

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130787.D
 Acq On : 26 Oct 2022 17:14
 Operator : CG\JU
 Sample : N5281-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Quant Time: Oct 27 09:04:07 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)

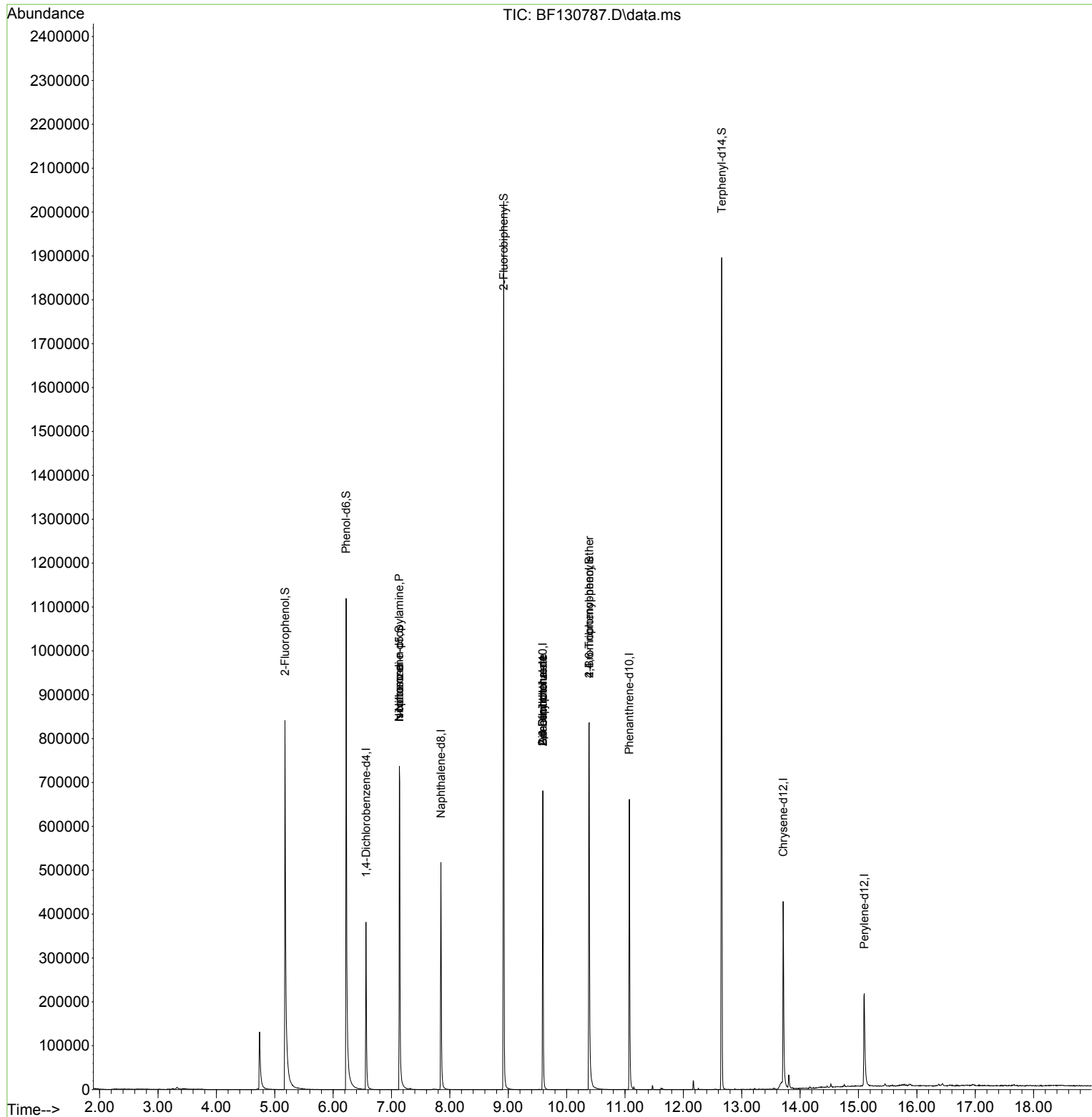
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	59672	20.000	ng	0.00
21) Naphthalene-d8	7.846	136	244518	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	136446	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	246493	20.000	ng	0.00
76) Chrysene-d12	13.710	240	154620	20.000	ng	0.00
86) Perylene-d12	15.098	264	116967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	327900	94.757	ng	0.00
7) Phenol-d6	6.222	99	431490	103.058	ng	0.00
23) Nitrobenzene-d5	7.134	82	273720	59.383	ng	0.00
42) 2,4,6-Tribromophenol	10.387	330	129350	99.684	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	578441	64.605	ng	0.00
79) Terphenyl-d14	12.657	244	623248	67.927	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.134	70	36206	12.798	ng	# 81
25) Isophorone	7.134	82	273720	36.042	ng	# 65
50) Dimethylphthalate	9.592	163	24465	2.666	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	18160	8.836	ng	# 30
57) 2,4-Dinitrotoluene	9.592	165	18160	6.559	ng	# 28
67) 4-Bromophenyl-phenylether	10.387	248	7878	2.657	ng	# 1
77) Benzidine	12.657	184	8023	Below Cal		# 95

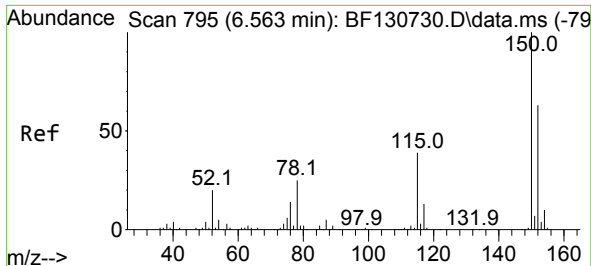
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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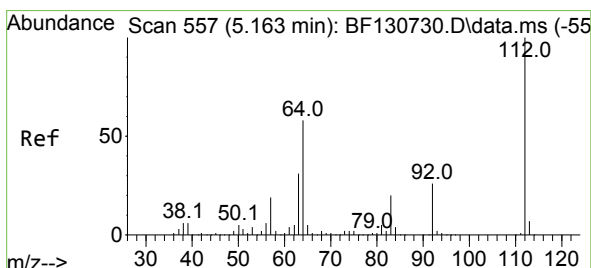
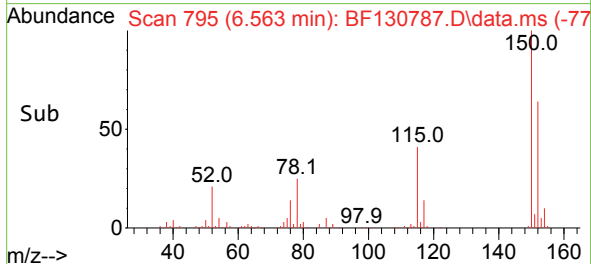
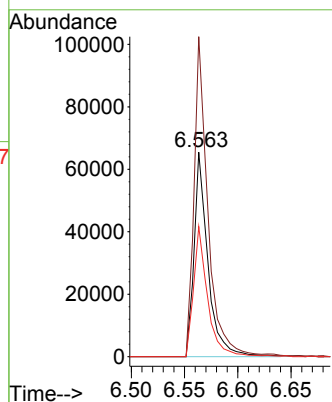
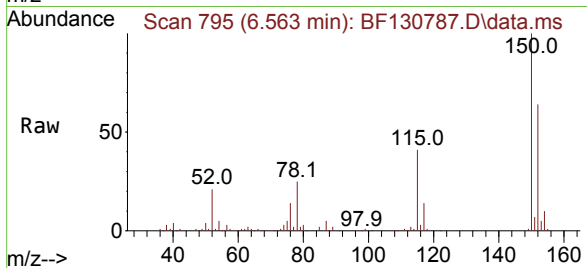




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130787.D
Acq: 26 Oct 2022 17:14

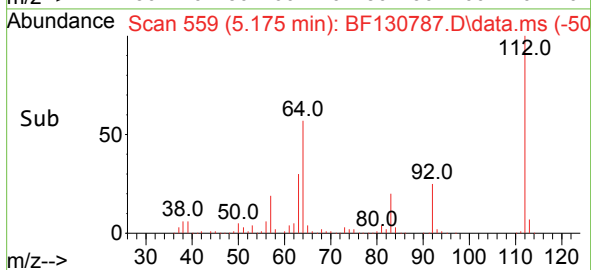
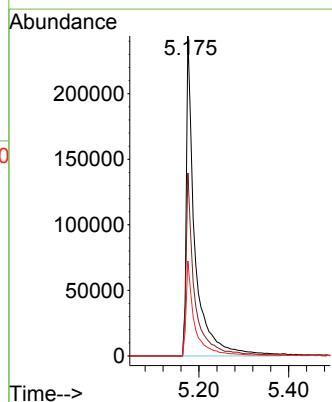
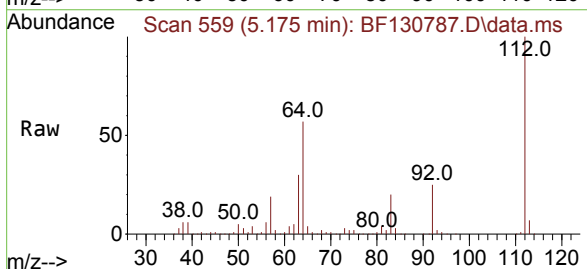
Instrument :
BNA_F
ClientSampleId :
SB-3

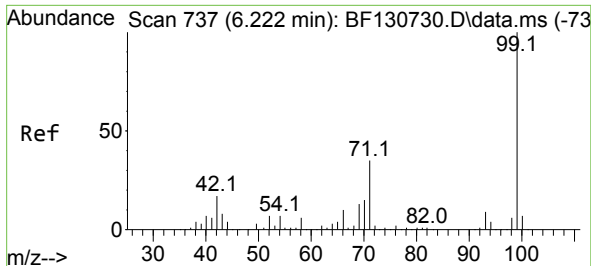
Tgt Ion:152 Resp: 59672
Ion Ratio Lower Upper
152 100
150 156.5 127.0 190.6
115 63.6 49.9 74.9



#5
2-Fluorophenol
Concen: 94.757 ng
RT: 5.175 min Scan# 559
Delta R.T. 0.000 min
Lab File: BF130787.D
Acq: 26 Oct 2022 17:14

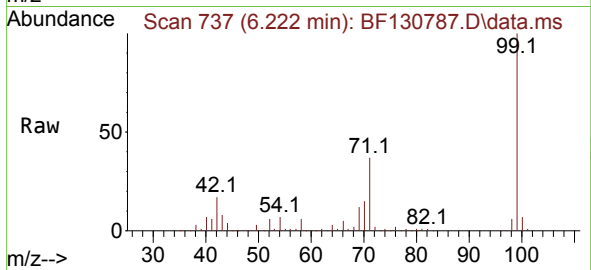
Tgt Ion:112 Resp: 327900
Ion Ratio Lower Upper
112 100
64 57.2 46.2 69.4
63 29.7 25.1 37.7



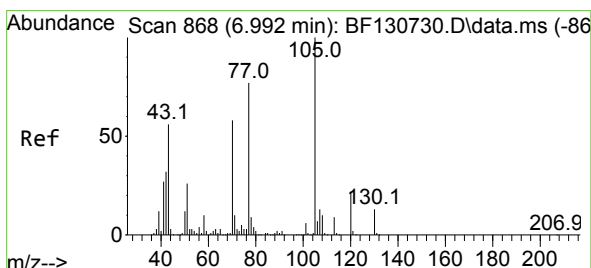
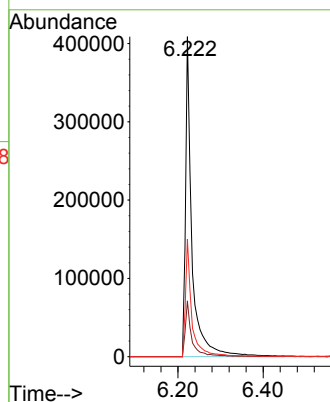
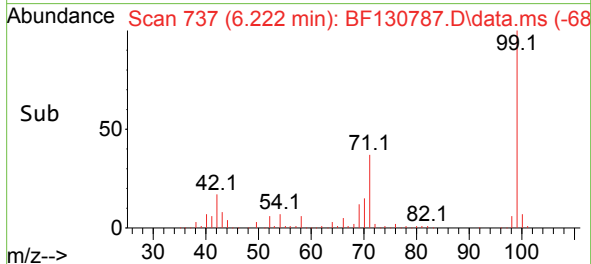


#7
Phenol-d6
Concen: 103.058 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130787.D
Acq: 26 Oct 2022 17:14

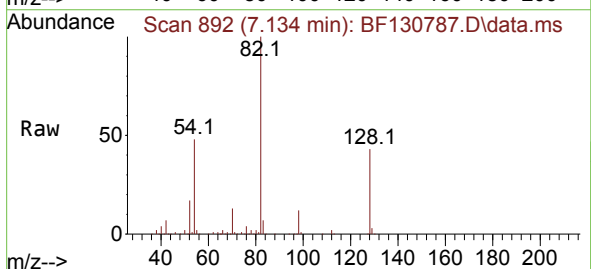
Instrument :
BNA_F
ClientSampleId :
SB-3



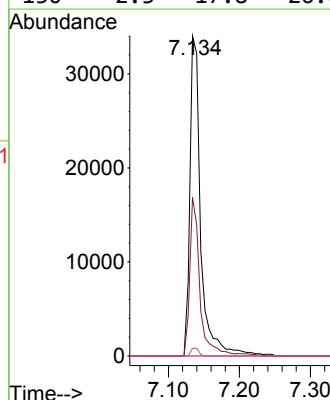
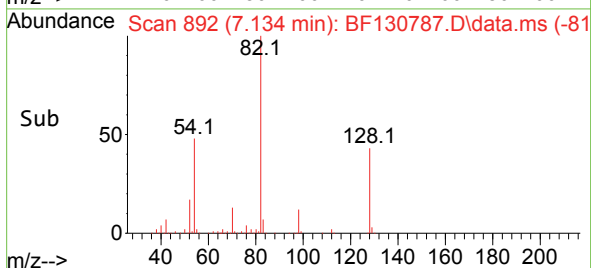
Tgt Ion: 99 Resp: 431490
Ion Ratio Lower Upper
99 100
42 17.4 13.8 20.8
71 36.7 28.3 42.5

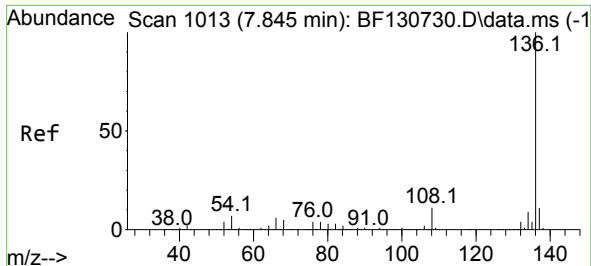


#19
n-Nitroso-di-n-propylamine
Concen: 12.798 ng
RT: 7.134 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF130787.D
Acq: 26 Oct 2022 17:14



Tgt Ion: 70 Resp: 36206
Ion Ratio Lower Upper
70 100
42 49.6 44.1 66.1
101 0.0 8.3 12.5#
130 2.3 17.8 26.6#

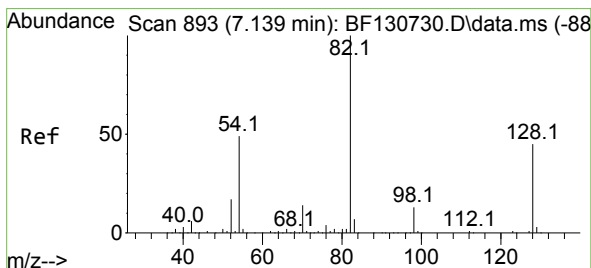
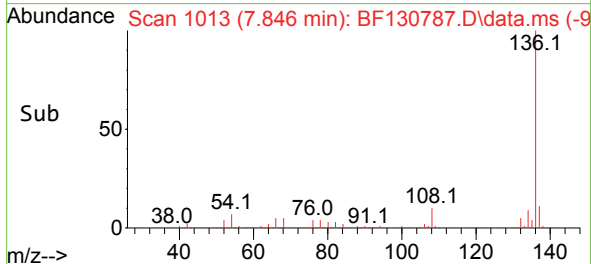
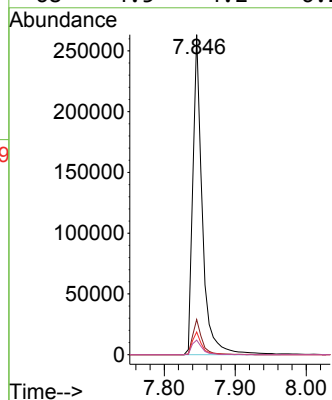
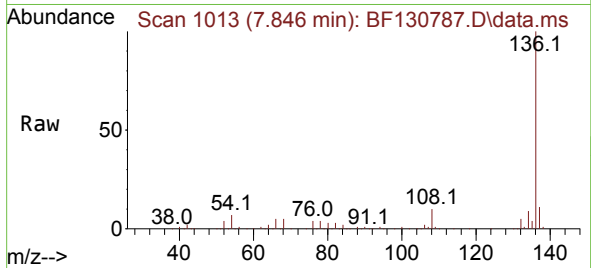




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.846 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130787.D
Acq: 26 Oct 2022 17:14

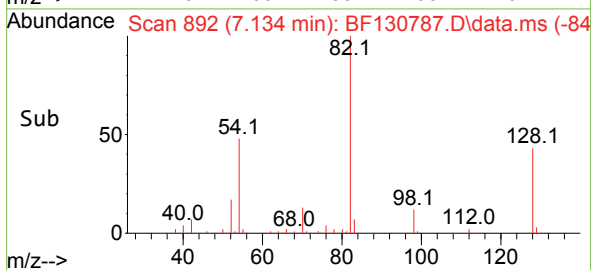
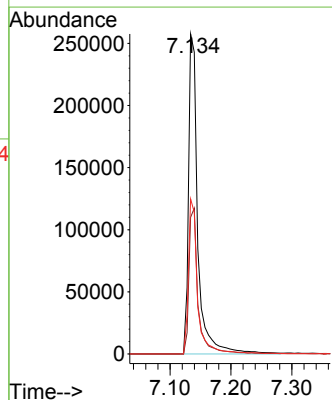
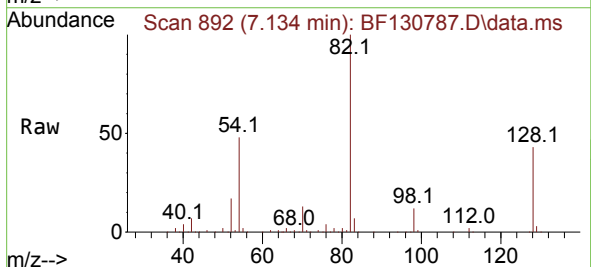
Instrument :
BNA_F
ClientSampleId :
SB-3

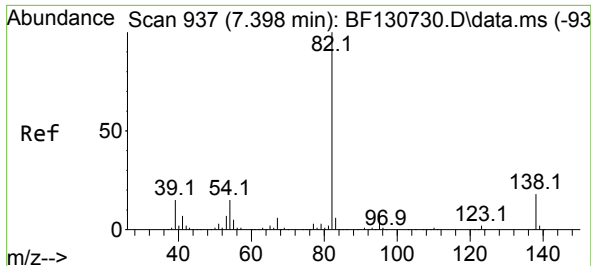
Tgt Ion:136 Resp: 244518
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.1 5.8 8.8
68 4.5 4.2 6.2



#23
Nitrobenzene-d5
Concen: 59.383 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF130787.D
Acq: 26 Oct 2022 17:14

Tgt Ion: 82 Resp: 273720
Ion Ratio Lower Upper
82 100
128 42.7 35.9 53.9
54 48.4 39.2 58.8

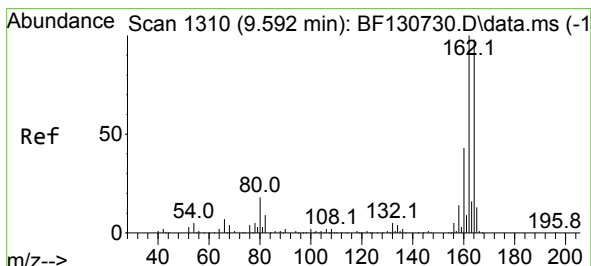
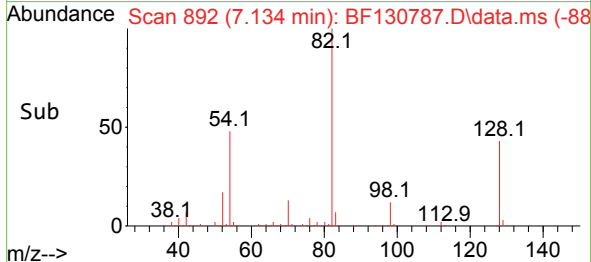
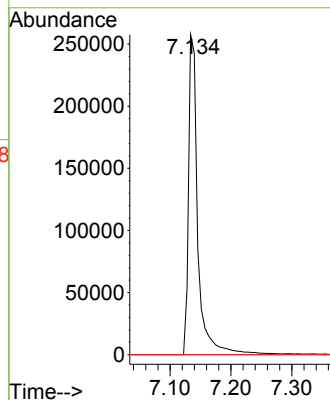
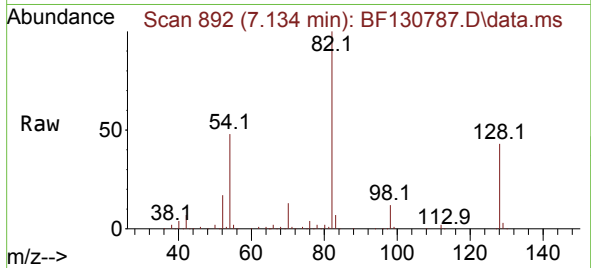




#25
Isophorone
Concen: 36.042 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF130787.D
Acq: 26 Oct 2022 17:14

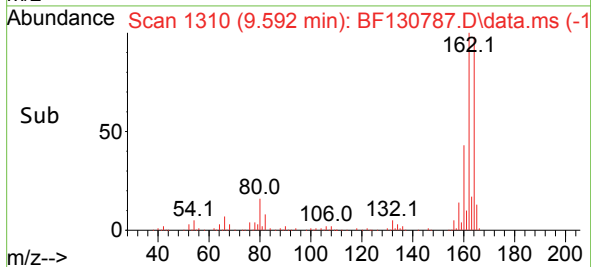
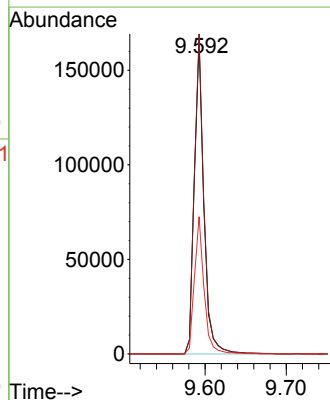
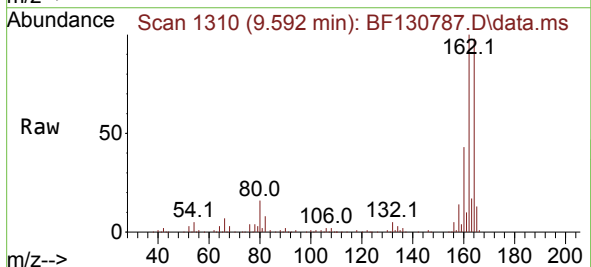
Instrument :
BNA_F
ClientSampleId :
SB-3

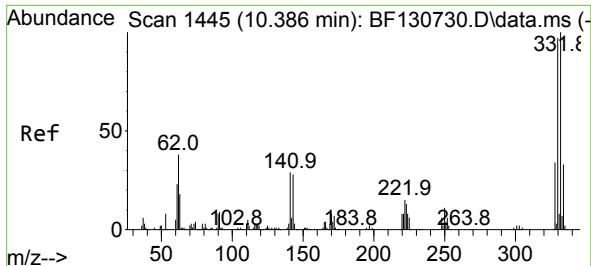
Tgt Ion: 82 Resp: 273720
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF130787.D
Acq: 26 Oct 2022 17:14

Tgt Ion:164 Resp: 136446
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 43.8 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 99.684 ng

RT: 10.387 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF130787.D

Acq: 26 Oct 2022 17:14

Instrument :

BNA_F

ClientSampleId :

SB-3

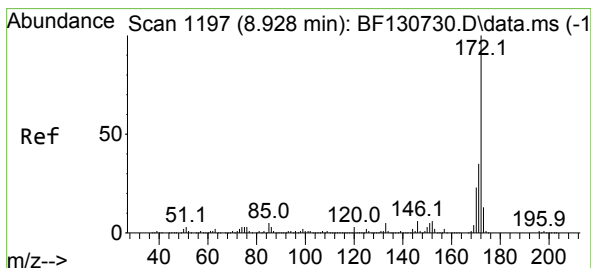
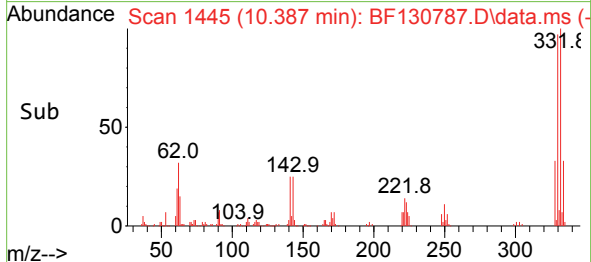
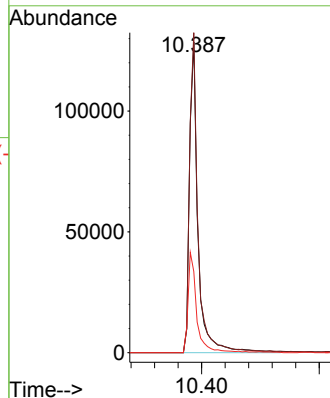
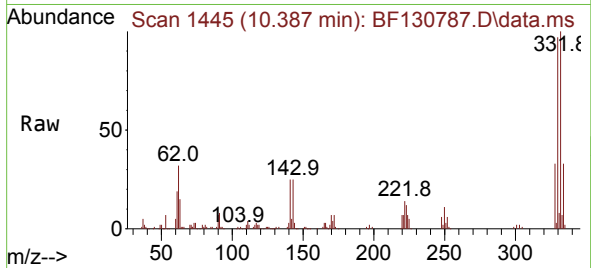
Tgt Ion:330 Resp: 129350

Ion Ratio Lower Upper

330 100

332 101.8 81.4 122.2

141 32.8 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 64.605 ng

RT: 8.922 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF130787.D

Acq: 26 Oct 2022 17:14

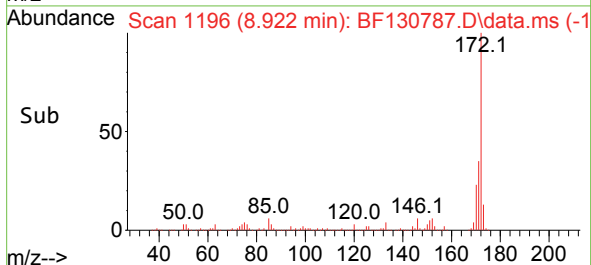
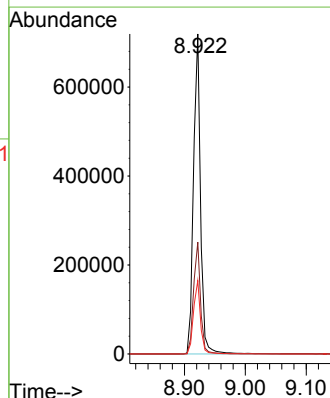
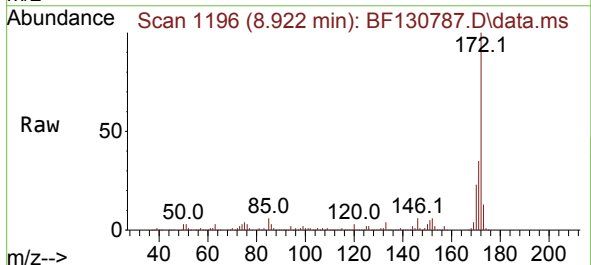
Tgt Ion:172 Resp: 578441

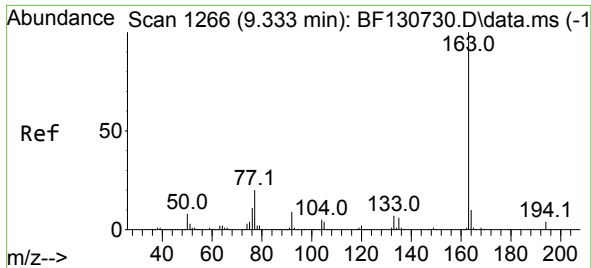
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 22.9 18.5 27.7

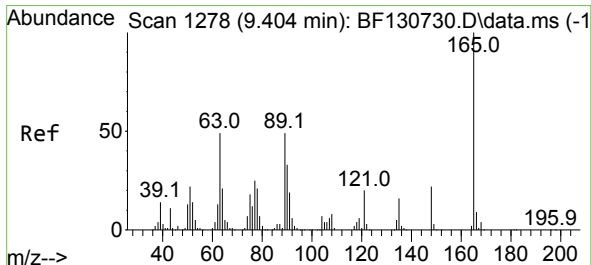
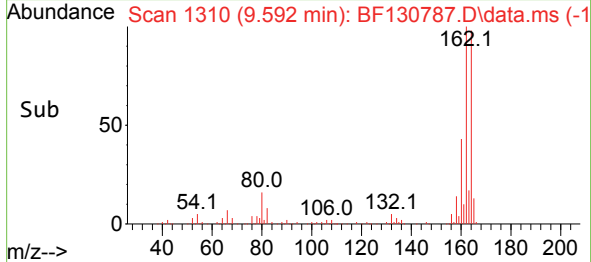
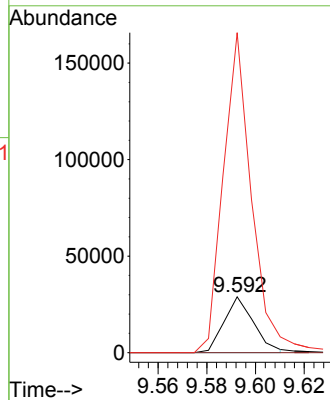
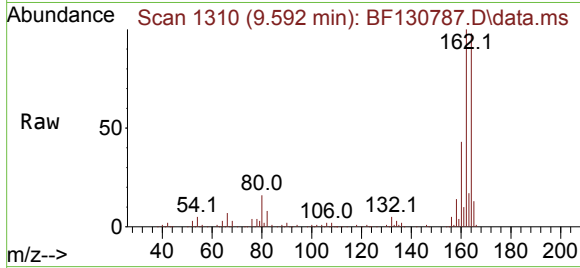




#50
Dimethylphthalate
Concen: 2.666 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF130787.D
Acq: 26 Oct 2022 17:14

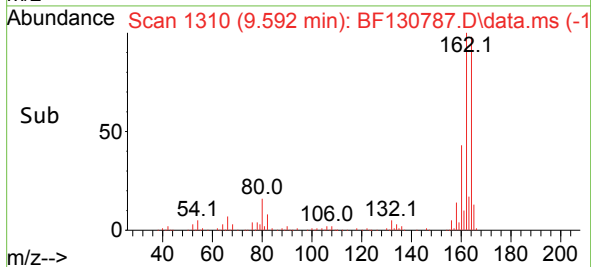
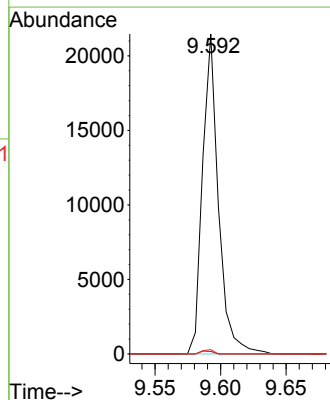
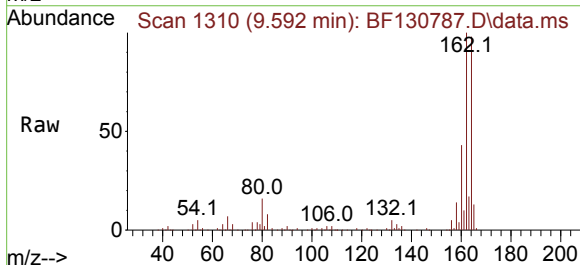
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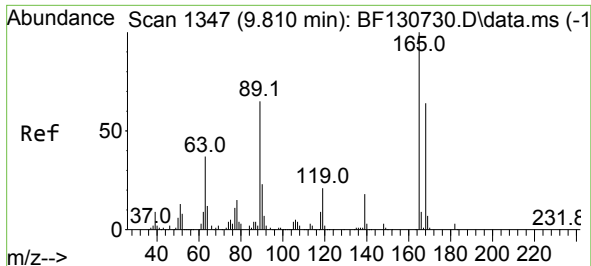
Tgt Ion:163 Resp: 24465
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 573.5 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.836 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.188 min
Lab File: BF130787.D
Acq: 26 Oct 2022 17:14

Tgt Ion:165 Resp: 18160
Ion Ratio Lower Upper
165 100
63 0.8 38.8 58.2#
89 1.4 39.4 59.2#

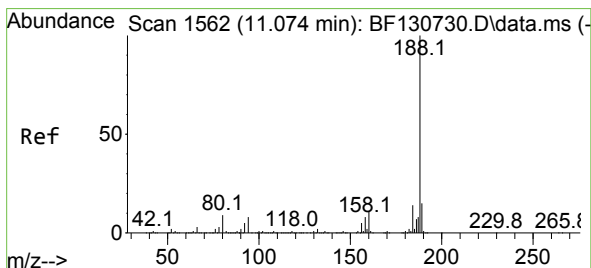
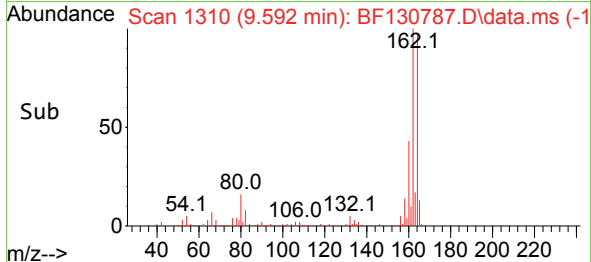
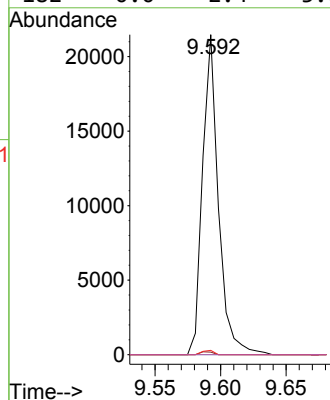
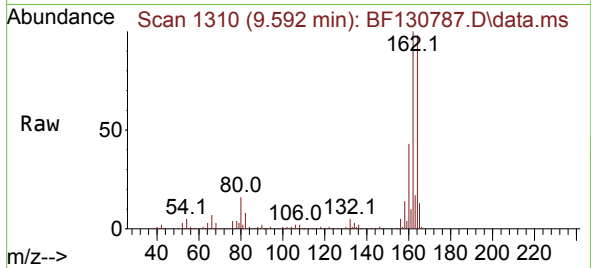




#57
2,4-Dinitrotoluene
Concen: 6.559 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.217 min
Lab File: BF130787.D
Acq: 26 Oct 2022 17:14

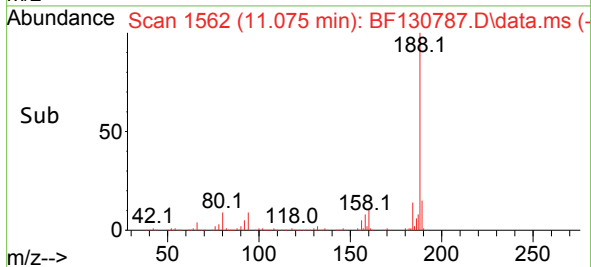
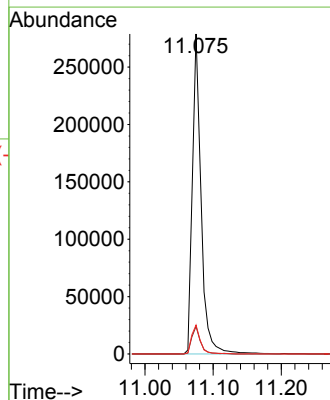
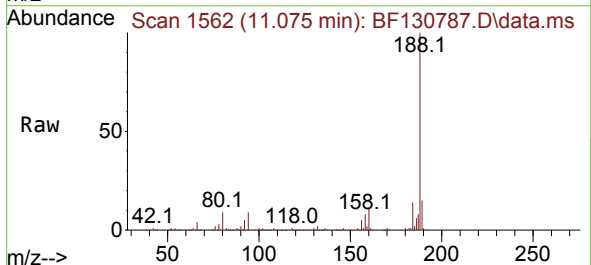
Instrument :
BNA_F
ClientSampleId :
SB-3

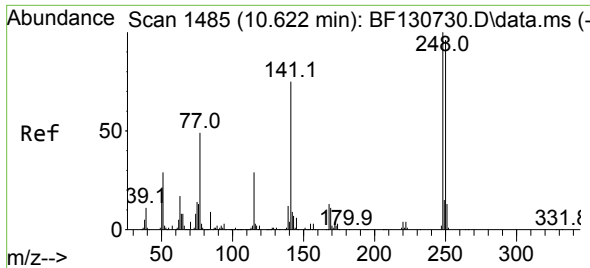
Tgt Ion:165 Resp: 18160
Ion Ratio Lower Upper
165 100
63 0.8 32.6 49.0#
89 1.4 51.9 77.9#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.075 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF130787.D
Acq: 26 Oct 2022 17:14

Tgt Ion:188 Resp: 246493
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.1 7.4 11.0

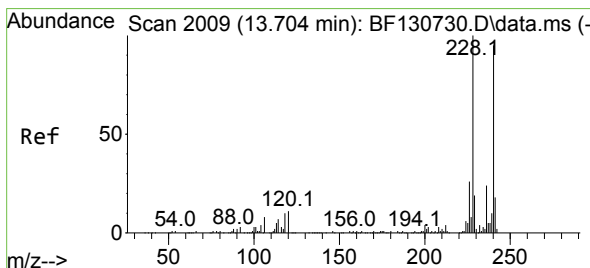
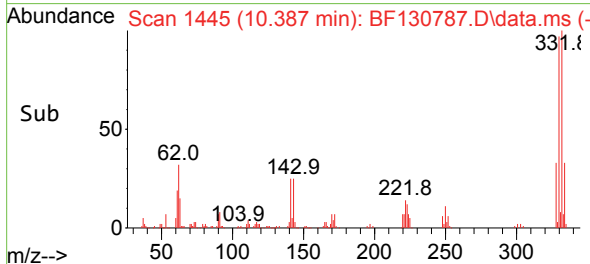
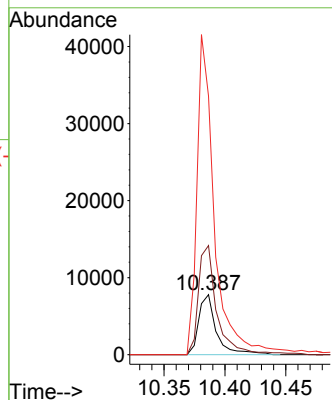
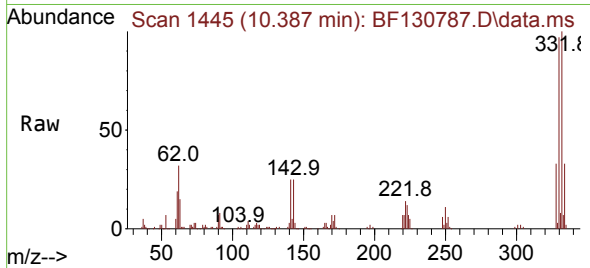




#67
4-Bromophenyl-phenylether
Concen: 2.657 ng
RT: 10.387 min Scan# 1485
Delta R.T. -0.235 min
Lab File: BF130787.D
Acq: 26 Oct 2022 17:14

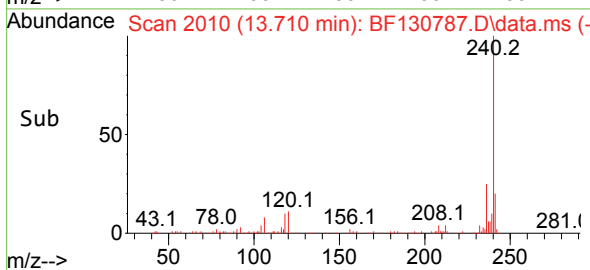
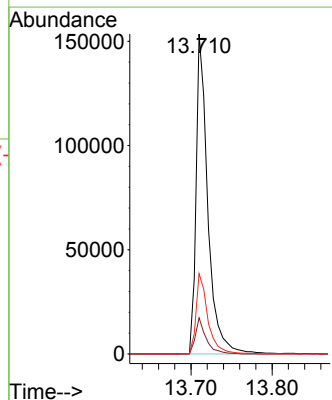
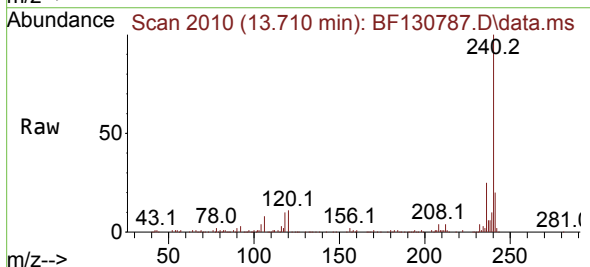
Instrument :
BNA_F
ClientSampleId :
SB-3

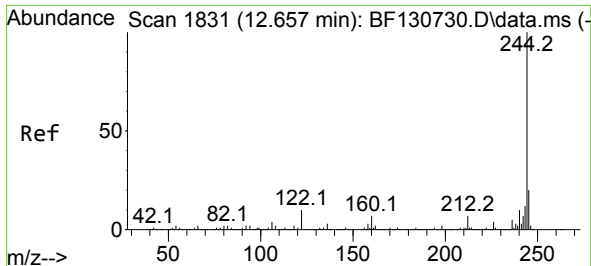
Tgt Ion:248 Resp: 7878
Ion Ratio Lower Upper
248 100
250 182.1 77.0 115.6#
141 431.2 60.1 90.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF130787.D
Acq: 26 Oct 2022 17:14

Tgt Ion:240 Resp: 154620
Ion Ratio Lower Upper
240 100
120 11.3 9.6 14.4
236 25.1 20.2 30.2

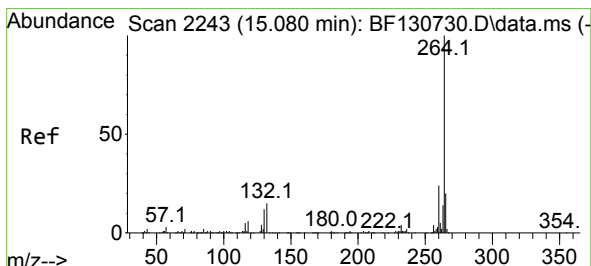
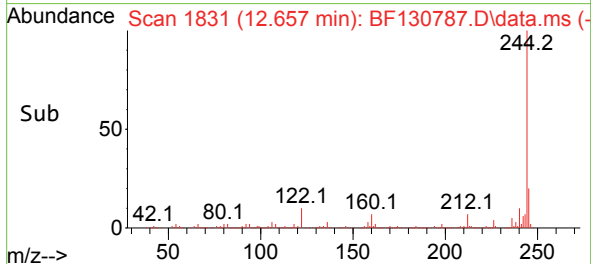
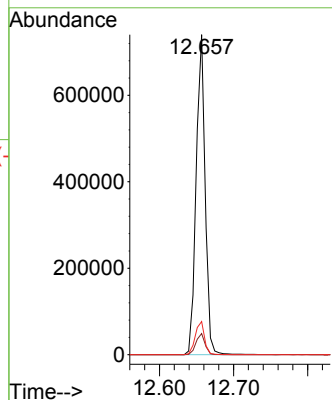
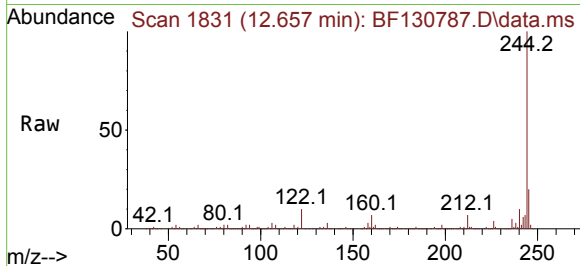




#79
 Terphenyl-d14
 Concen: 67.927 ng
 RT: 12.657 min Scan# 1831
 Delta R.T. 0.000 min
 Lab File: BF130787.D
 Acq: 26 Oct 2022 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Tgt Ion:244 Resp: 623248
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.4 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2246
 Delta R.T. 0.000 min
 Lab File: BF130787.D
 Acq: 26 Oct 2022 17:14

Tgt Ion:264 Resp: 116967
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 22.3 16.2 24.4

