

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133962.D
 Acq On : 26 Jun 2023 20:29
 Operator : CG\JU
 Sample : PB153526BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153526BL

Quant Time: Jun 26 23:30:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

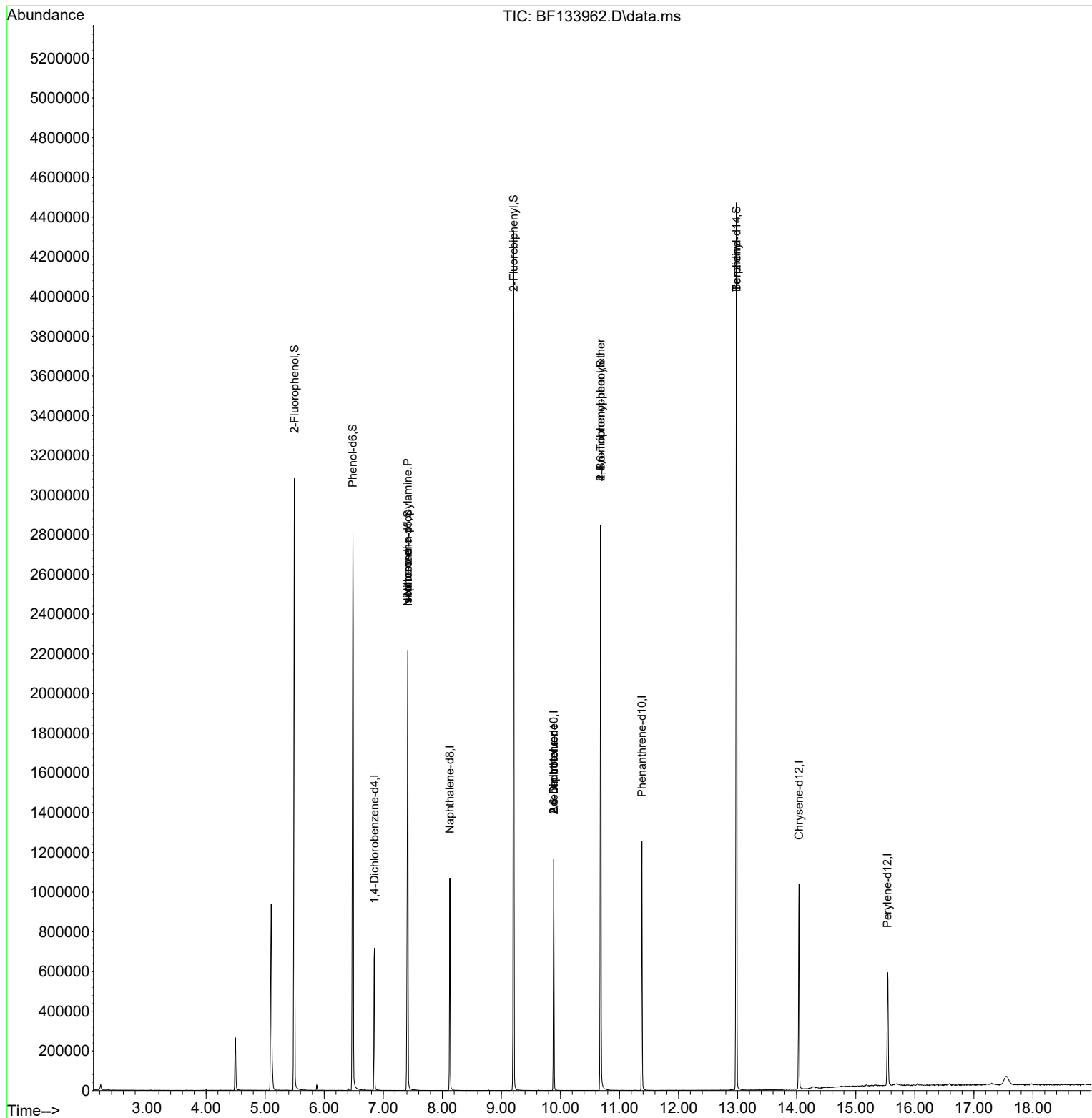
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	106715	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	409158	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	211282	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	435906	20.000	ng	0.00
76) Chrysene-d12	14.039	240	339060	20.000	ng	0.00
86) Perylene-d12	15.539	264	279801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	873301	136.891	ng	0.02
7) Phenol-d6	6.486	99	1036329	132.091	ng	0.00
23) Nitrobenzene-d5	7.416	82	715445	94.258	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	362550	136.860	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1295232	89.129	ng	0.00
79) Terphenyl-d14	12.980	244	1712813	81.302	ng	0.00
Target Compounds						
9) Benzaldehyde	6.404	77	1883	Below Cal		Qvalue 95
19) n-Nitroso-di-n-propyla...	7.416	70	99787	20.056	ng	# 78
25) Isophorone	7.416	82	715441	51.863	ng	# 64
51) 2,6-Dinitrotoluene	9.886	165	27496	8.324	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	27496	6.303	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	22133	4.777	ng	# 1
77) Benizidine	12.980	184	24775	3.071	ng	# 91

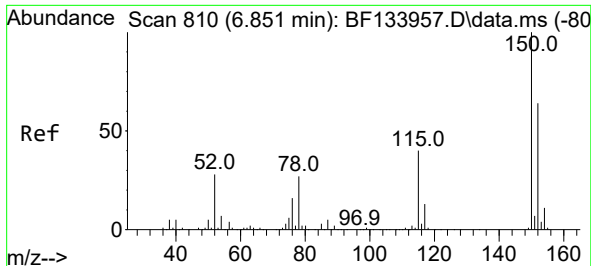
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
Data File : BF133962.D
Acq On : 26 Jun 2023 20:29
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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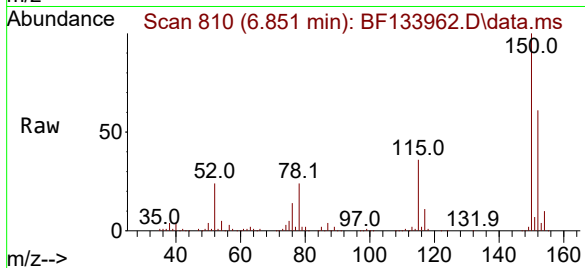
Quant Time: Jun 26 23:30:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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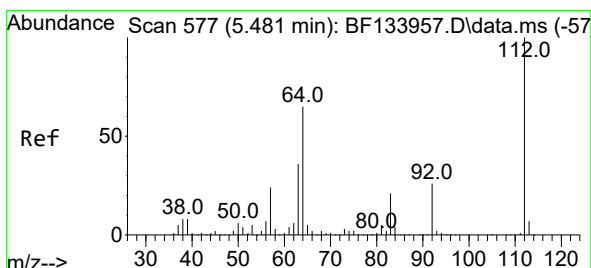
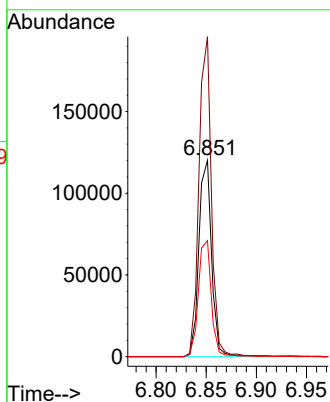
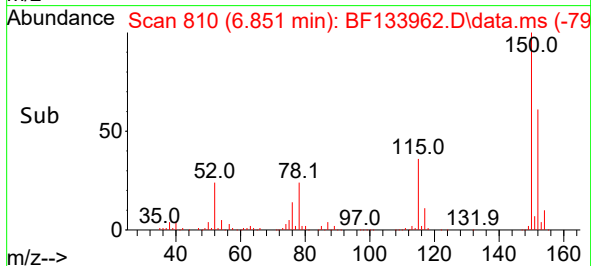


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133962.D
Acq: 26 Jun 2023 20:29

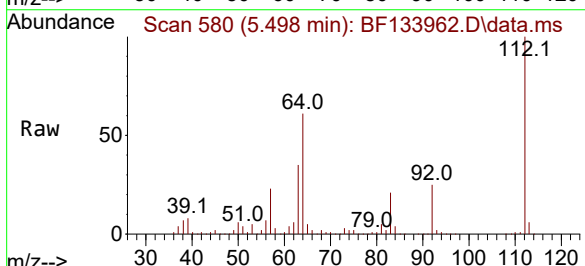
Instrument :
BNA_F
ClientSampleId :
PB153526BL



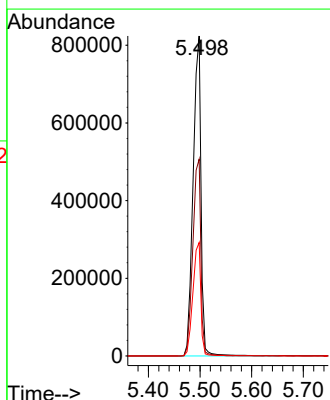
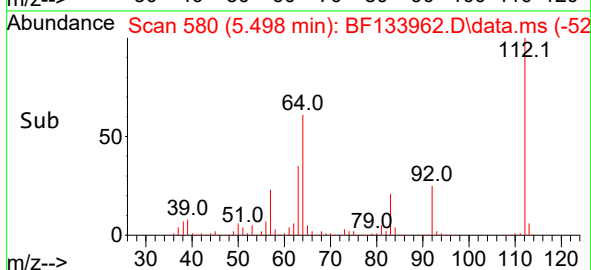
Tgt Ion:152 Resp: 106715
Ion Ratio Lower Upper
152 100
150 162.9 124.5 186.7
115 59.1 50.2 75.2

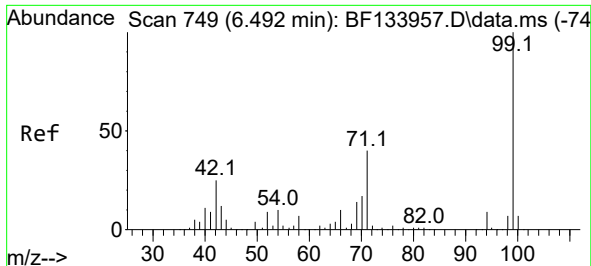


#5
2-Fluorophenol
Concen: 136.891 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF133962.D
Acq: 26 Jun 2023 20:29



Tgt Ion:112 Resp: 873301
Ion Ratio Lower Upper
112 100
64 61.5 52.1 78.1
63 35.4 28.6 42.8

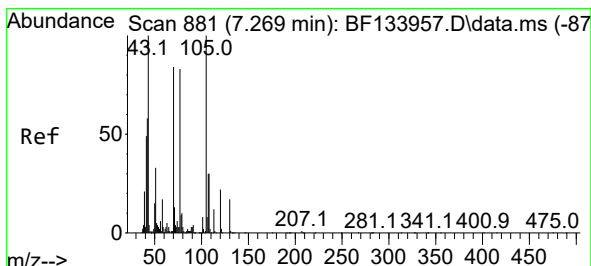
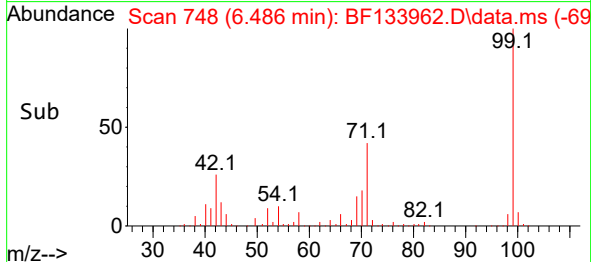
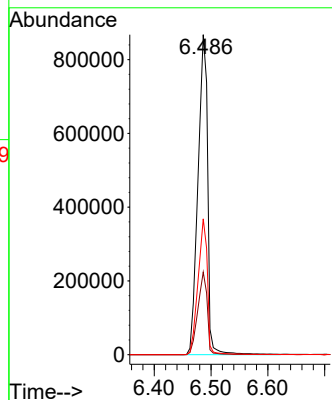
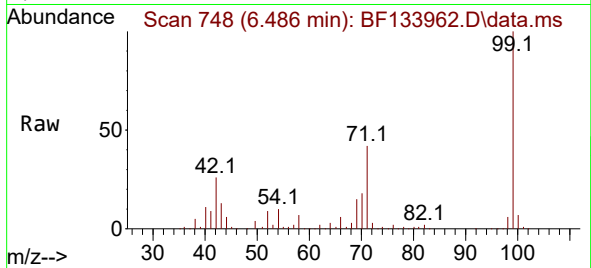




#7
Phenol-d6
Concen: 132.091 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133962.D
Acq: 26 Jun 2023 20:29

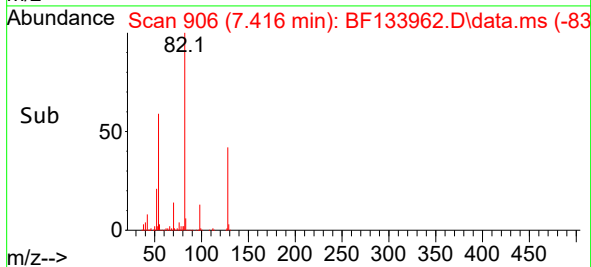
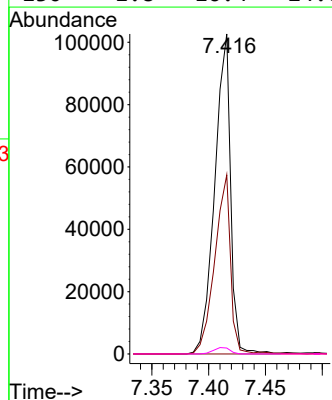
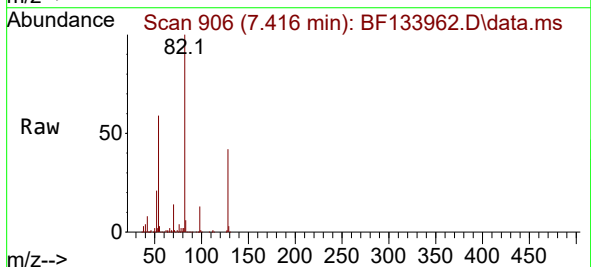
Instrument :
BNA_F
ClientSampleId :
PB153526BL

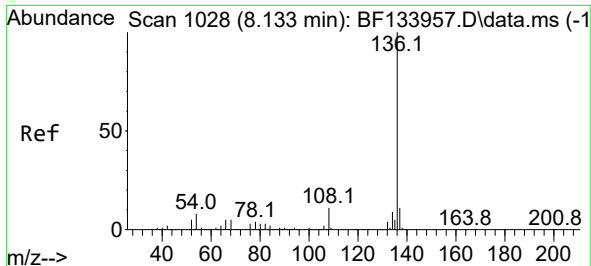
Tgt Ion: 99 Resp: 1036329
Ion Ratio Lower Upper
99 100
42 25.8 19.8 29.6
71 42.5 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.056 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF133962.D
Acq: 26 Jun 2023 20:29

Tgt Ion: 70 Resp: 99787
Ion Ratio Lower Upper
70 100
42 56.0 54.7 82.1
101 0.0 7.7 11.5#
130 1.8 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133962.D

Acq: 26 Jun 2023 20:29

Instrument :

BNA_F

ClientSampleId :

PB153526BL

Tgt Ion:136 Resp: 409158

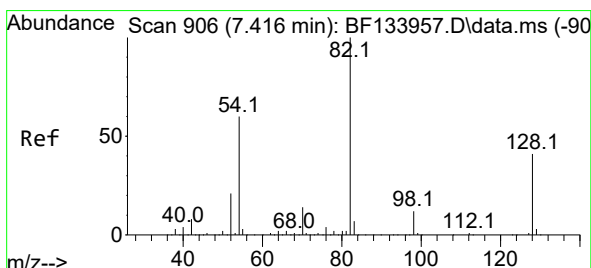
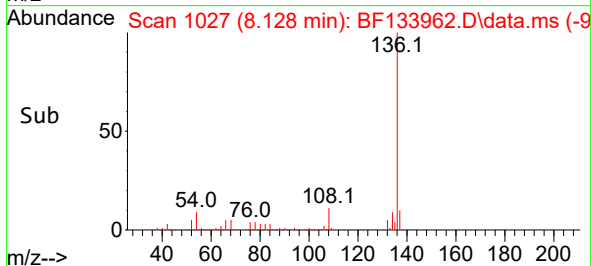
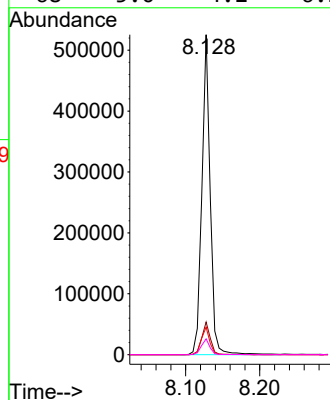
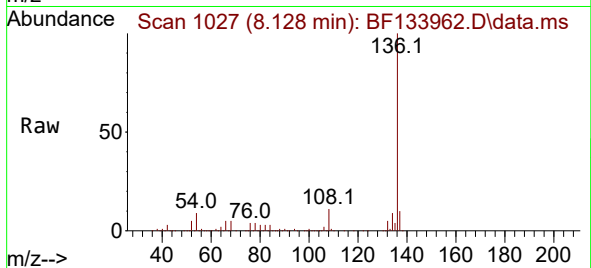
Ion Ratio Lower Upper

136 100

137 10.2 8.6 12.8

54 8.6 6.5 9.7

68 5.0 4.2 6.2



#23

Nitrobenzene-d5

Concen: 94.258 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF133962.D

Acq: 26 Jun 2023 20:29

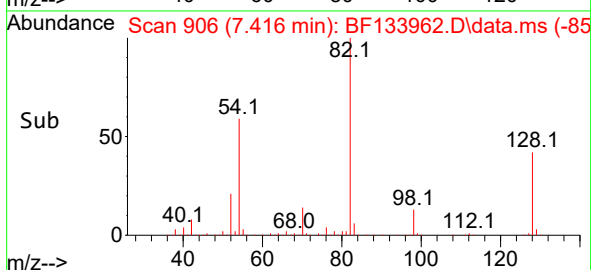
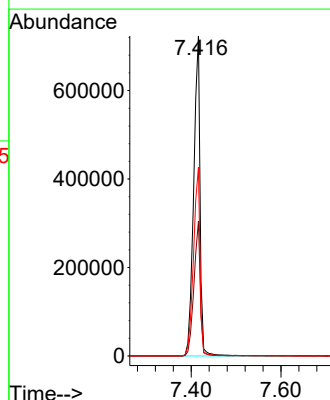
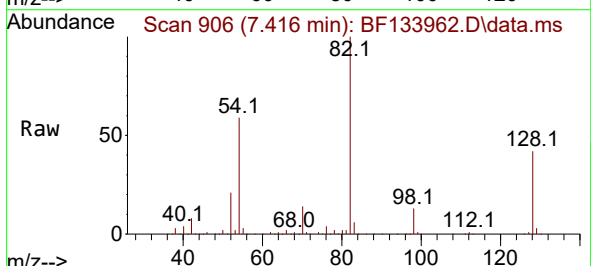
Tgt Ion: 82 Resp: 715445

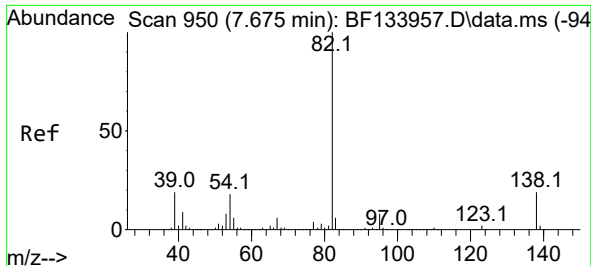
Ion Ratio Lower Upper

82 100

128 42.1 32.5 48.7

54 59.0 48.2 72.2

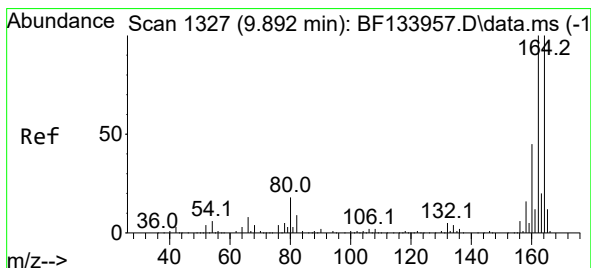
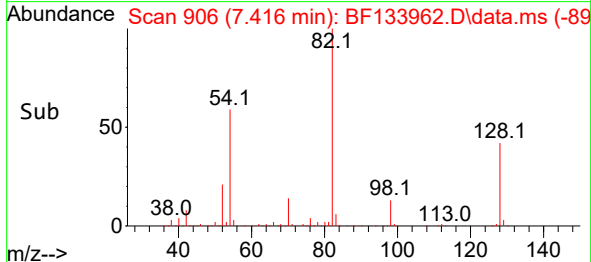
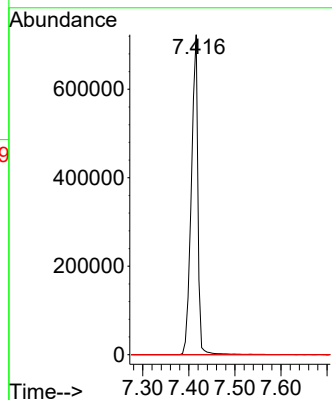
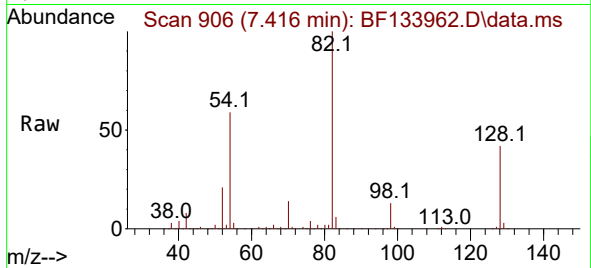




#25
Isophorone
Concen: 51.863 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133962.D
Acq: 26 Jun 2023 20:29

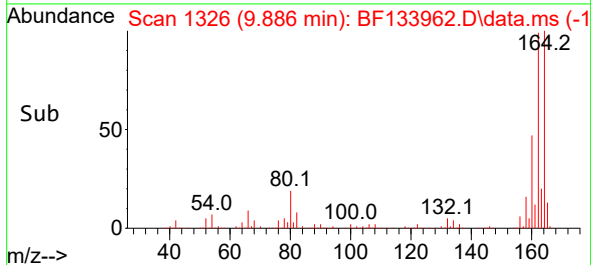
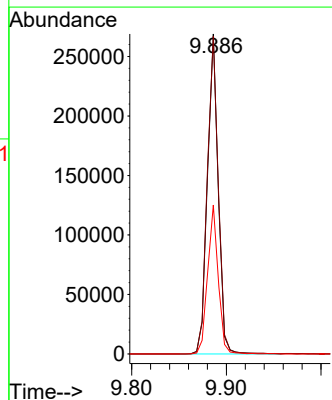
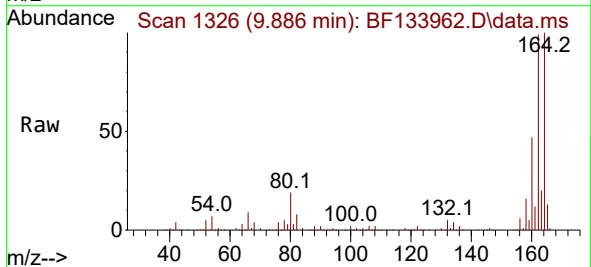
Instrument :
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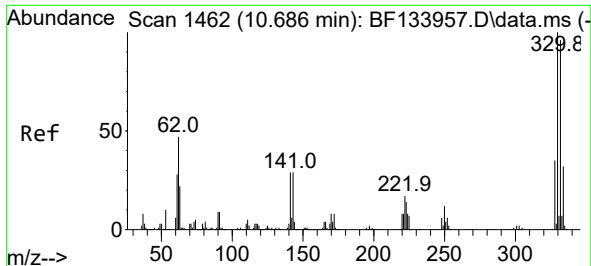
Tgt Ion: 82 Resp: 715441
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF133962.D
Acq: 26 Jun 2023 20:29

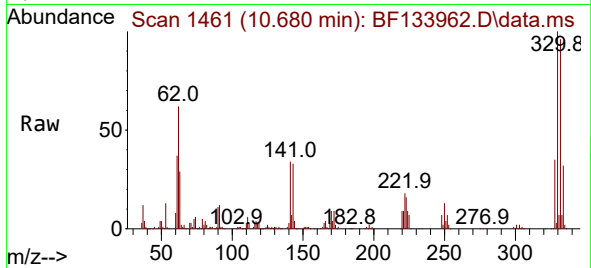
Tgt Ion: 164 Resp: 211282
Ion Ratio Lower Upper
164 100
162 99.3 80.0 120.0
160 46.5 35.9 53.9



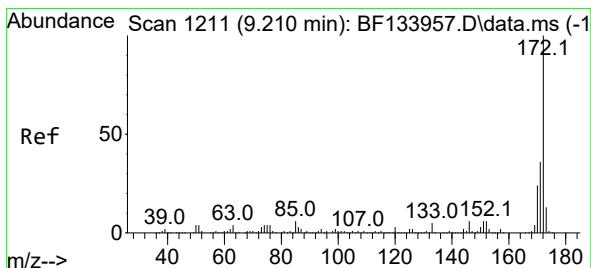
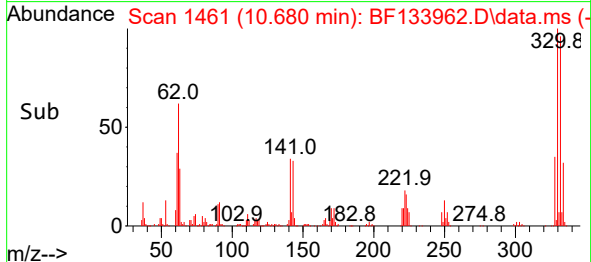
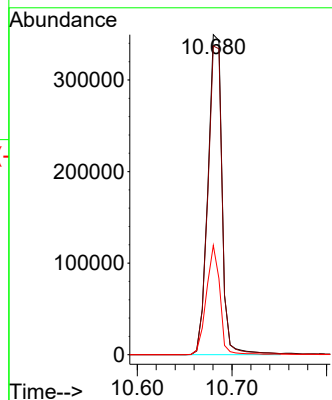


#42
2,4,6-Tribromophenol
Concen: 136.860 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF133962.D
Acq: 26 Jun 2023 20:29

Instrument :
BNA_F
ClientSampleId :
PB153526BL

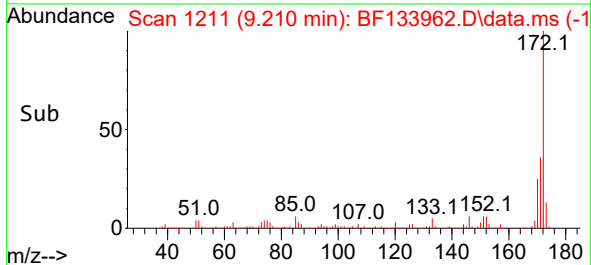
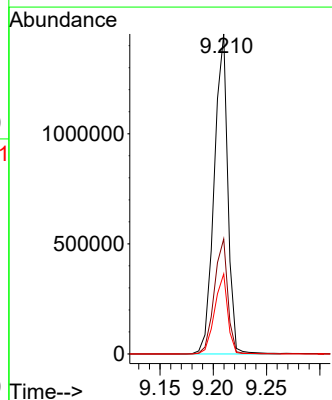
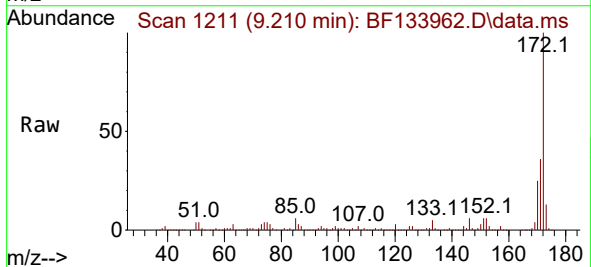


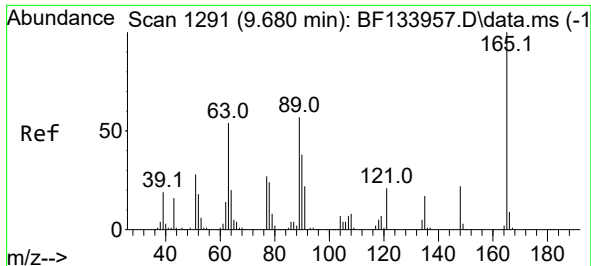
Tgt Ion:330 Resp: 362550
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.6
141 33.1 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 89.129 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133962.D
Acq: 26 Jun 2023 20:29

Tgt Ion:172 Resp: 1295232
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 25.0 19.4 29.0

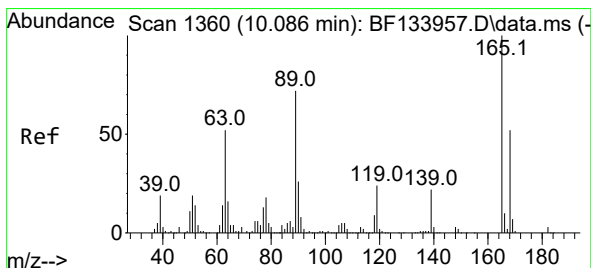
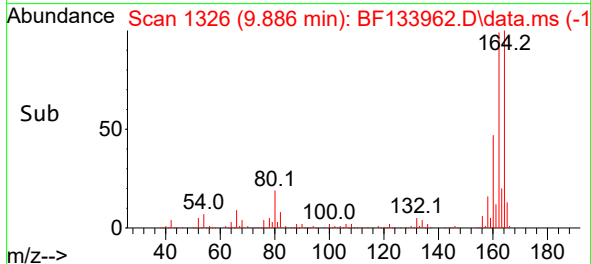
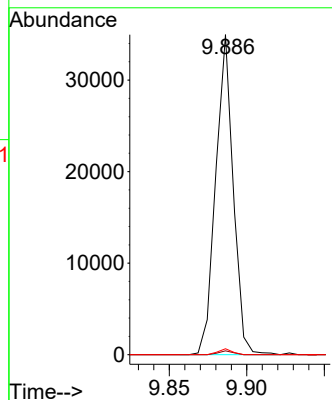
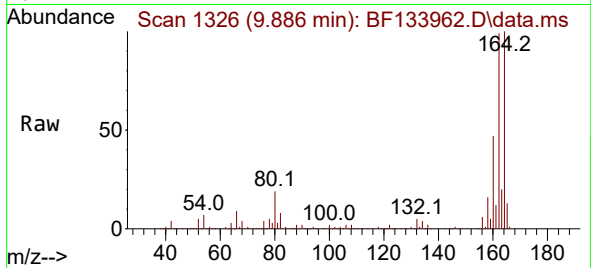




#51
2,6-Dinitrotoluene
Concen: 8.324 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133962.D
Acq: 26 Jun 2023 20:29

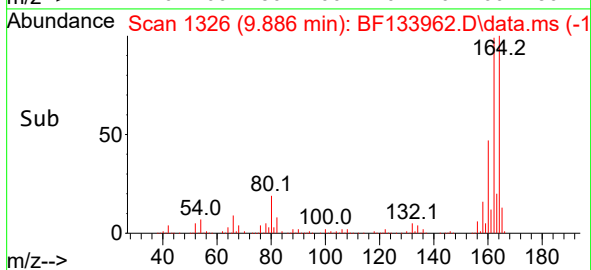
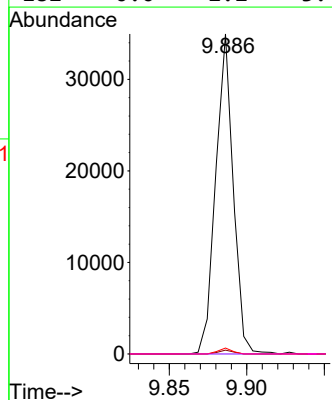
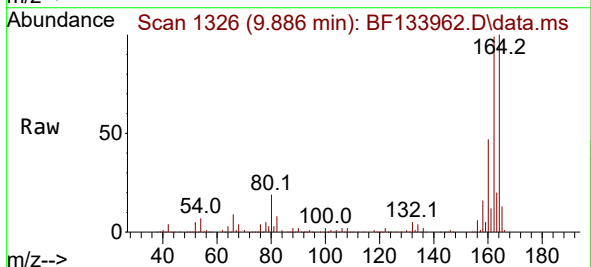
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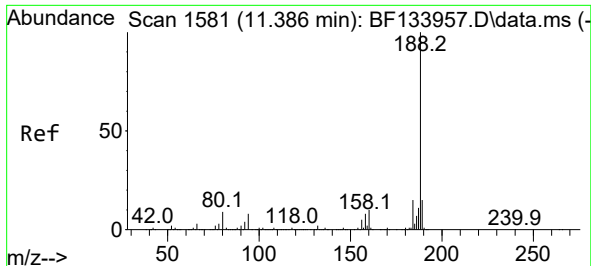
Tgt Ion:165 Resp: 27496
Ion Ratio Lower Upper
165 100
63 1.2 48.5 72.7#
89 1.8 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.303 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF133962.D
Acq: 26 Jun 2023 20:29

Tgt Ion:165 Resp: 27496
Ion Ratio Lower Upper
165 100
63 1.2 42.2 63.2#
89 1.8 57.4 86.2#
182 0.0 2.2 3.4#

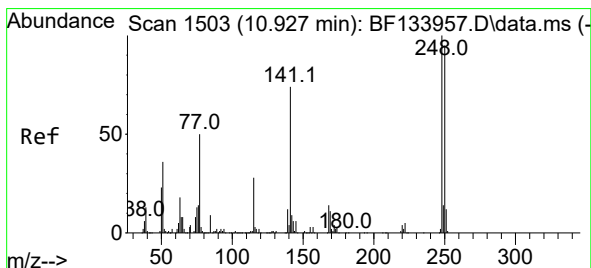
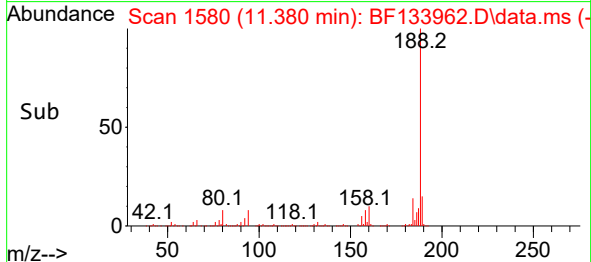
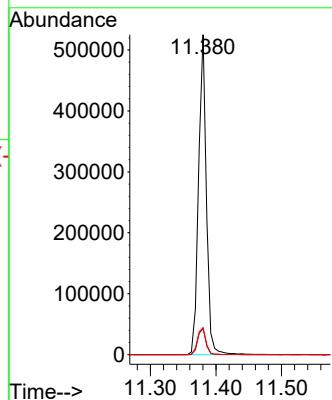
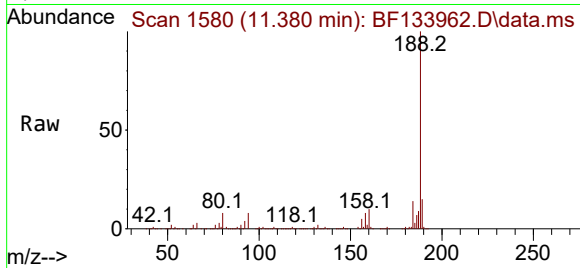




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133962.D
Acq: 26 Jun 2023 20:29

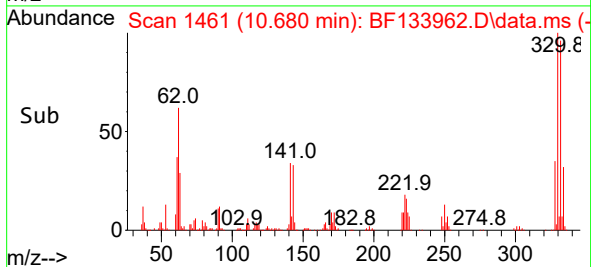
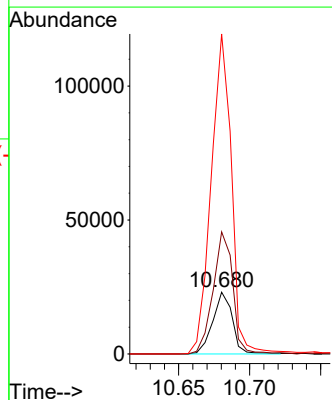
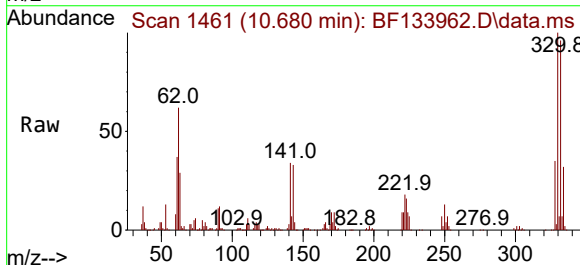
Instrument :
BNA_F
ClientSampleId :
PB153526BL

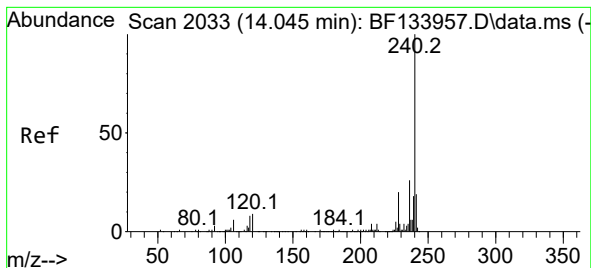
Tgt Ion:188 Resp: 435906
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 8.5 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 4.777 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF133962.D
Acq: 26 Jun 2023 20:29

Tgt Ion:248 Resp: 22133
Ion Ratio Lower Upper
248 100
250 197.4 76.2 114.4#
141 517.7 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF133962.D

Acq: 26 Jun 2023 20:29

Instrument :

BNA_F

ClientSampleId :

PB153526BL

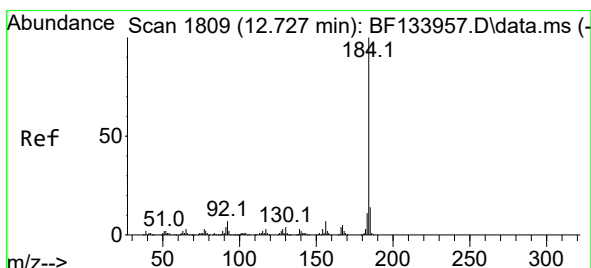
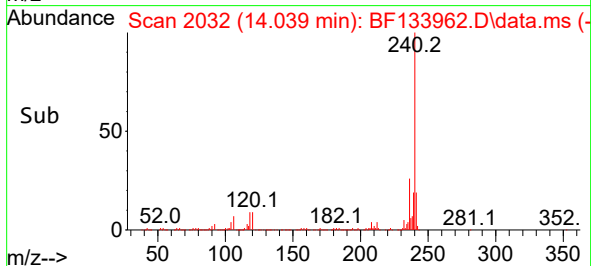
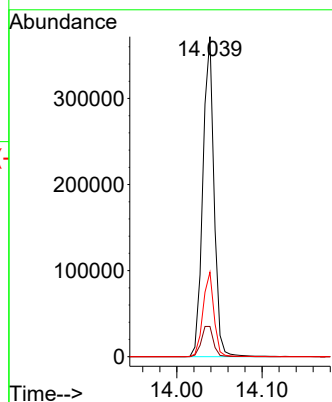
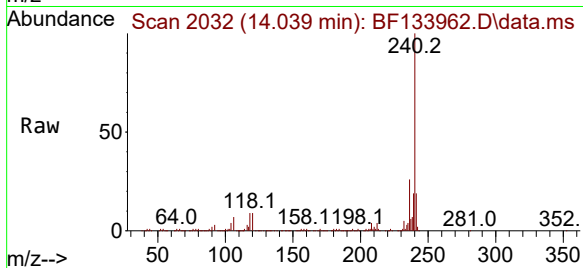
Tgt Ion:240 Resp: 339060

Ion Ratio Lower Upper

240 100

120 9.5 7.4 11.0

236 26.4 21.0 31.6



#77

Benzidine

Concen: 3.071 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.253 min

Lab File: BF133962.D

Acq: 26 Jun 2023 20:29

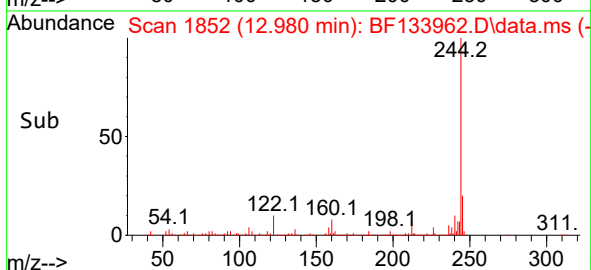
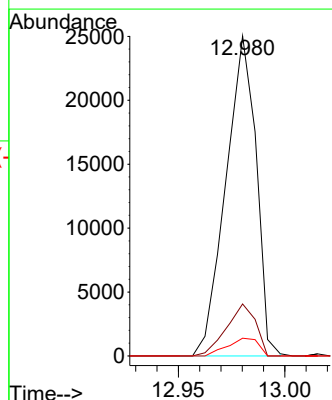
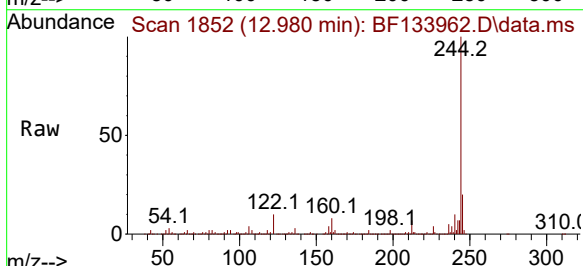
Tgt Ion:184 Resp: 24775

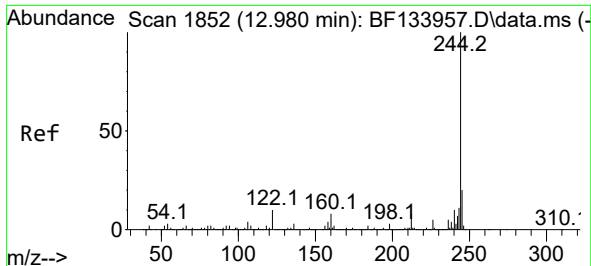
Ion Ratio Lower Upper

184 100

185 16.3 11.6 17.4

183 5.6 8.8 13.2#

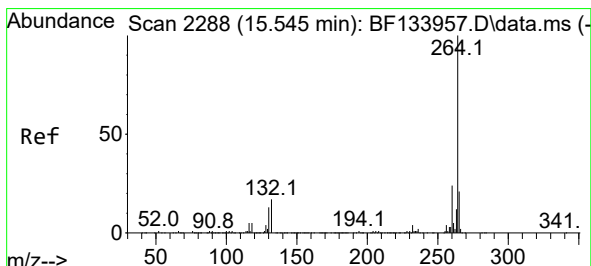
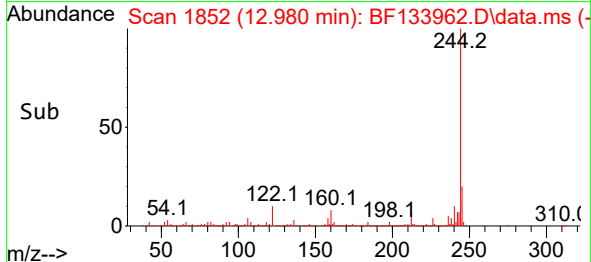
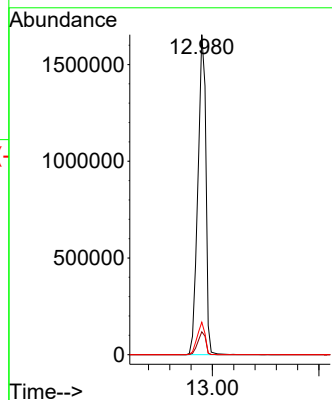
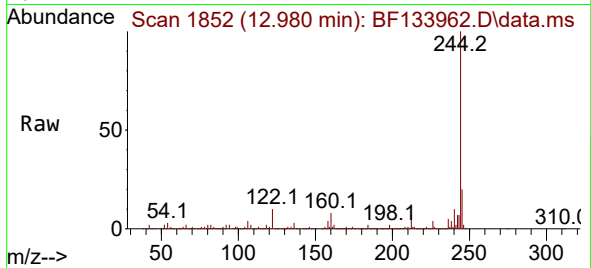




#79
 Terphenyl-d14
 Concen: 81.302 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133962.D
 Acq: 26 Jun 2023 20:29

Instrument :
 BNA_F
 ClientSampleId :
 PB153526BL

Tgt Ion:244 Resp: 1712813
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF133962.D
 Acq: 26 Jun 2023 20:29

Tgt Ion:264 Resp: 279801
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.3 16.6 25.0

