

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130782.D
 Acq On : 26 Oct 2022 13:12
 Operator : CG\JU
 Sample : PB148536BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148536BL

Quant Time: Oct 27 09:02:26 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)

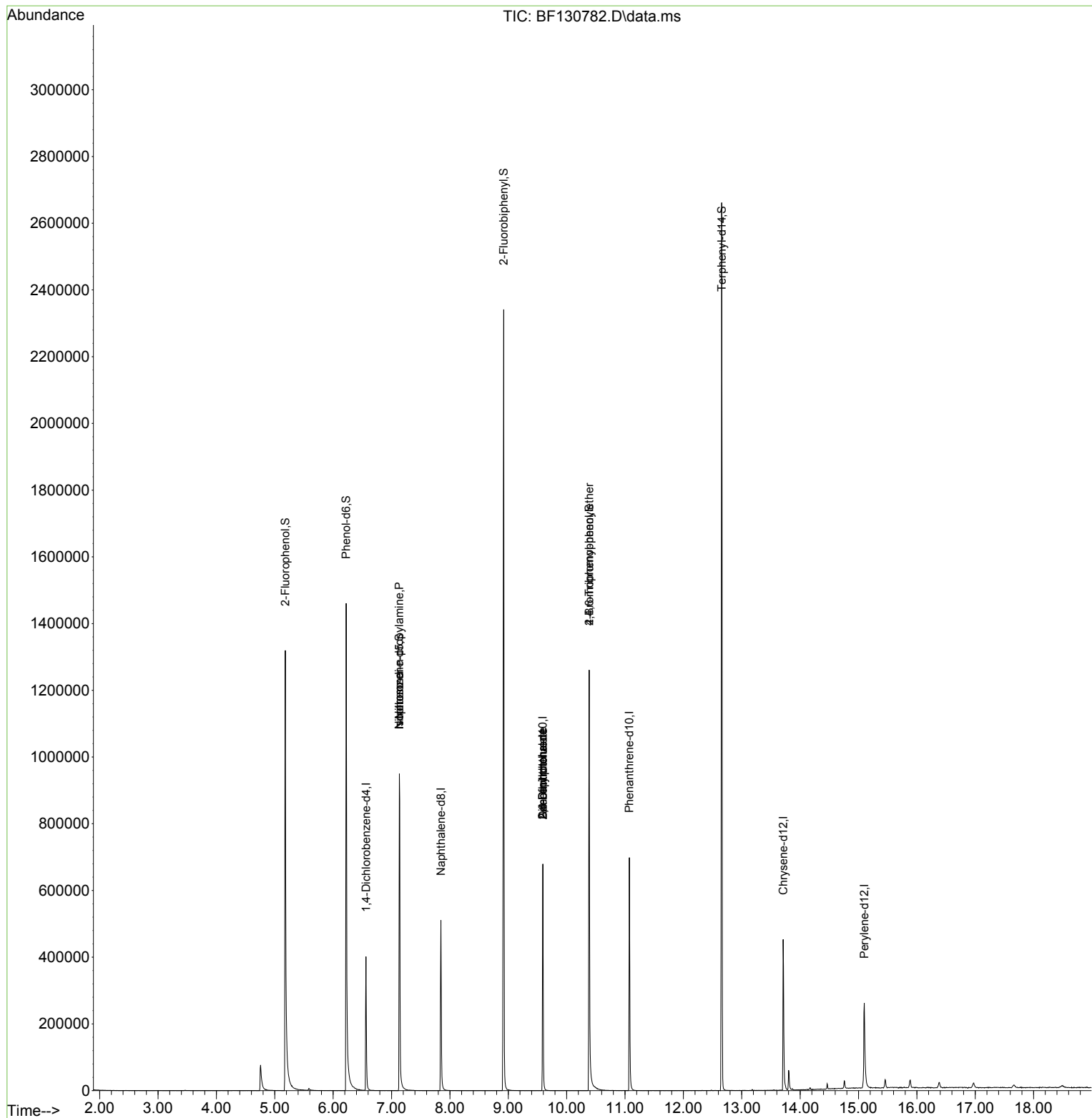
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	64384	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	258231	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	141043	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	257225	20.000	ng	0.00
76) Chrysene-d12	13.710	240	178156	20.000	ng	0.00
86) Perylene-d12	15.098	264	137188	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	476618	127.653	ng	0.00
7) Phenol-d6	6.222	99	583964	129.268	ng	0.00
23) Nitrobenzene-d5	7.134	82	360569	74.071	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	167129	124.601	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	755989	81.683	ng	0.00
79) Terphenyl-d14	12.657	244	918107	86.844	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.134	70	48976	16.044	ng	# 76
25) Isophorone	7.134	82	360566	44.956	ng	# 65
50) Dimethylphthalate	9.592	163	25875	2.727	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	18438	8.679	ng	# 30
57) 2,4-Dinitrotoluene	9.592	165	18438	6.443	ng	# 27
67) 4-Bromophenyl-phenylether	10.386	248	10660	3.445	ng	# 1
77) Benzidine	12.657	184	12064	Below Cal		# 94

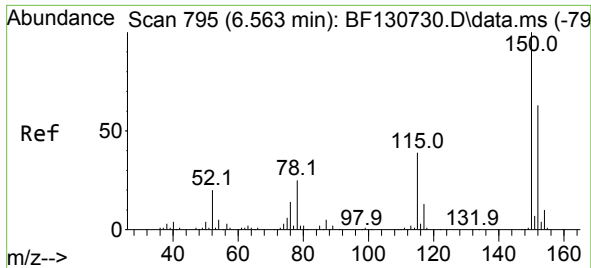
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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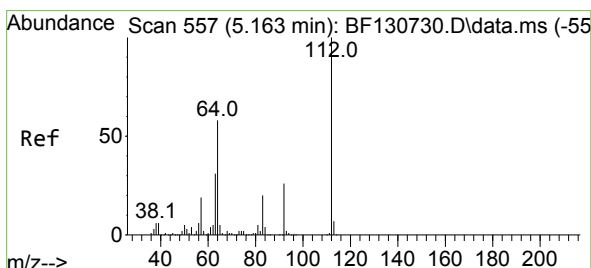
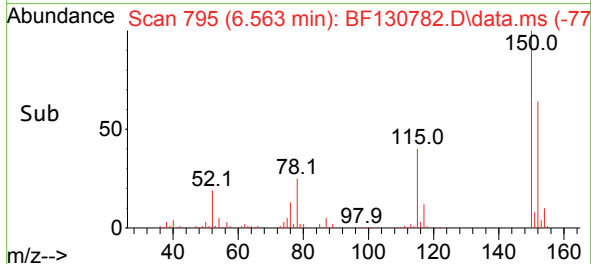
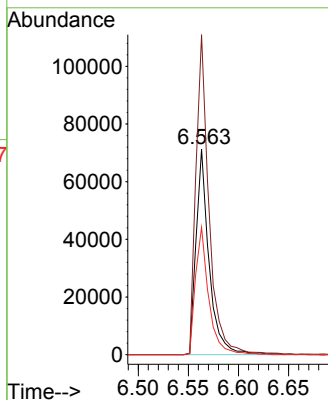
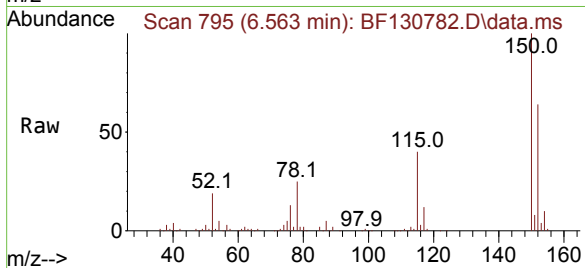




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130782.D
Acq: 26 Oct 2022 13:12

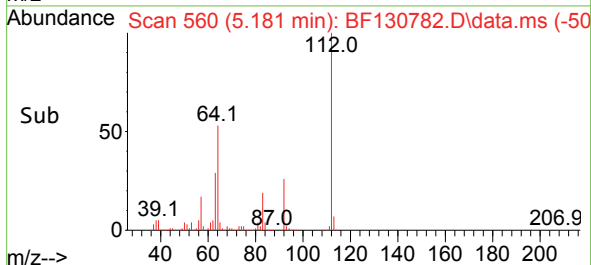
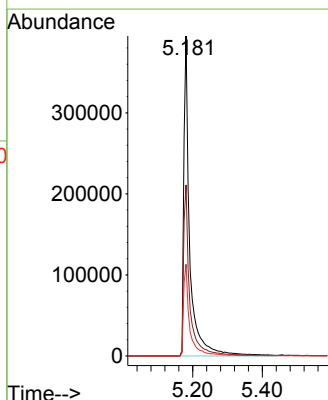
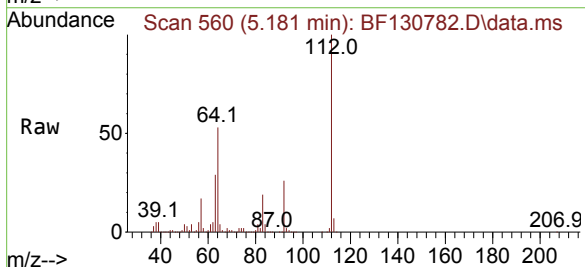
Instrument :
BNA_F
ClientSampleId :
PB148536BL

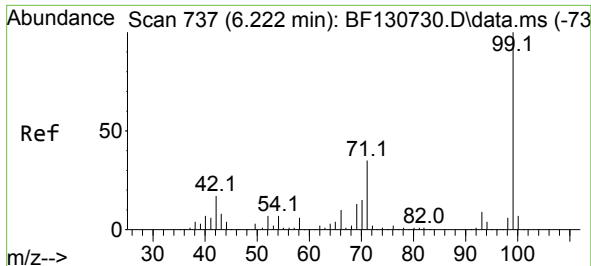
Tgt Ion:152 Resp: 64384
Ion Ratio Lower Upper
152 100
150 155.6 127.0 190.6
115 61.9 49.9 74.9



#5
2-Fluorophenol
Concen: 127.653 ng
RT: 5.181 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF130782.D
Acq: 26 Oct 2022 13:12

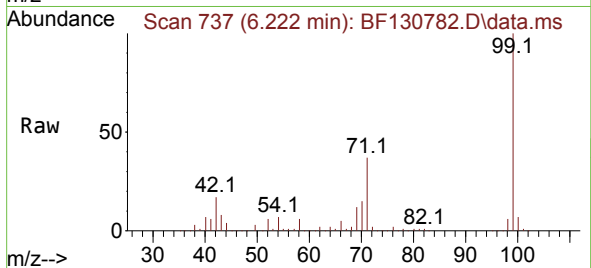
Tgt Ion:112 Resp: 476618
Ion Ratio Lower Upper
112 100
64 53.5 46.2 69.4
63 28.6 25.1 37.7



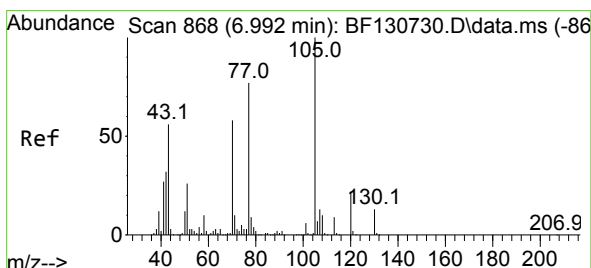
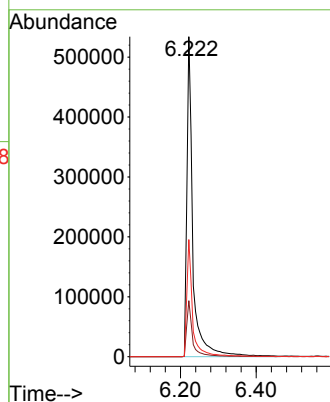
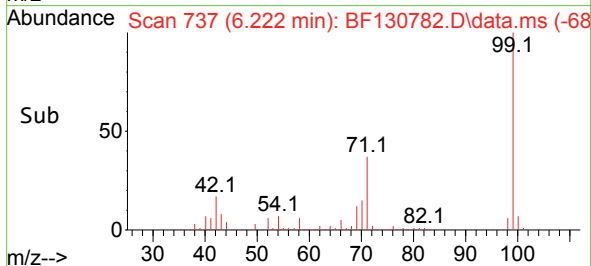


#7
Phenol-d6
Concen: 129.268 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130782.D
Acq: 26 Oct 2022 13:12

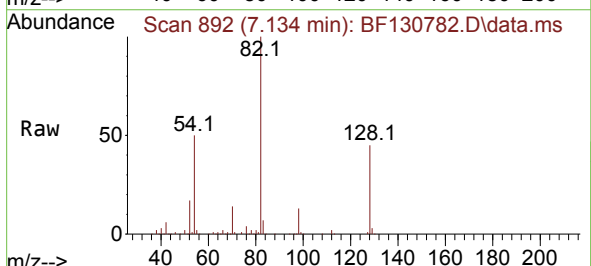
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BNA_F
ClientSampleId :
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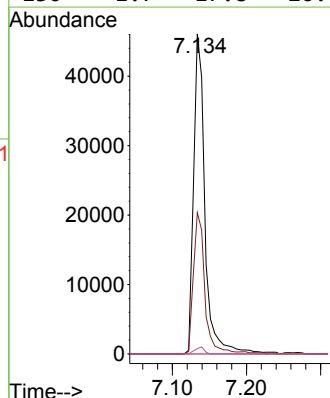
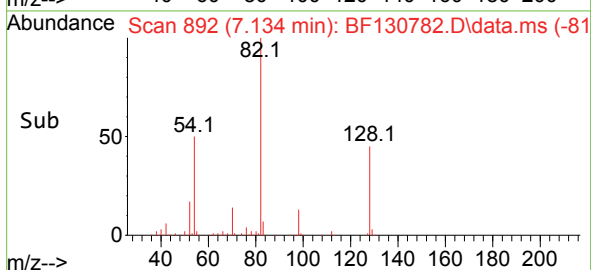
Tgt Ion: 99 Resp: 583964
Ion Ratio Lower Upper
99 100
42 17.5 13.8 20.8
71 36.6 28.3 42.5

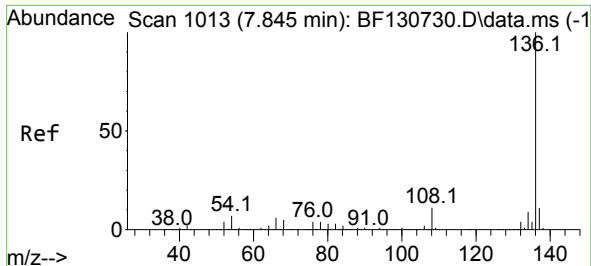


#19
n-Nitroso-di-n-propylamine
Concen: 16.044 ng
RT: 7.134 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF130782.D
Acq: 26 Oct 2022 13:12



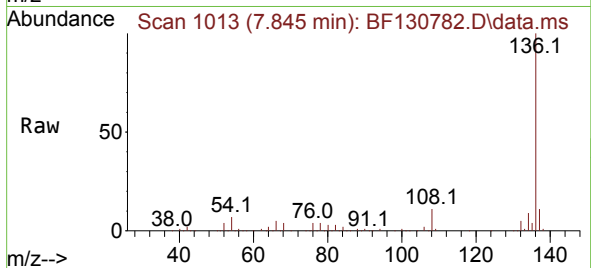
Tgt Ion: 70 Resp: 48976
Ion Ratio Lower Upper
70 100
42 44.1 44.1 66.1
101 0.0 8.3 12.5#
130 1.7 17.8 26.6#



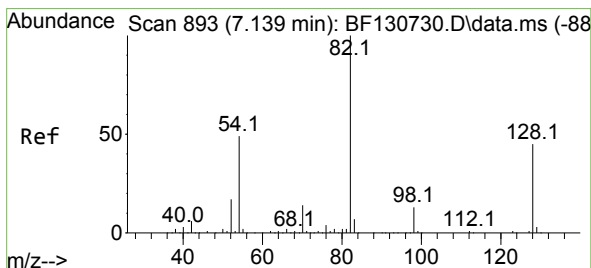
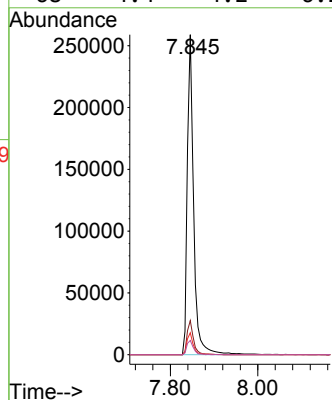
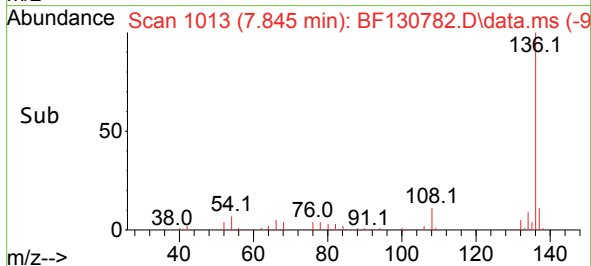


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130782.D
Acq: 26 Oct 2022 13:12

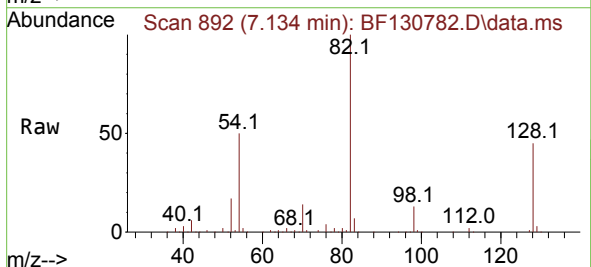
Instrument :
BNA_F
ClientSampleId :
PB148536BL



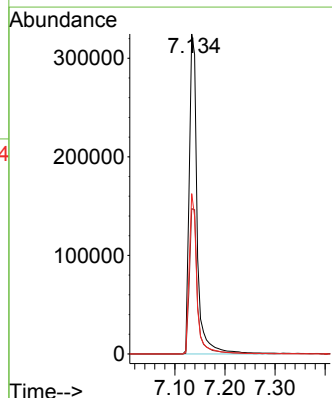
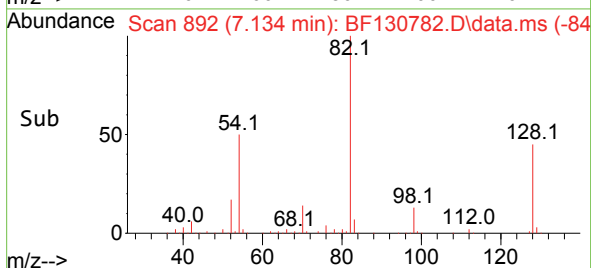
Tgt Ion:136 Resp: 258231
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.9 5.8 8.8
68 4.4 4.2 6.2

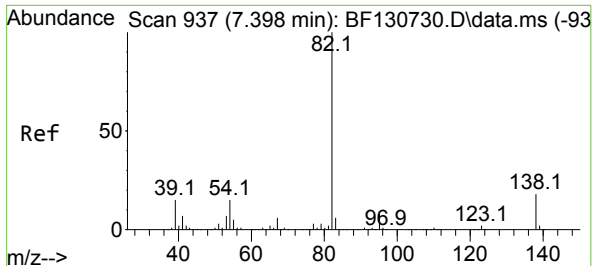


#23
Nitrobenzene-d5
Concen: 74.071 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF130782.D
Acq: 26 Oct 2022 13:12



Tgt Ion: 82 Resp: 360569
Ion Ratio Lower Upper
82 100
128 45.4 35.9 53.9
54 50.1 39.2 58.8

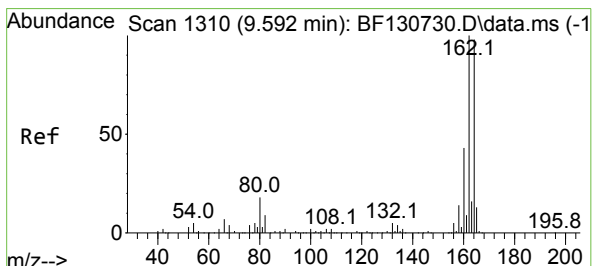
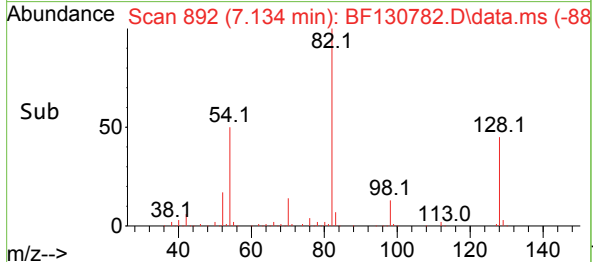
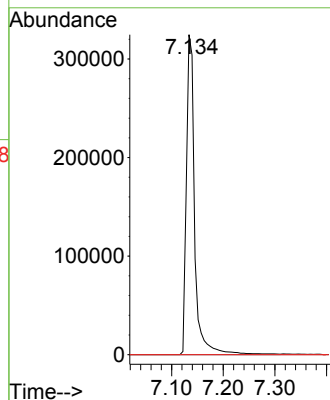
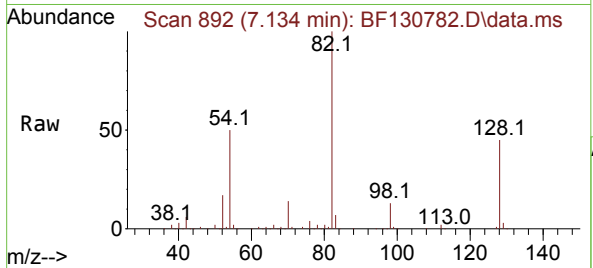




#25
Isophorone
Concen: 44.956 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF130782.D
Acq: 26 Oct 2022 13:12

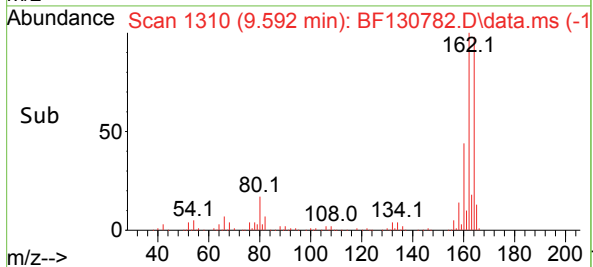
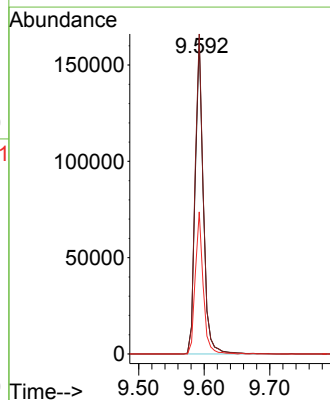
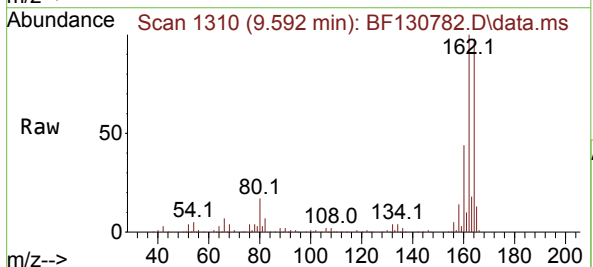
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ClientSampleId :
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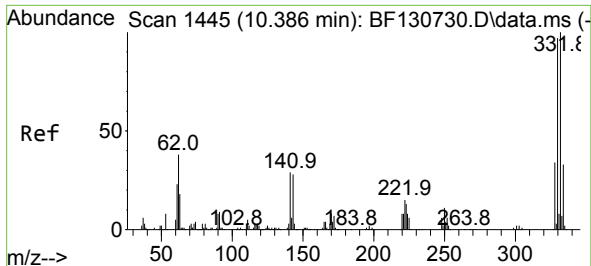
Tgt Ion: 82 Resp: 360566
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF130782.D
Acq: 26 Oct 2022 13:12

Tgt Ion:164 Resp: 141043
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 45.1 35.0 52.4

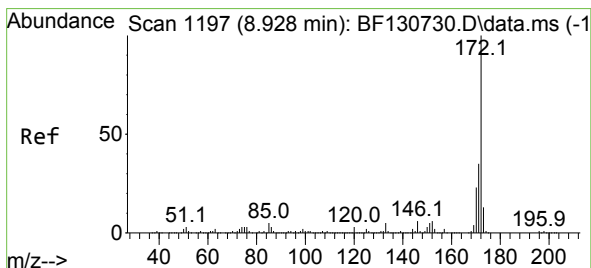
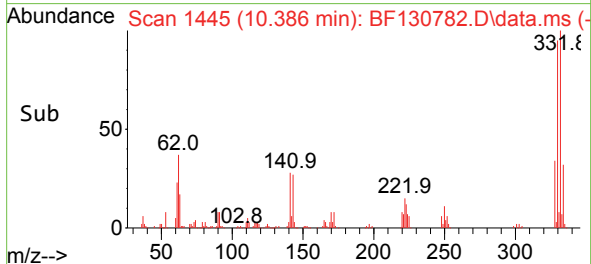
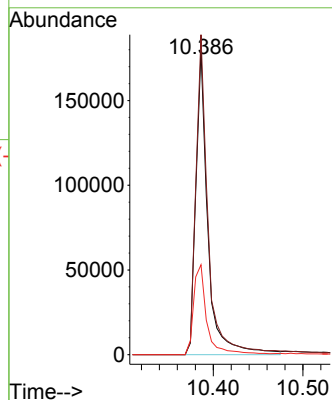
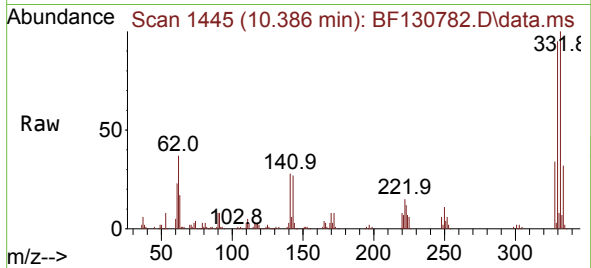




#42
2,4,6-Tribromophenol
Concen: 124.601 ng
RT: 10.386 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF130782.D
Acq: 26 Oct 2022 13:12

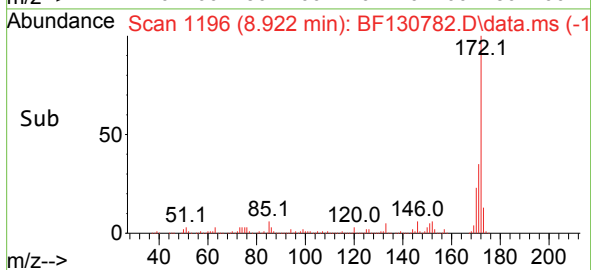
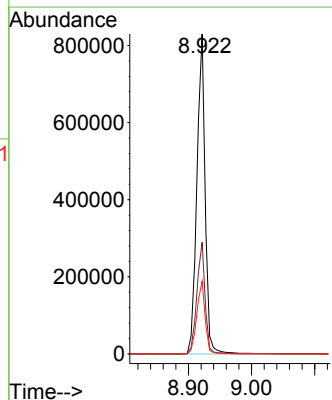
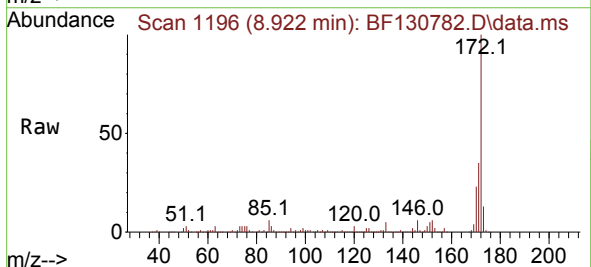
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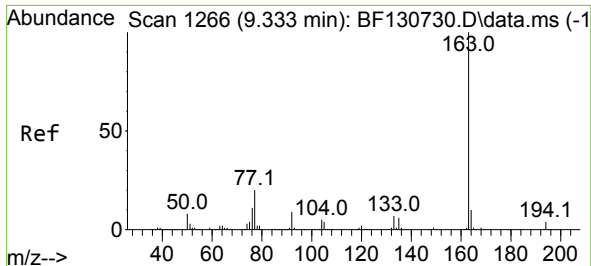
Tgt Ion:330 Resp: 167129
Ion Ratio Lower Upper
330 100
332 111.1 81.4 122.2
141 32.8 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 81.683 ng
RT: 8.922 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF130782.D
Acq: 26 Oct 2022 13:12

Tgt Ion:172 Resp: 755989
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 22.8 18.5 27.7

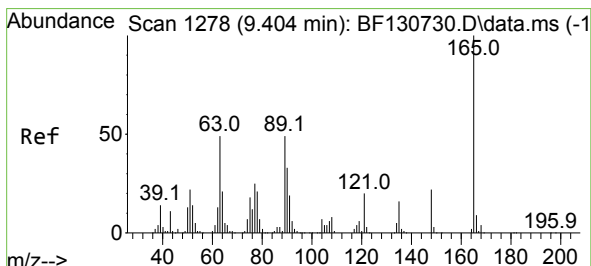
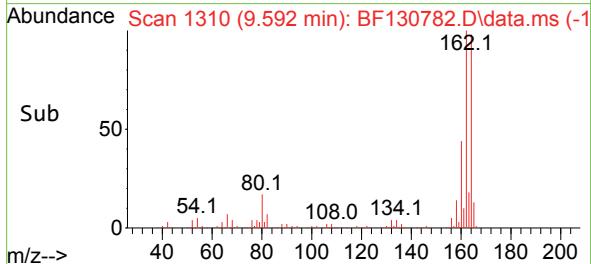
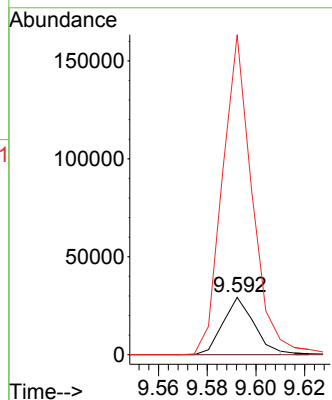
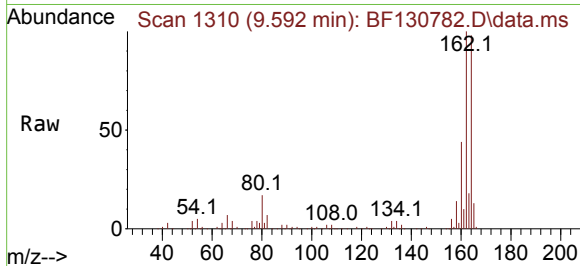




#50
Dimethylphthalate
Concen: 2.727 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF130782.D
Acq: 26 Oct 2022 13:12

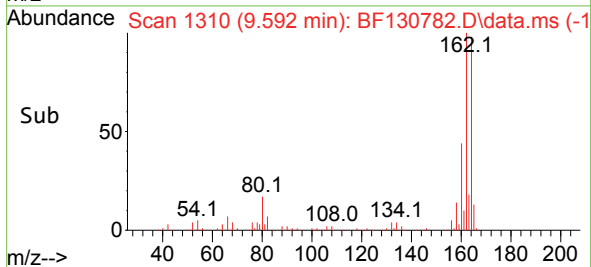
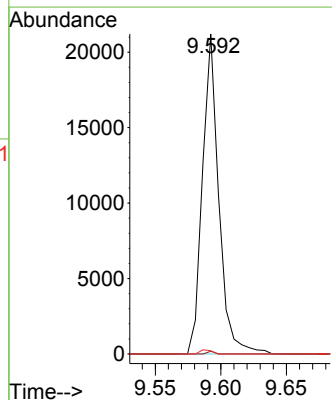
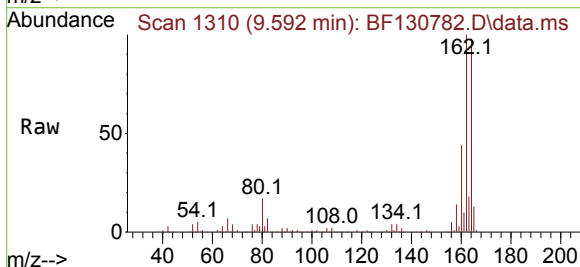
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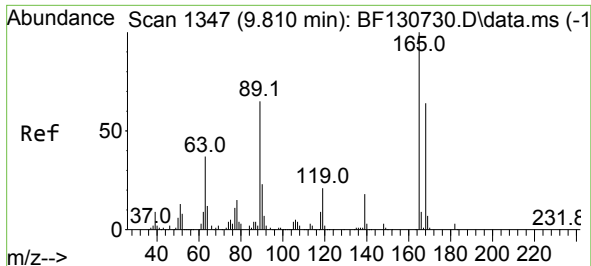
Tgt Ion:163 Resp: 25875
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 558.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.679 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.188 min
Lab File: BF130782.D
Acq: 26 Oct 2022 13:12

Tgt Ion:165 Resp: 18438
Ion Ratio Lower Upper
165 100
63 0.8 38.8 58.2#
89 1.0 39.4 59.2#

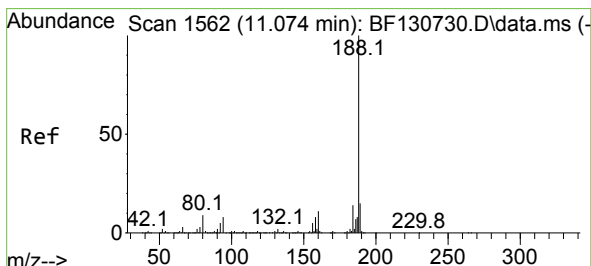
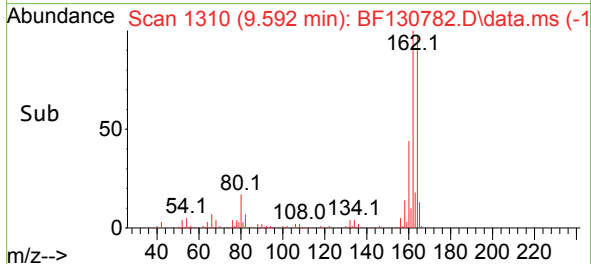
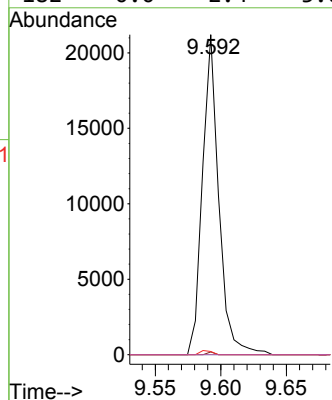
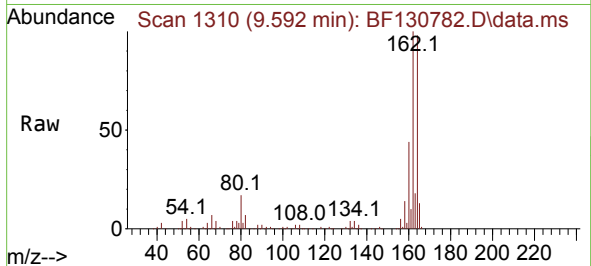




#57
2,4-Dinitrotoluene
Concen: 6.443 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF130782.D
Acq: 26 Oct 2022 13:12

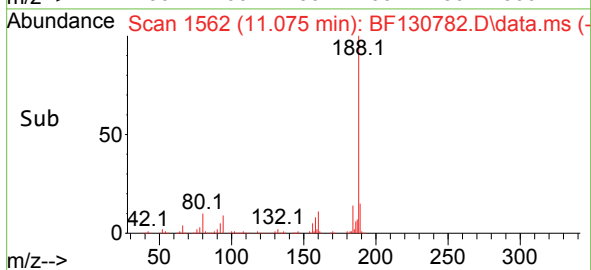
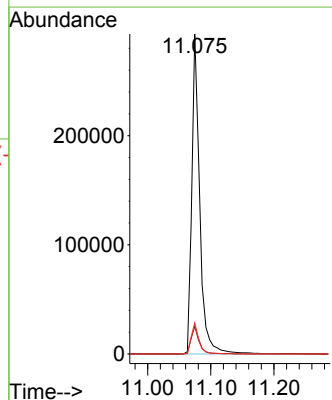
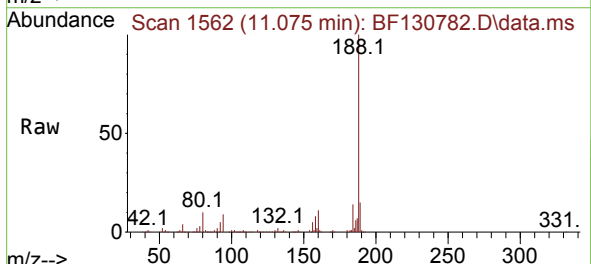
Instrument :
BNA_F
ClientSampleId :
PB148536BL

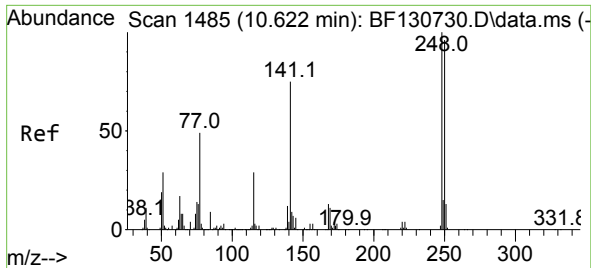
Tgt Ion:165 Resp: 18438
Ion Ratio Lower Upper
165 100
63 0.8 32.6 49.0#
89 1.0 51.9 77.9#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.075 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF130782.D
Acq: 26 Oct 2022 13:12

Tgt Ion:188 Resp: 257225
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.7 7.4 11.0

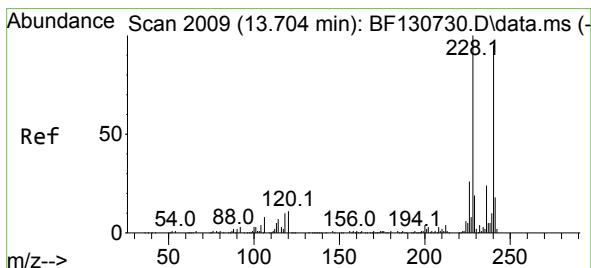
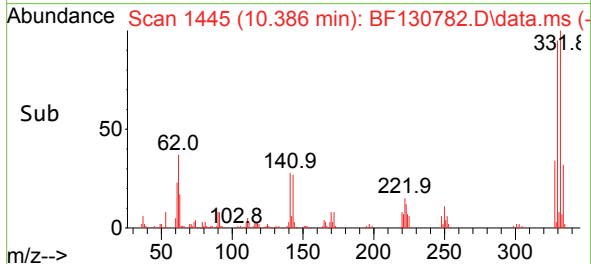
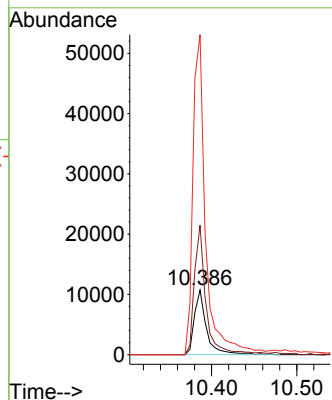
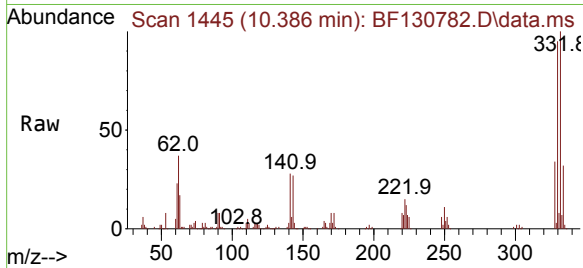




#67
4-Bromophenyl-phenylether
Concen: 3.445 ng
RT: 10.386 min Scan# 1485
Delta R.T. -0.235 min
Lab File: BF130782.D
Acq: 26 Oct 2022 13:12

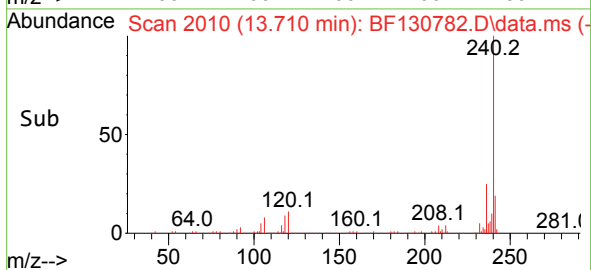
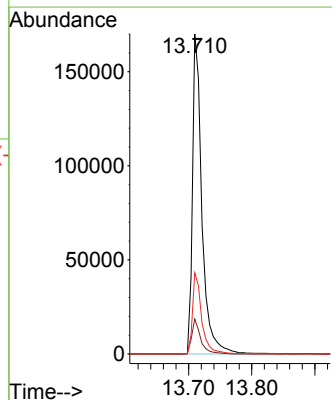
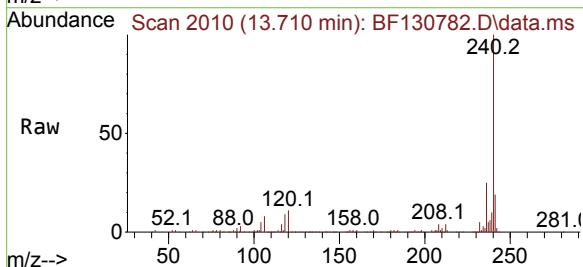
Instrument :
BNA_F
ClientSampleId :
PB148536BL

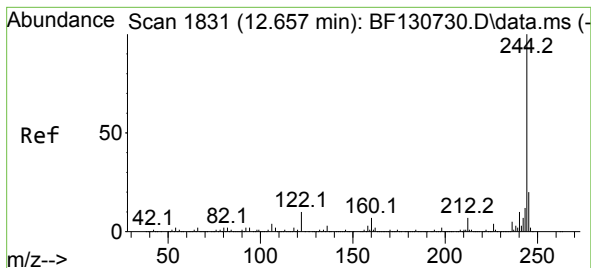
Tgt Ion:248 Resp: 10660
Ion Ratio Lower Upper
248 100
250 200.3 77.0 115.6#
141 495.0 60.1 90.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF130782.D
Acq: 26 Oct 2022 13:12

Tgt Ion:240 Resp: 178156
Ion Ratio Lower Upper
240 100
120 10.9 9.6 14.4
236 25.4 20.2 30.2





#79

Terphenyl-d14

Concen: 86.844 ng

RT: 12.657 min Scan# 1831

Delta R.T. 0.000 min

Lab File: BF130782.D

Acq: 26 Oct 2022 13:12

Instrument :

BNA_F

ClientSampleId :

PB148536BL

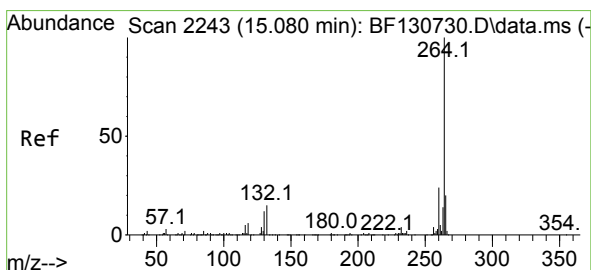
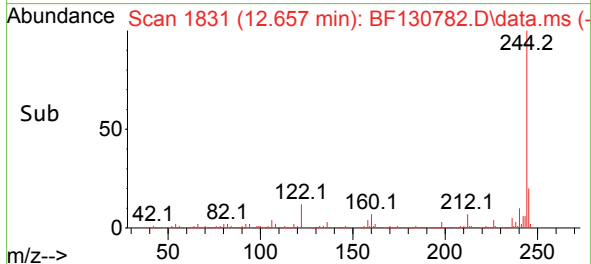
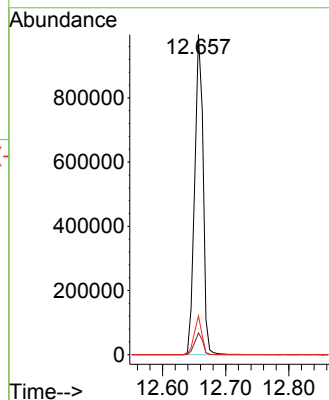
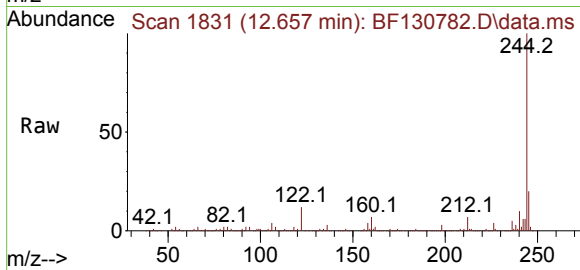
Tgt Ion:244 Resp: 918107

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 12.1 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: BF130782.D

Acq: 26 Oct 2022 13:12

Tgt Ion:264 Resp: 137188

Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 21.9 16.2 24.4

