

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130786.D
 Acq On : 26 Oct 2022 16:39
 Operator : CG\JU
 Sample : N5281-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Oct 27 09:03:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 08:55:38 2022
 Response via : Initial Calibration

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

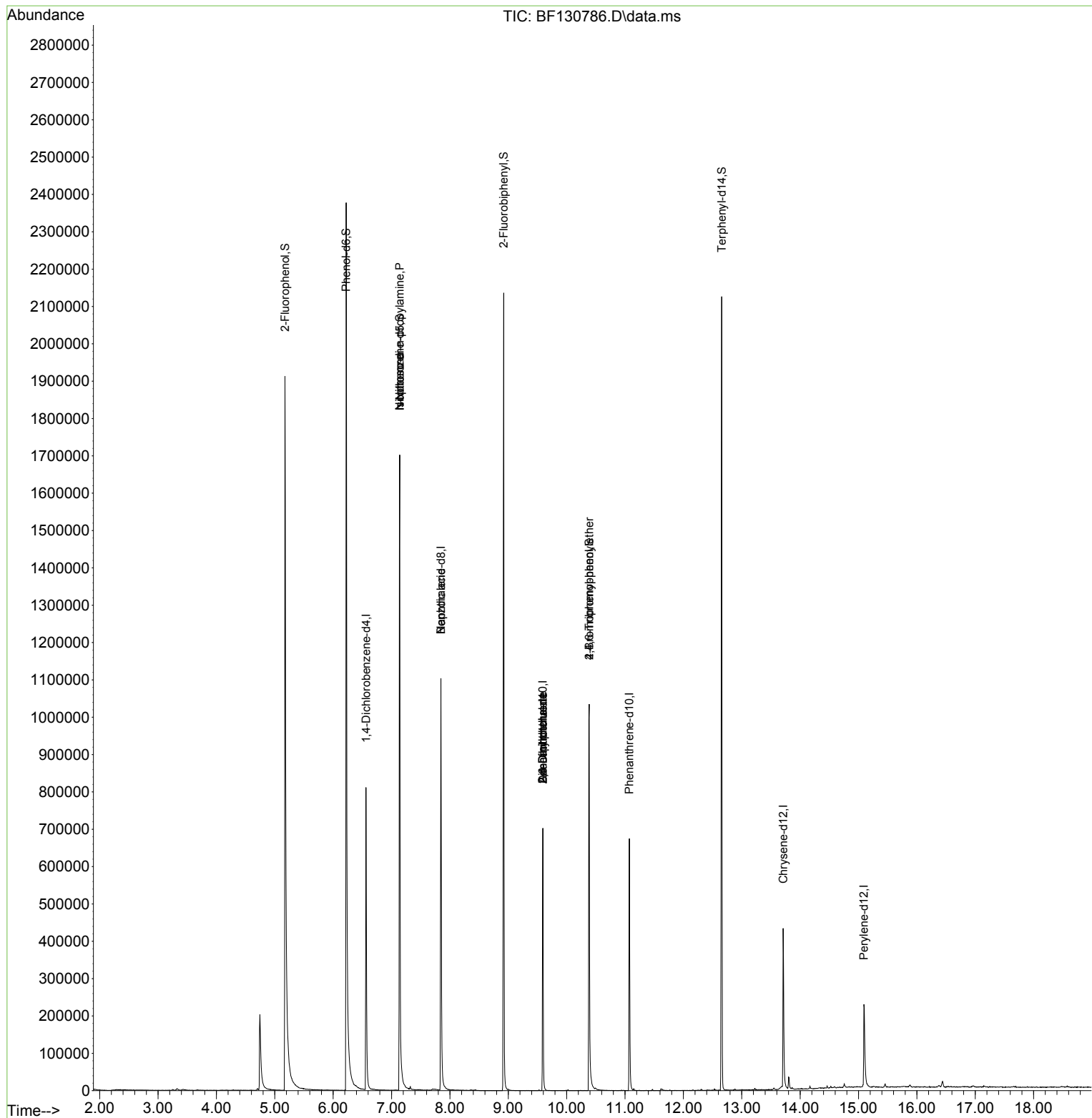
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	127375	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	525077	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	143730	20.000	ng	0.00
64) Phenanthrene-d10	11.074	188	255033	20.000	ng	0.00
76) Chrysene-d12	13.710	240	159461	20.000	ng	0.00
86) Perylene-d12	15.092	264	118550	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	801795	108.547	ng	0.00
7) Phenol-d6	6.222	99	1002306	112.150	ng	0.00
23) Nitrobenzene-d5	7.139	82	609619	61.589	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	150205	109.890	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	628191	66.605	ng	0.00
79) Terphenyl-d14	12.657	244	696205	73.575	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.139	70	78436	12.988	ng	# 76
25) Isophorone	7.139	82	609619	37.381	ng	# 65
32) Benzoic acid	7.845	122	80	6.027	ng	# 1
50) Dimethylphthalate	9.592	163	25487	2.636	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	18544	8.565	ng	# 30
57) 2,4-Dinitrotoluene	9.592	165	18544	6.359	ng	# 28
67) 4-Bromophenyl-phenylether	10.386	248	8907	2.903	ng	# 1
77) Benzidine	12.657	184	9565	Below Cal		# 97

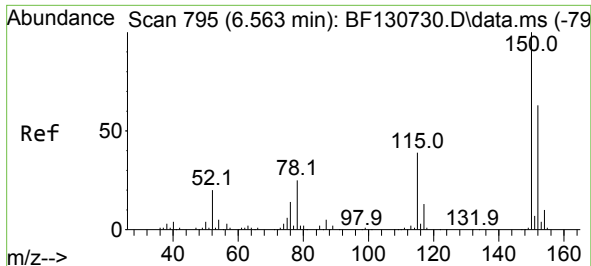
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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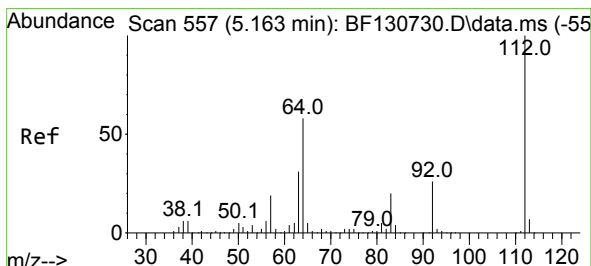
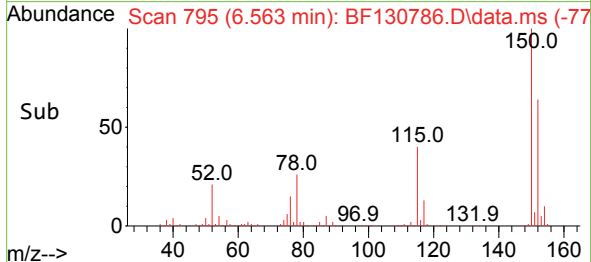
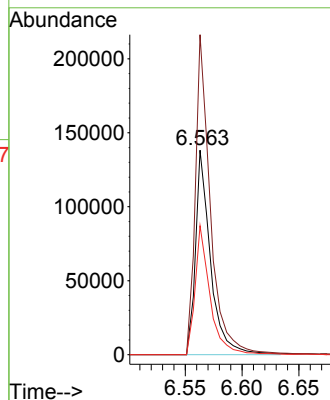
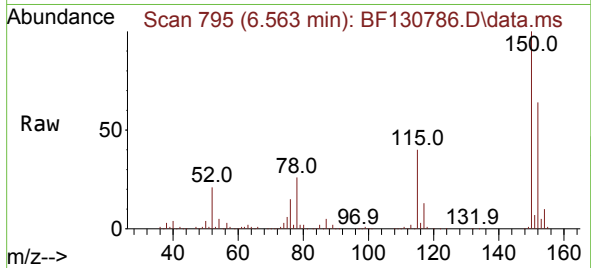




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

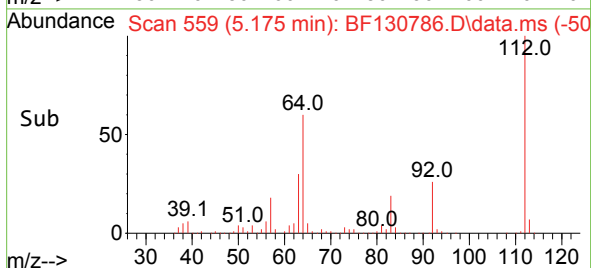
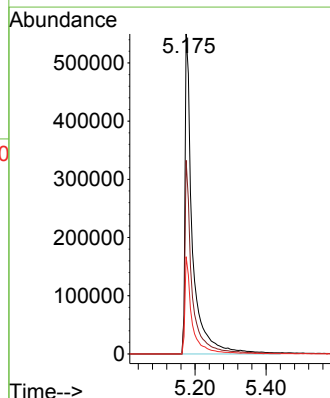
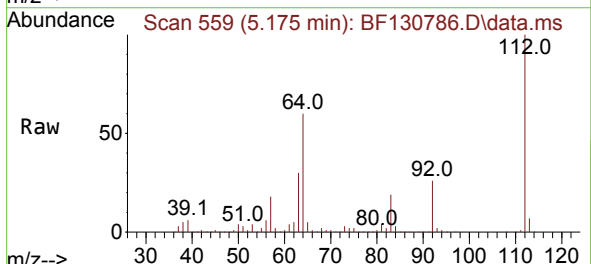
Instrument :
BNA_F
ClientSampleId :
SB-2

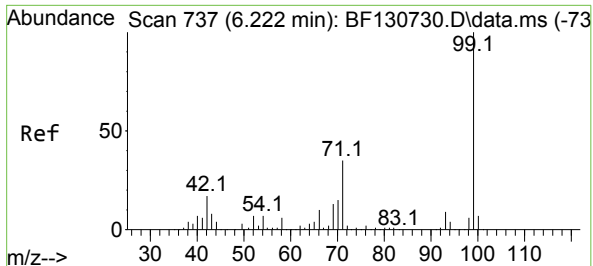
Tgt Ion:152 Resp: 127375
Ion Ratio Lower Upper
152 100
150 156.5 127.0 190.6
115 63.1 49.9 74.9



#5
2-Fluorophenol
Concen: 108.547 ng
RT: 5.175 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

Tgt Ion:112 Resp: 801795
Ion Ratio Lower Upper
112 100
64 60.5 46.2 69.4
63 30.4 25.1 37.7

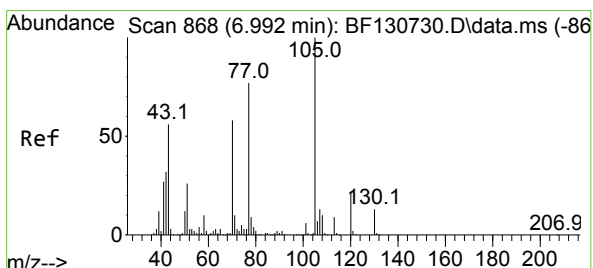
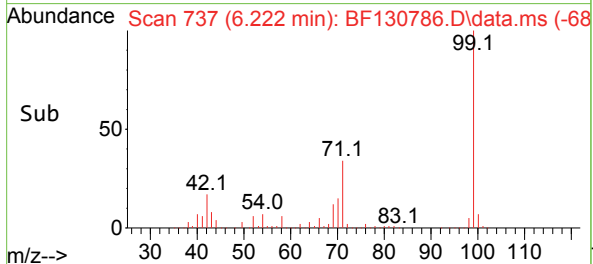
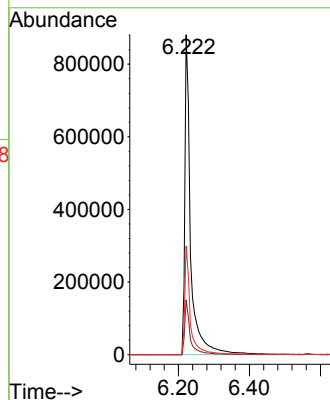
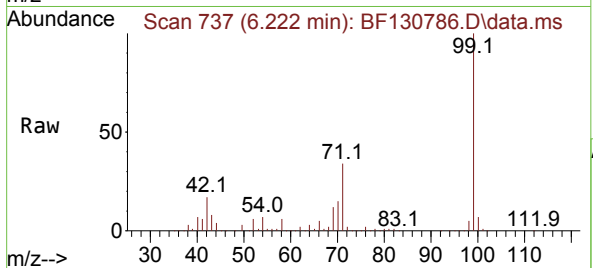




#7
Phenol-d6
Concen: 112.150 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

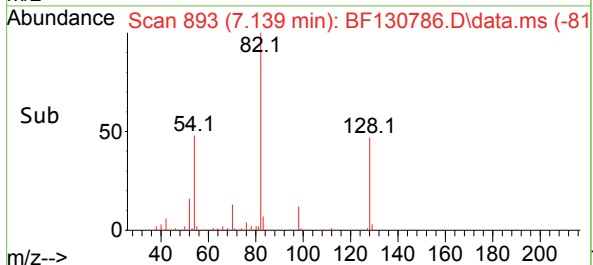
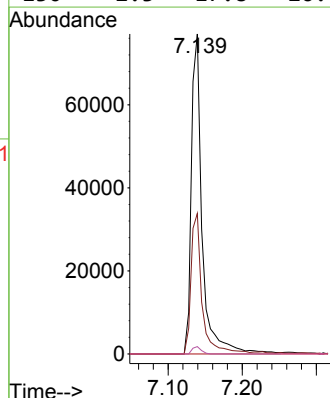
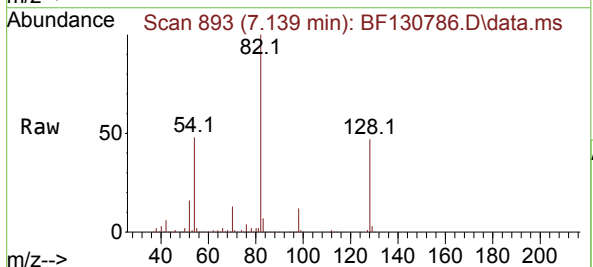
Instrument :
BNA_F
ClientSampleId :
SB-2

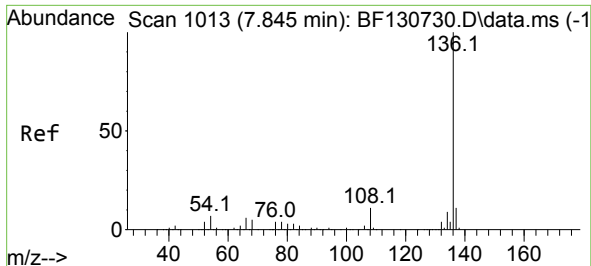
Tgt Ion: 99 Resp: 1002306
Ion Ratio Lower Upper
99 100
42 17.1 13.8 20.8
71 33.9 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.988 ng
RT: 7.139 min Scan# 893
Delta R.T. 0.147 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

Tgt Ion: 70 Resp: 78436
Ion Ratio Lower Upper
70 100
42 43.9 44.1 66.1#
101 0.0 8.3 12.5#
130 2.3 17.8 26.6#

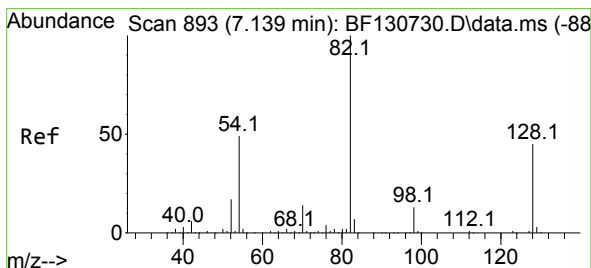
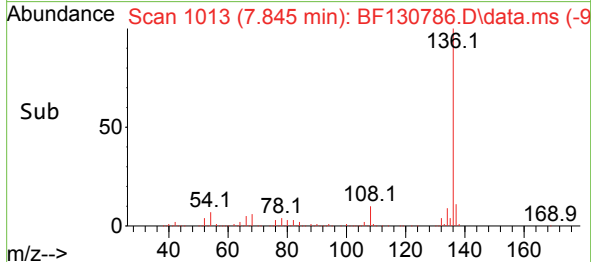
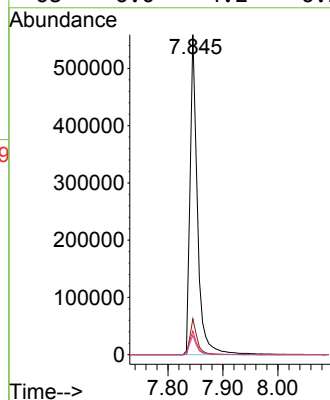
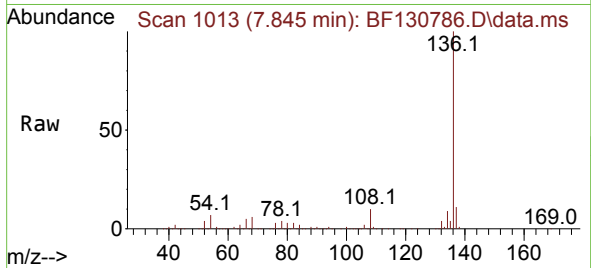




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

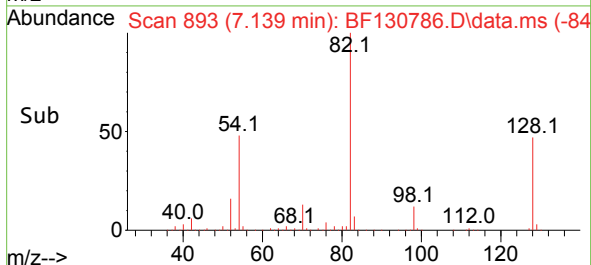
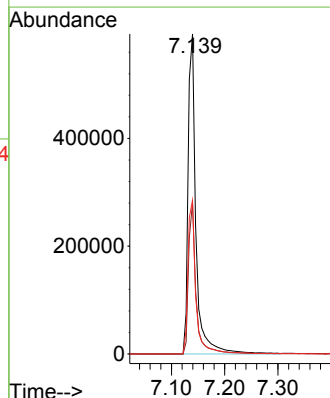
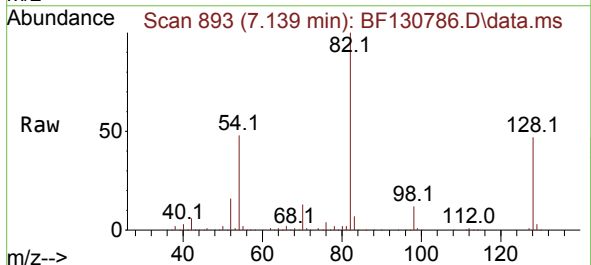
Instrument :
BNA_F
ClientSampleId :
SB-2

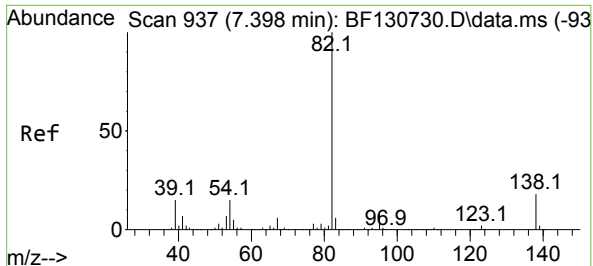
Tgt Ion:	136	Resp:	525077
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.4	5.8	8.8
68	6.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 61.589 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

Tgt Ion:	82	Resp:	609619
Ion	Ratio	Lower	Upper
82	100		
128	47.3	35.9	53.9
54	48.0	39.2	58.8

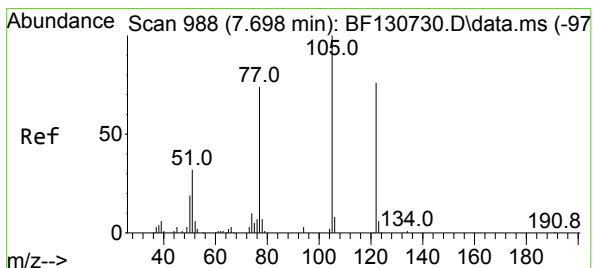
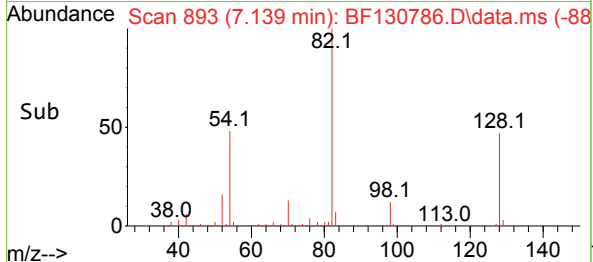
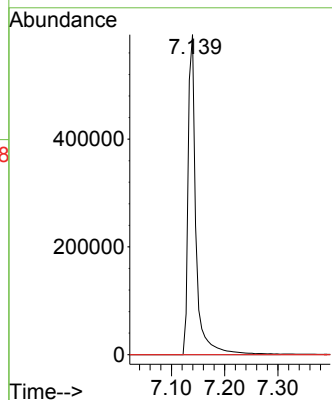
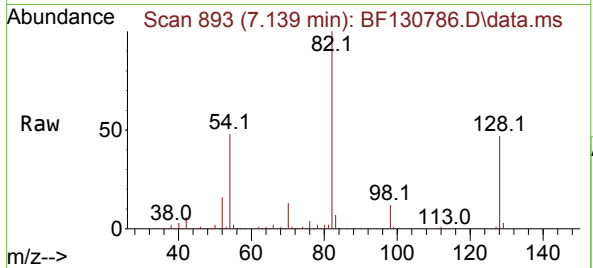




#25
Isophorone
Concen: 37.381 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.259 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

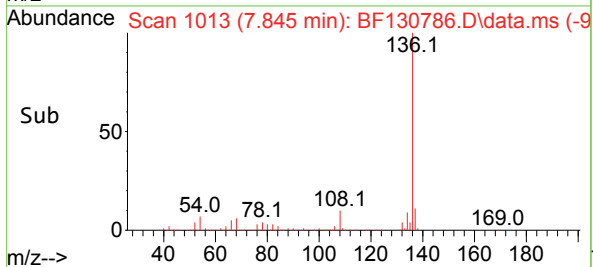
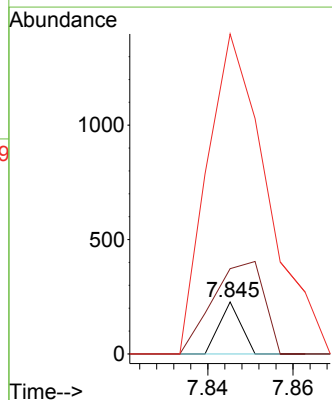
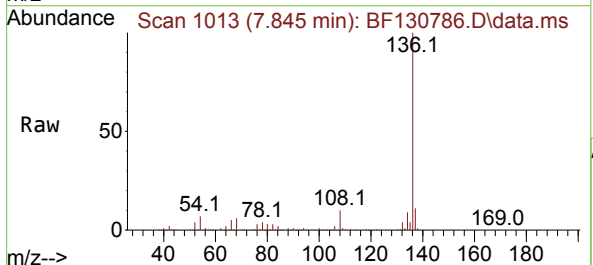
Instrument :
BNA_F
Client SampleId :
SB-2

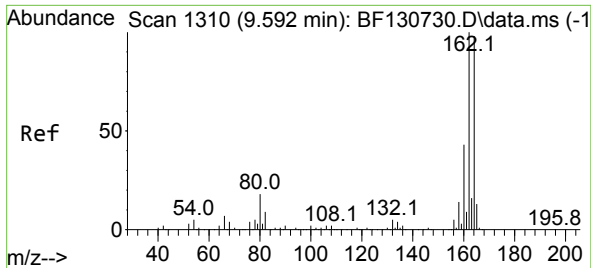
Tgt Ion: 82 Resp: 609619
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.027 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.141 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

Tgt Ion: 122 Resp: 80
Ion Ratio Lower Upper
122 100
105 164.3 109.2 149.2#
77 616.3 75.7 115.7#

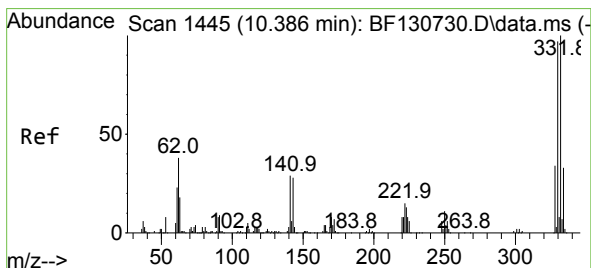
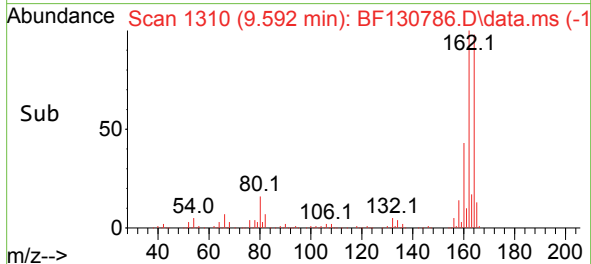
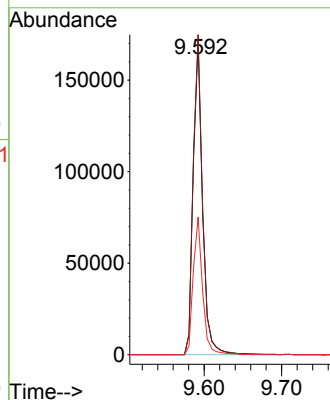
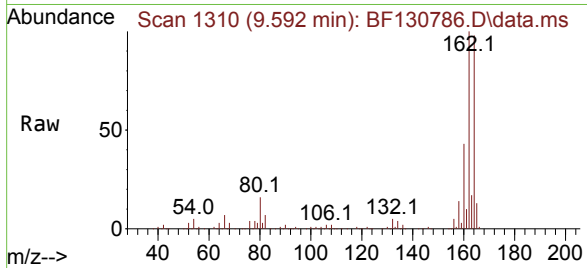




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

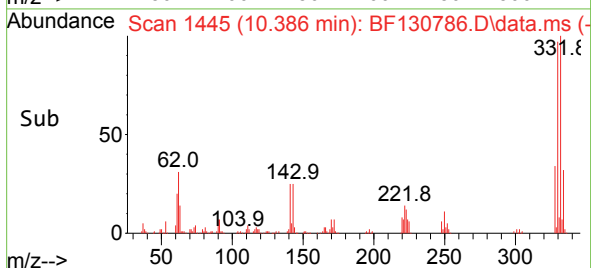
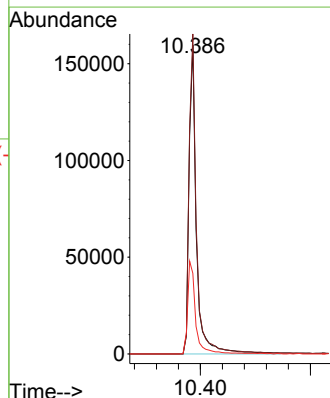
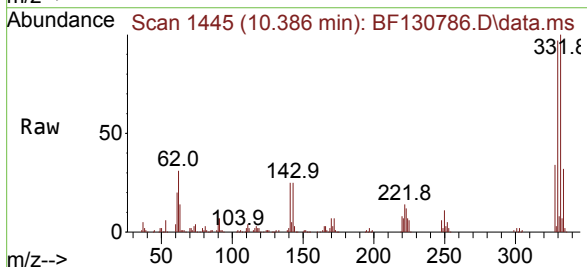
Instrument :
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ClientSampleId :
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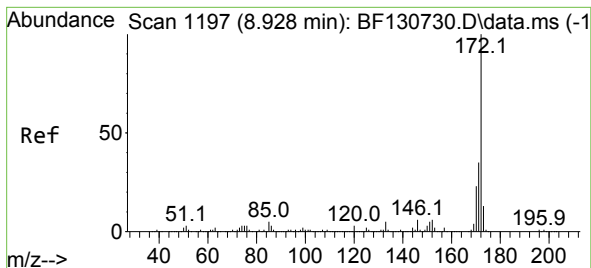
Tgt Ion:164 Resp: 143730
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 43.8 35.0 52.4



#42
2,4,6-Tribromophenol
Concen: 109.890 ng
RT: 10.386 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

Tgt Ion:330 Resp: 150205
Ion Ratio Lower Upper
330 100
332 105.2 81.4 122.2
141 32.7 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 66.605 ng

RT: 8.922 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF130786.D

Acq: 26 Oct 2022 16:39

Instrument :

BNA_F

ClientSampleId :

SB-2

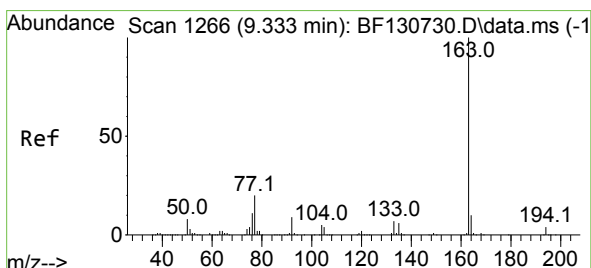
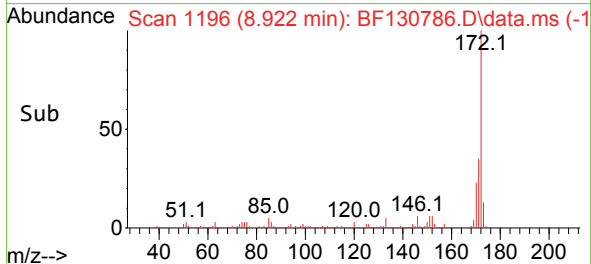
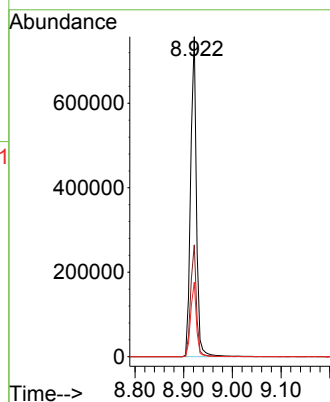
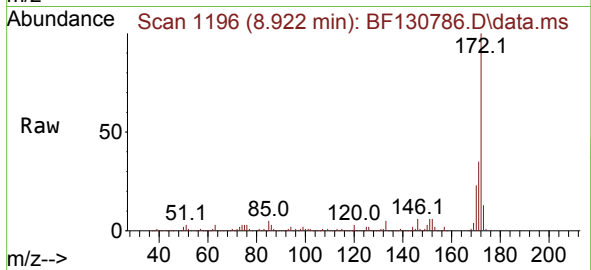
Tgt Ion:172 Resp: 628191

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.3 18.5 27.7



#50

Dimethylphthalate

Concen: 2.636 ng

RT: 9.592 min Scan# 1310

Delta R.T. 0.259 min

Lab File: BF130786.D

Acq: 26 Oct 2022 16:39

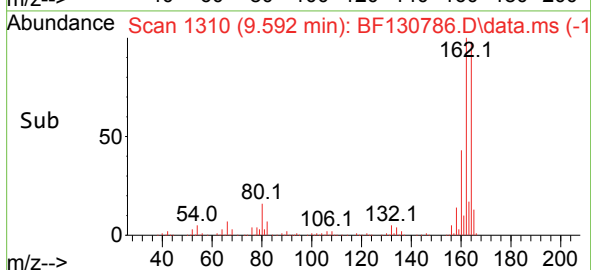
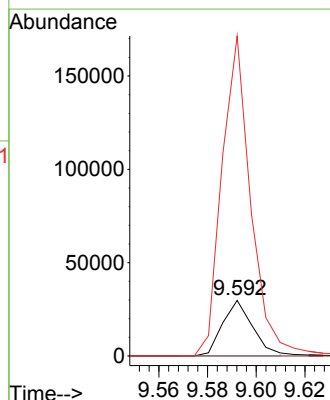
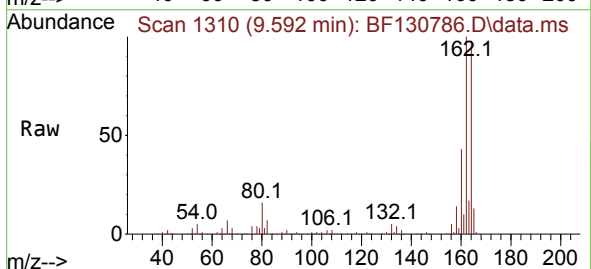
Tgt Ion:163 Resp: 25487

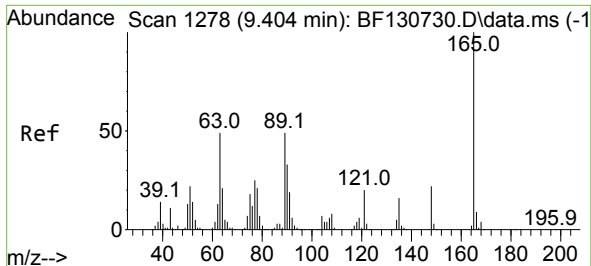
Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 576.1 8.1 12.1#

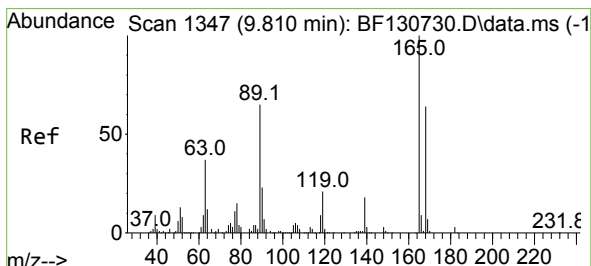
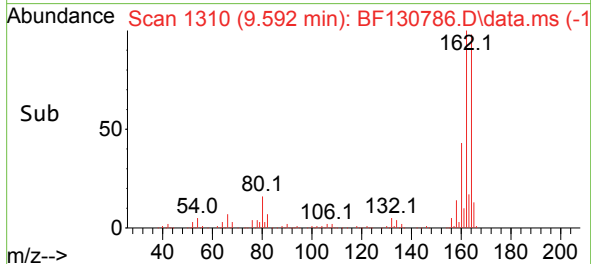
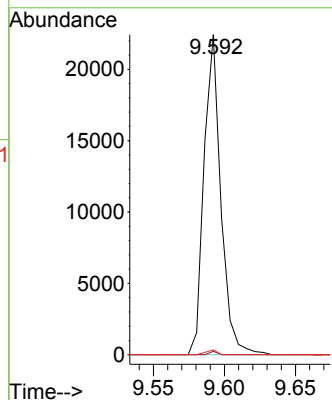
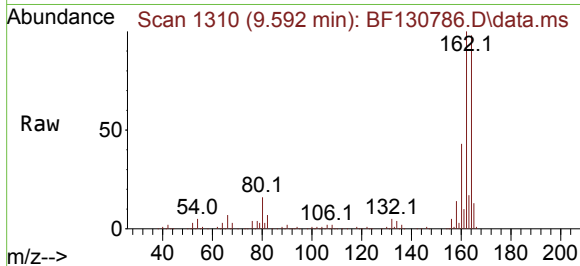




#51
2,6-Dinitrotoluene
Concen: 8.565 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

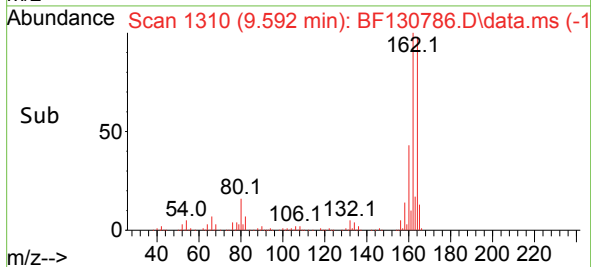
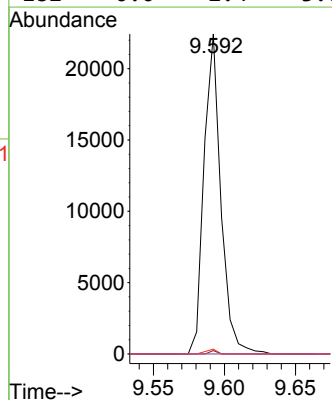
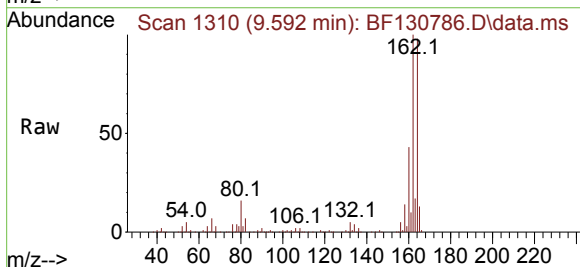
Instrument :
BNA_F
ClientSampleId :
SB-2

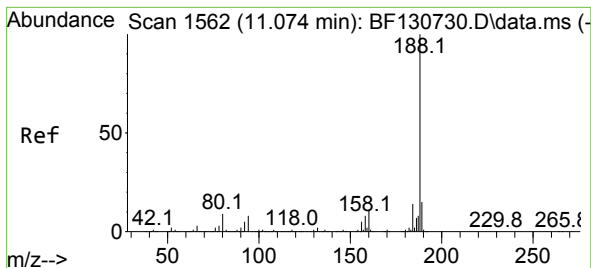
Tgt Ion:165 Resp: 18544
Ion Ratio Lower Upper
165 100
63 1.1 38.8 58.2#
89 1.5 39.4 59.2#



#57
2,4-Dinitrotoluene
Concen: 6.359 ng
RT: 9.592 min Scan# 1310
Delta R.T. -0.218 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

Tgt Ion:165 Resp: 18544
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.5 51.9 77.9#
182 0.0 2.4 3.6#

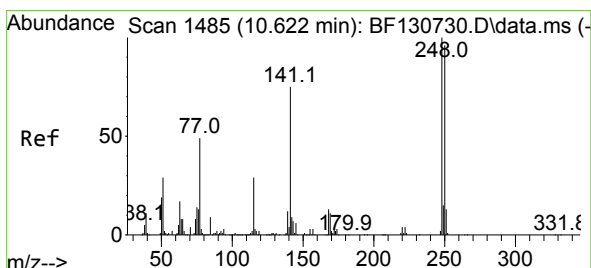
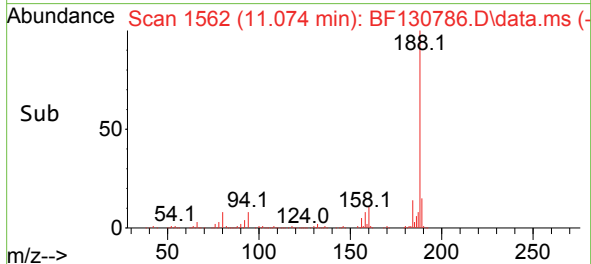
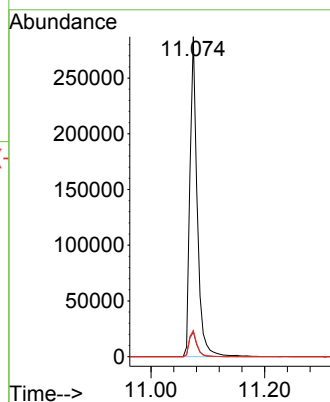
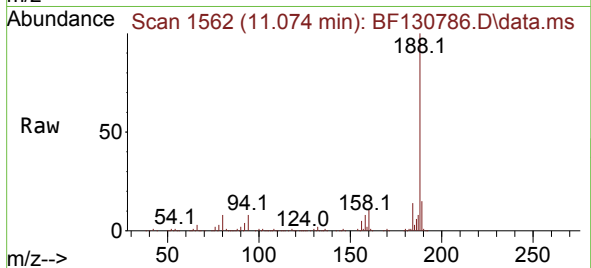




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.074 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

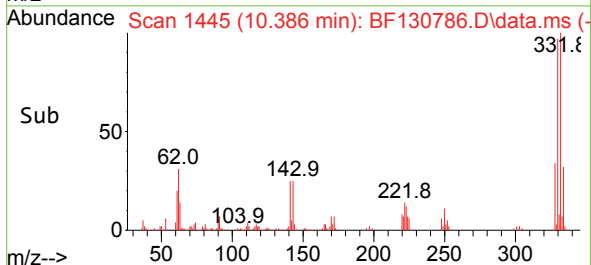
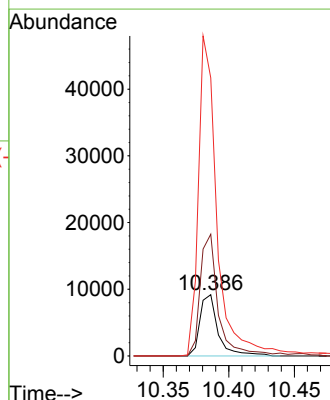
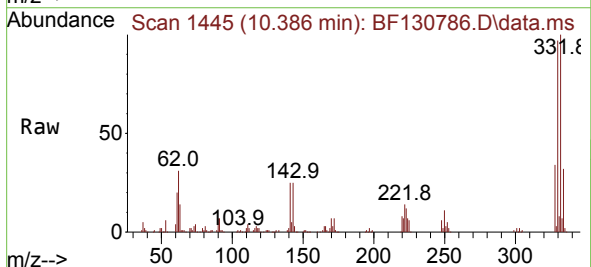
Instrument :
BNA_F
ClientSampleId :
SB-2

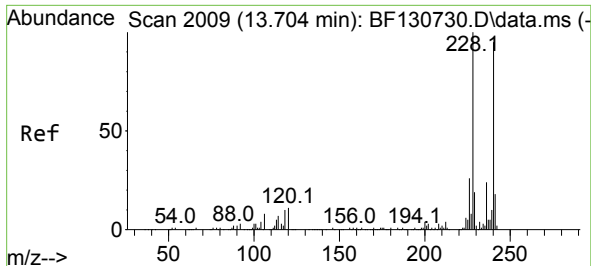
Tgt Ion:188 Resp: 255033
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.2 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 2.903 ng
RT: 10.386 min Scan# 1445
Delta R.T. -0.235 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

Tgt Ion:248 Resp: 8907
Ion Ratio Lower Upper
248 100
250 198.8 77.0 115.6#
141 454.3 60.1 90.1#

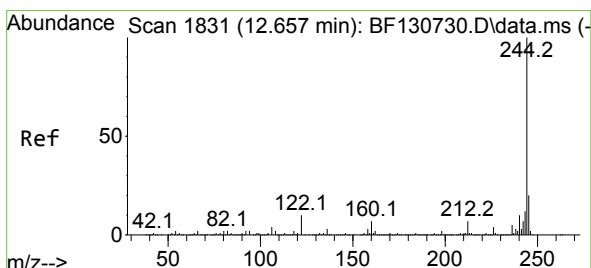
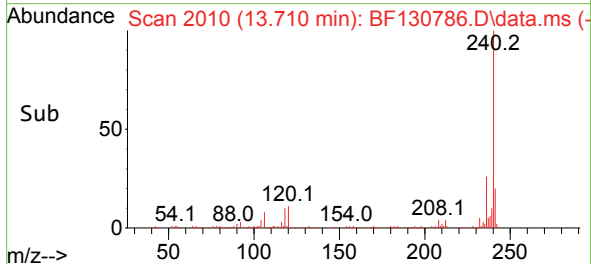
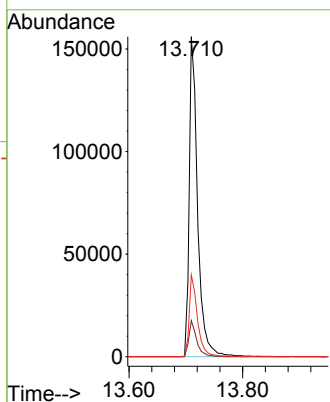
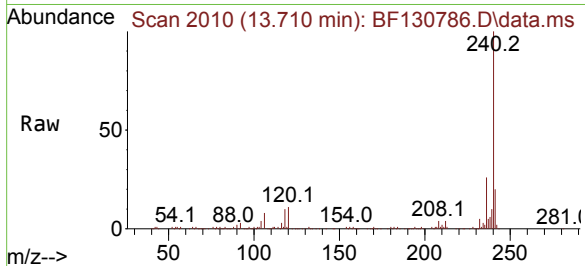




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

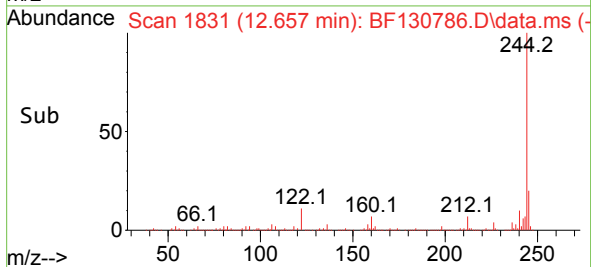
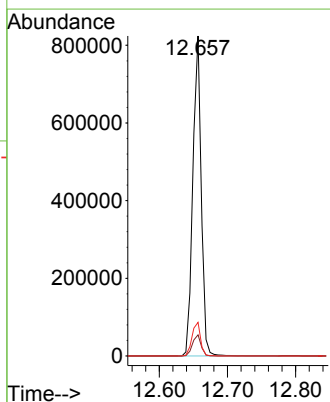
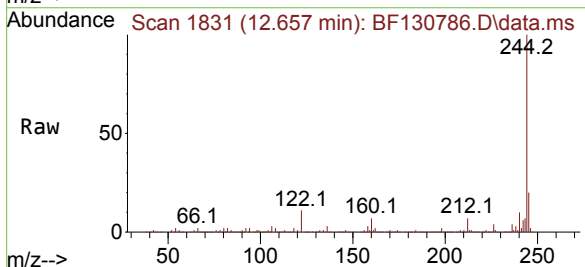
Instrument :
BNA_F
ClientSampleId :
SB-2

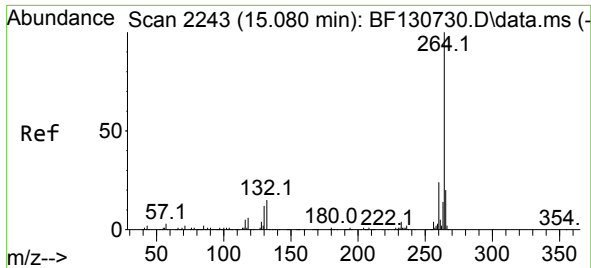
Tgt Ion:240 Resp: 159461
Ion Ratio Lower Upper
240 100
120 11.3 9.6 14.4
236 25.5 20.2 30.2



#79
Terphenyl-d14
Concen: 73.575 ng
RT: 12.657 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

Tgt Ion:244 Resp: 696205
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 10.5 8.2 12.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.092 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130786.D
 Acq: 26 Oct 2022 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tgt Ion:264 Resp: 118550
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 22.2 16.2 24.4

