

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133570.D
 Acq On : 05 Jun 2023 17:32
 Operator : CG\JU
 Sample : 02976-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Jun 06 01:05:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 17:49:53 2023
 Response via : Initial Calibration

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

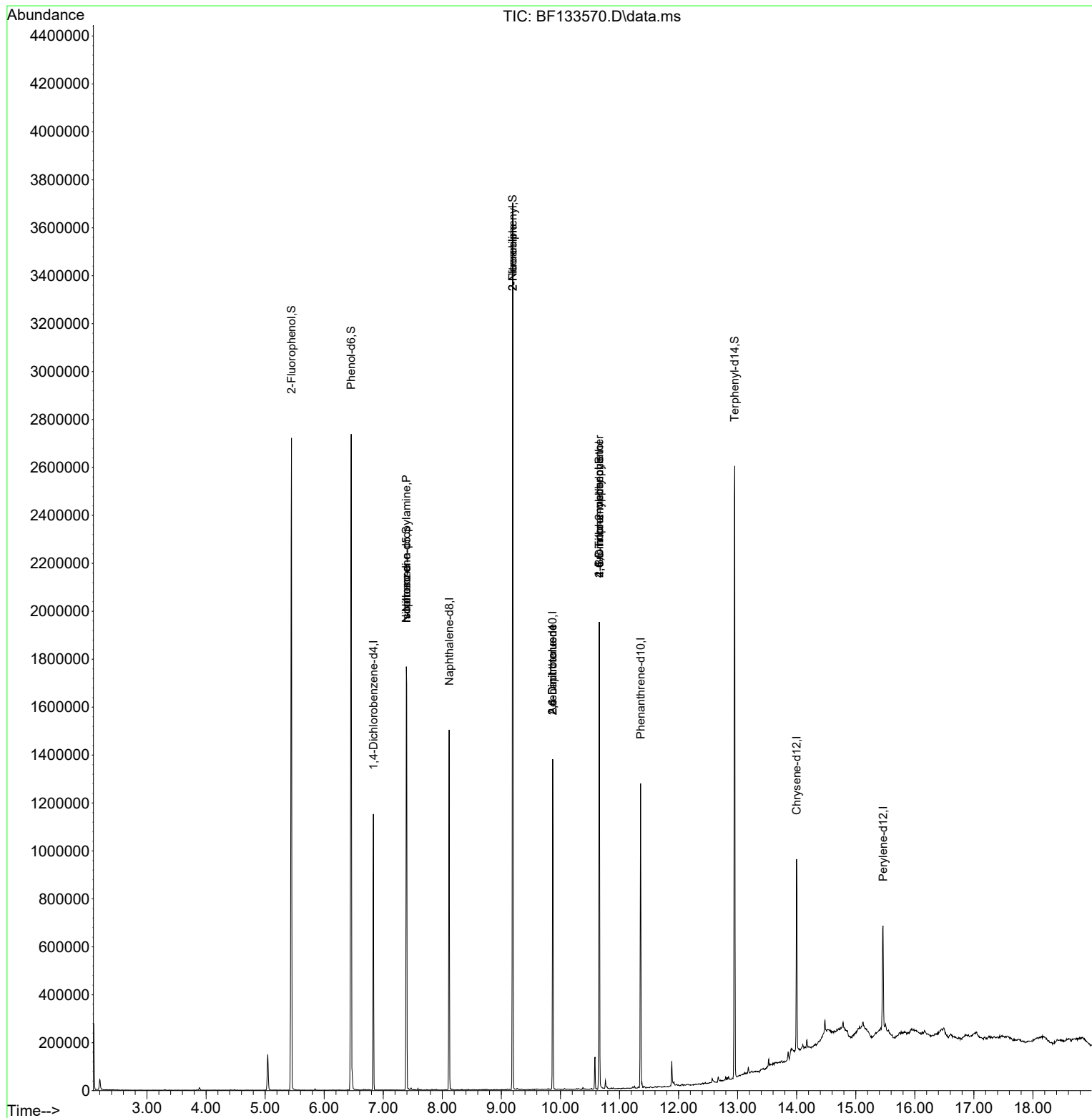
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	151326	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	559198	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	247685	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	426389	20.000	ng	0.00
76) Chrysene-d12	13.998	240	257231	20.000	ng	0.00
86) Perylene-d12	15.462	264	208304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	724711	79.904	ng	0.01
7) Phenol-d6	6.457	99	882407	79.033	ng	0.00
23) Nitrobenzene-d5	7.392	82	547088	65.323	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	214276	86.788	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1021690	63.666	ng	0.00
79) Terphenyl-d14	12.951	244	922122	63.737	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.457	77	1503	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.392	70	75408	10.439	ng	# 78
25) Isophorone	7.392	82	545461	27.945	ng	# 65
48) 2-Nitroaniline	9.192	65	1799	4.343	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	32934	12.869	ng	# 18
57) 2,4-Dinitrotoluene	9.869	165	32934	11.970	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.657	198	373	8.887	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	12997	2.870	ng	# 1

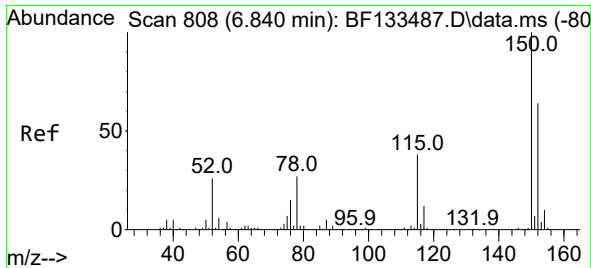
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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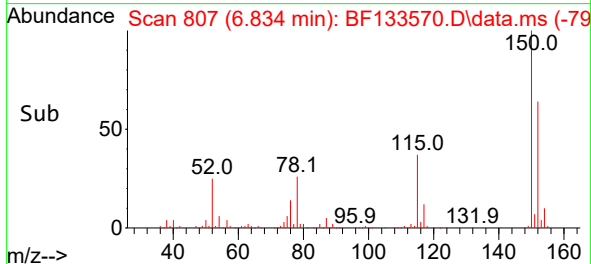
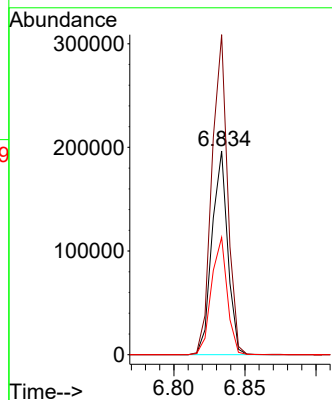
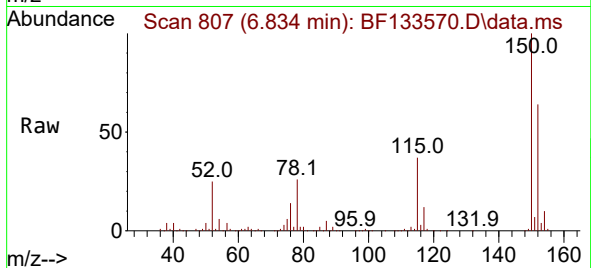




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133570.D
Acq: 05 Jun 2023 17:32

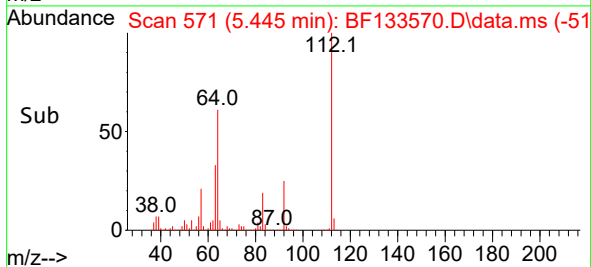
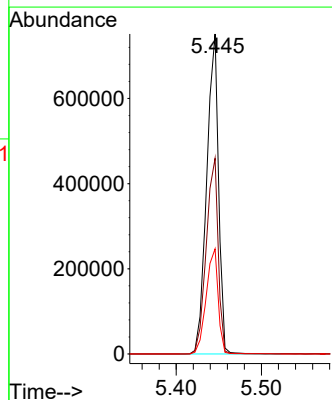
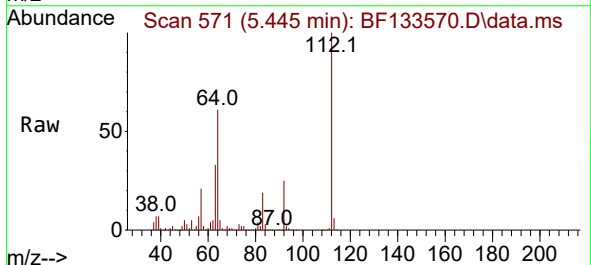
Instrument :
BNA_F
ClientSampleId :
TP-2

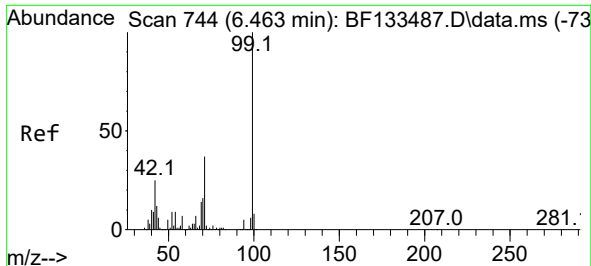
Tgt Ion:152 Resp: 151326
Ion Ratio Lower Upper
152 100
150 157.1 124.9 187.3
115 57.6 48.1 72.1



#5
2-Fluorophenol
Concen: 79.904 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF133570.D
Acq: 05 Jun 2023 17:32

Tgt Ion:112 Resp: 724711
Ion Ratio Lower Upper
112 100
64 61.2 50.1 75.1
63 32.8 27.5 41.3

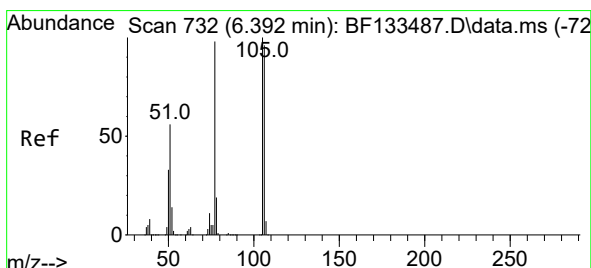
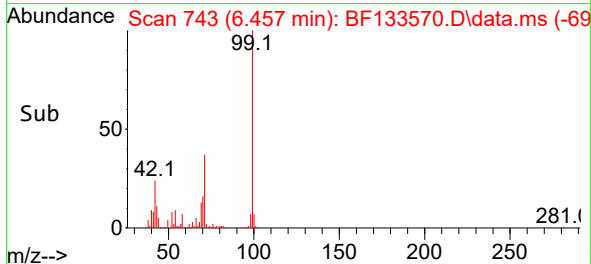
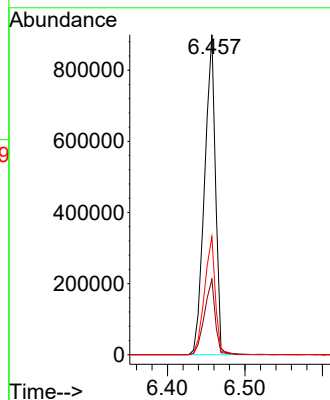
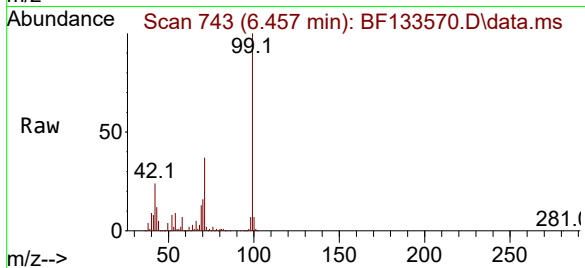




#7
Phenol-d6
Concen: 79.033 ng
RT: 6.457 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133570.D
Acq: 05 Jun 2023 17:32

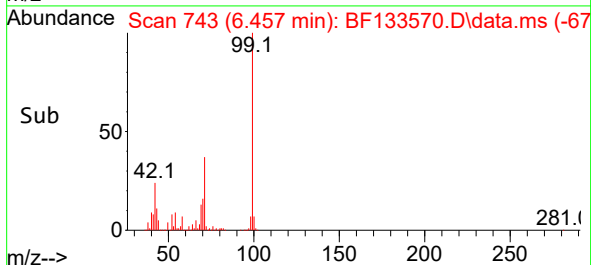
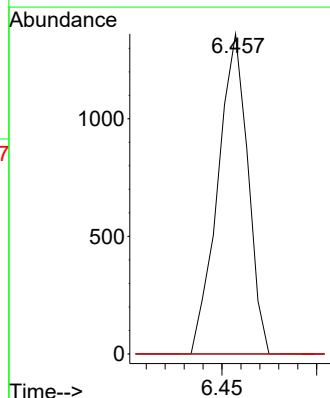
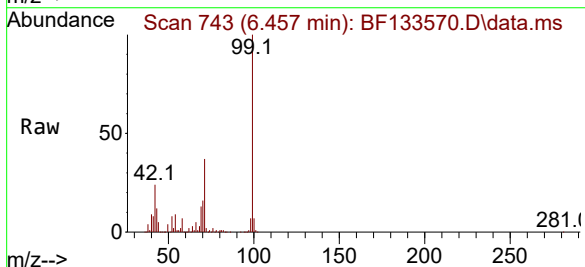
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 882407
Ion Ratio Lower Upper
99 100
42 23.6 19.7 29.5
71 36.9 29.8 44.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.457 min Scan# 743
Delta R.T. 0.077 min
Lab File: BF133570.D
Acq: 05 Jun 2023 17:32

Tgt Ion: 77 Resp: 1503
Ion Ratio Lower Upper
77 100
105 0.0 81.9 121.9#
106 0.0 77.8 117.8#

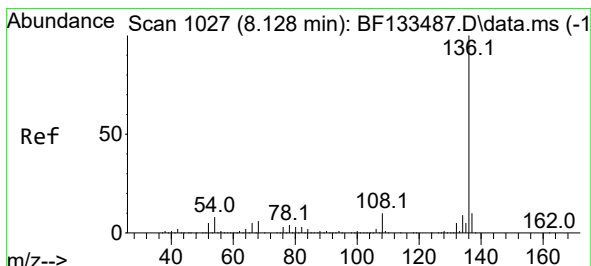
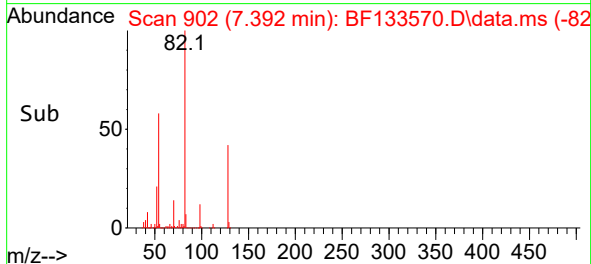
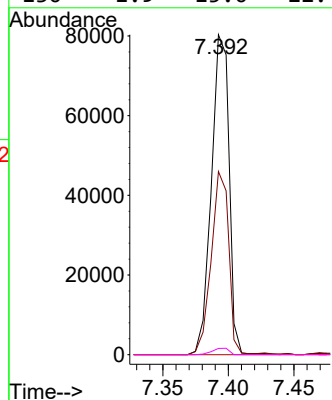
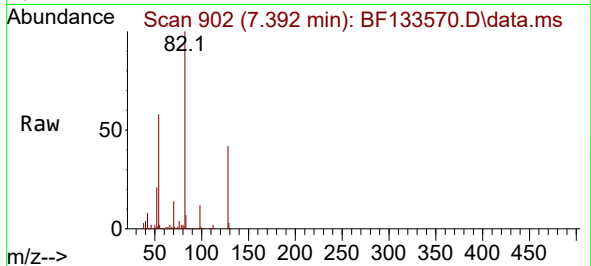




#19
n-Nitroso-di-n-propylamine
Concen: 10.439 ng
RT: 7.392 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF133570.D
Acq: 05 Jun 2023 17:32

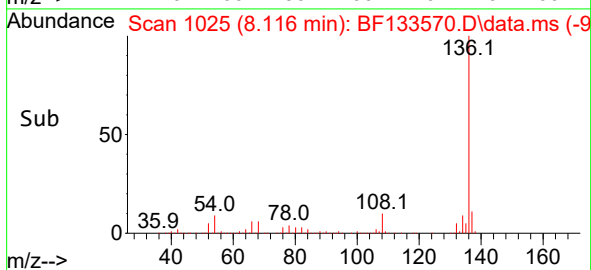
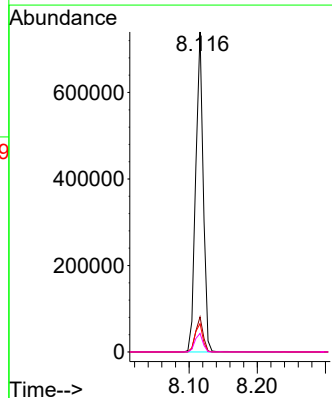
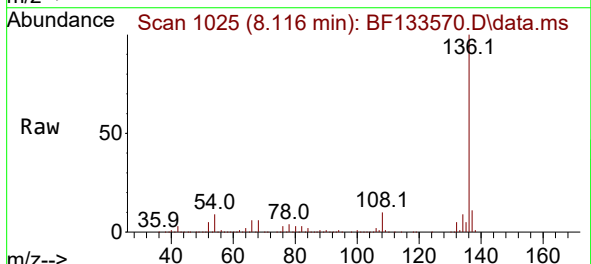
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 70 Resp: 75408
Ion Ratio Lower Upper
70 100
42 57.2 57.2 85.8
101 0.0 7.3 10.9#
130 1.9 15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF133570.D
Acq: 05 Jun 2023 17:32

Tgt Ion:136 Resp: 559198
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 8.9 6.6 10.0
68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 65.323 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF133570.D

Acq: 05 Jun 2023 17:32

Instrument :

BNA_F

ClientSampleId :

TP-2

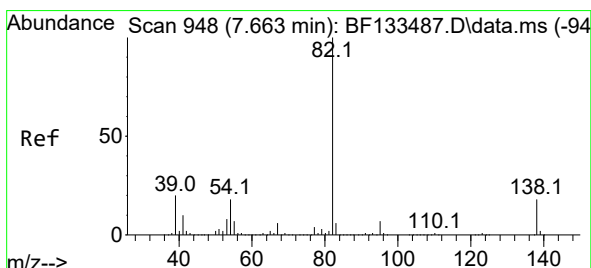
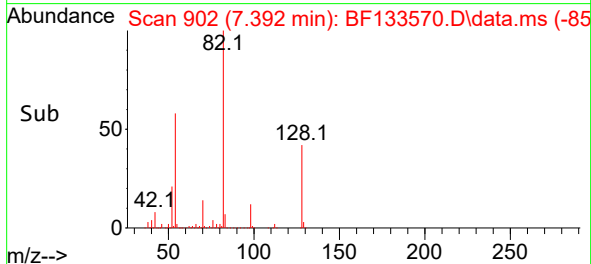
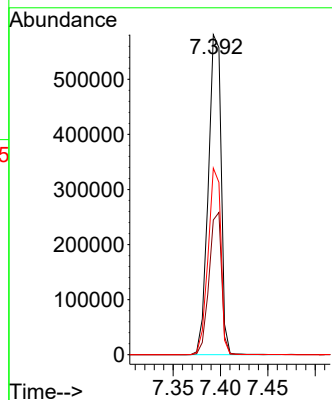
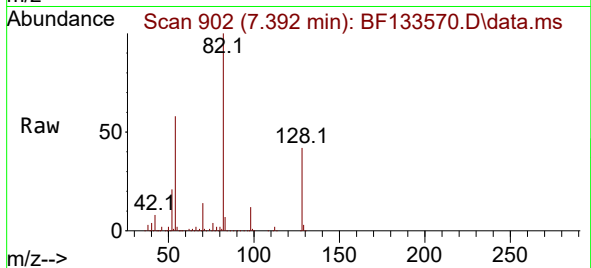
Tgt Ion: 82 Resp: 547088

Ion Ratio Lower Upper

82 100

128 42.1 34.2 51.4

54 58.3 48.2 72.4



#25

Isophorone

Concen: 27.945 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.265 min

Lab File: BF133570.D

Acq: 05 Jun 2023 17:32

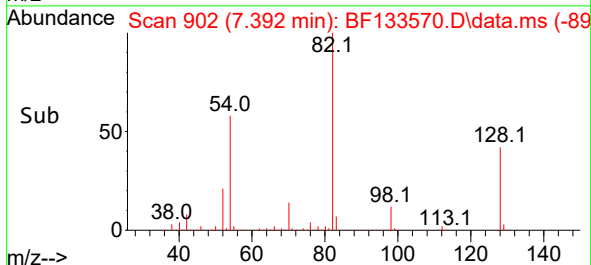
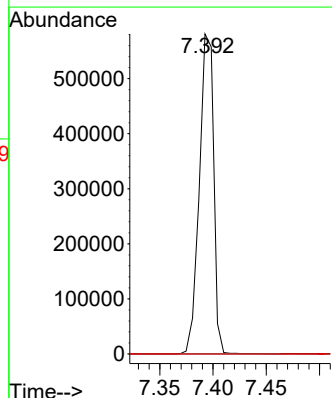
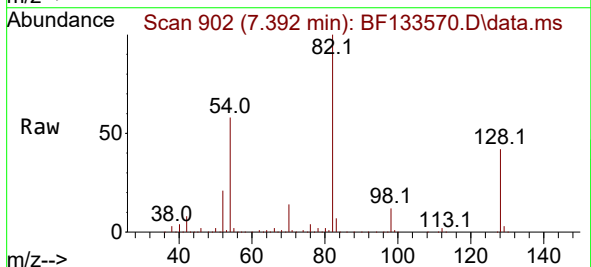
Tgt Ion: 82 Resp: 545461

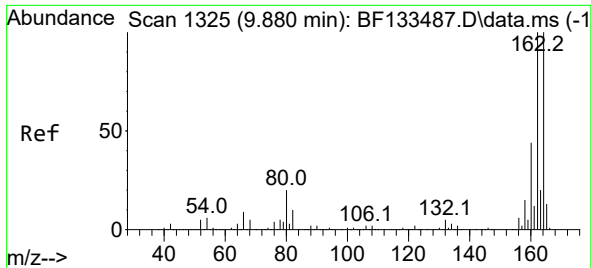
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.4#

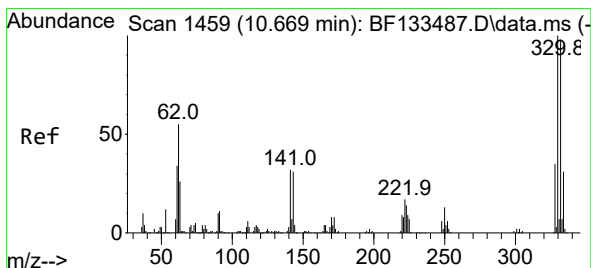
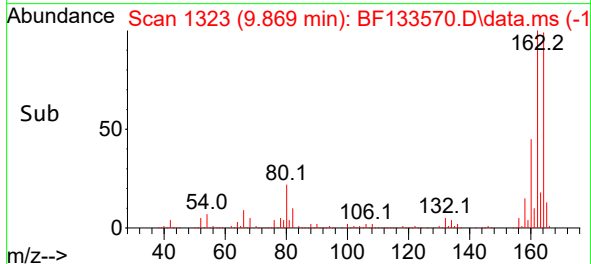
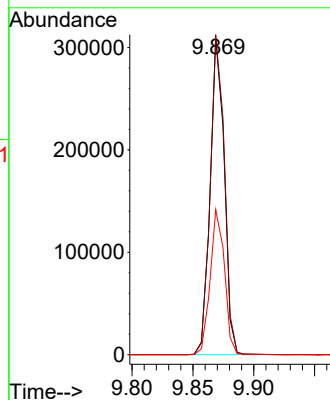
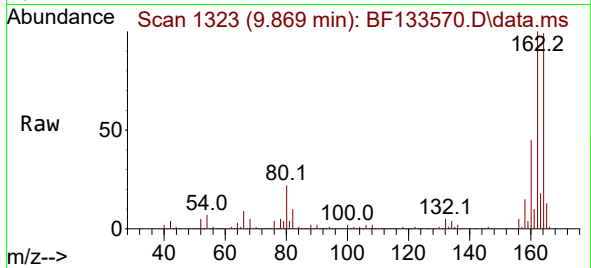




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133570.D
Acq: 05 Jun 2023 17:32

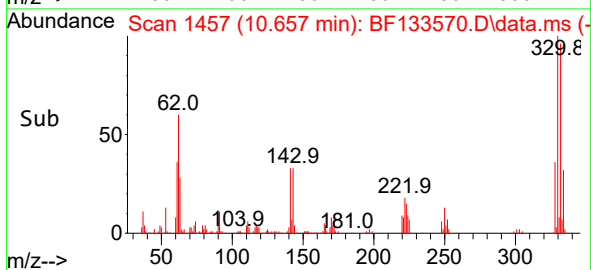
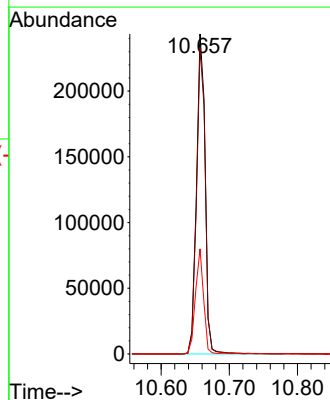
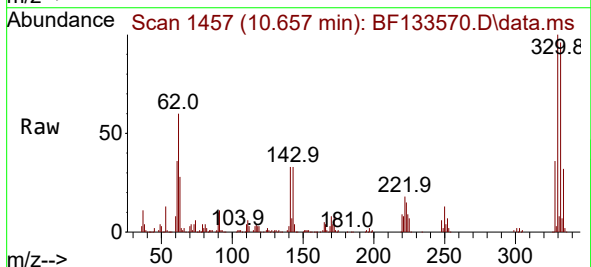
Instrument :
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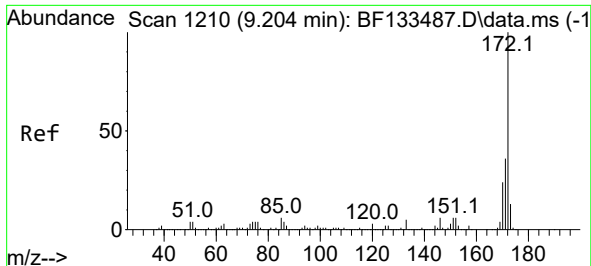
Tgt Ion:164 Resp: 247685
Ion Ratio Lower Upper
164 100
162 101.1 79.7 119.5
160 45.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 86.788 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF133570.D
Acq: 05 Jun 2023 17:32

Tgt Ion:330 Resp: 214276
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.6
141 31.1 26.6 40.0

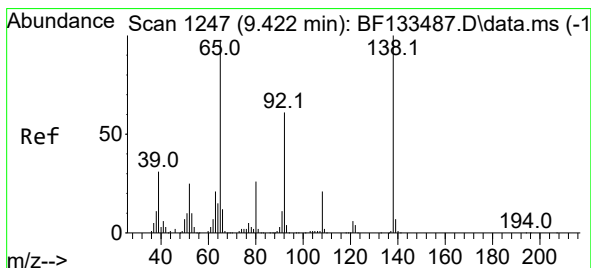
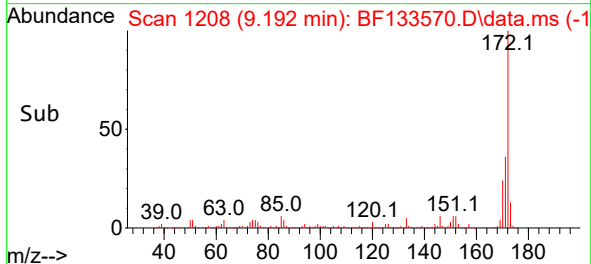
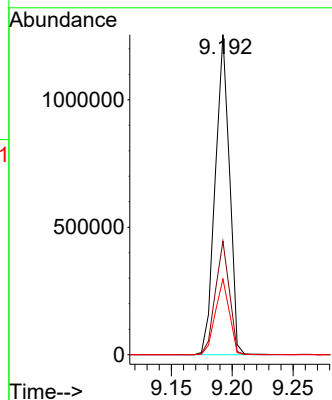
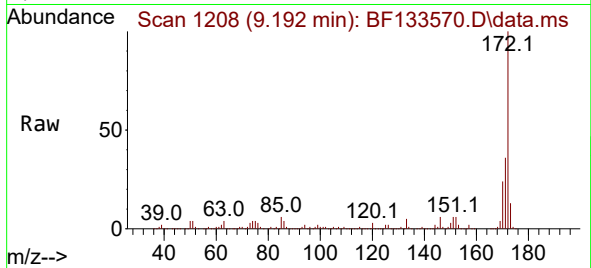




#45
2-Fluorobiphenyl
Concen: 63.666 ng
RT: 9.192 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF133570.D
Acq: 05 Jun 2023 17:32

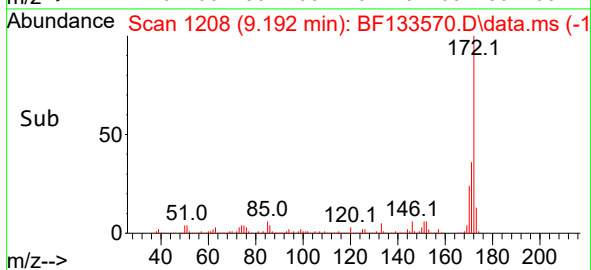
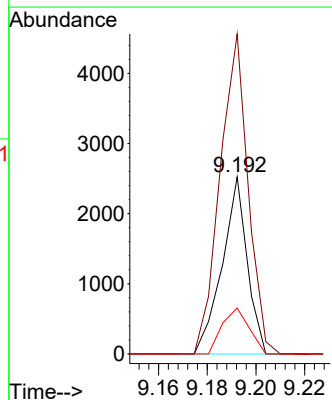
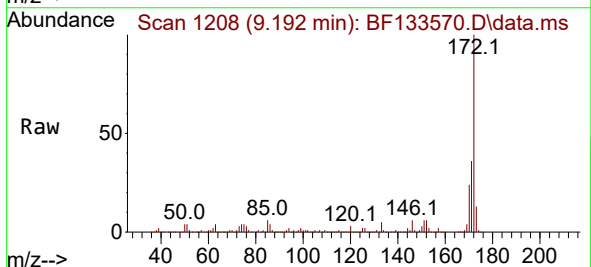
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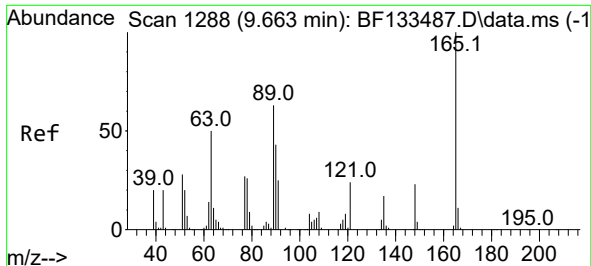
Tgt Ion:172 Resp: 1021690
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.7 19.3 28.9



#48
2-Nitroaniline
Concen: 4.343 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.218 min
Lab File: BF133570.D
Acq: 05 Jun 2023 17:32

Tgt Ion: 65 Resp: 1799
Ion Ratio Lower Upper
65 100
92 180.6 50.8 76.2#
138 25.9 82.6 124.0#

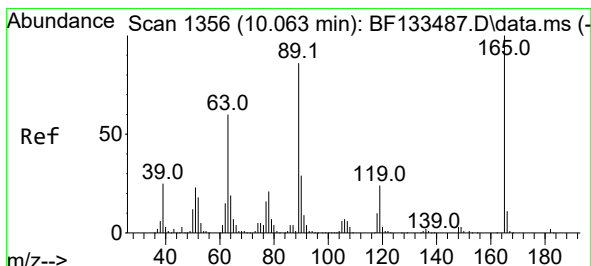
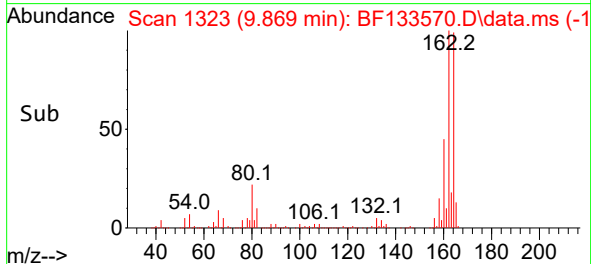
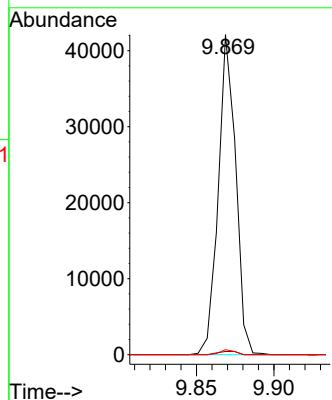
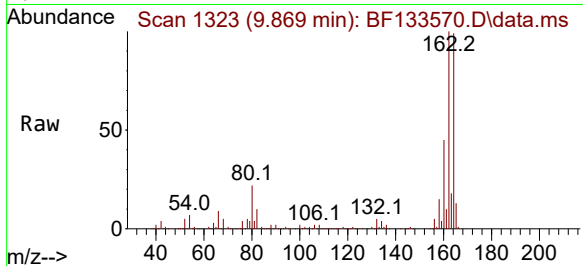




#51
2,6-Dinitrotoluene
Concen: 12.869 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.212 min
Lab File: BF133570.D
Acq: 05 Jun 2023 17:32

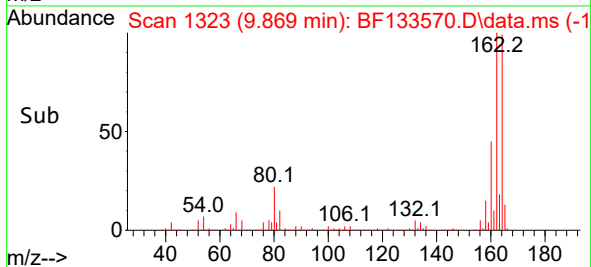
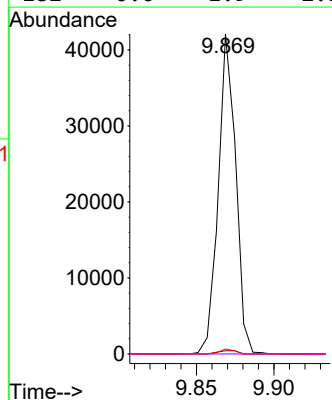
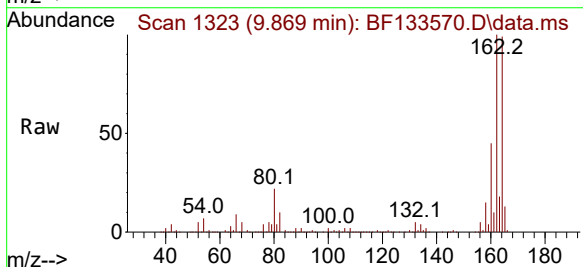
Instrument :
BNA_F
ClientSampleId :
TP-2

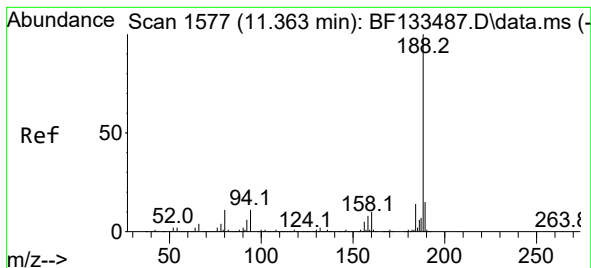
Tgt Ion:165 Resp: 32934
Ion Ratio Lower Upper
165 100
63 1.0 57.0 85.4#
89 1.5 50.8 76.2#



#57
2,4-Dinitrotoluene
Concen: 11.970 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.188 min
Lab File: BF133570.D
Acq: 05 Jun 2023 17:32

Tgt Ion:165 Resp: 32934
Ion Ratio Lower Upper
165 100
63 1.0 48.1 72.1#
89 1.5 68.4 102.6#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133570.D

Acq: 05 Jun 2023 17:32

Instrument :

BNA_F

ClientSampleId :

TP-2

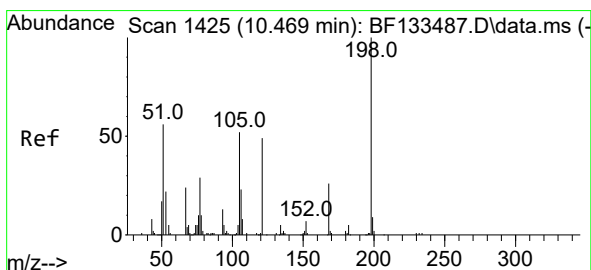
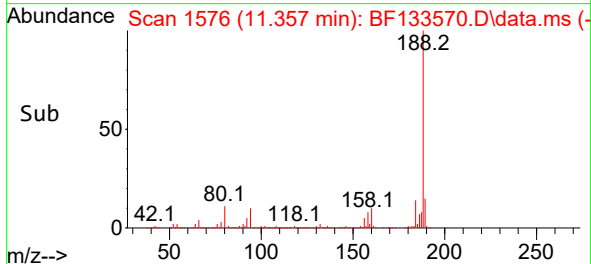
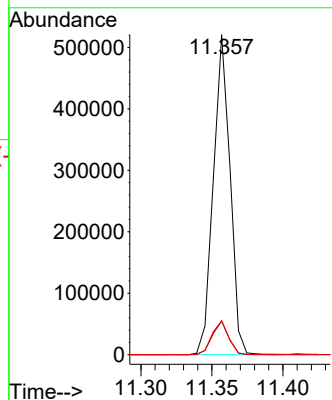
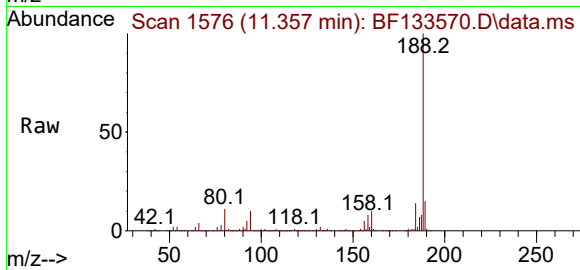
Tgt Ion:188 Resp: 426389

Ion Ratio Lower Upper

188 100

94 10.5 8.6 12.8

80 10.6 9.2 13.8



#65

4,6-Dinitro-2-methylphenol

Concen: 8.887 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.194 min

Lab File: BF133570.D

Acq: 05 Jun 2023 17:32

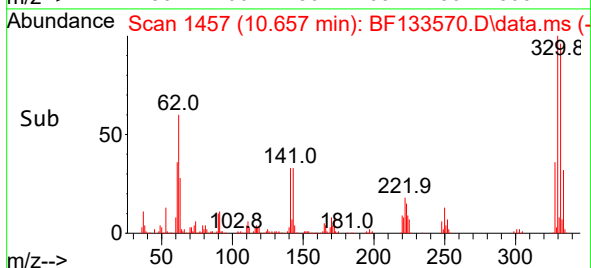
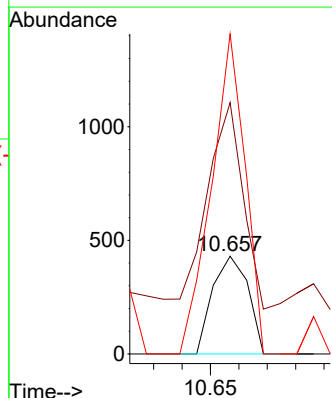
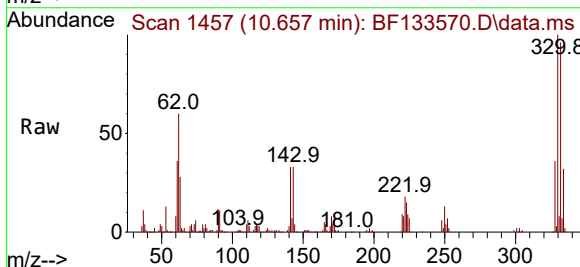
Tgt Ion:198 Resp: 373

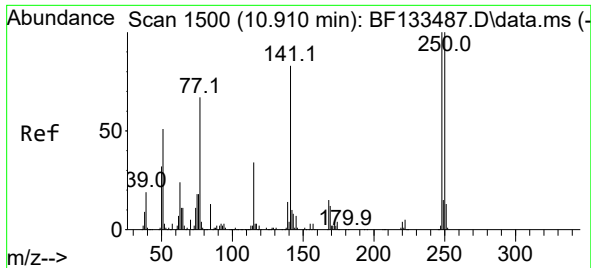
Ion Ratio Lower Upper

198 100

51 257.2 53.6 93.6#

105 327.4 35.9 75.9#





#67

4-Bromophenyl-phenylether

Concen: 2.870 ng

RT: 10.657 min Scan# 14

Delta R.T. -0.247 min

Lab File: BF133570.D

Acq: 05 Jun 2023 17:32

Instrument :

BNA_F

ClientSampleId :

TP-2

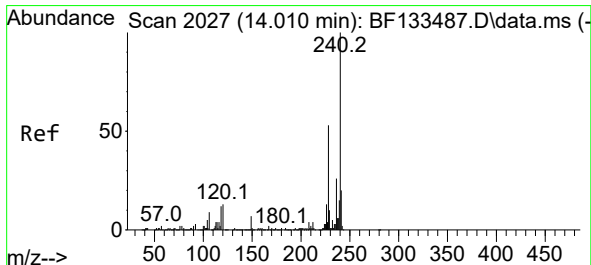
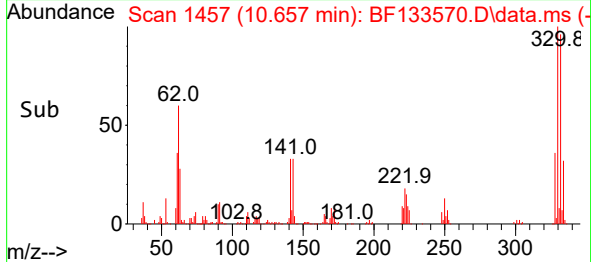
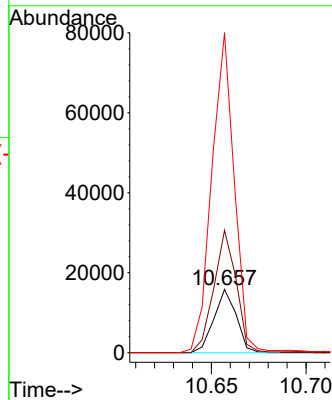
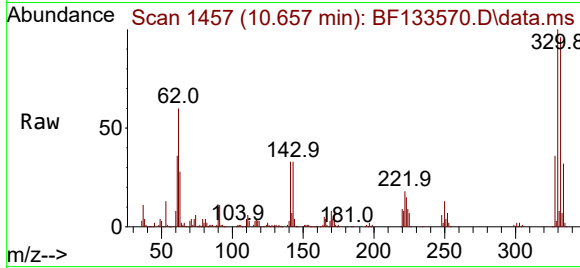
Tgt Ion:248 Resp: 12997

Ion Ratio Lower Upper

248 100

250 193.7 79.7 119.5#

141 506.1 66.6 100.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF133570.D

Acq: 05 Jun 2023 17:32

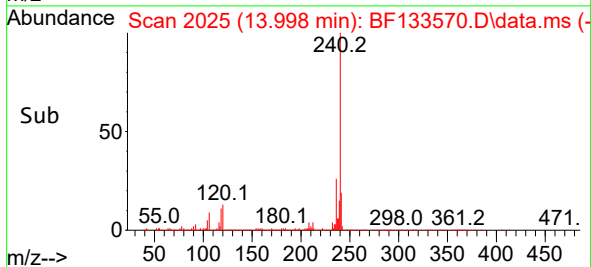
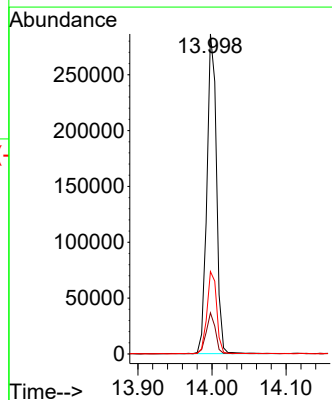
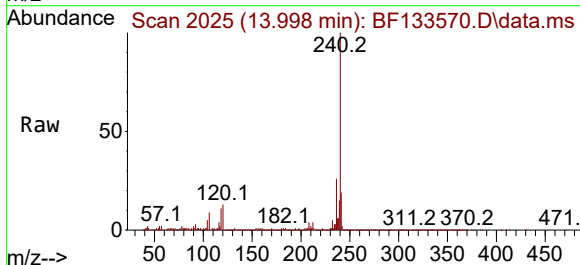
Tgt Ion:240 Resp: 257231

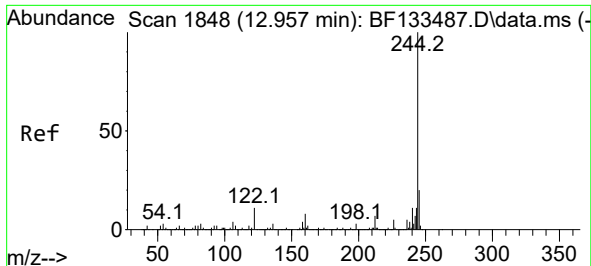
Ion Ratio Lower Upper

240 100

120 12.8 10.3 15.5

236 25.7 20.5 30.7

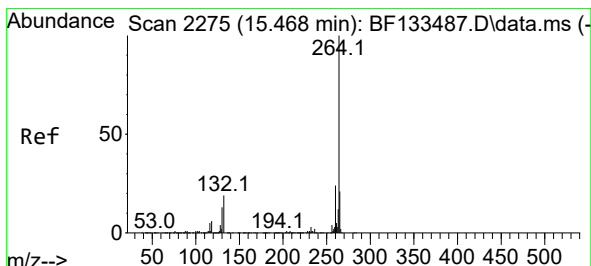
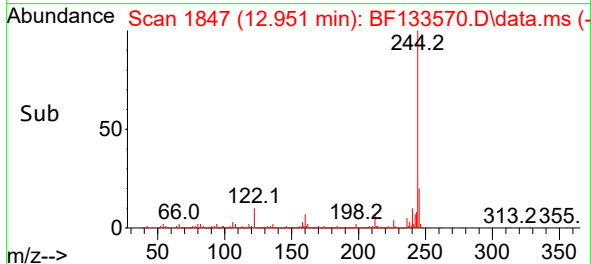
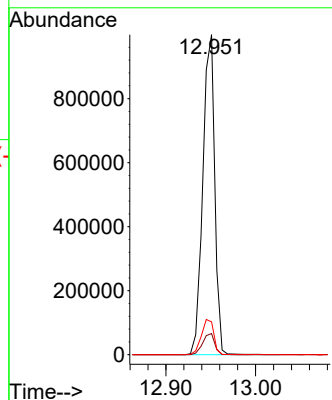
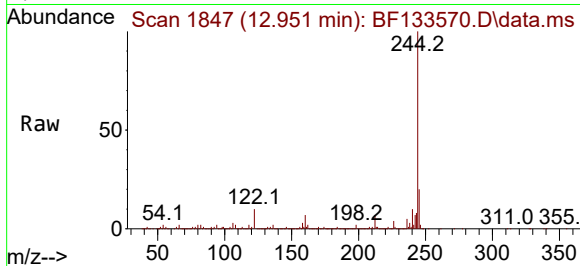




#79
 Terphenyl-d14
 Concen: 63.737 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. 0.006 min
 Lab File: BF133570.D
 Acq: 05 Jun 2023 17:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 922122
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 10.2 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. 0.006 min
 Lab File: BF133570.D
 Acq: 05 Jun 2023 17:32

Tgt Ion:264 Resp: 208304
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.4
 265 20.4 16.8 25.2

