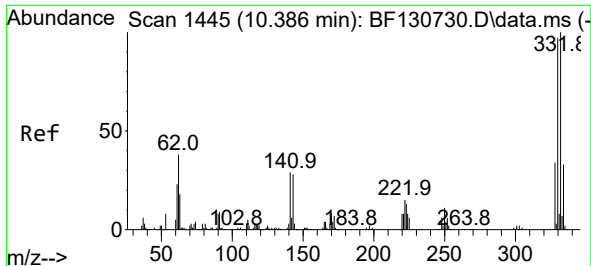
Tgt Ion: 82 Resp: 144434
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF130770.D
Acq: 25 Oct 2022 15:01

Tgt Ion:164 Resp: 253514
Ion Ratio Lower Upper
164 100
162 103.4 81.4 122.0
160 44.9 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 22.947 ng

RT: 10.386 min Scan# 1445

Delta R.T. 0.000 min

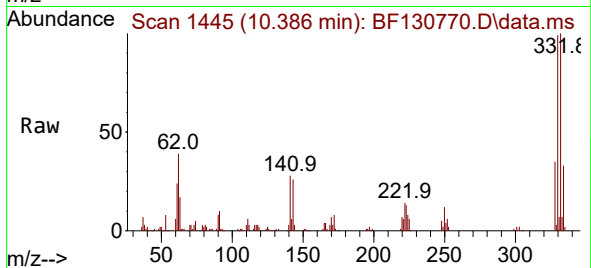
Lab File: BF130770.D

Acq: 25 Oct 2022 15:01

Instrument :

BNA_F

ClientSampleId :



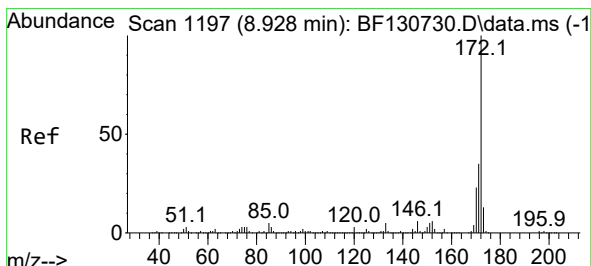
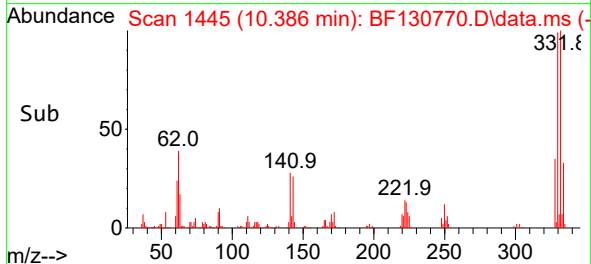
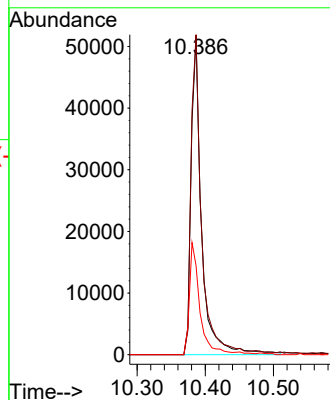
Tgt Ion:330 Resp: 55324

Ion Ratio Lower Upper

330 100

332 99.5 81.4 122.2

141 35.3 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 17.888 ng

RT: 8.916 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF130770.D

Acq: 25 Oct 2022 15:01

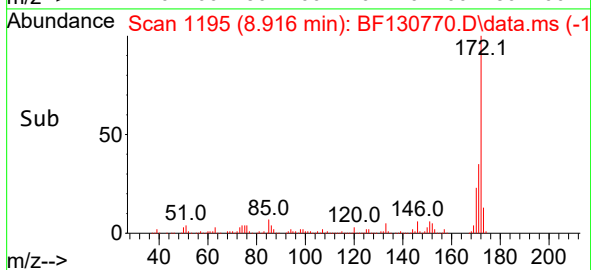
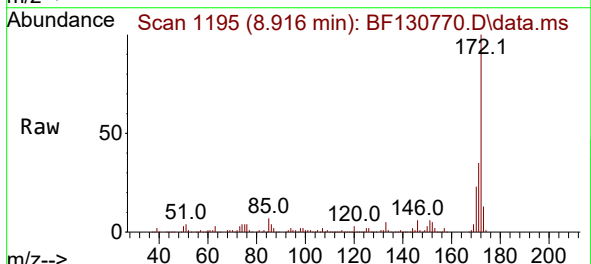
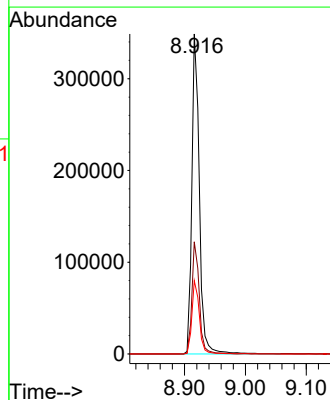
Tgt Ion:172 Resp: 297576

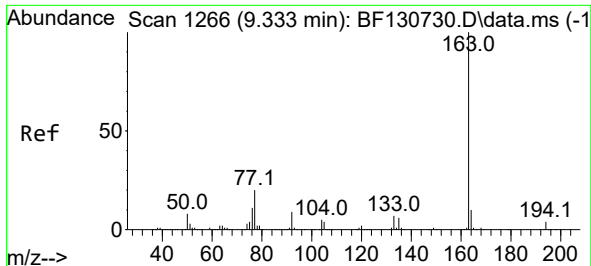
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

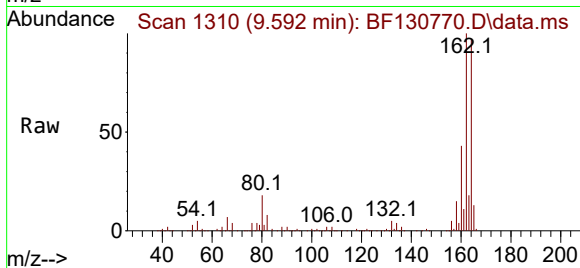
170 22.9 18.5 27.7



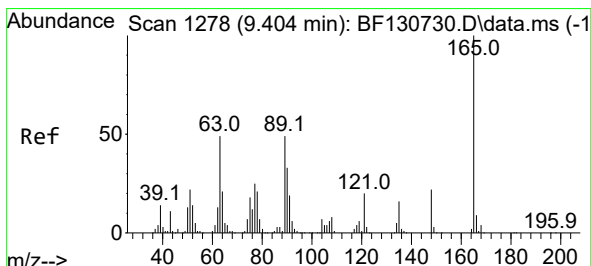
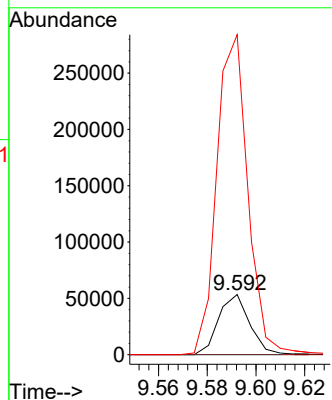
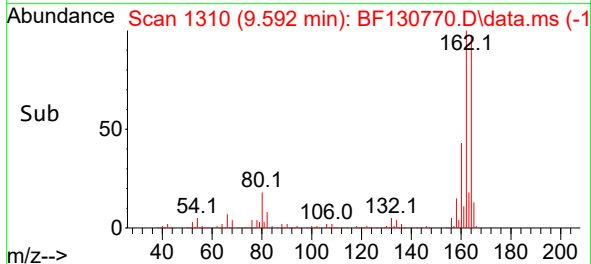


#50
 Dimethylphthalate
 Concen: 2.781 ng
 RT: 9.592 min Scan# 1310
 Delta R.T. 0.259 min
 Lab File: BF130770.D
 Acq: 25 Oct 2022 15:01

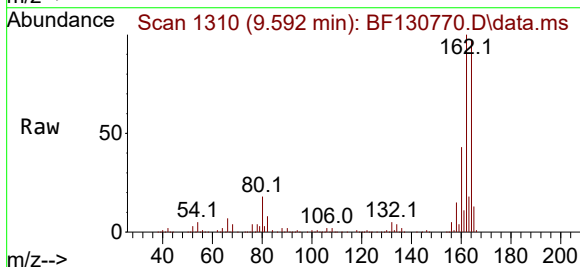
Instrument :
 BNA_F
 ClientSampleId :



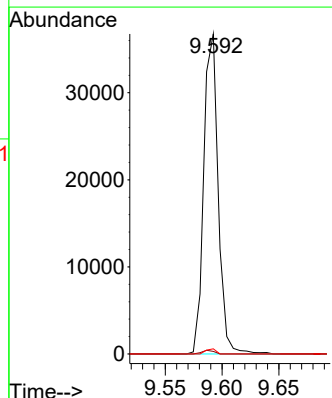
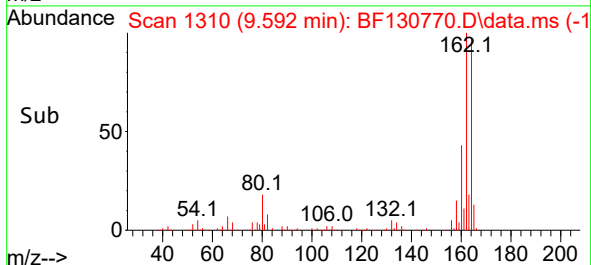
Tgt Ion:163 Resp: 47415
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.1 4.7#
 164 532.4 8.1 12.1#

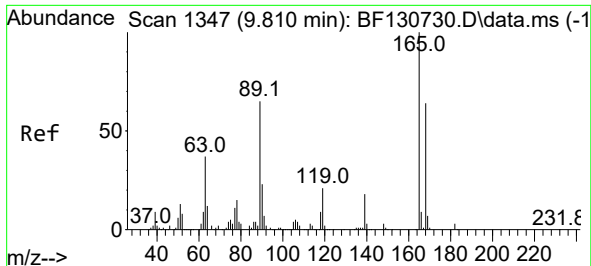


#51
 2,6-Dinitrotoluene
 Concen: 8.521 ng
 RT: 9.592 min Scan# 1310
 Delta R.T. 0.188 min
 Lab File: BF130770.D
 Acq: 25 Oct 2022 15:01



Tgt Ion:165 Resp: 32540
 Ion Ratio Lower Upper
 165 100
 63 0.8 38.8 58.2#
 89 1.6 39.4 59.2#





#57

2,4-Dinitrotoluene

Concen: 6.326 ng

RT: 9.592 min Scan# 11

Delta R.T. -0.218 min

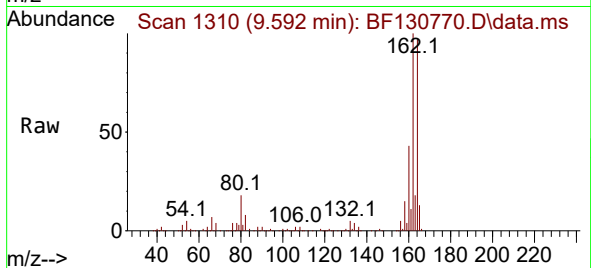
Lab File: BF130770.D

Acq: 25 Oct 2022 15:01

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:165 Resp: 32540

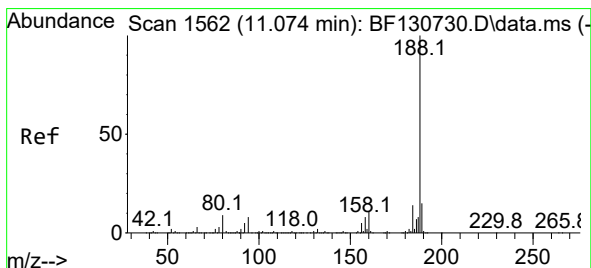
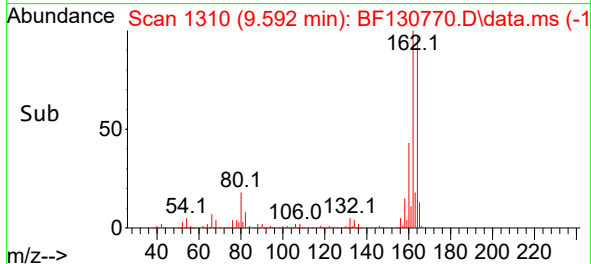
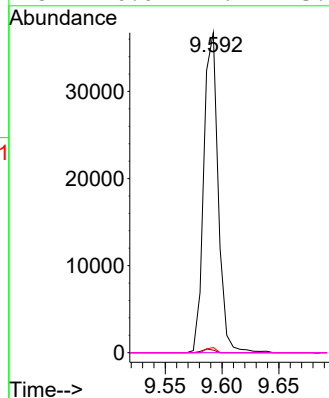
Ion Ratio Lower Upper

165 100

63 0.8 32.6 49.0#

89 1.6 51.9 77.9#

182 0.0 2.4 3.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.069 min Scan# 1561

Delta R.T. -0.006 min

Lab File: BF130770.D

Acq: 25 Oct 2022 15:01

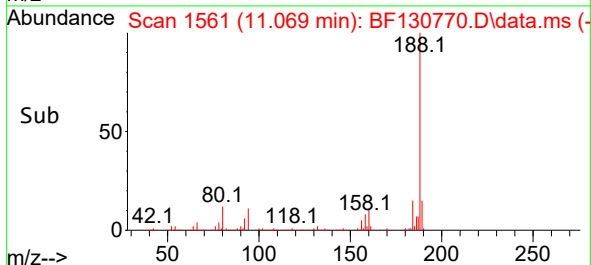
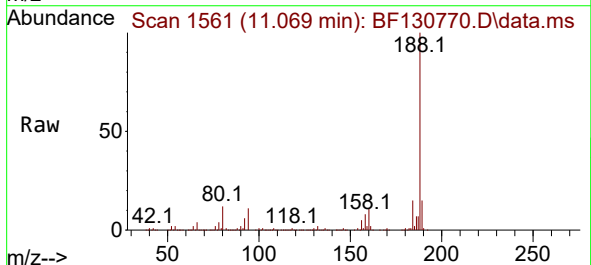
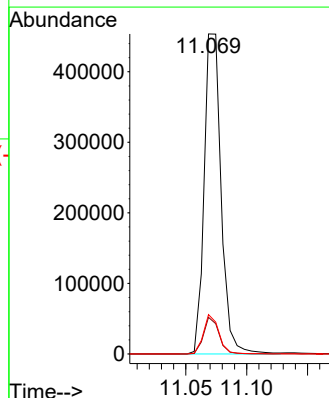
Tgt Ion:188 Resp: 438992

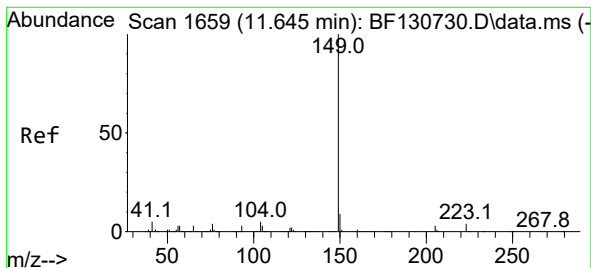
Ion Ratio Lower Upper

188 100

94 11.5 6.7 10.1#

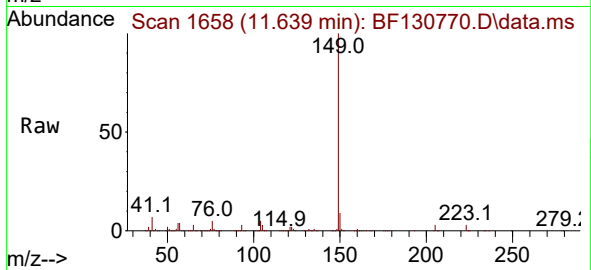
80 12.3 7.4 11.0#



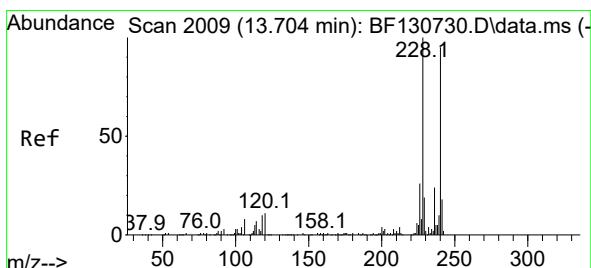
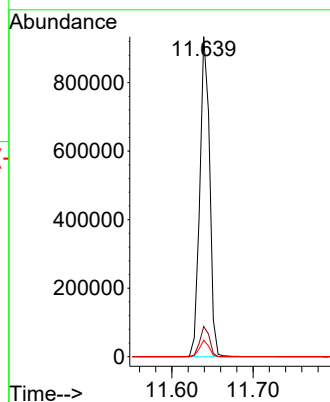
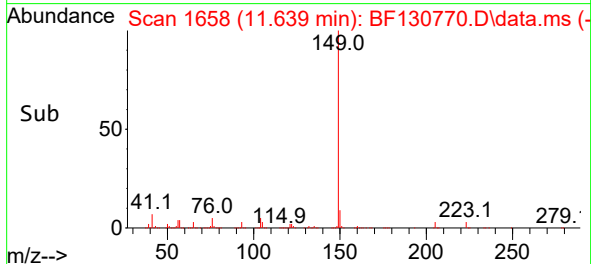


#74
Di-n-butylphthalate
Concen: 28.897 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130770.D
Acq: 25 Oct 2022 15:01

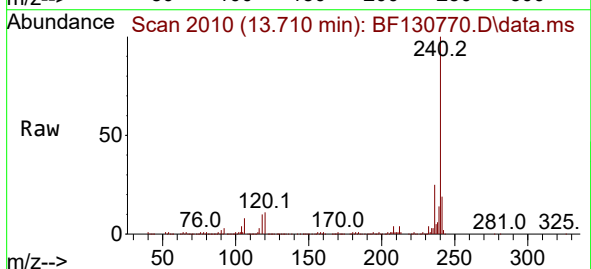
Instrument :
BNA_F
ClientSampleId :



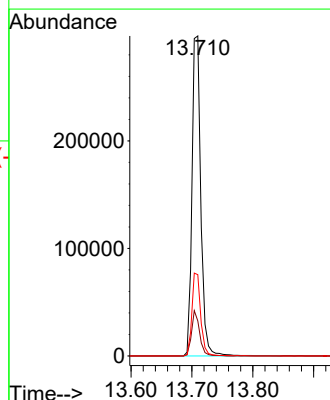
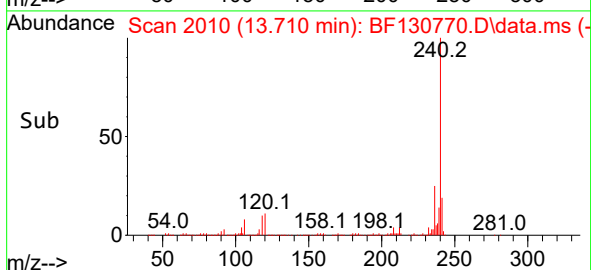
Tgt Ion:149 Resp: 788304
Ion Ratio Lower Upper
149 100
150 9.4 7.2 10.8
104 5.1 3.8 5.8

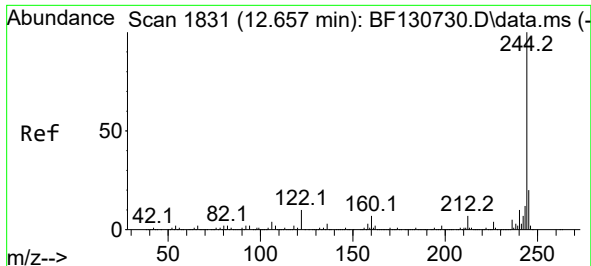


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF130770.D
Acq: 25 Oct 2022 15:01



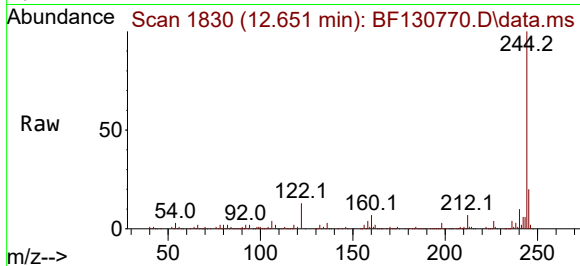
Tgt Ion:240 Resp: 300783
Ion Ratio Lower Upper
240 100
120 10.9 9.6 14.4
236 25.4 20.2 30.2



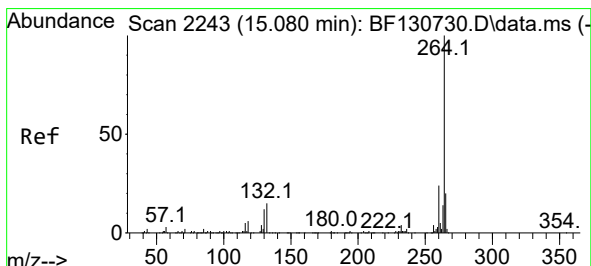
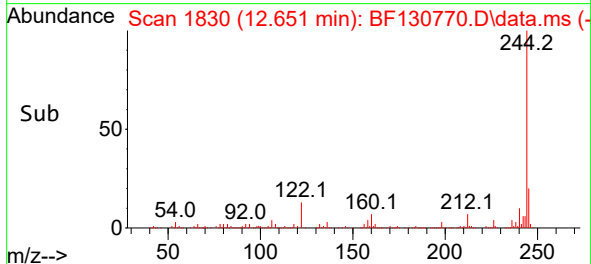
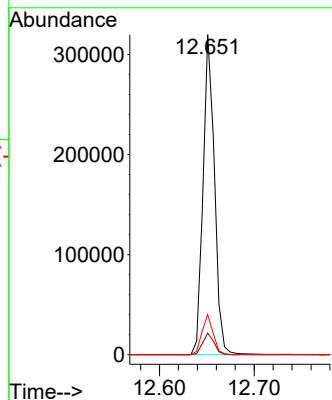


#79
 Terphenyl-d14
 Concen: 14.974 ng
 RT: 12.651 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF130770.D
 Acq: 25 Oct 2022 15:01

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 267273
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.5 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: BF130770.D
 Acq: 25 Oct 2022 15:01

Tgt Ion:264 Resp: 264912
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.1 16.2 24.4

