

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
 Data File : BF133829.D
 Acq On : 19 Jun 2023 12:29
 Operator : CG\JU
 Sample : PB153397BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153397BL

Quant Time: Jun 20 01:30:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

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

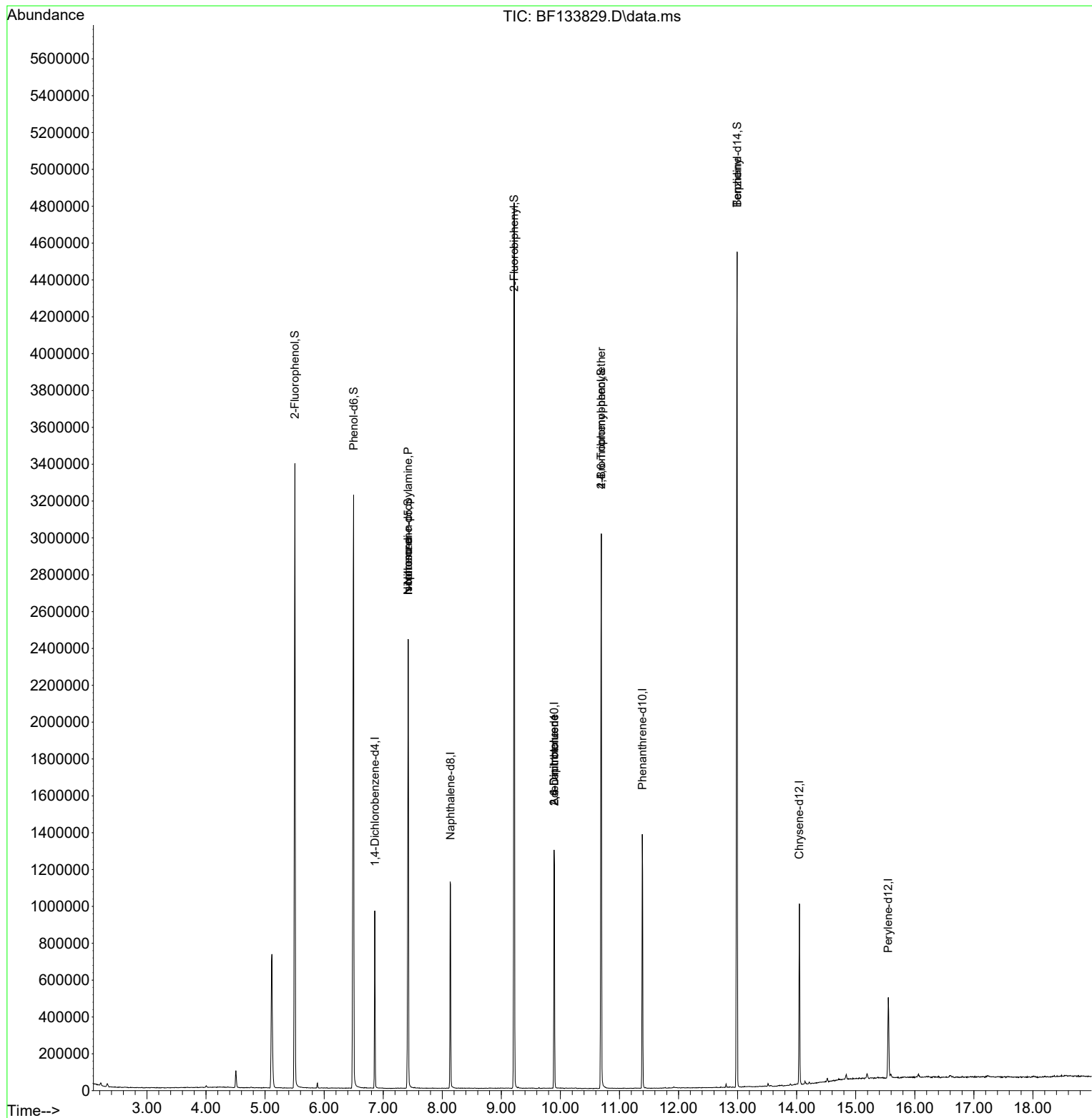
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	123500	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	509438	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	264752	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	503854	20.000	ng	0.00
76) Chrysene-d12	14.045	240	309485	20.000	ng	0.00
86) Perylene-d12	15.551	264	207165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	928928	130.945	ng	0.01
7) Phenol-d6	6.498	99	1144067	123.897	ng	0.00
23) Nitrobenzene-d5	7.422	82	786921	84.134	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	369242	110.179	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1459738	78.377	ng	0.00
79) Terphenyl-d14	12.992	244	1681075	84.049	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	110287	18.772	ng	# 78
25) Isophorone	7.422	82	782348	45.561	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	33973	8.329	ng	# 27
57) 2,4-Dinitrotoluene	9.892	165	33973	6.549	ng	# 19
67) 4-Bromophenyl-phenylether	10.692	248	23758	4.225	ng	# 1
77) Benzidine	12.992	184	24207	2.331	ng	# 94

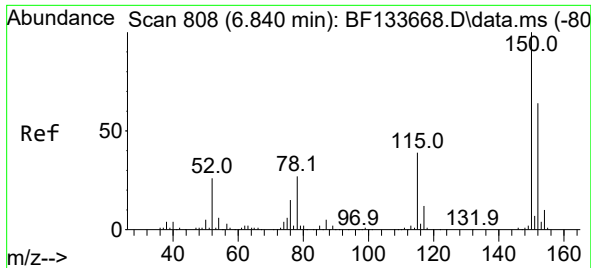
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
Data File : BF133829.D
Acq On : 19 Jun 2023 12:29
Operator : CG\JU
Sample : PB153397BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB153397BL

Quant Time: Jun 20 01:30:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 19 16:00:59 2023
Response via : Initial Calibration

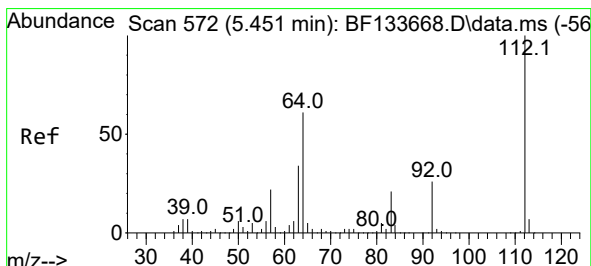
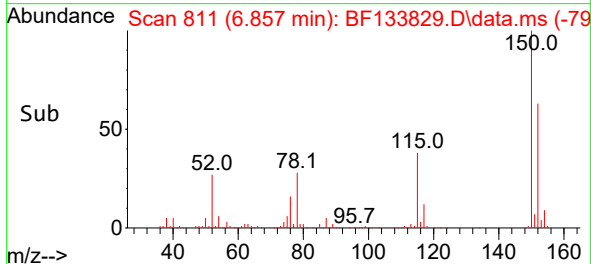
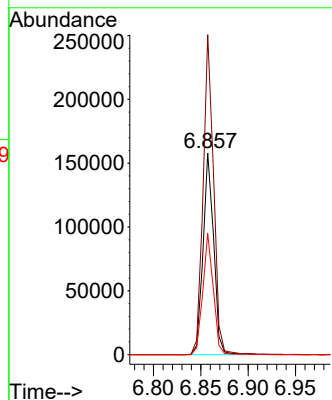
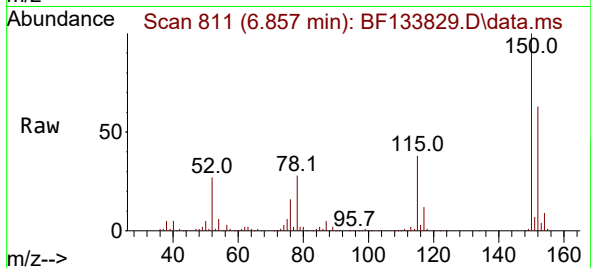




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133829.D
Acq: 19 Jun 2023 12:29

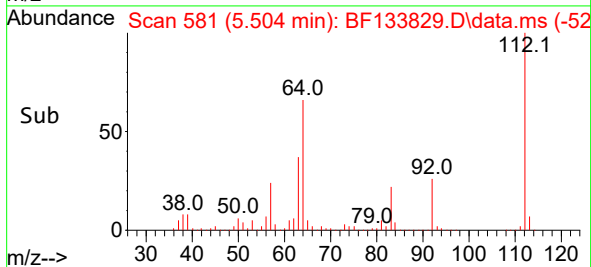
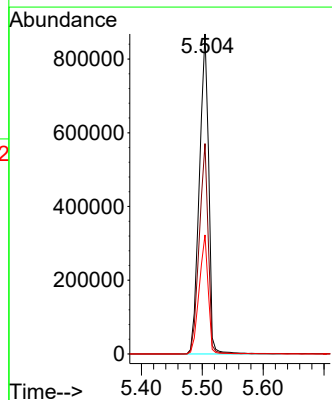
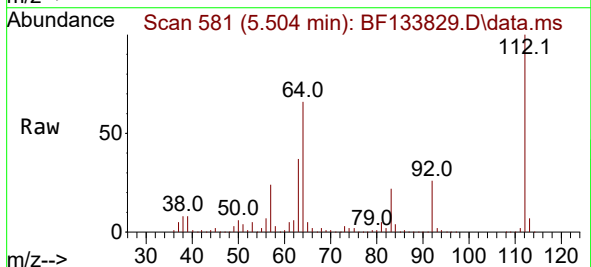
Instrument :
BNA_F
ClientSampleId :
PB153397BL

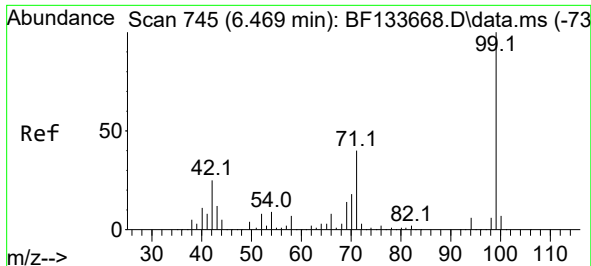
Tgt Ion:152 Resp: 123500
Ion Ratio Lower Upper
152 100
150 158.7 124.3 186.5
115 60.1 48.5 72.7



#5
2-Fluorophenol
Concen: 130.945 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF133829.D
Acq: 19 Jun 2023 12:29

Tgt Ion:112 Resp: 928928
Ion Ratio Lower Upper
112 100
64 65.8 49.0 73.4
63 37.2 26.8 40.2

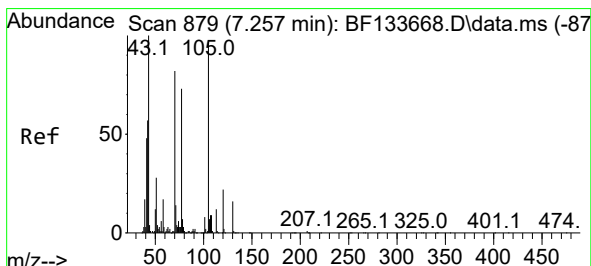
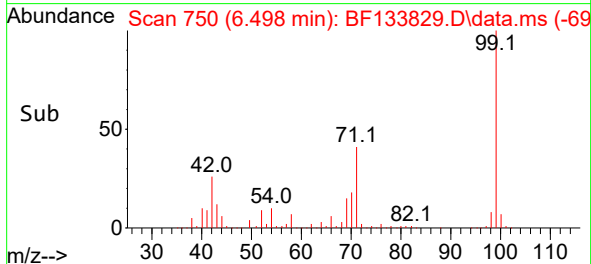
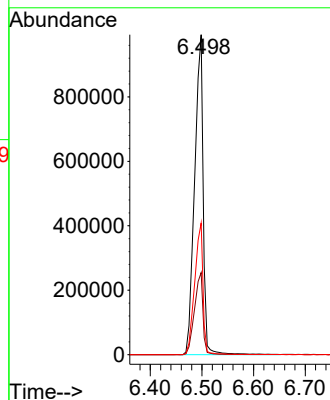
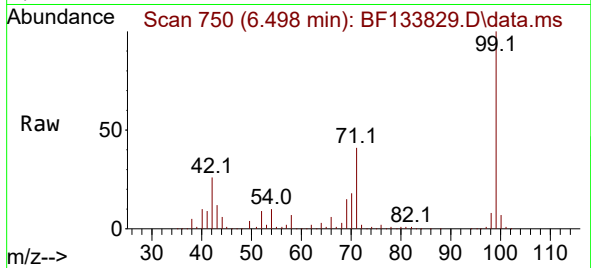




#7
Phenol-d6
Concen: 123.897 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133829.D
Acq: 19 Jun 2023 12:29

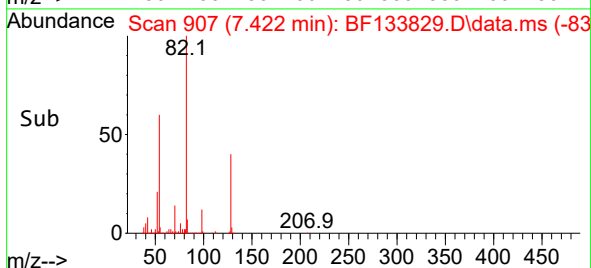
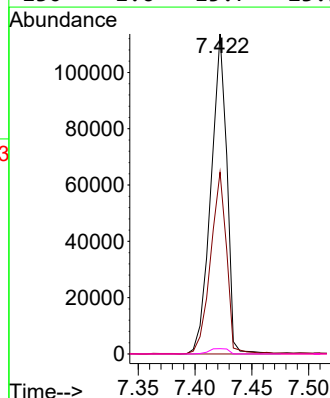
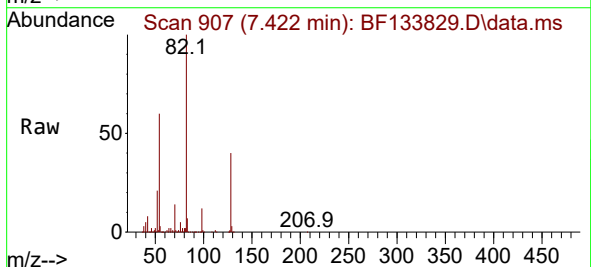
Instrument :
BNA_F
ClientSampleId :
PB153397BL

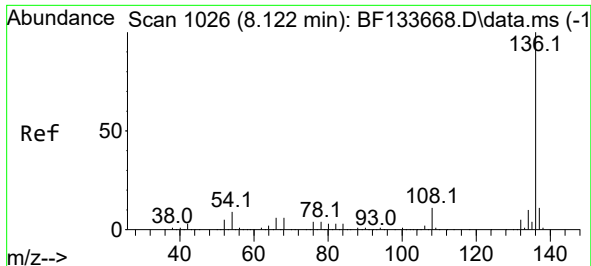
Tgt Ion: 99 Resp: 1144067
Ion Ratio Lower Upper
99 100
42 25.7 19.9 29.9
71 41.2 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.772 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133829.D
Acq: 19 Jun 2023 12:29

Tgt Ion: 70 Resp: 110287
Ion Ratio Lower Upper
70 100
42 56.8 55.8 83.8
101 0.0 8.1 12.1#
130 1.6 15.7 23.5#

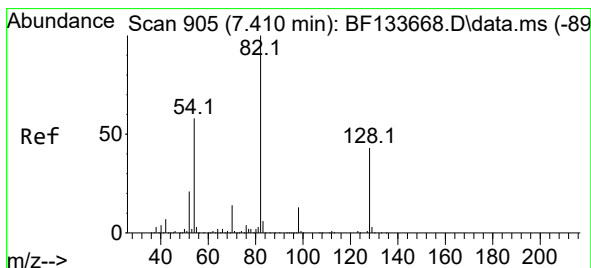
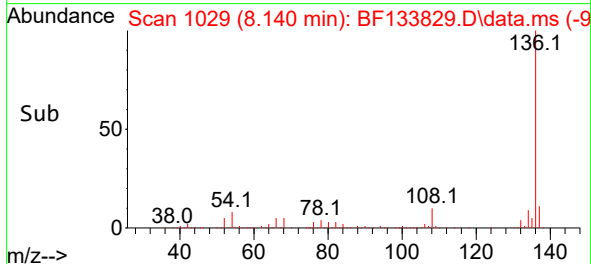
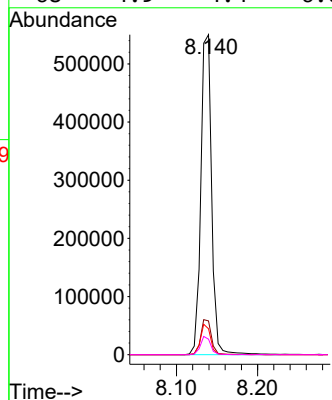
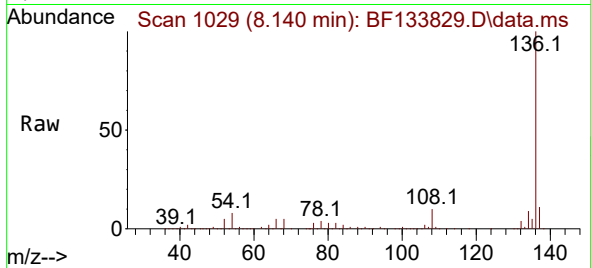




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133829.D
Acq: 19 Jun 2023 12:29

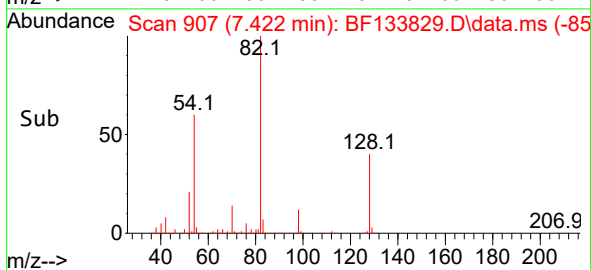
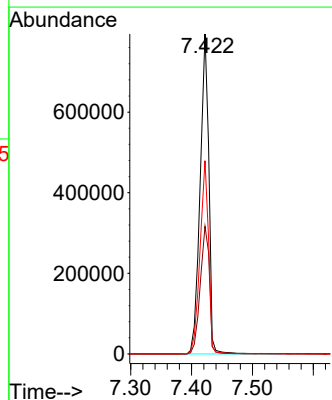
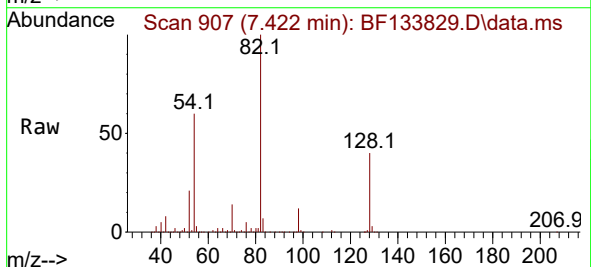
Instrument :
BNA_F
ClientSampleId :
PB153397BL

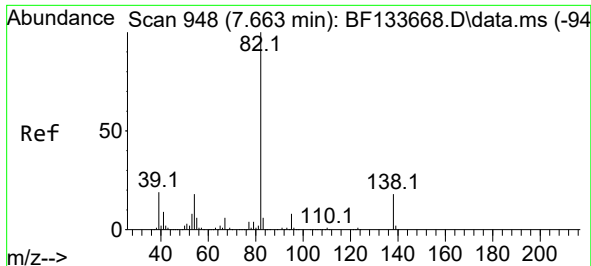
Tgt Ion:136 Resp: 509438
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.1 7.4 11.0
68 4.9 4.4 6.6



#23
Nitrobenzene-d5
Concen: 84.134 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133829.D
Acq: 19 Jun 2023 12:29

Tgt Ion: 82 Resp: 786921
Ion Ratio Lower Upper
82 100
128 39.9 34.2 51.2
54 60.4 46.5 69.7

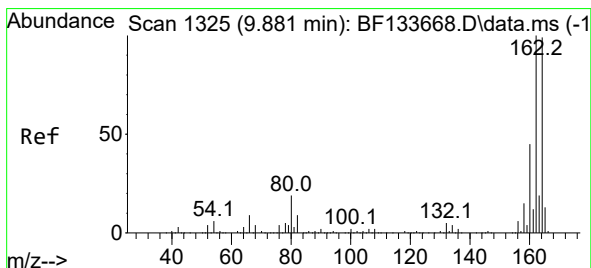
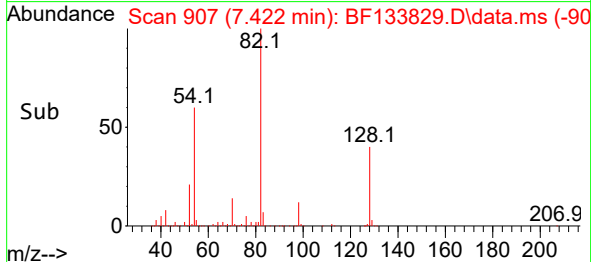
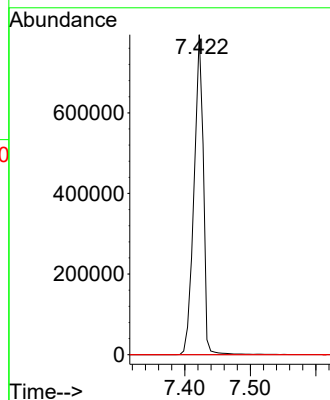
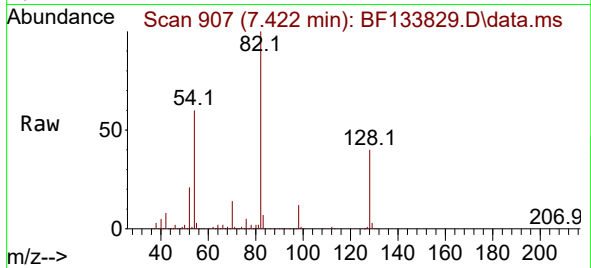




#25
Isophorone
Concen: 45.561 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133829.D
Acq: 19 Jun 2023 12:29

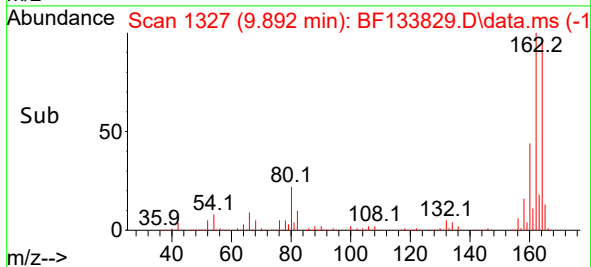
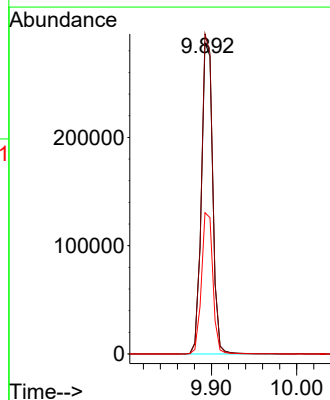
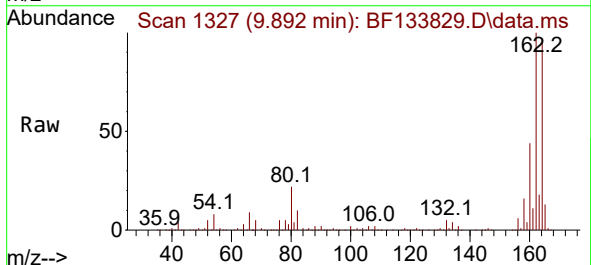
Instrument :
BNA_F
ClientSampleId :
PB153397BL

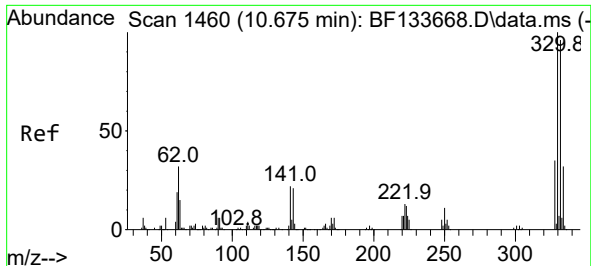
Tgt Ion: 82 Resp: 782348
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF133829.D
Acq: 19 Jun 2023 12:29

Tgt Ion: 164 Resp: 264752
Ion Ratio Lower Upper
164 100
162 102.9 80.8 121.2
160 45.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 110.179 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF133829.D

Acq: 19 Jun 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB153397BL

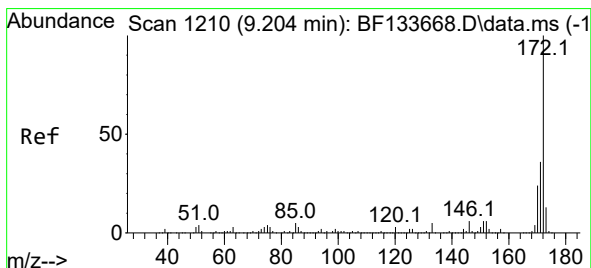
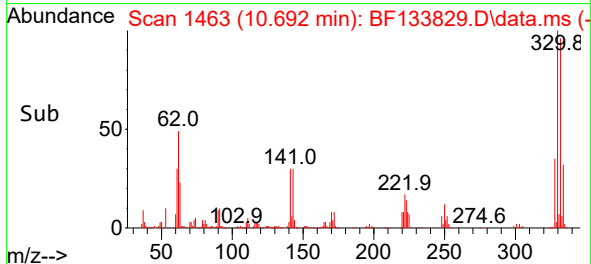
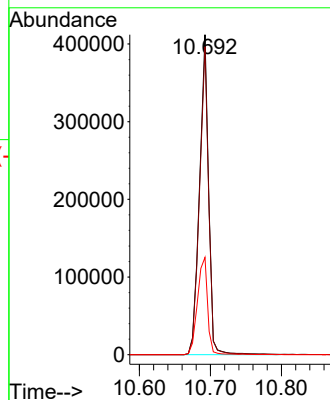
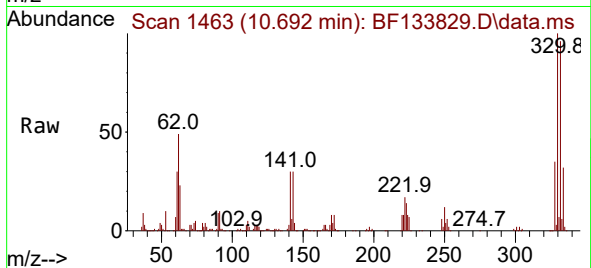
Tgt Ion:330 Resp: 369242

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

141 33.9 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 78.377 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133829.D

Acq: 19 Jun 2023 12:29

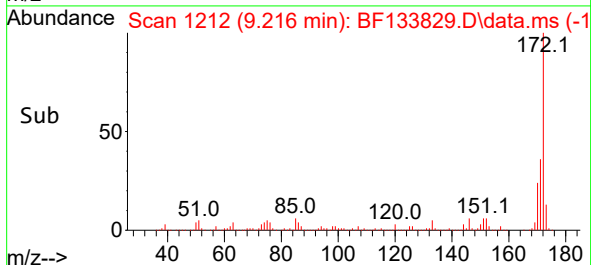
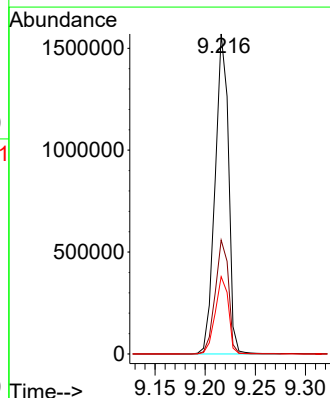
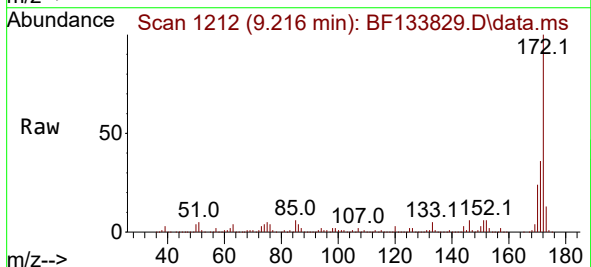
Tgt Ion:172 Resp: 1459738

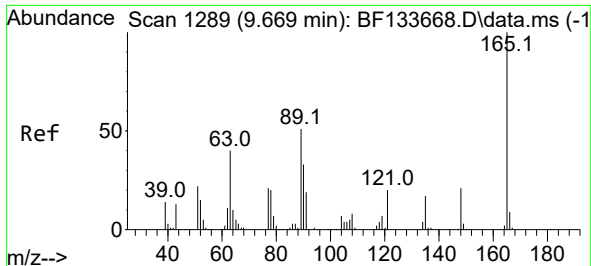
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 24.2 19.1 28.7

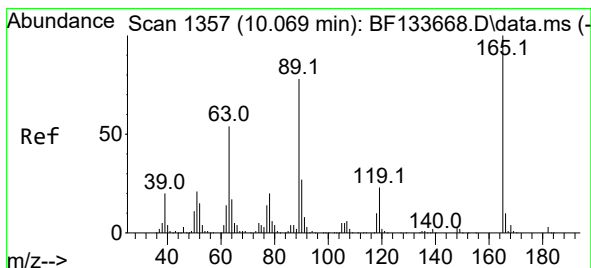
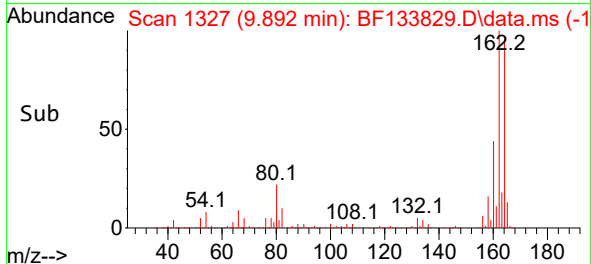
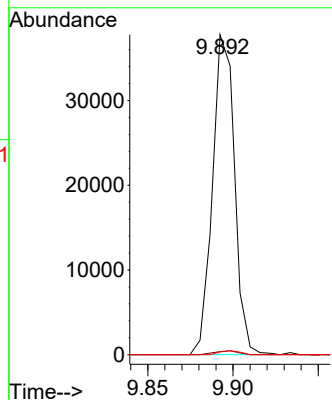
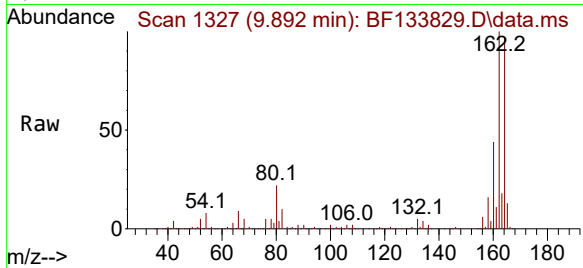




#51
2,6-Dinitrotoluene
Concen: 8.329 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133829.D
Acq: 19 Jun 2023 12:29

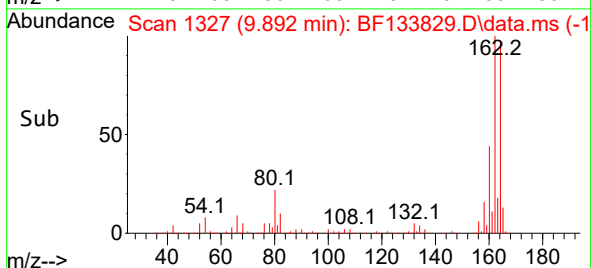
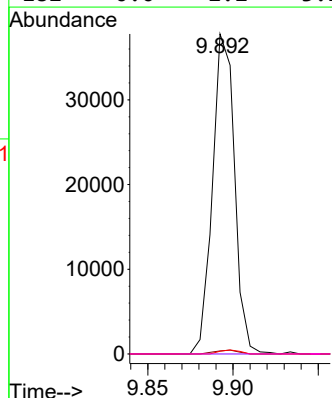
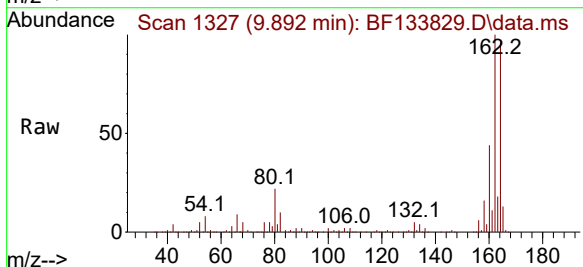
Instrument :
BNA_F
ClientSampleId :
PB153397BL

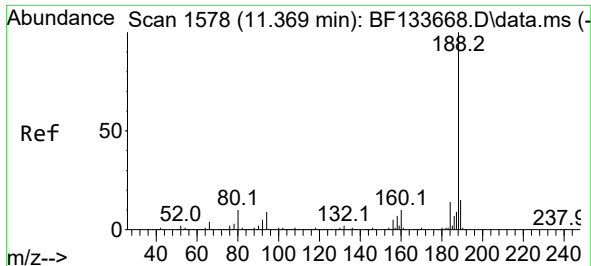
Tgt Ion:165 Resp: 33973
Ion Ratio Lower Upper
165 100
63 1.0 42.1 63.1#
89 0.9 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.549 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF133829.D
Acq: 19 Jun 2023 12:29

Tgt Ion:165 Resp: 33973
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 0.9 62.6 93.8#
182 0.0 2.2 3.2#

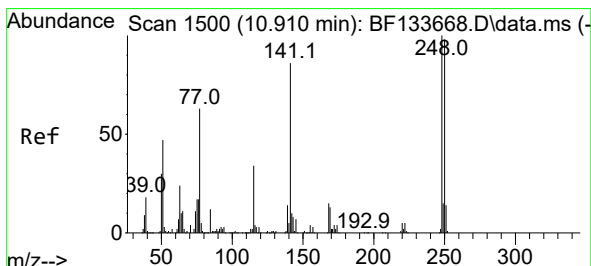
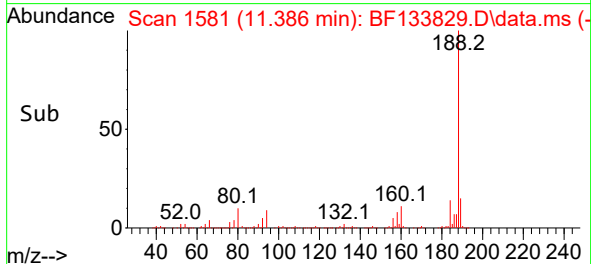
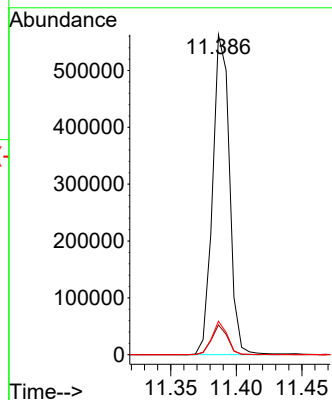
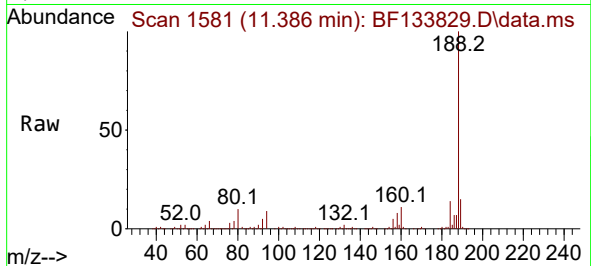




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133829.D
Acq: 19 Jun 2023 12:29

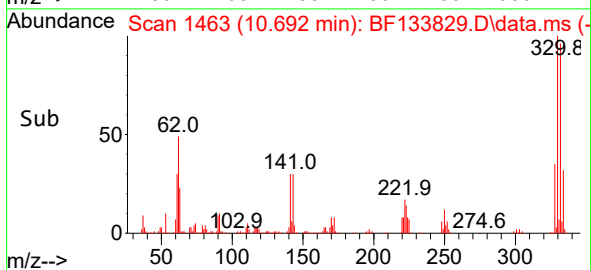
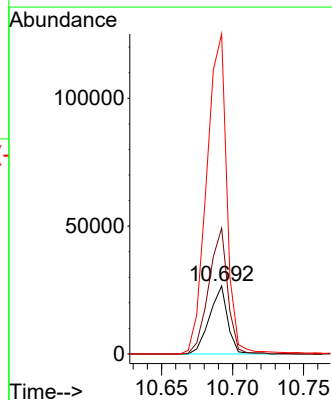
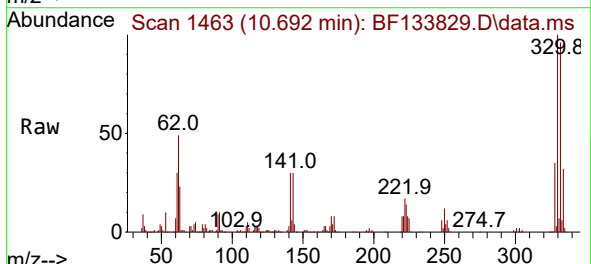
Instrument :
BNA_F
ClientSampleId :
PB153397BL

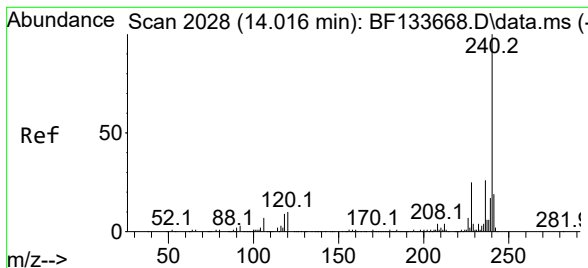
Tgt Ion:188 Resp: 503854
Ion Ratio Lower Upper
188 100
94 9.3 6.8 10.2
80 10.4 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 4.225 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF133829.D
Acq: 19 Jun 2023 12:29

Tgt Ion:248 Resp: 23758
Ion Ratio Lower Upper
248 100
250 184.8 78.3 117.5#
141 470.1 69.0 103.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133829.D

Acq: 19 Jun 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB153397BL

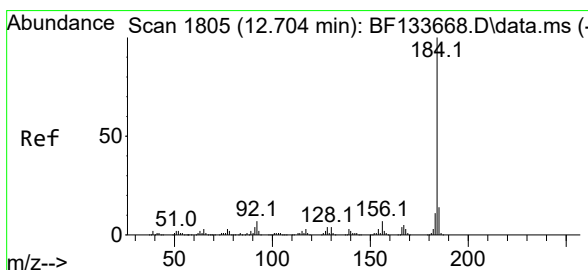
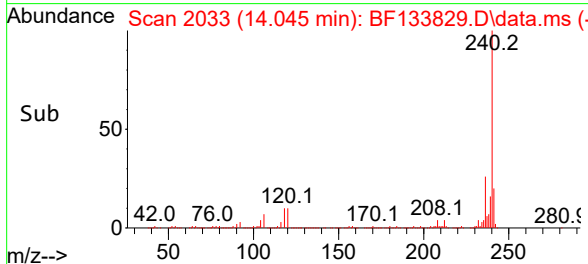
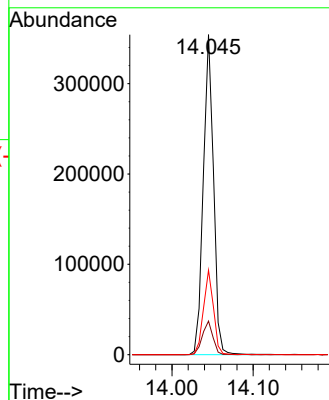
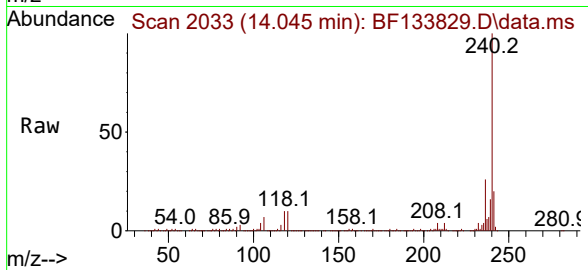
Tgt Ion:240 Resp: 309485

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

236 26.4 20.5 30.7



#77

Benzidine

Concen: 2.331 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF133829.D

Acq: 19 Jun 2023 12:29

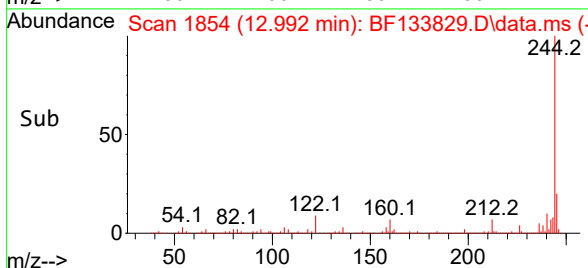
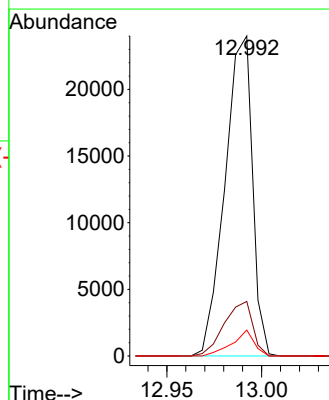
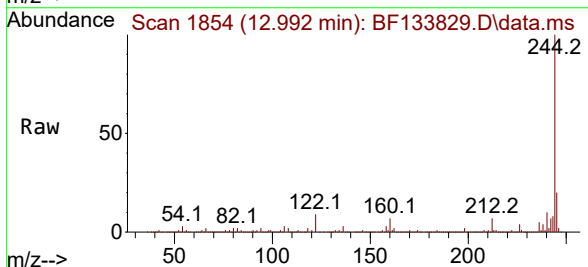
Tgt Ion:184 Resp: 24207

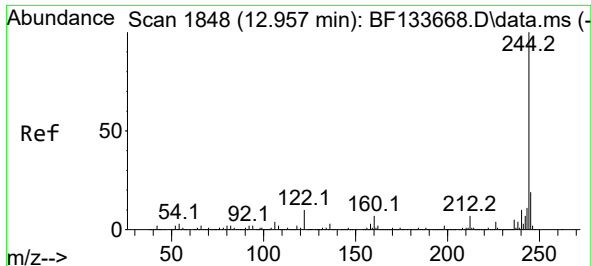
Ion Ratio Lower Upper

184 100

185 17.0 11.6 17.4

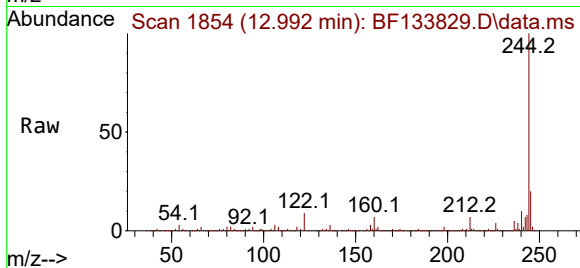
183 8.1 8.4 12.6#



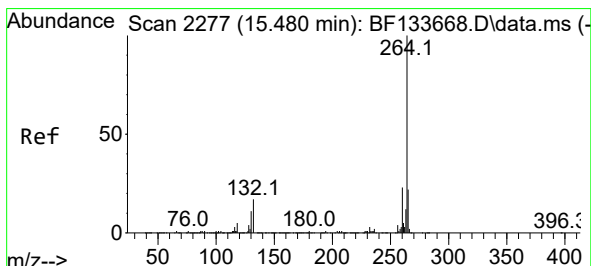
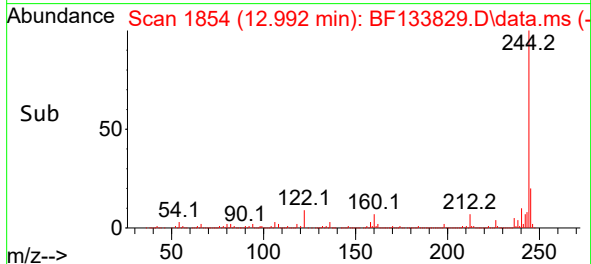
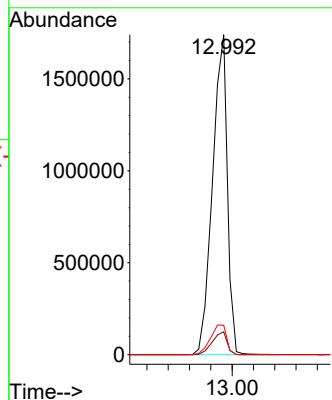


#79
 Terphenyl-d14
 Concen: 84.049 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133829.D
 Acq: 19 Jun 2023 12:29

Instrument :
 BNA_F
 ClientSampleId :
 PB153397BL



Tgt Ion:244 Resp: 1681075
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 9.2 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. -0.006 min
 Lab File: BF133829.D
 Acq: 19 Jun 2023 12:29

Tgt Ion:264 Resp: 207165
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.2
 265 21.7 17.8 26.6

