

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130785.D
 Acq On : 26 Oct 2022 16:04
 Operator : CG\JU
 Sample : N5281-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Oct 27 09:03:28 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)

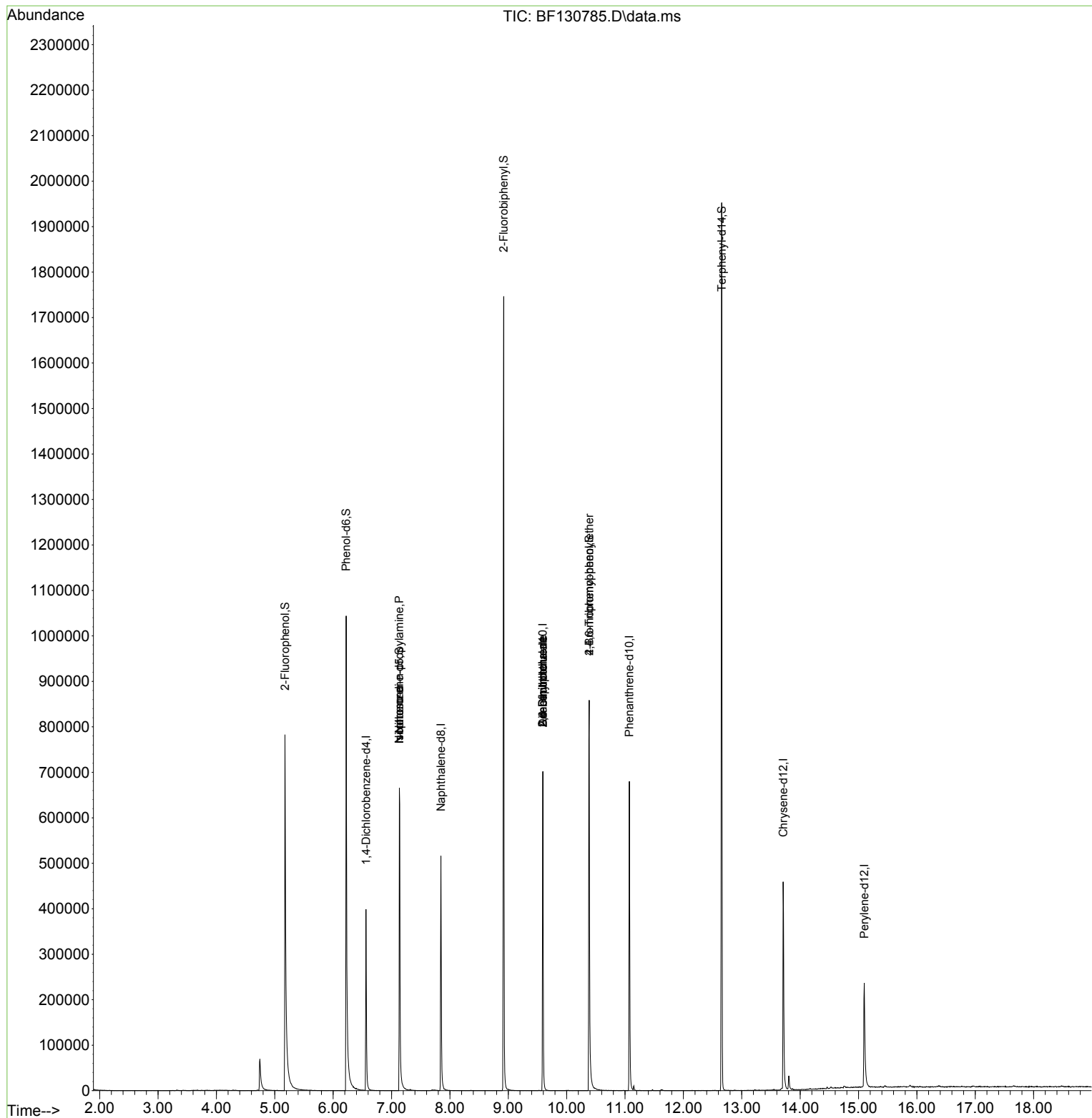
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	59833	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	246423	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	141733	20.000	ng	0.00
64) Phenanthrene-d10	11.074	188	253423	20.000	ng	0.00
76) Chrysene-d12	13.710	240	177322	20.000	ng	0.00
86) Perylene-d12	15.098	264	125000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	312121	89.954	ng	0.00
7) Phenol-d6	6.222	99	406054	96.722	ng	0.00
23) Nitrobenzene-d5	7.133	82	249253	53.657	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	127590	94.660	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	530222	57.010	ng	0.00
79) Terphenyl-d14	12.657	244	619655	58.889	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.133	70	33114	11.673	ng	# 77
25) Isophorone	7.133	82	249253	32.566	ng	# 65
50) Dimethylphthalate	9.592	163	25615	2.687	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	18030	8.445	ng	# 30
57) 2,4-Dinitrotoluene	9.592	165	18030	6.270	ng	# 28
67) 4-Bromophenyl-phenylether	10.386	248	7648	2.509	ng	# 1
77) Benzidine	12.657	184	8204	Below Cal		# 94

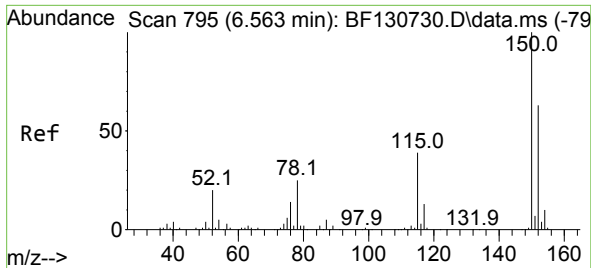
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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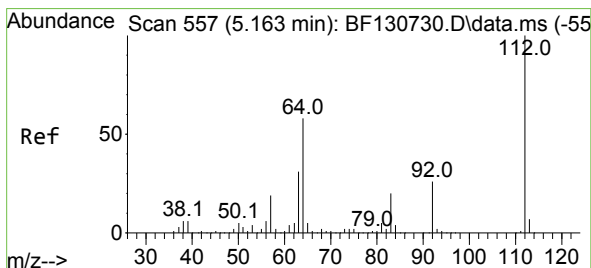
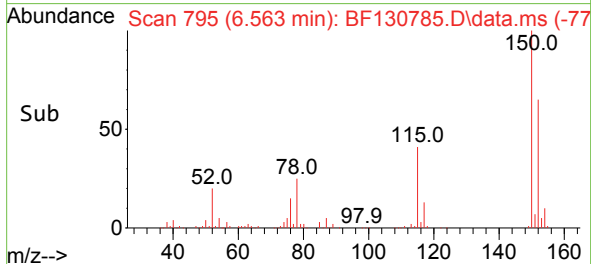
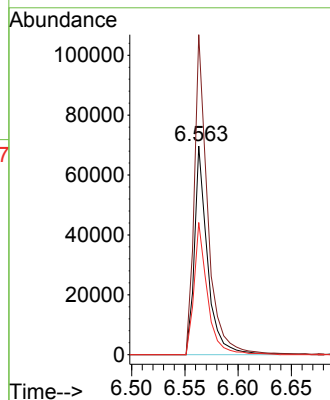
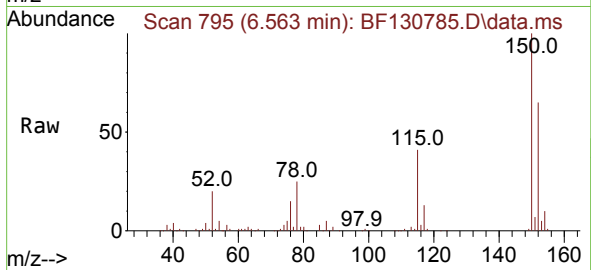




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130785.D
Acq: 26 Oct 2022 16:04

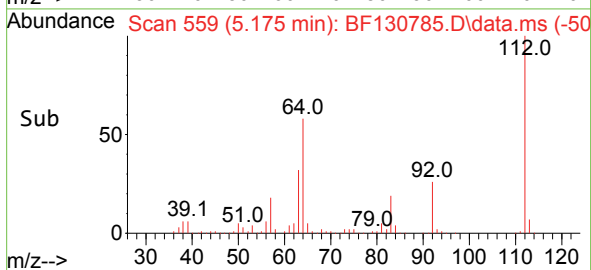
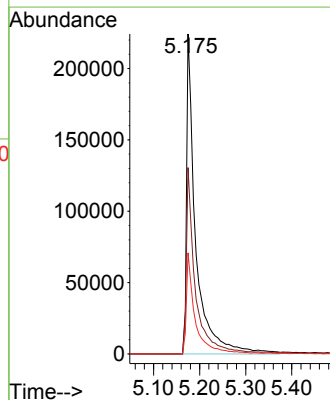
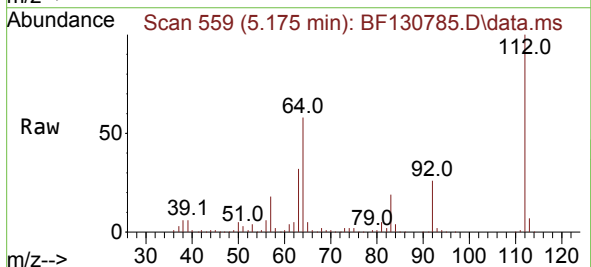
Instrument :
BNA_F
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SB-1

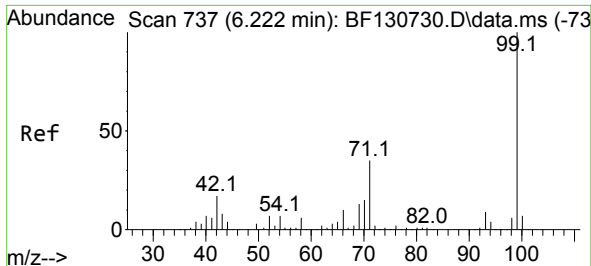
Tgt Ion:152 Resp: 59833
Ion Ratio Lower Upper
152 100
150 153.4 127.0 190.6
115 63.4 49.9 74.9



#5
2-Fluorophenol
Concen: 89.954 ng
RT: 5.175 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF130785.D
Acq: 26 Oct 2022 16:04

Tgt Ion:112 Resp: 312121
Ion Ratio Lower Upper
112 100
64 58.2 46.2 69.4
63 31.6 25.1 37.7

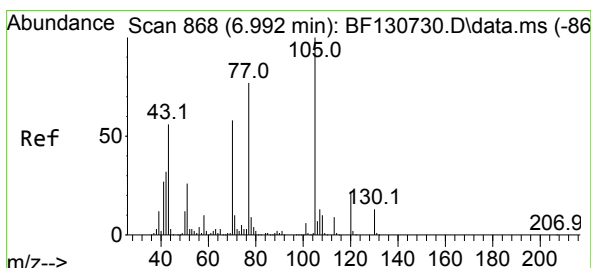
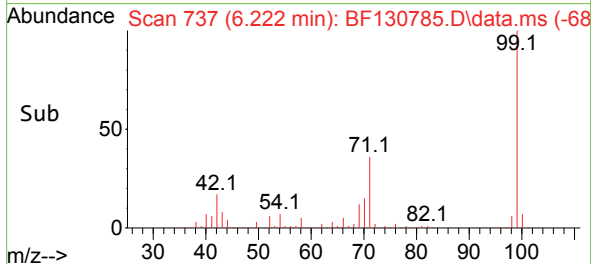
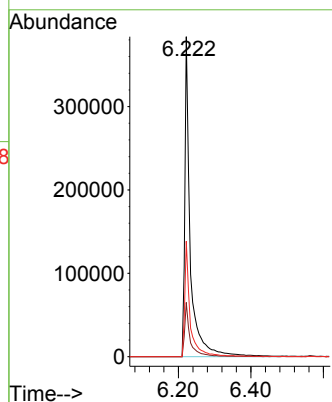
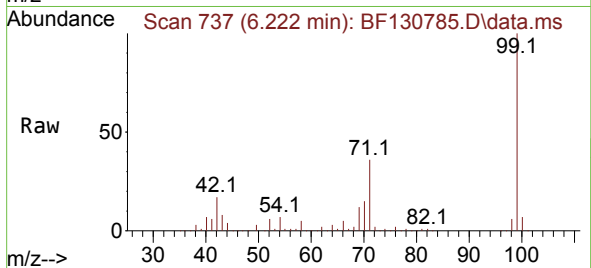




#7
Phenol-d6
Concen: 96.722 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130785.D
Acq: 26 Oct 2022 16:04

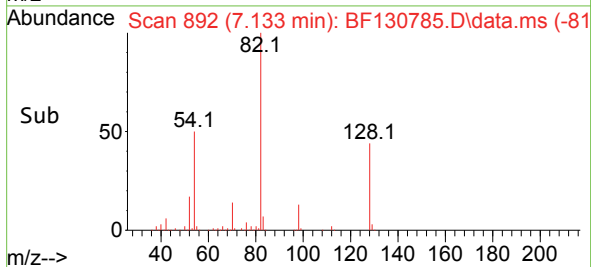
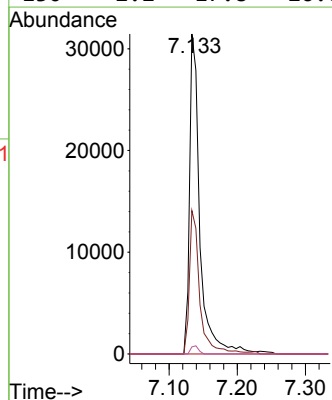
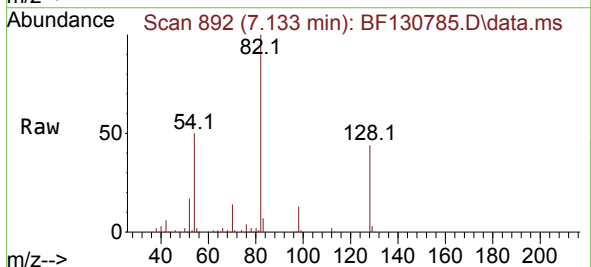
Instrument :
BNA_F
ClientSampleId :
SB-1

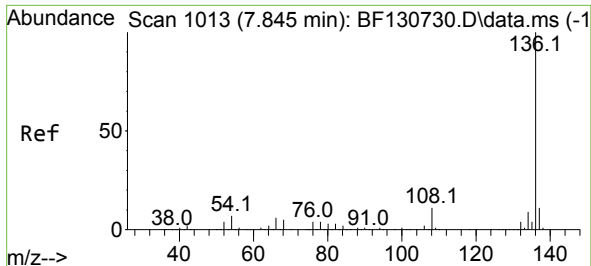
Tgt Ion: 99 Resp: 406054
Ion Ratio Lower Upper
99 100
42 16.9 13.8 20.8
71 36.1 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.673 ng
RT: 7.133 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF130785.D
Acq: 26 Oct 2022 16:04

Tgt Ion: 70 Resp: 33114
Ion Ratio Lower Upper
70 100
42 44.8 44.1 66.1
101 0.0 8.3 12.5#
130 2.2 17.8 26.6#

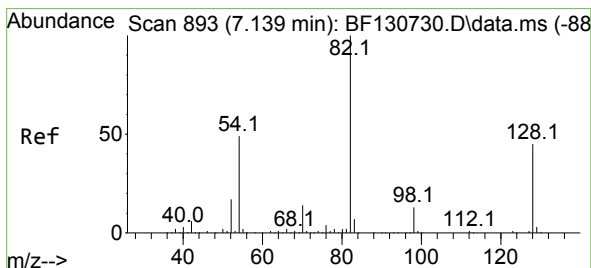
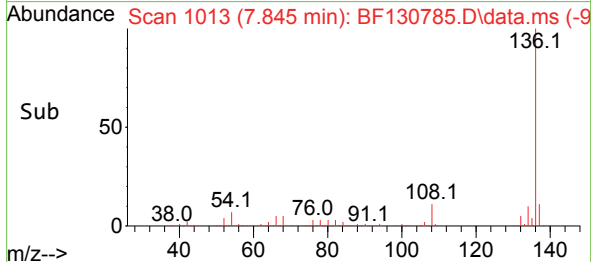
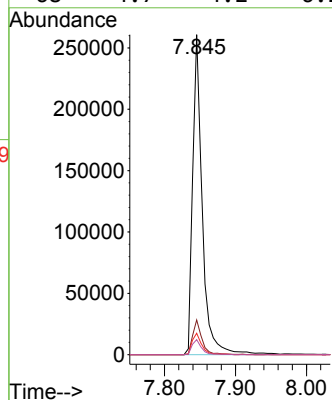
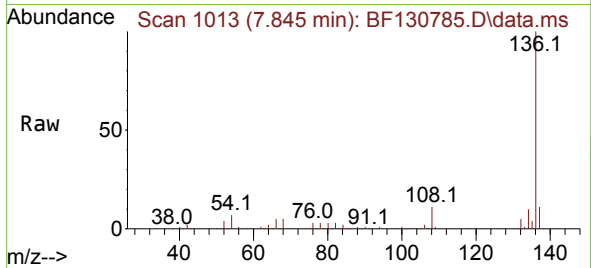




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF130785.D
Acq: 26 Oct 2022 16:04

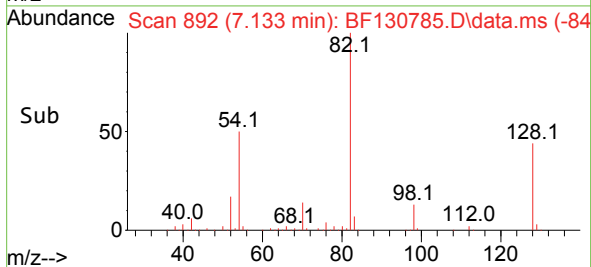
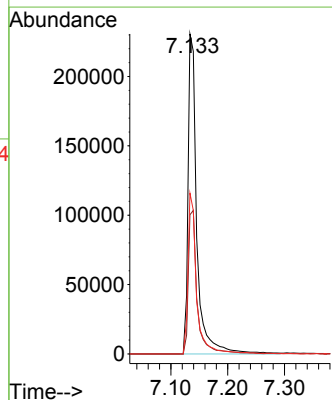
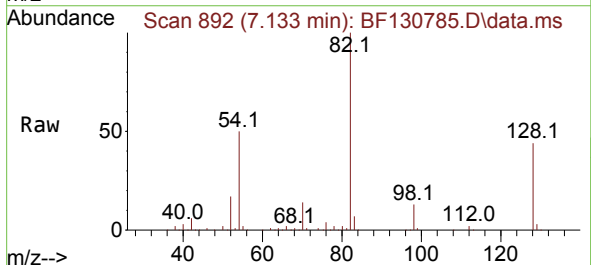
Instrument :
BNA_F
ClientSampleId :
SB-1

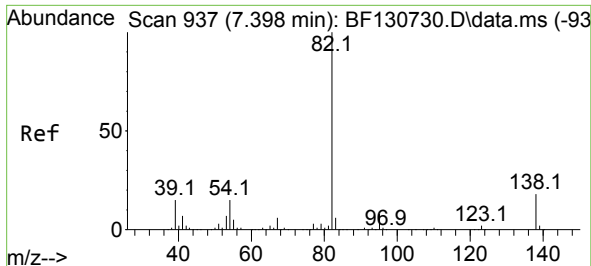
Tgt Ion:136 Resp: 246423
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 6.7 5.8 8.8
68 4.7 4.2 6.2



#23
Nitrobenzene-d5
Concen: 53.657 ng
RT: 7.133 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF130785.D
Acq: 26 Oct 2022 16:04

Tgt Ion: 82 Resp: 249253
Ion Ratio Lower Upper
82 100
128 43.5 35.9 53.9
54 50.3 39.2 58.8

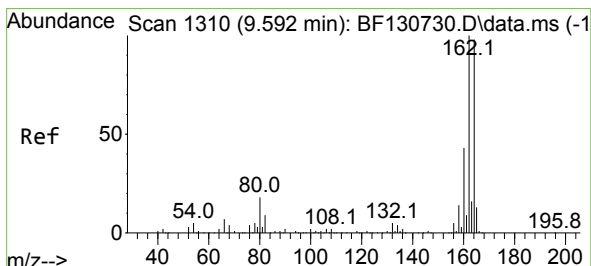
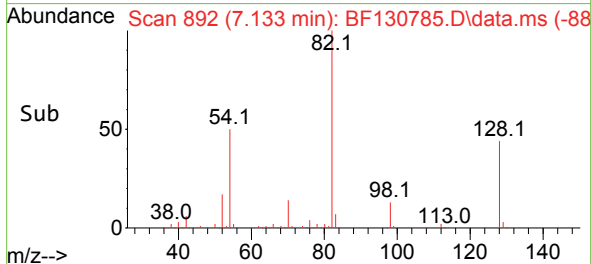
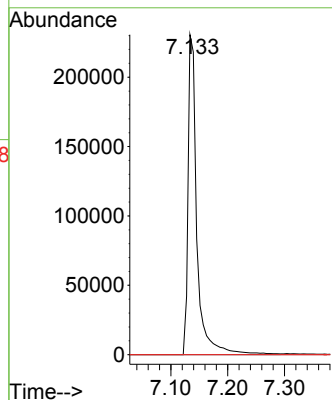
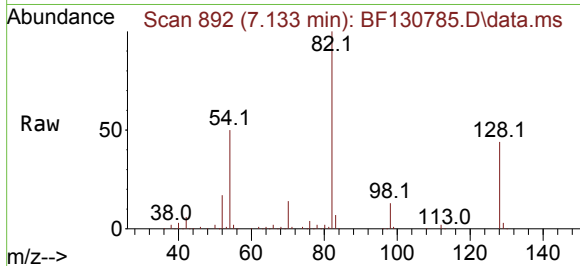




#25
Isophorone
Concen: 32.566 ng
RT: 7.133 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF130785.D
Acq: 26 Oct 2022 16:04

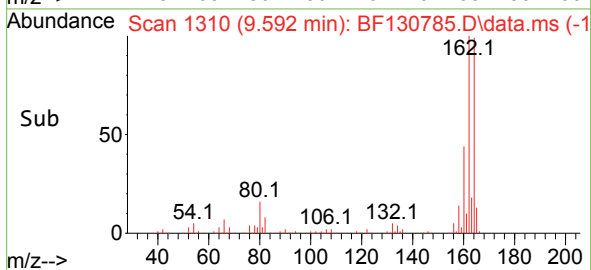
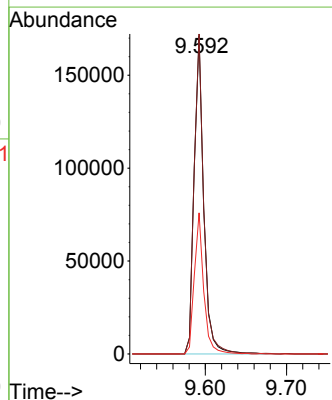
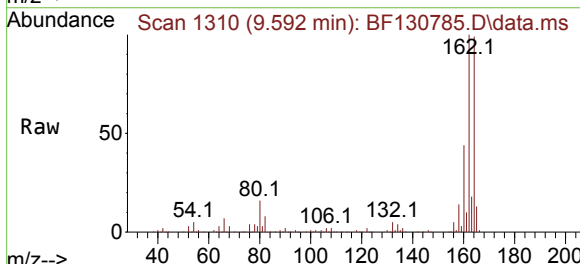
Instrument :
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ClientSampleId :
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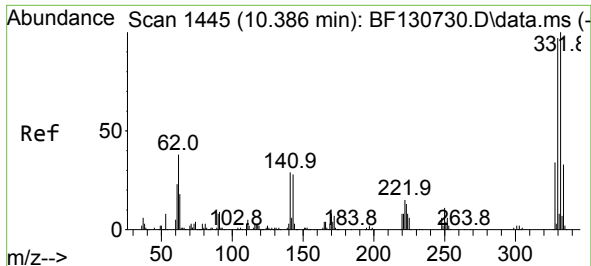
Tgt Ion: 82 Resp: 249253
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF130785.D
Acq: 26 Oct 2022 16:04

Tgt Ion:164 Resp: 141733
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 44.4 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 94.660 ng

RT: 10.386 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF130785.D

Acq: 26 Oct 2022 16:04

Instrument :

BNA_F

ClientSampleId :

SB-1

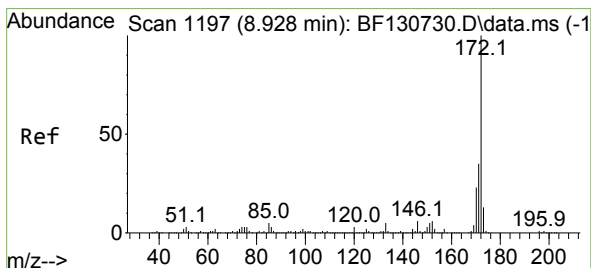
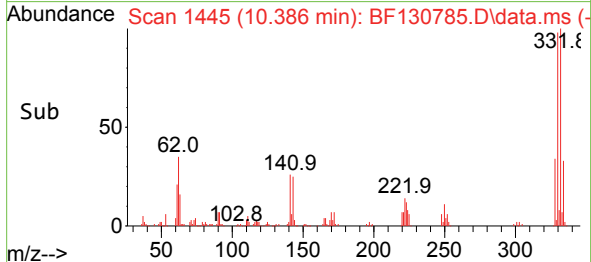
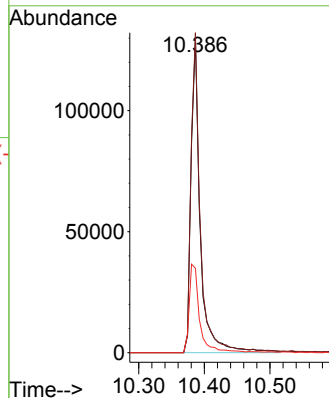
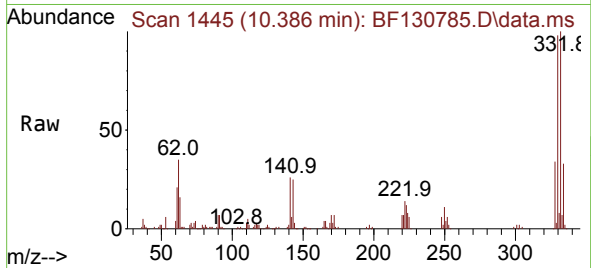
Tgt Ion:330 Resp: 127590

Ion Ratio Lower Upper

330 100

332 103.6 81.4 122.2

141 31.4 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 57.010 ng

RT: 8.922 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF130785.D

Acq: 26 Oct 2022 16:04

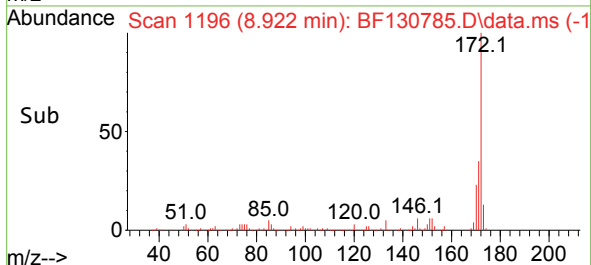
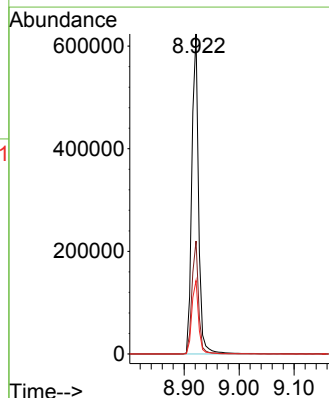
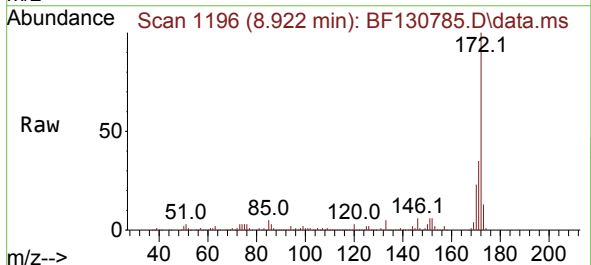
Tgt Ion:172 Resp: 530222

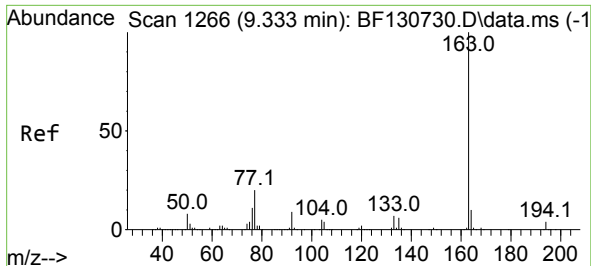
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.0 18.5 27.7

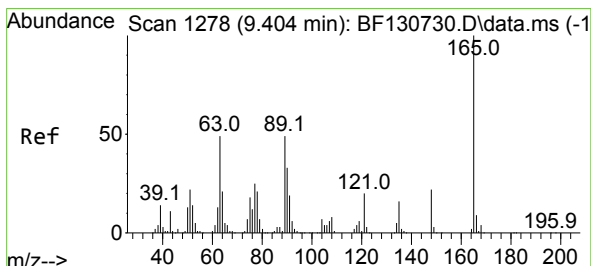
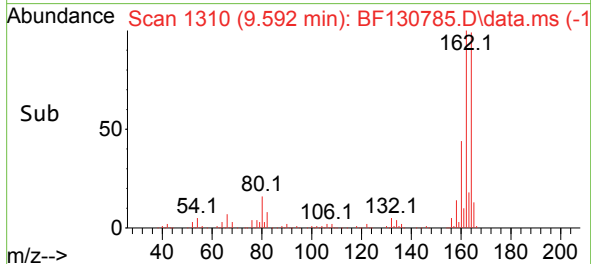
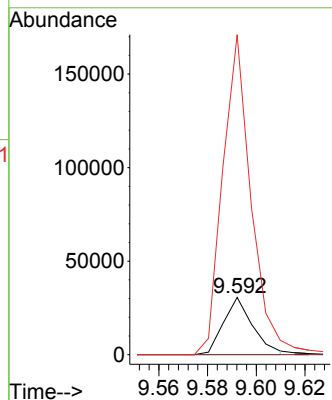
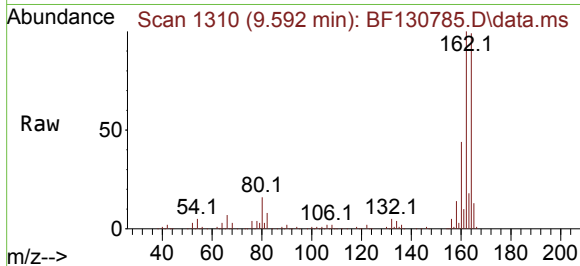




#50
Dimethylphthalate
Concen: 2.687 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF130785.D
Acq: 26 Oct 2022 16:04

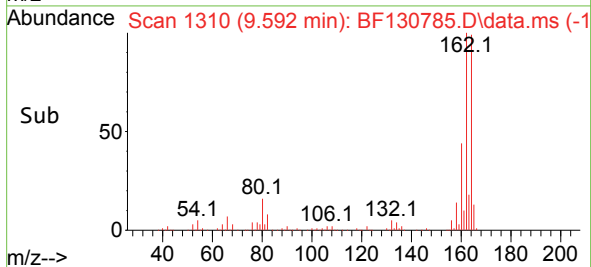
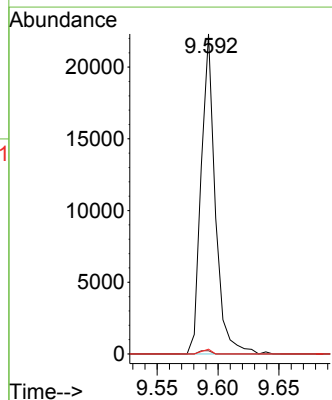
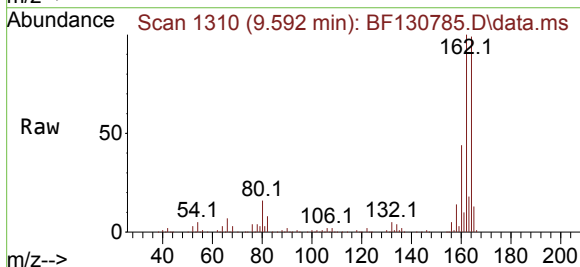
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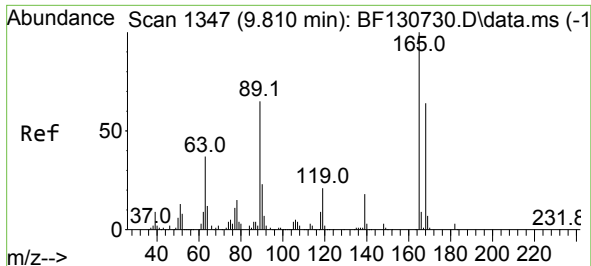
Tgt Ion:163 Resp: 25615
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 559.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.445 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.188 min
Lab File: BF130785.D
Acq: 26 Oct 2022 16:04

Tgt Ion:165 Resp: 18030
Ion Ratio Lower Upper
165 100
63 1.0 38.8 58.2#
89 1.5 39.4 59.2#

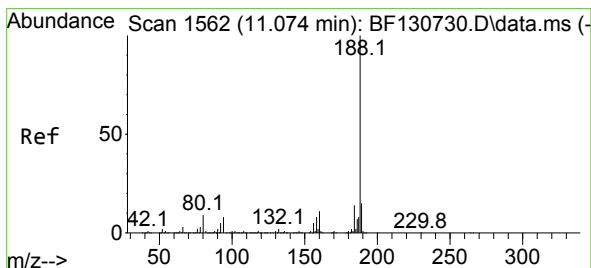
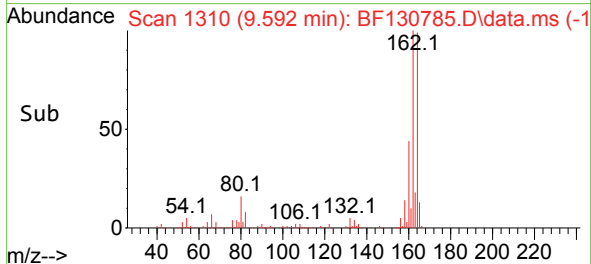
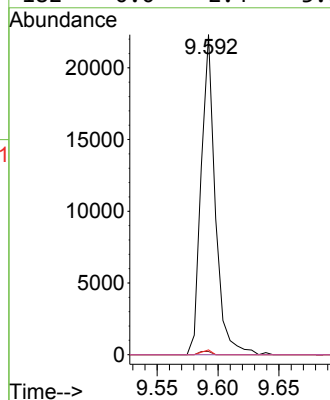
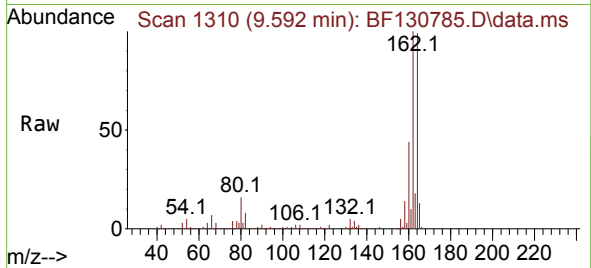




#57
2,4-Dinitrotoluene
Concen: 6.270 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF130785.D
Acq: 26 Oct 2022 16:04

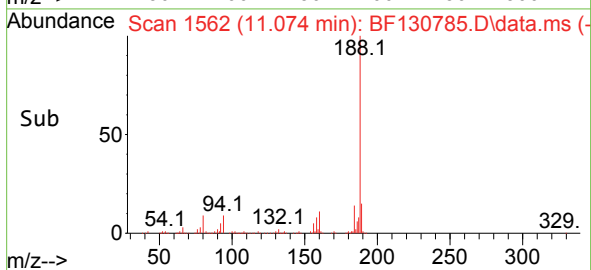
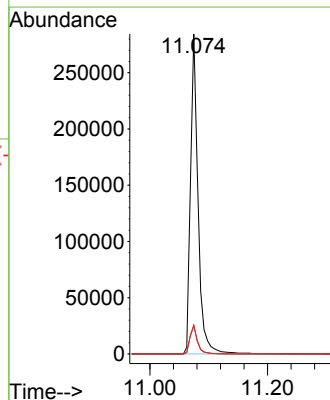
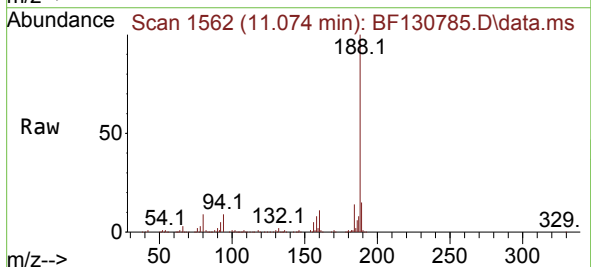
Instrument :
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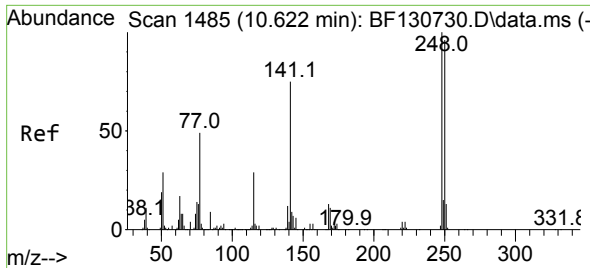
Tgt Ion:165 Resp: 18030
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.5 51.9 77.9#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.074 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF130785.D
Acq: 26 Oct 2022 16:04

Tgt Ion:188 Resp: 253423
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.0 7.4 11.0

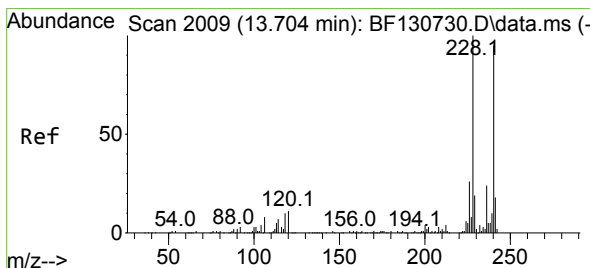
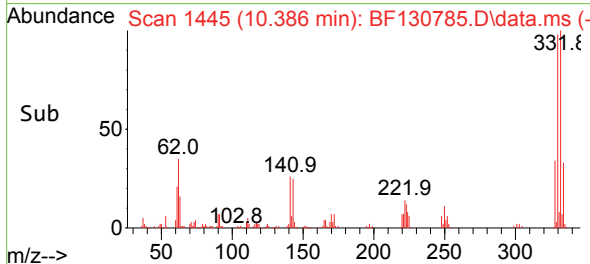
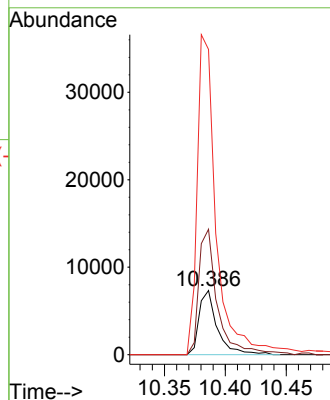
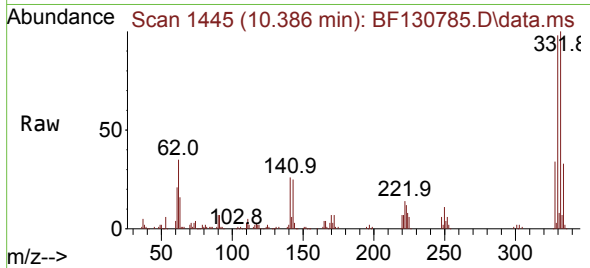




#67
4-Bromophenyl-phenylether
Concen: 2.509 ng
RT: 10.386 min Scan# 1485
Delta R.T. -0.235 min
Lab File: BF130785.D
Acq: 26 Oct 2022 16:04

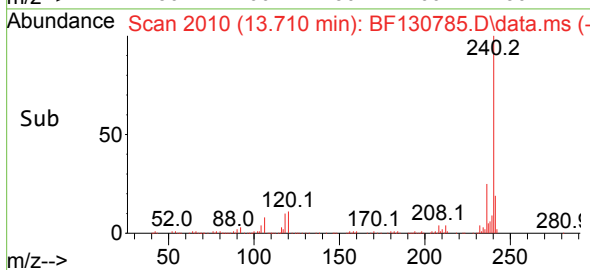
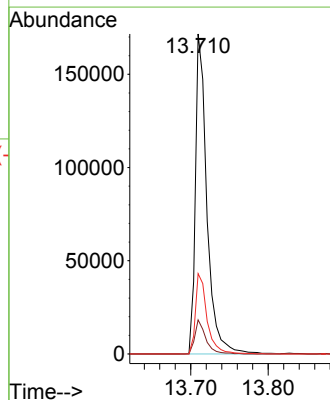
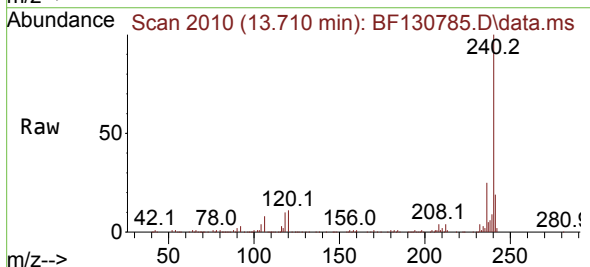
Instrument :
BNA_F
ClientSampleId :
SB-1

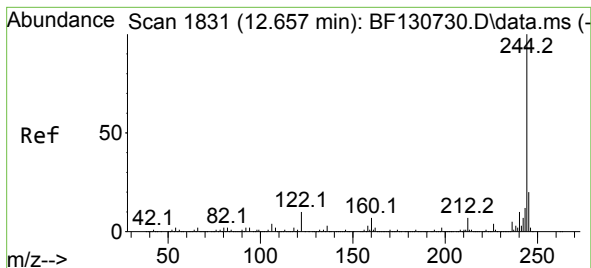
Tgt Ion:248 Resp: 7648
Ion Ratio Lower Upper
248 100
250 195.7 77.0 115.6#
141 475.9 60.1 90.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF130785.D
Acq: 26 Oct 2022 16:04

Tgt Ion:240 Resp: 177322
Ion Ratio Lower Upper
240 100
120 10.7 9.6 14.4
236 25.1 20.2 30.2





#79

Terphenyl-d14

Concen: 58.889 ng

RT: 12.657 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF130785.D

Acq: 26 Oct 2022 16:04

Instrument :

BNA_F

ClientSampleId :

SB-1

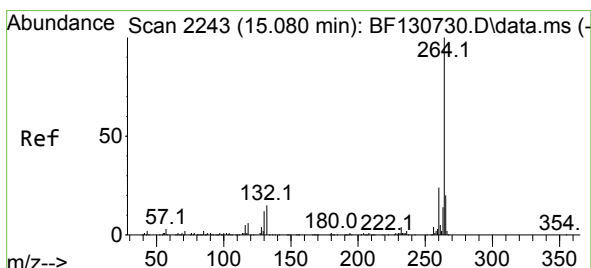
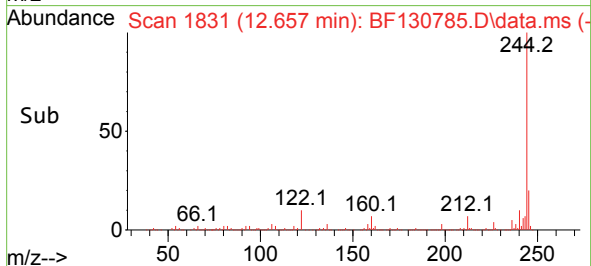
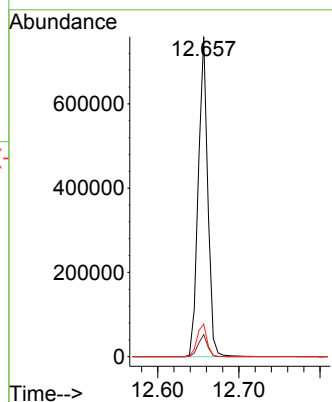
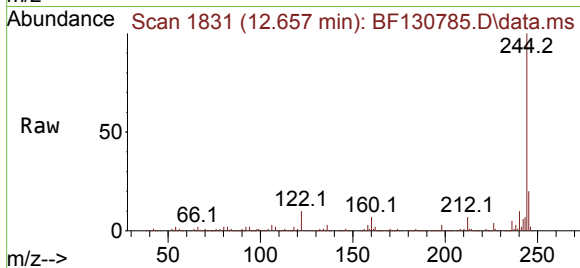
Tgt Ion:244 Resp: 619655

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 10.2 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: BF130785.D

Acq: 26 Oct 2022 16:04

Tgt Ion:264 Resp: 125000

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 20.9 16.2 24.4

