

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
 Data File : BF133831.D
 Acq On : 19 Jun 2023 13:35
 Operator : CG\JU
 Sample : PB153132BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153132BL

Quant Time: Jun 20 01:31:29 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)

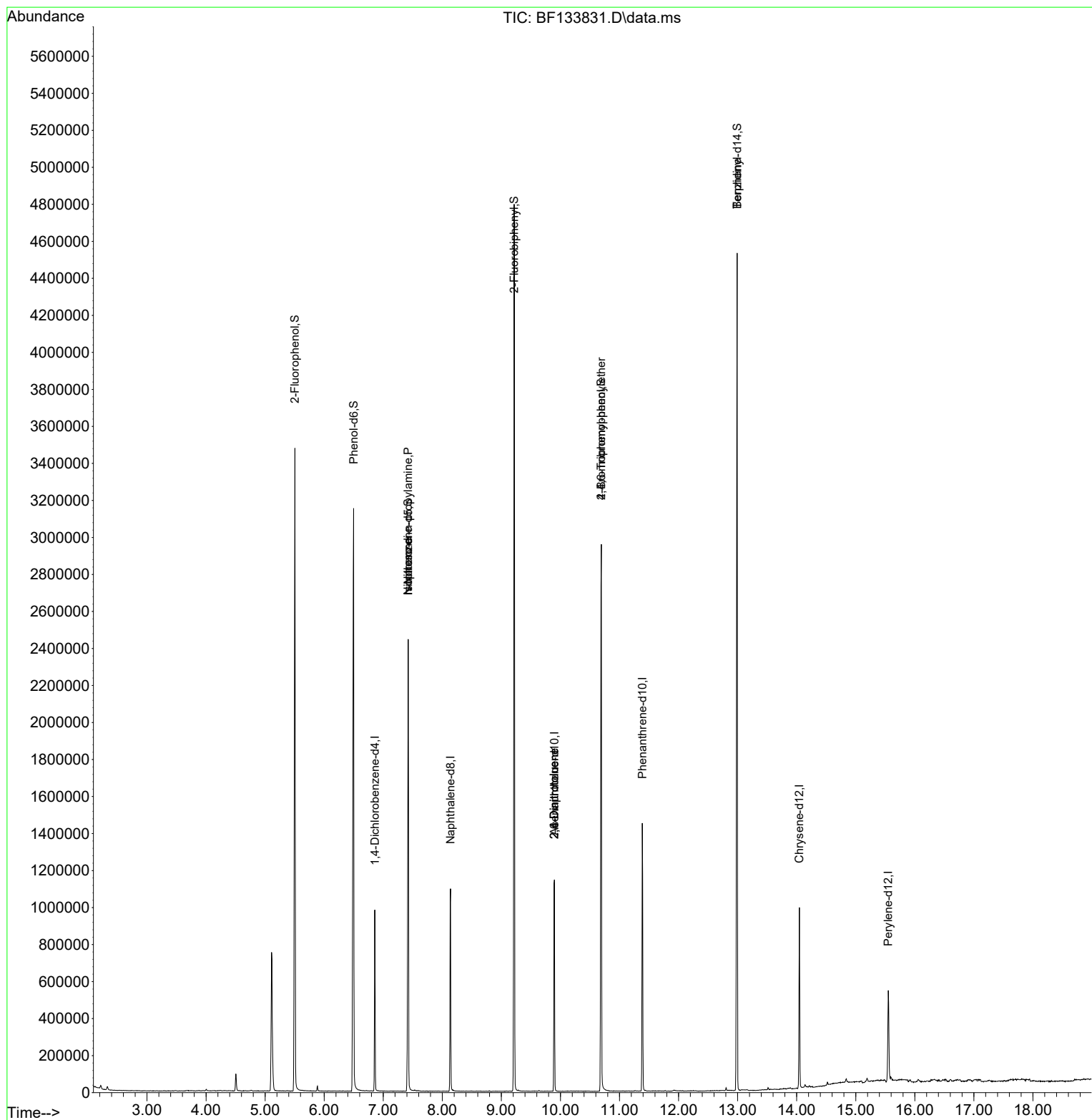
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	125812	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	489160	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	239960	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	539346	20.000	ng	0.00
76) Chrysene-d12	14.045	240	299828	20.000	ng	0.00
86) Perylene-d12	15.551	264	232270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	931620	128.911	ng	0.01
7) Phenol-d6	6.498	99	1131341	120.267	ng	0.00
23) Nitrobenzene-d5	7.422	82	796267	88.662	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	385795	127.012	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1447152	85.729	ng	0.00
79) Terphenyl-d14	12.992	244	1610495	83.114	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	111600	18.646	ng	# 79
25) Isophorone	7.422	82	791008	47.975	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	30933	8.367	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	30933	6.579	ng	# 19
67) 4-Bromophenyl-phenylether	10.692	248	24152	4.012	ng	# 1
77) Benzidine	12.992	184	23497	2.335	ng	# 94

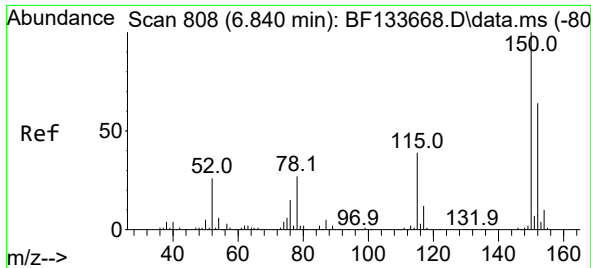
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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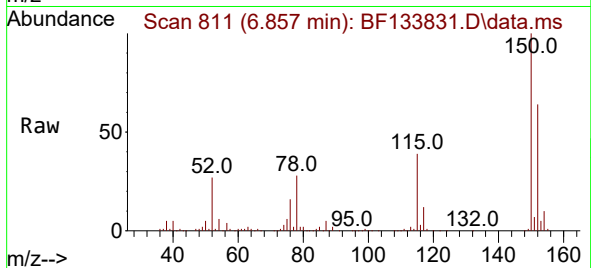
Quant Time: Jun 20 01:31:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 19 16:00:59 2023
Response via : Initial Calibration



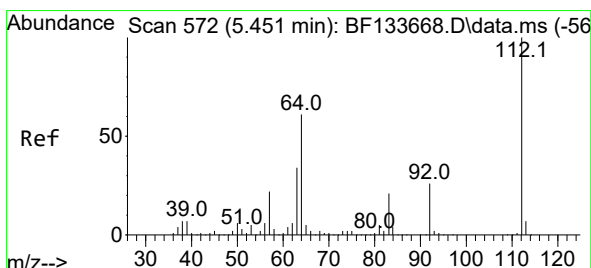
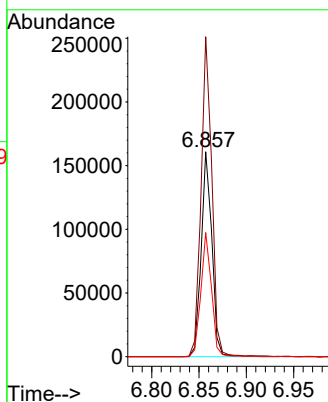
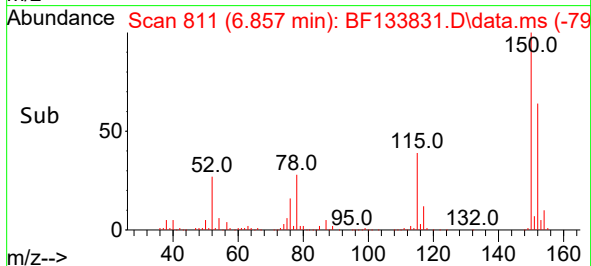


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133831.D
Acq: 19 Jun 2023 13:35

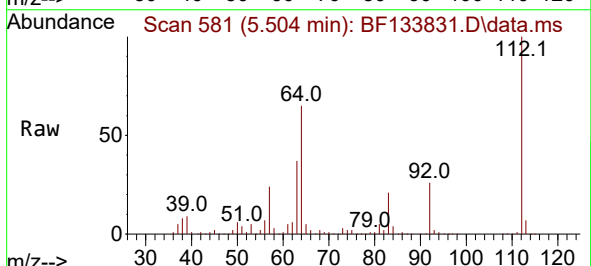
Instrument :
BNA_F
ClientSampleId :
PB153132BL



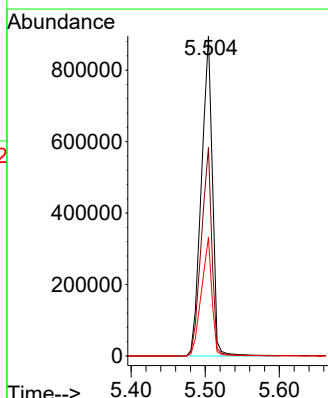
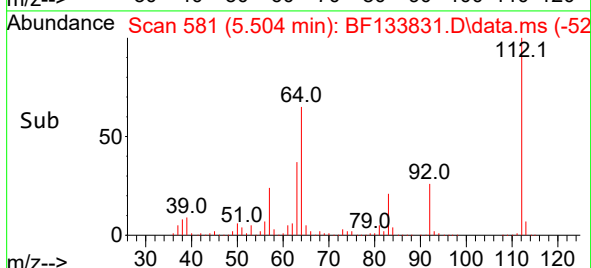
Tgt Ion:152 Resp: 125812
Ion Ratio Lower Upper
152 100
150 156.1 124.3 186.5
115 60.6 48.5 72.7

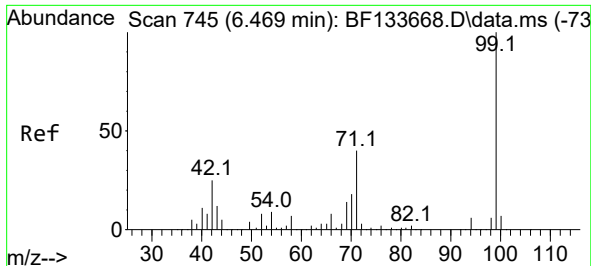


#5
2-Fluorophenol
Concen: 128.911 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF133831.D
Acq: 19 Jun 2023 13:35



Tgt Ion:112 Resp: 931620
Ion Ratio Lower Upper
112 100
64 65.2 49.0 73.4
63 37.0 26.8 40.2

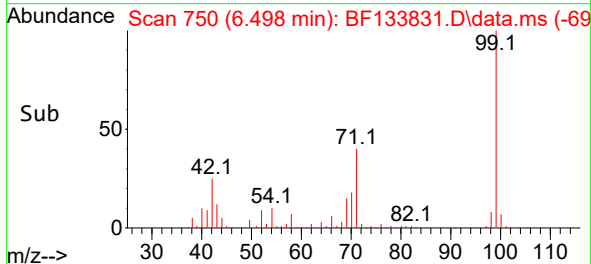
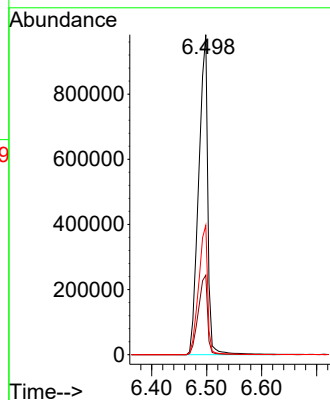
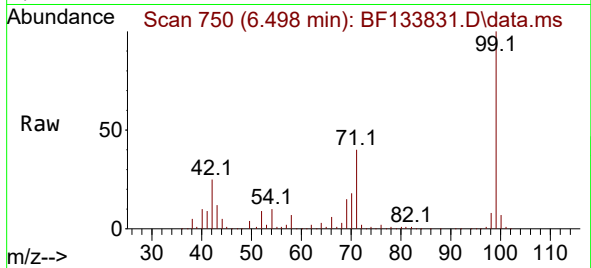




#7
Phenol-d6
Concen: 120.267 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133831.D
Acq: 19 Jun 2023 13:35

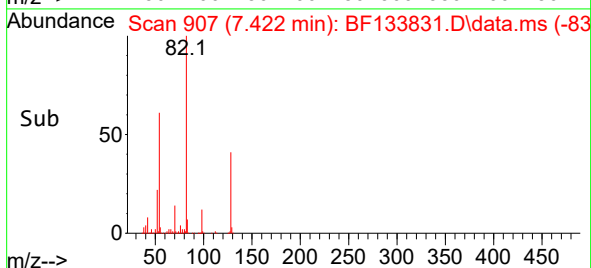
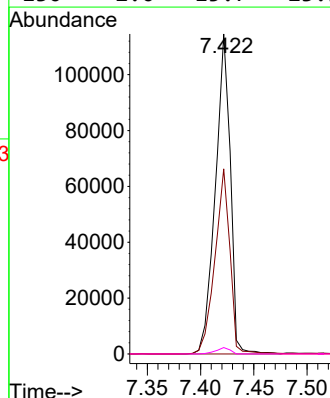
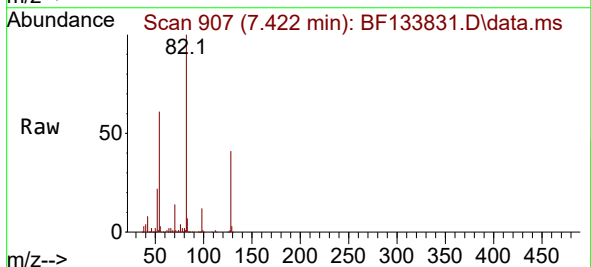
Instrument :
BNA_F
ClientSampleId :
PB153132BL

Tgt Ion: 99 Resp: 1131341
Ion Ratio Lower Upper
99 100
42 24.9 19.9 29.9
71 40.4 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.646 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133831.D
Acq: 19 Jun 2023 13:35

Tgt Ion: 70 Resp: 111600
Ion Ratio Lower Upper
70 100
42 57.8 55.8 83.8
101 0.0 8.1 12.1#
130 2.0 15.7 23.5#

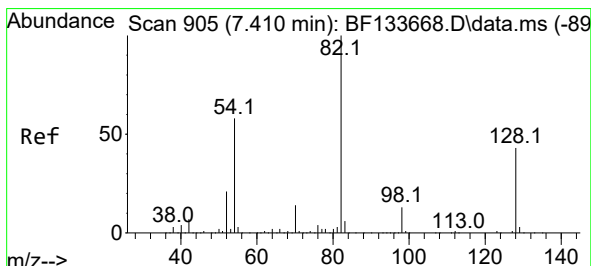
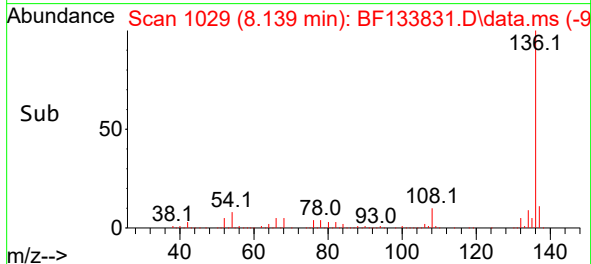
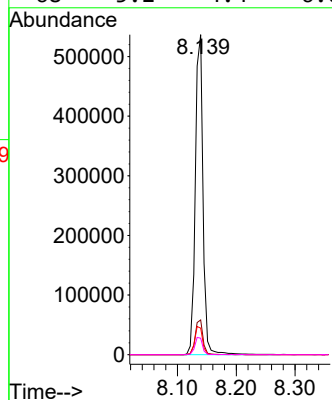
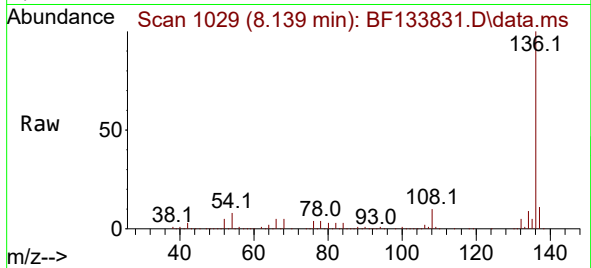




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF133831.D
Acq: 19 Jun 2023 13:35

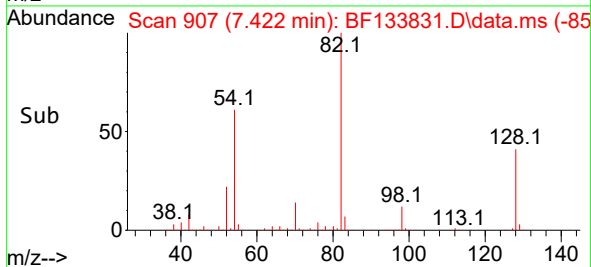
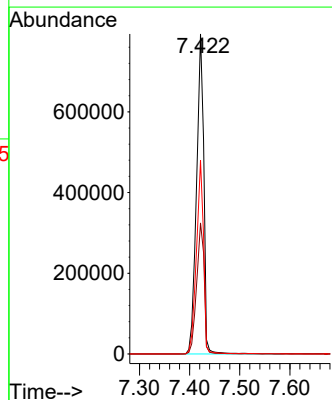
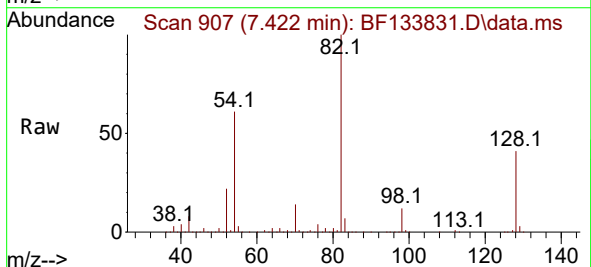
Instrument :
BNA_F
ClientSampleId :
PB153132BL

Tgt Ion:136 Resp: 489160
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.3 7.4 11.0
68 5.2 4.4 6.6



#23
Nitrobenzene-d5
Concen: 88.662 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133831.D
Acq: 19 Jun 2023 13:35

Tgt Ion: 82 Resp: 796267
Ion Ratio Lower Upper
82 100
128 41.0 34.2 51.2
54 60.5 46.5 69.7

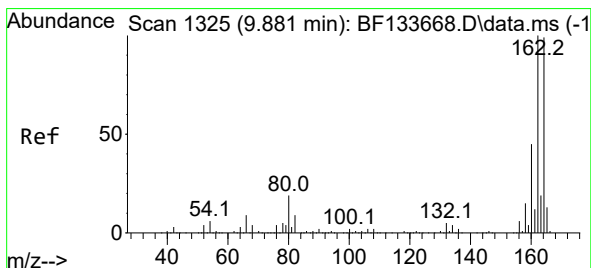
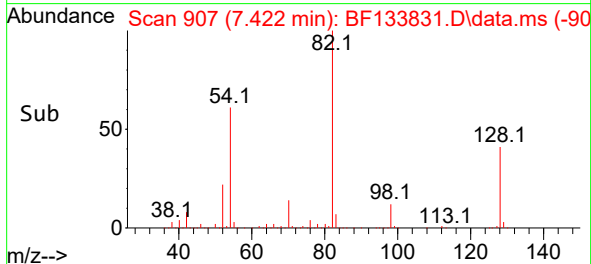
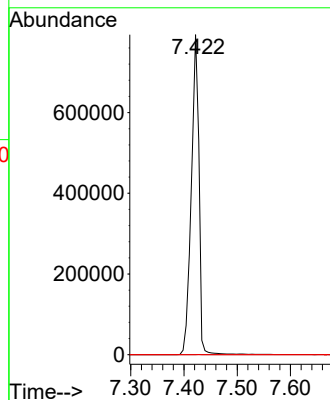
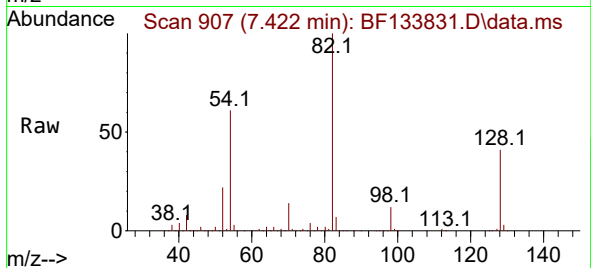




#25
Isophorone
Concen: 47.975 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133831.D
Acq: 19 Jun 2023 13:35

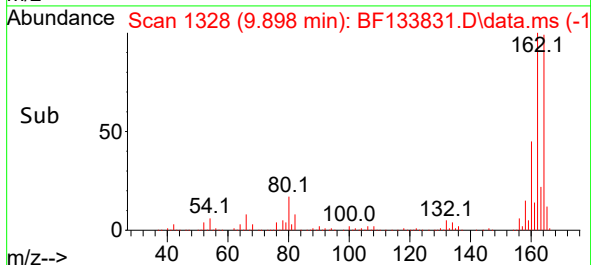
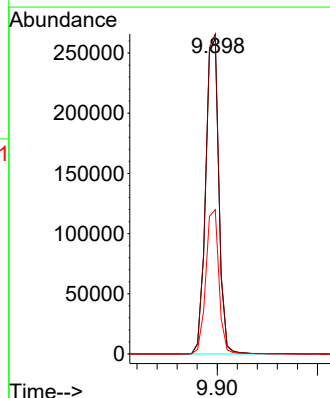
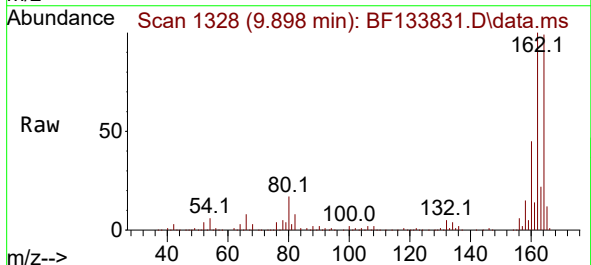
Instrument :
BNA_F
ClientSampleId :
PB153132BL

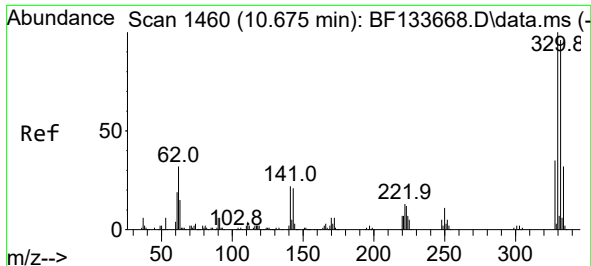
Tgt Ion: 82 Resp: 791008
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF133831.D
Acq: 19 Jun 2023 13:35

Tgt Ion: 164 Resp: 239960
Ion Ratio Lower Upper
164 100
162 101.5 80.8 121.2
160 45.8 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 127.012 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF133831.D

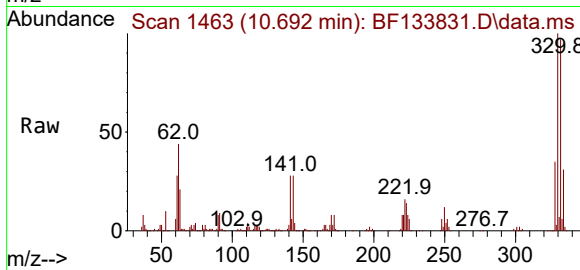
Acq: 19 Jun 2023 13:35

Instrument :

BNA_F

ClientSampleId :

PB153132BL



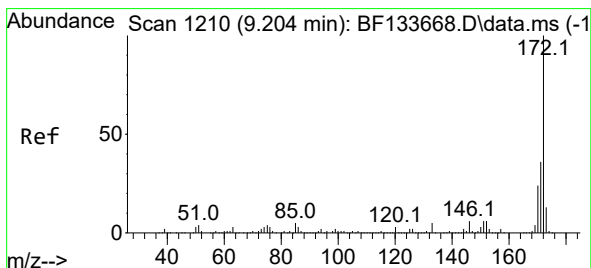
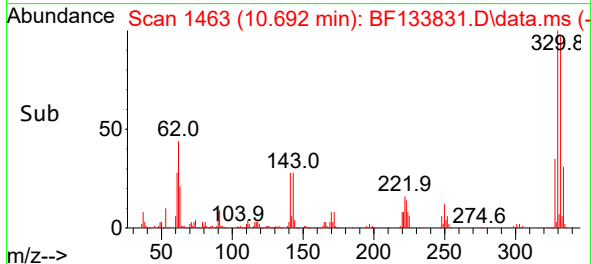
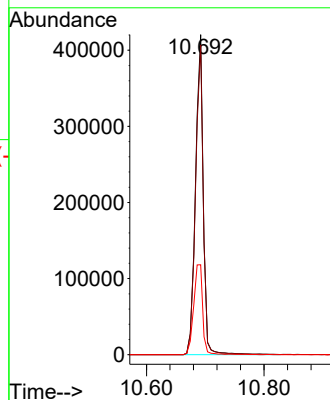
Tgt Ion:330 Resp: 385795

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

141 32.4 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 85.729 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133831.D

Acq: 19 Jun 2023 13:35

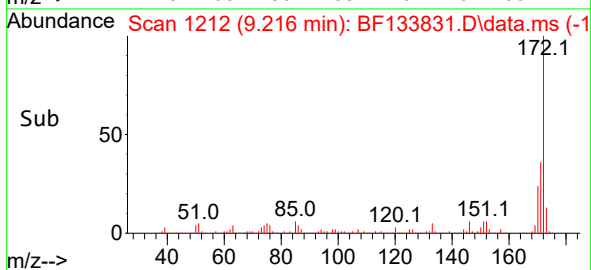
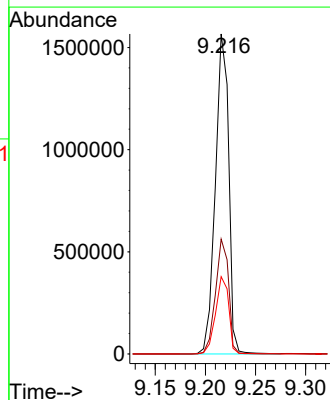
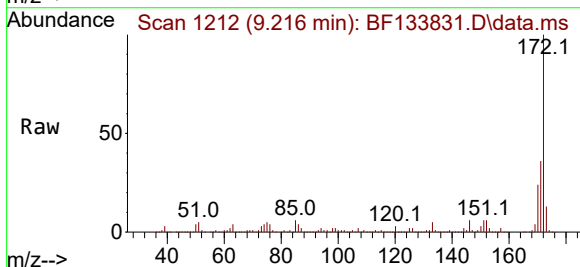
Tgt Ion:172 Resp: 1447152

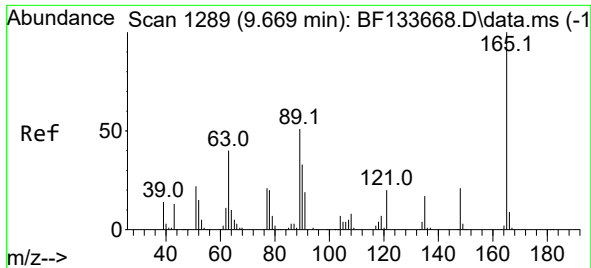
Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 24.1 19.1 28.7

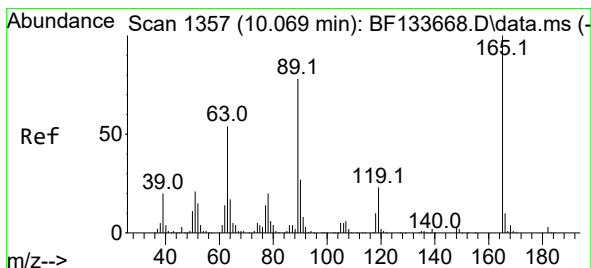
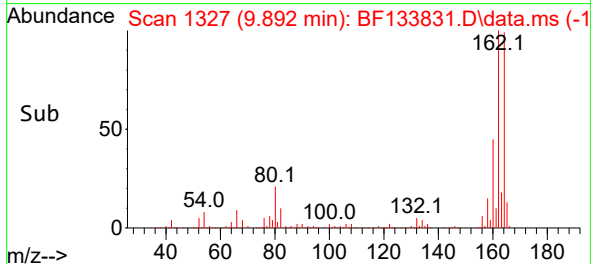
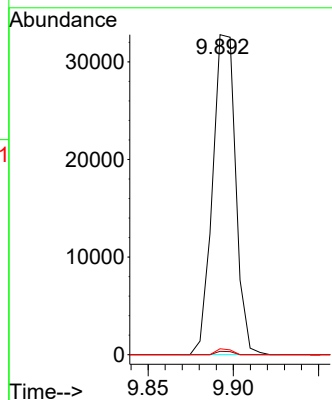
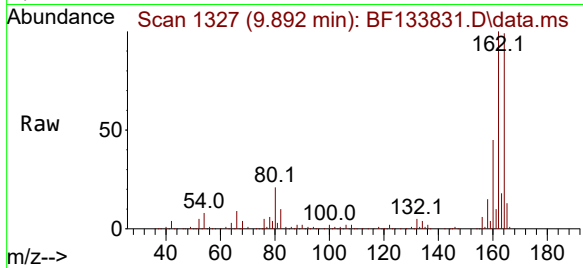




#51
2,6-Dinitrotoluene
Concen: 8.367 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133831.D
Acq: 19 Jun 2023 13:35

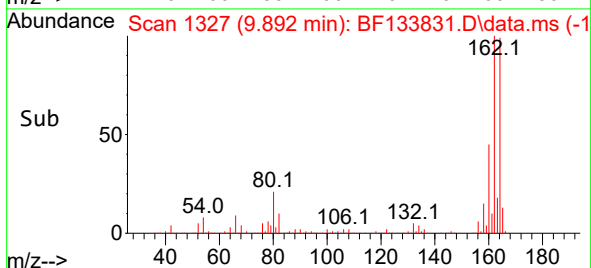
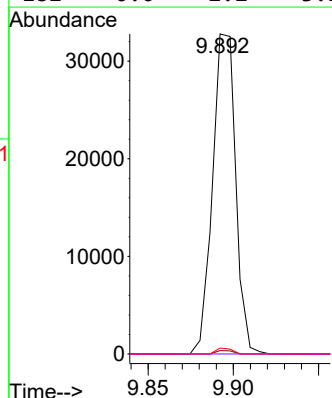
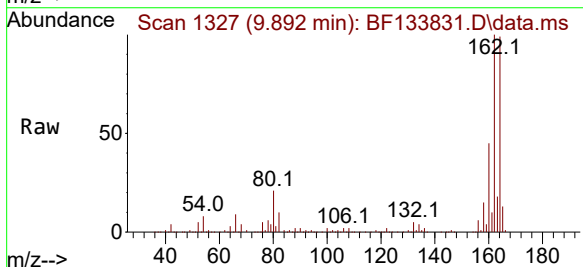
Instrument :
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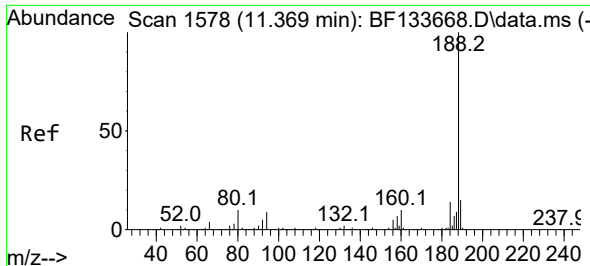
Tgt Ion:165 Resp: 30933
Ion Ratio Lower Upper
165 100
63 1.0 42.1 63.1#
89 1.8 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.579 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF133831.D
Acq: 19 Jun 2023 13:35

Tgt Ion:165 Resp: 30933
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.8 62.6 93.8#
182 0.0 2.2 3.2#

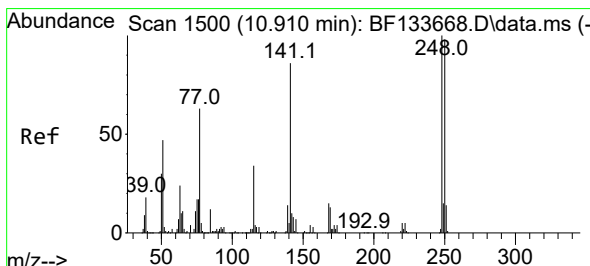
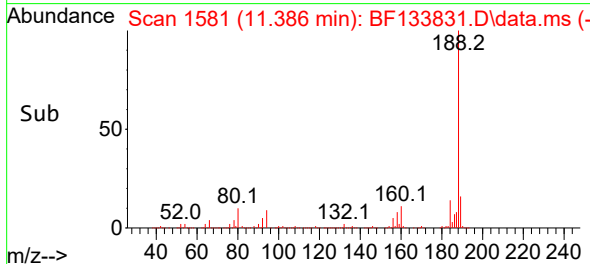
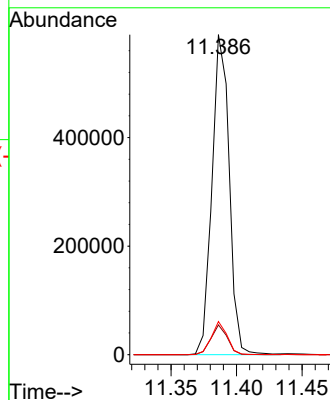
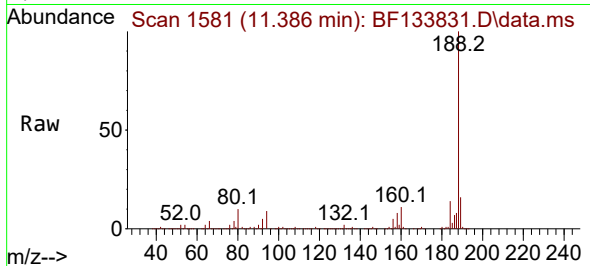




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133831.D
Acq: 19 Jun 2023 13:35

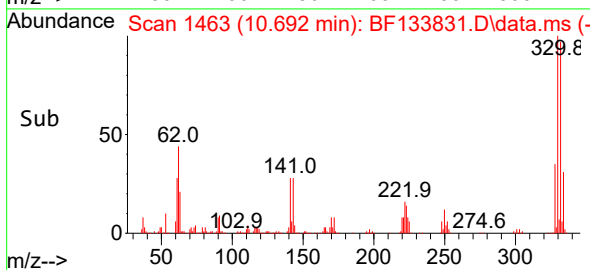
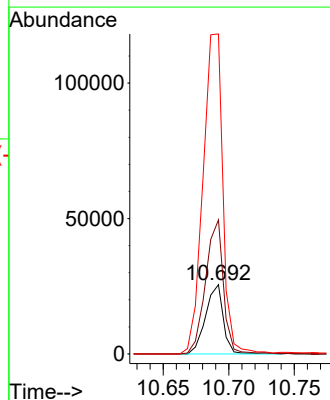
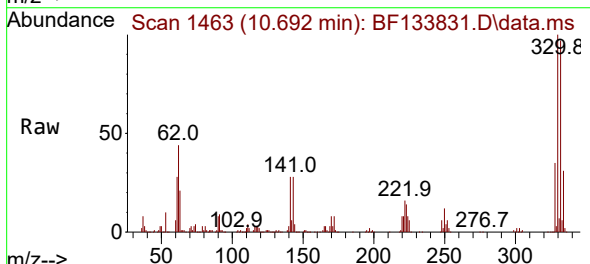
Instrument :
BNA_F
ClientSampleId :
PB153132BL

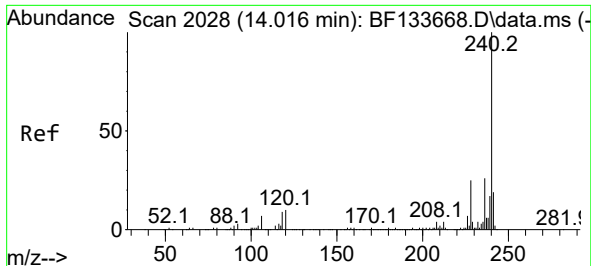
Tgt Ion:188 Resp: 539346
Ion Ratio Lower Upper
188 100
94 9.3 6.8 10.2
80 10.4 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 4.012 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF133831.D
Acq: 19 Jun 2023 13:35

Tgt Ion:248 Resp: 24152
Ion Ratio Lower Upper
248 100
250 193.3 78.3 117.5#
141 461.6 69.0 103.6#

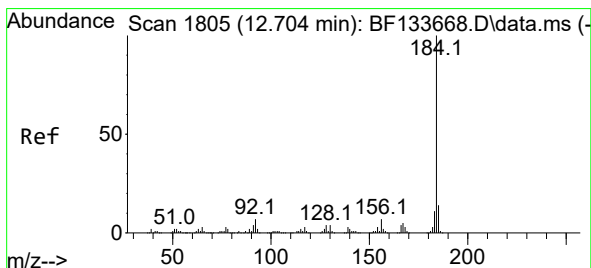
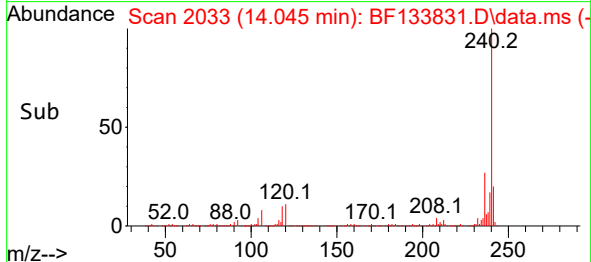
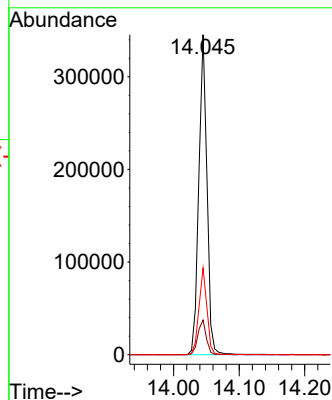
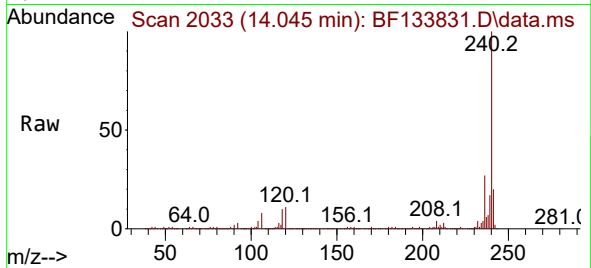




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF133831.D
Acq: 19 Jun 2023 13:35

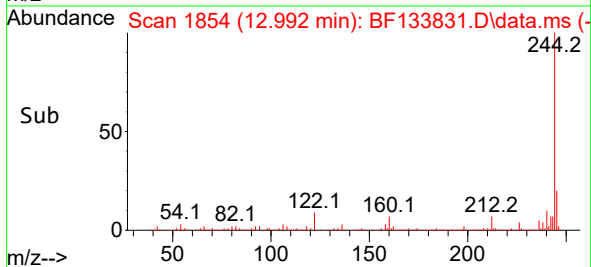
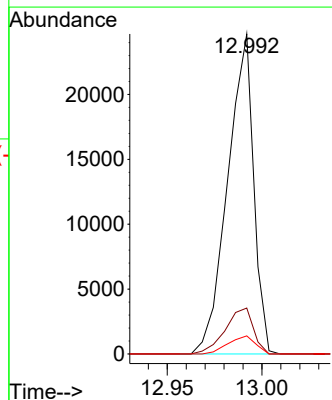
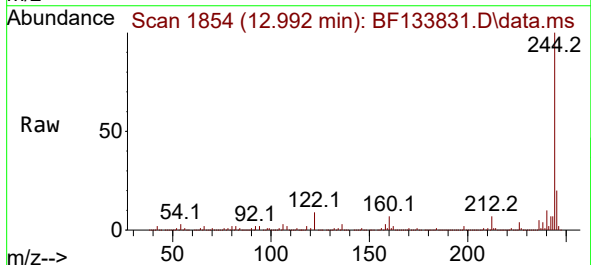
Instrument :
BNA_F
ClientSampleId :
PB153132BL

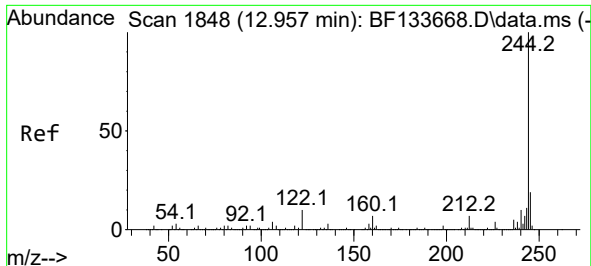
Tgt Ion:240 Resp: 299828
Ion Ratio Lower Upper
240 100
120 10.9 8.1 12.1
236 27.1 20.5 30.7



#77
Benzidine
Concen: 2.335 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF133831.D
Acq: 19 Jun 2023 13:35

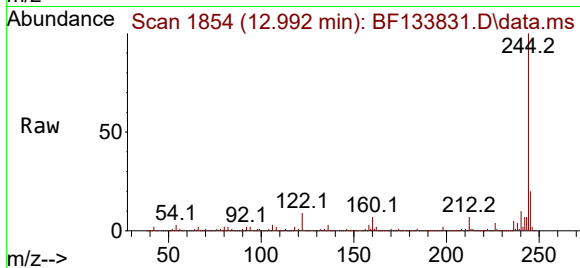
Tgt Ion:184 Resp: 23497
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 5.6 8.4 12.6#



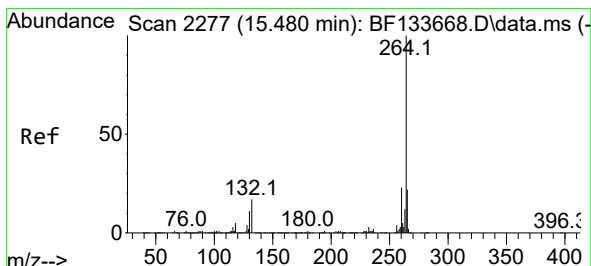
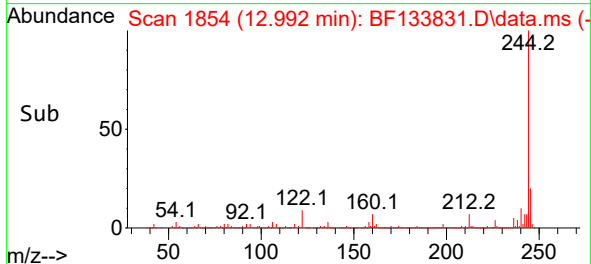
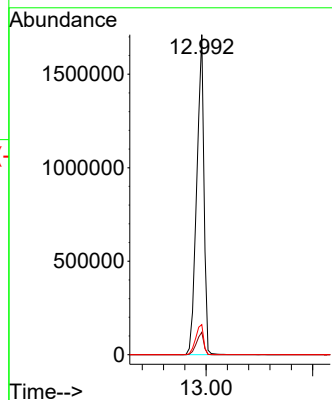


#79
 Terphenyl-d14
 Concen: 83.114 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133831.D
 Acq: 19 Jun 2023 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB153132BL



Tgt Ion:244 Resp: 1610495
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 9.4 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: BF133831.D
 Acq: 19 Jun 2023 13:35

Tgt Ion:264 Resp: 232270
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.2 27.2
 265 21.7 17.8 26.6

