

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
 Data File : BF133827.D
 Acq On : 19 Jun 2023 11:25
 Operator : CG\JU
 Sample : PB153490BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153490BL

Quant Time: Jun 20 01:29:45 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)

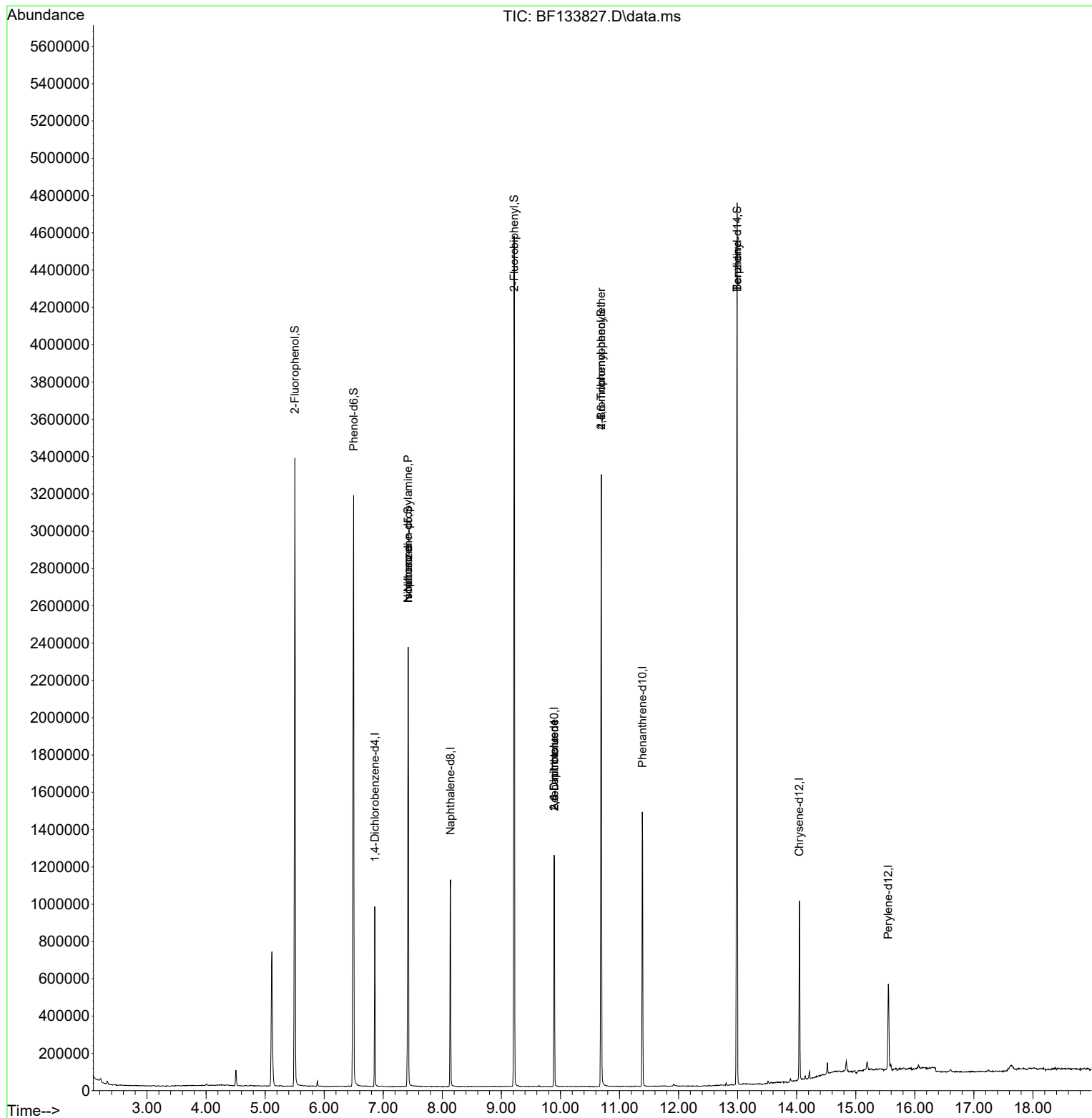
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	122519	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	492968	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	260181	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	546698	20.000	ng	0.00
76) Chrysene-d12	14.045	240	311538	20.000	ng	0.00
86) Perylene-d12	15.551	264	230253	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	927990	131.860	ng	0.01
7) Phenol-d6	6.498	99	1104057	120.521	ng	0.00
23) Nitrobenzene-d5	7.422	82	771619	85.254	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	388312	117.905	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1438656	78.602	ng	0.00
79) Terphenyl-d14	12.992	244	1702193	84.544	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	108153	18.556	ng	# 81
25) Isophorone	7.422	82	767101	46.166	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	33704	8.408	ng	# 29
57) 2,4-Dinitrotoluene	9.892	165	33704	6.611	ng	# 20
67) 4-Bromophenyl-phenylether	10.692	248	24491	4.014	ng	# 1
77) Benzidine	12.992	184	23963	2.292	ng	# 94

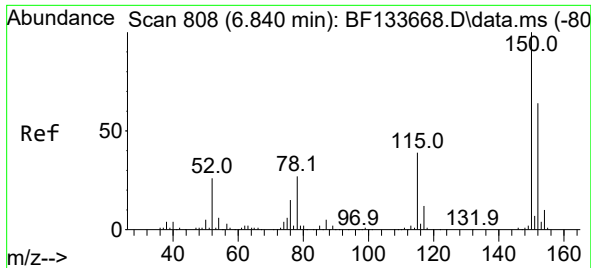
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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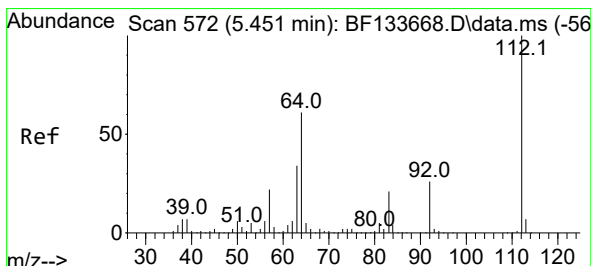
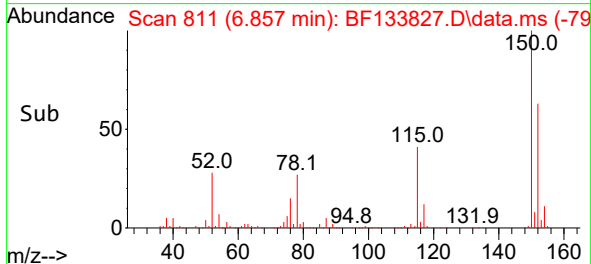
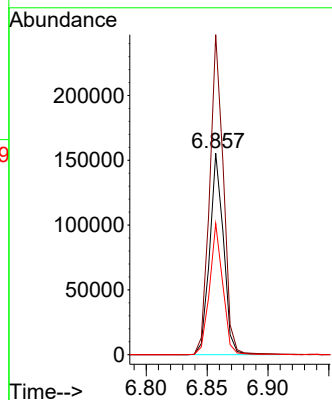
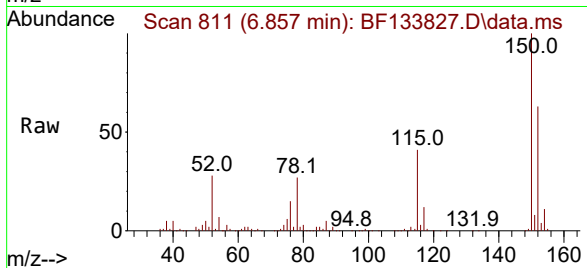




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133827.D
Acq: 19 Jun 2023 11:25

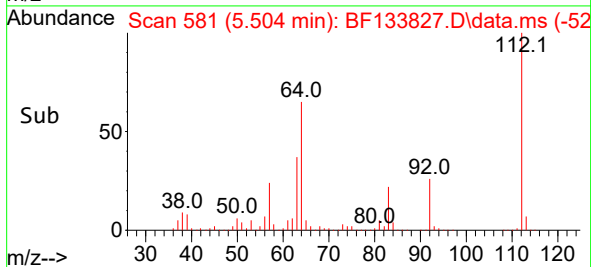
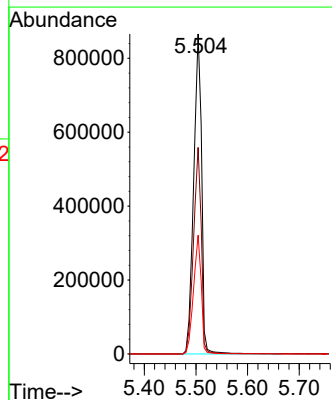
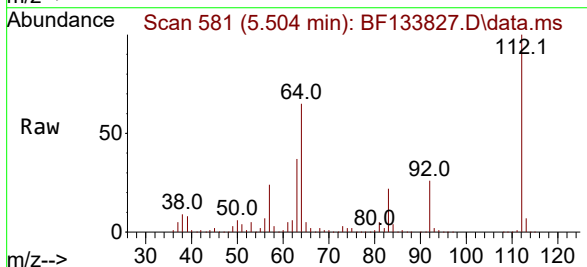
Instrument :
BNA_F
ClientSampleId :
PB153490BL

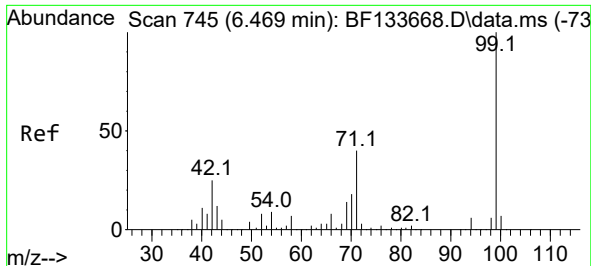
Tgt Ion:152 Resp: 122519
Ion Ratio Lower Upper
152 100
150 158.8 124.3 186.5
115 65.1 48.5 72.7



#5
2-Fluorophenol
Concen: 131.860 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF133827.D
Acq: 19 Jun 2023 11:25

Tgt Ion:112 Resp: 927990
Ion Ratio Lower Upper
112 100
64 64.6 49.0 73.4
63 37.1 26.8 40.2

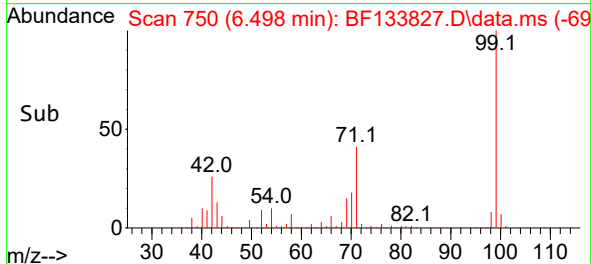
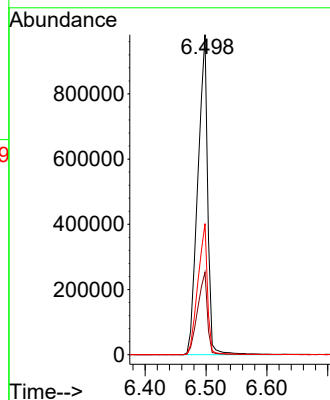
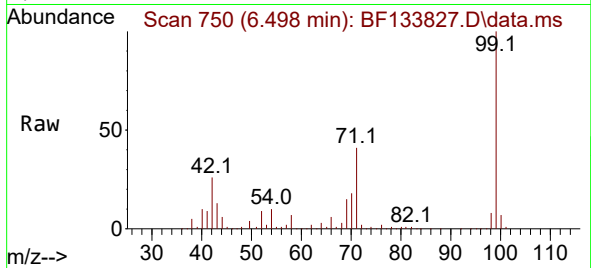




#7
Phenol-d6
Concen: 120.521 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133827.D
Acq: 19 Jun 2023 11:25

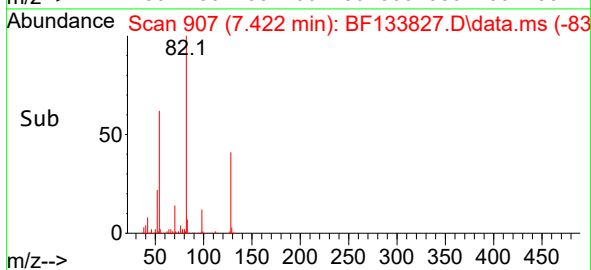
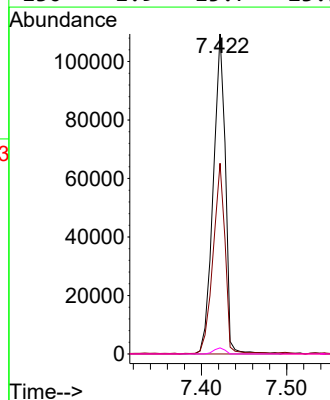
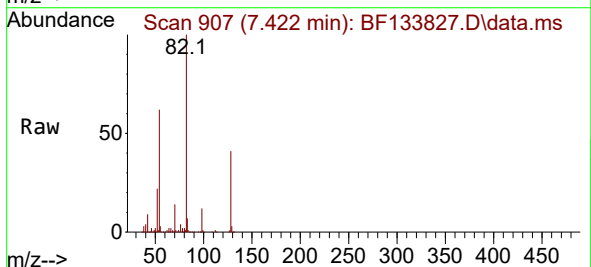
Instrument :
BNA_F
ClientSampleId :
PB153490BL

Tgt Ion: 99 Resp: 1104057
Ion Ratio Lower Upper
99 100
42 25.7 19.9 29.9
71 41.0 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.556 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133827.D
Acq: 19 Jun 2023 11:25

Tgt Ion: 70 Resp: 108153
Ion Ratio Lower Upper
70 100
42 59.6 55.8 83.8
101 0.0 8.1 12.1#
130 1.9 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133827.D

Acq: 19 Jun 2023 11:25

Instrument :

BNA_F

ClientSampleId :

PB153490BL

Tgt Ion:136 Resp: 492968

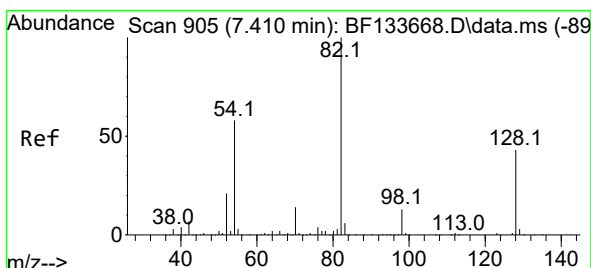
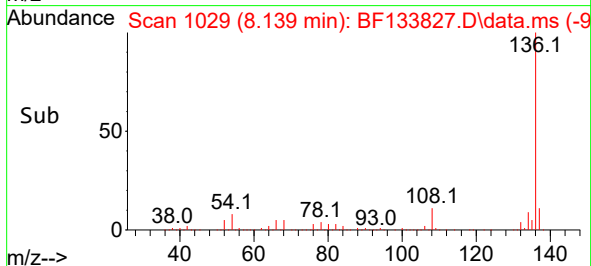
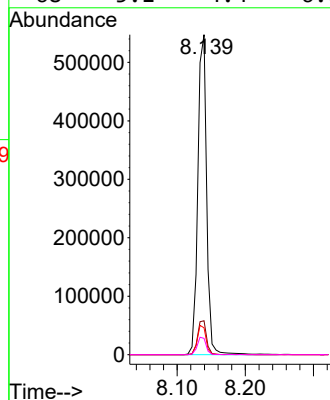
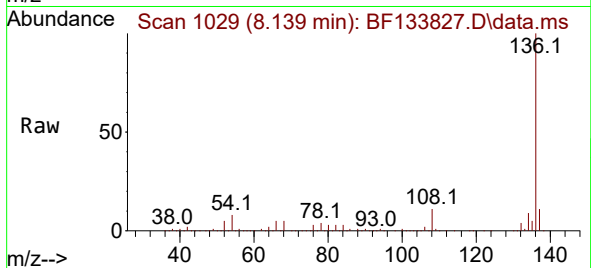
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.4 7.4 11.0

68 5.1 4.4 6.6



#23

Nitrobenzene-d5

Concen: 85.254 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF133827.D

Acq: 19 Jun 2023 11:25

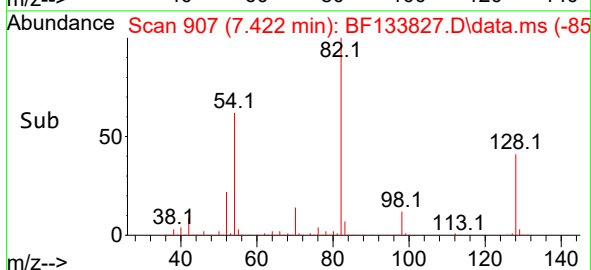
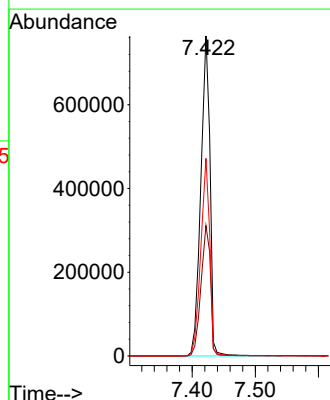
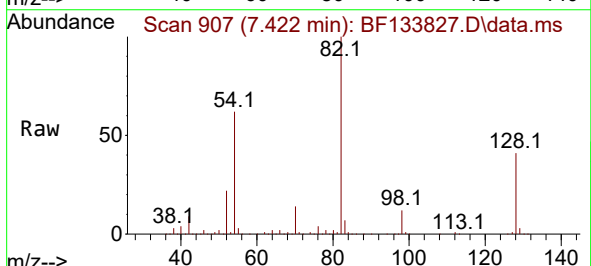
Tgt Ion: 82 Resp: 771619

Ion Ratio Lower Upper

82 100

128 40.8 34.2 51.2

54 61.8 46.5 69.7

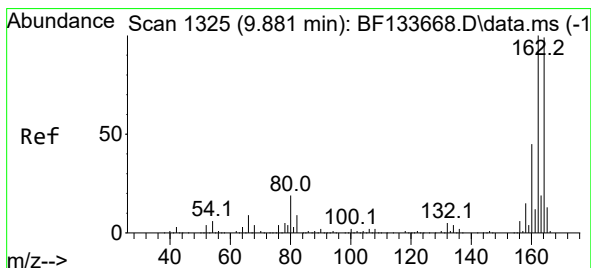
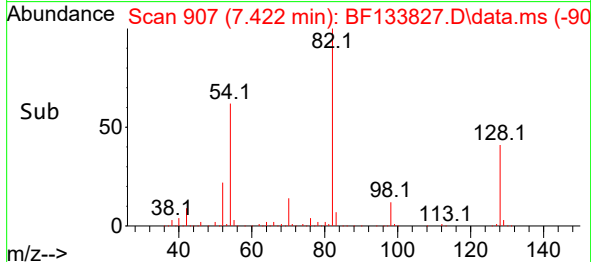
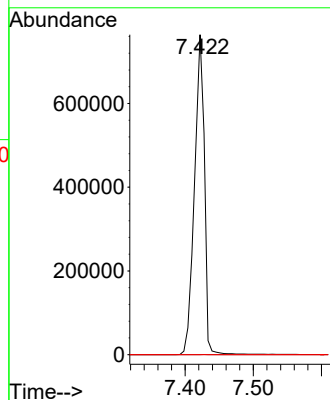
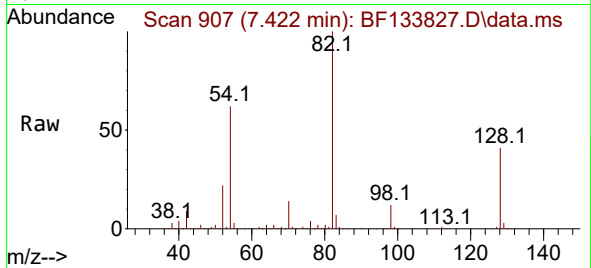




#25
Isophorone
Concen: 46.166 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133827.D
Acq: 19 Jun 2023 11:25

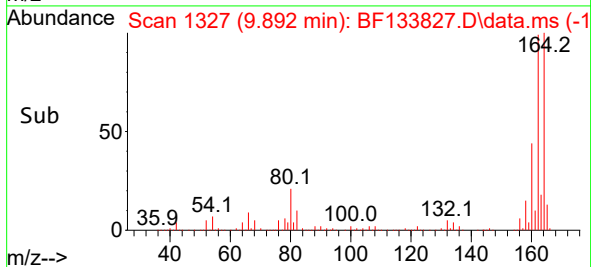
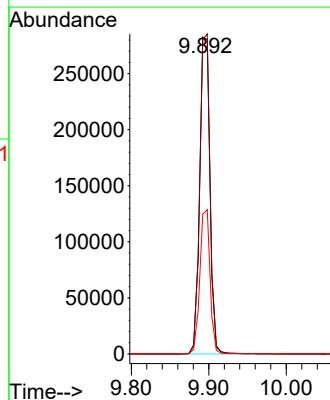
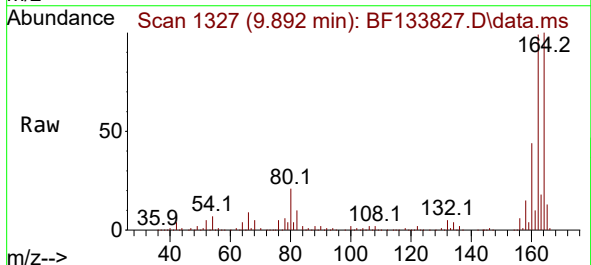
Instrument :
BNA_F
ClientSampleId :
PB153490BL

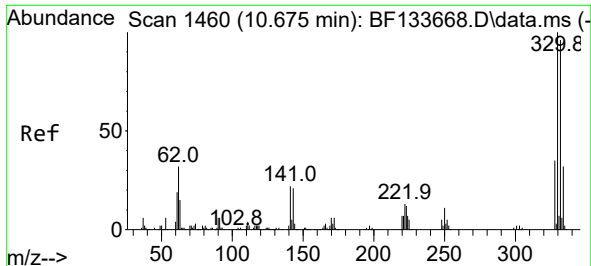
Tgt Ion: 82 Resp: 767101
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF133827.D
Acq: 19 Jun 2023 11:25

Tgt Ion: 164 Resp: 260181
Ion Ratio Lower Upper
164 100
162 99.1 80.8 121.2
160 44.1 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 117.905 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF133827.D

Acq: 19 Jun 2023 11:25

Instrument :

BNA_F

ClientSampleId :

PB153490BL

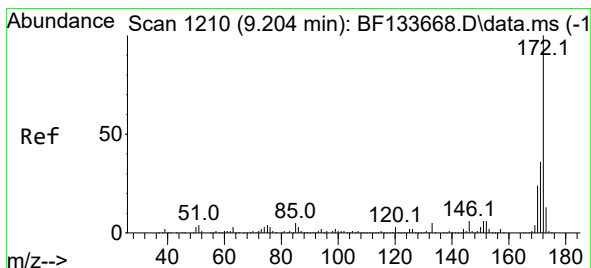
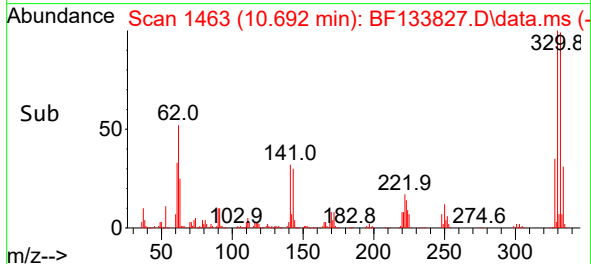
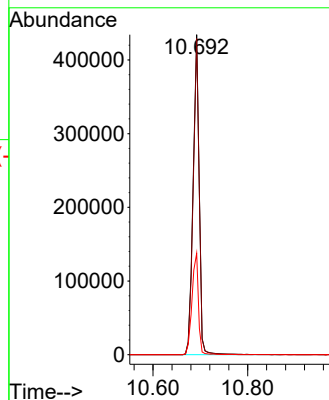
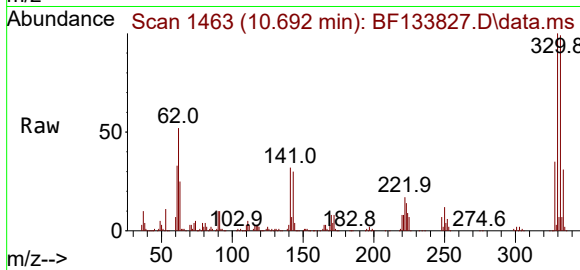
Tgt Ion:330 Resp: 388312

Ion Ratio Lower Upper

330 100

332 97.1 77.2 115.8

141 33.4 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 78.602 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133827.D

Acq: 19 Jun 2023 11:25

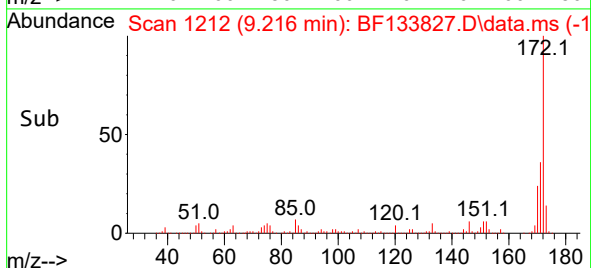
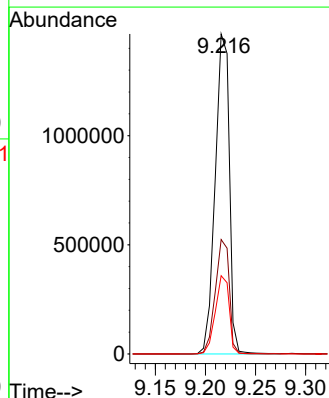
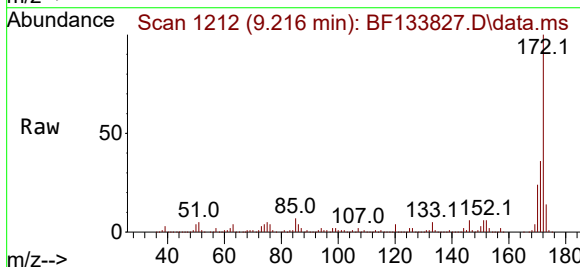
Tgt Ion:172 Resp: 1438656

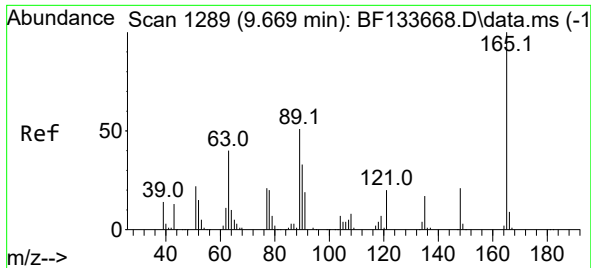
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.4 19.1 28.7

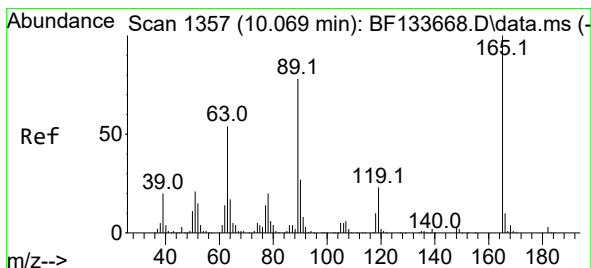
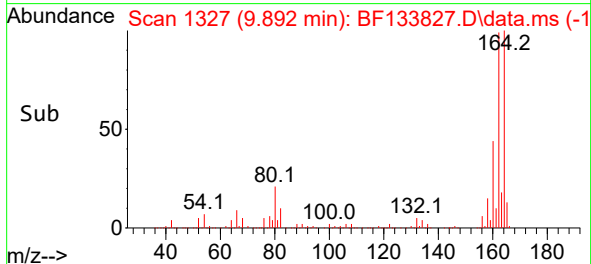
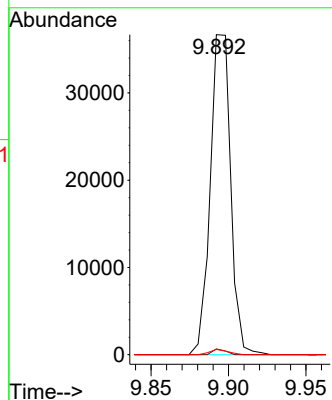
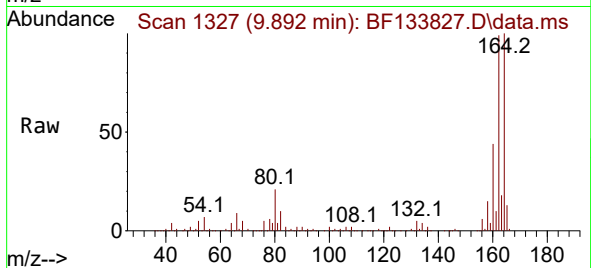




#51
2,6-Dinitrotoluene
Concen: 8.408 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133827.D
Acq: 19 Jun 2023 11:25

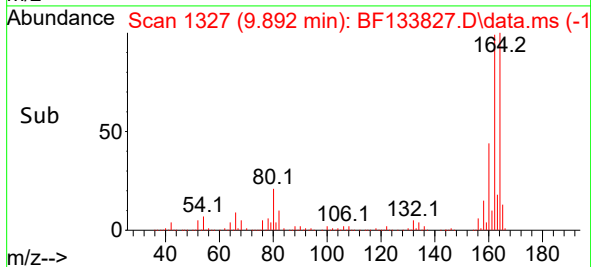
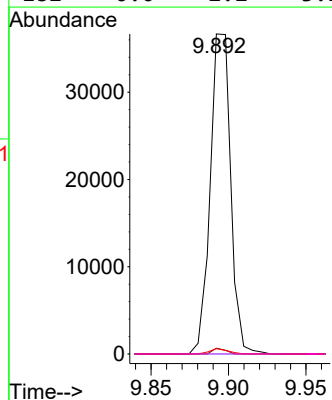
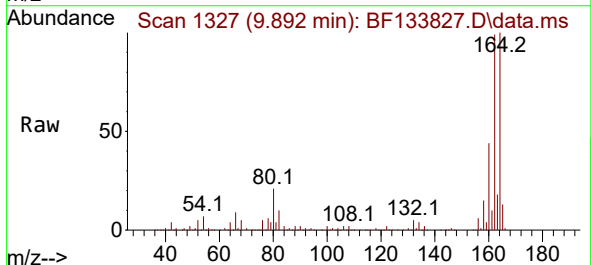
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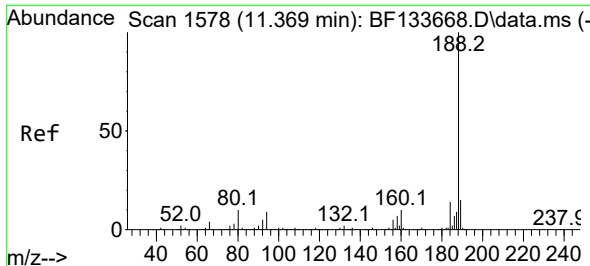
Tgt Ion:165 Resp: 33704
Ion Ratio Lower Upper
165 100
63 1.8 42.1 63.1#
89 1.6 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.611 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF133827.D
Acq: 19 Jun 2023 11:25

Tgt Ion:165 Resp: 33704
Ion Ratio Lower Upper
165 100
63 1.8 43.0 64.6#
89 1.6 62.6 93.8#
182 0.0 2.2 3.2#

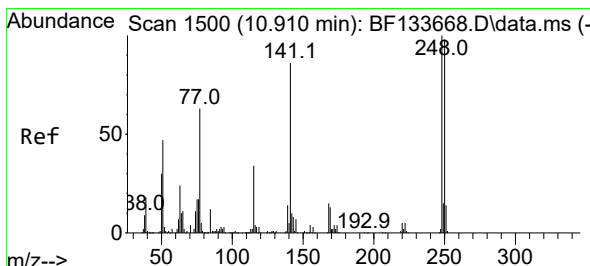
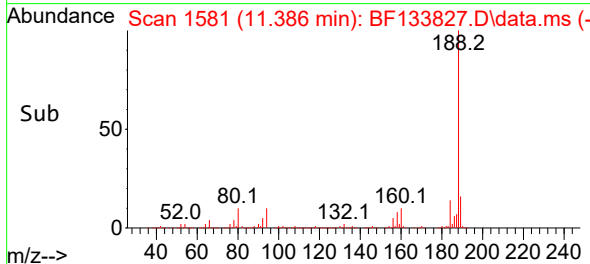
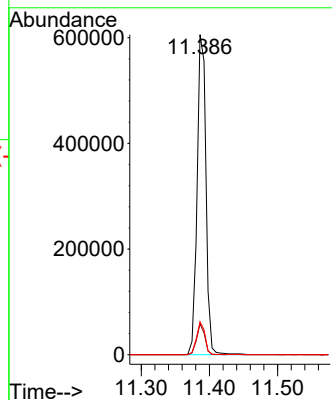
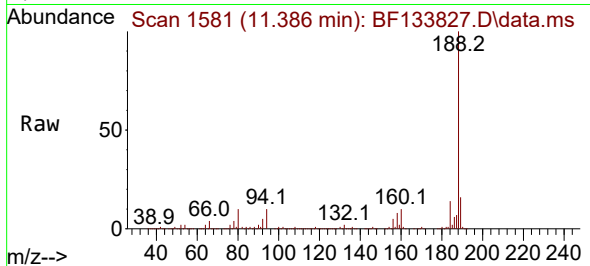




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133827.D
Acq: 19 Jun 2023 11:25

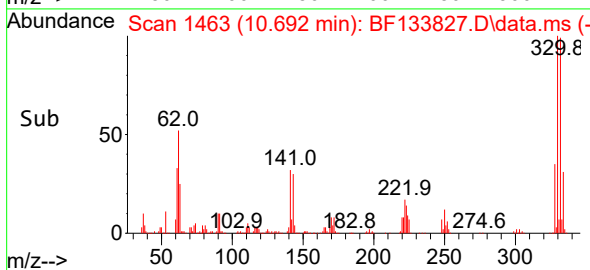
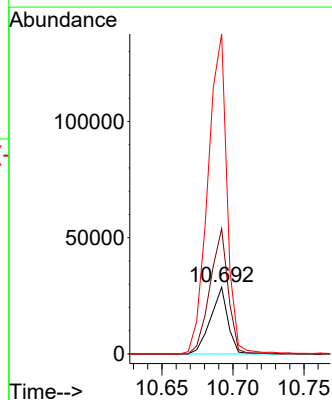
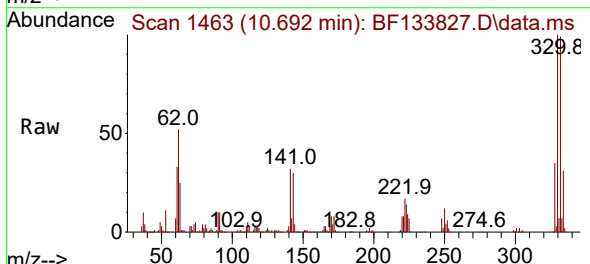
Instrument :
BNA_F
ClientSampleId :
PB153490BL

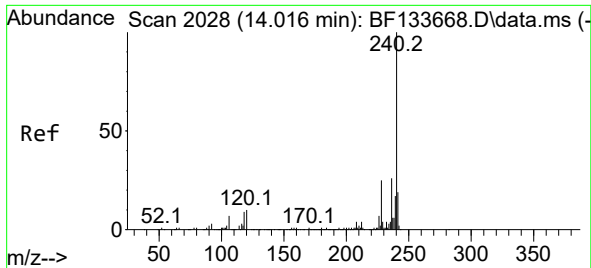
Tgt Ion:188 Resp: 546698
Ion Ratio Lower Upper
188 100
94 9.7 6.8 10.2
80 10.3 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 4.014 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF133827.D
Acq: 19 Jun 2023 11:25

Tgt Ion:248 Resp: 24491
Ion Ratio Lower Upper
248 100
250 187.6 78.3 117.5#
141 479.4 69.0 103.6#

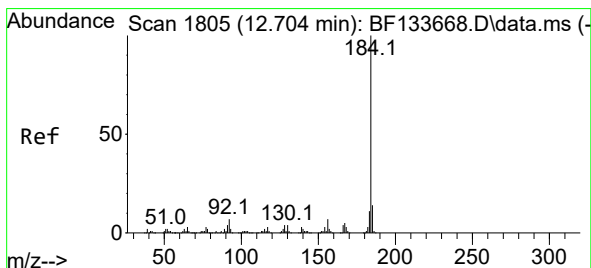
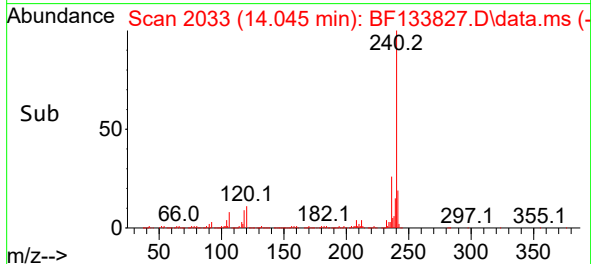
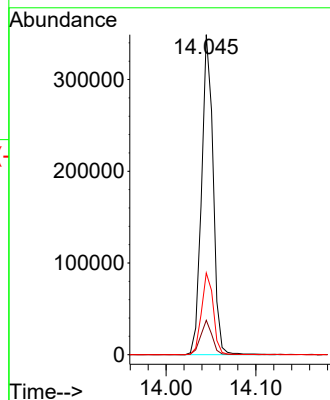
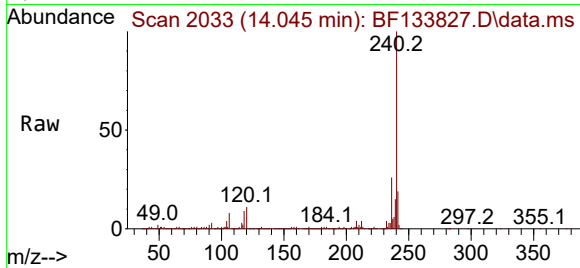




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF133827.D
Acq: 19 Jun 2023 11:25

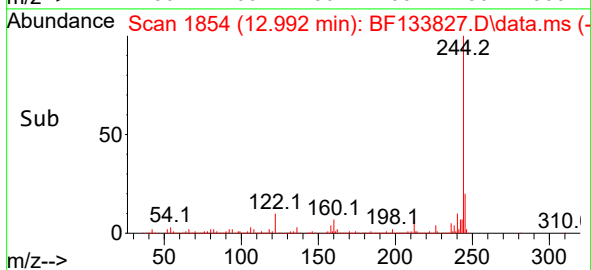
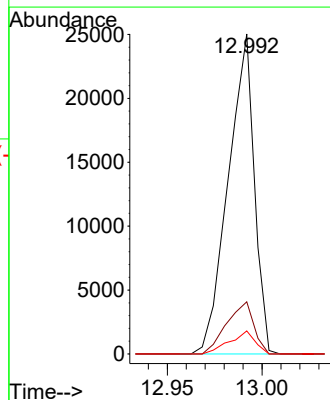
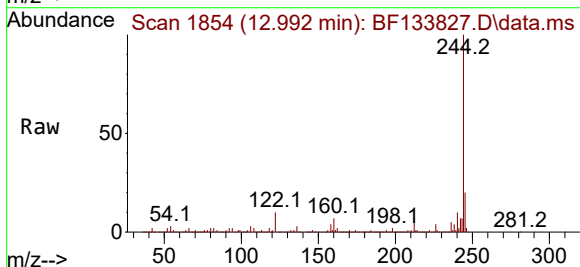
Instrument :
BNA_F
ClientSampleId :
PB153490BL

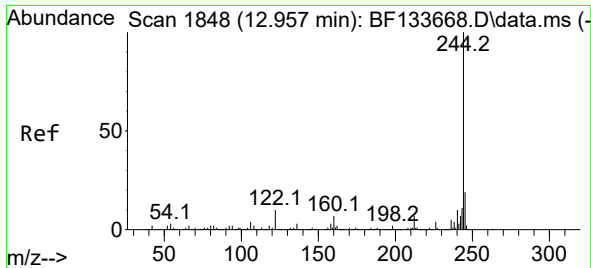
Tgt Ion:240 Resp: 311538
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 25.6 20.5 30.7



#77
Benzidine
Concen: 2.292 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF133827.D
Acq: 19 Jun 2023 11:25

Tgt Ion:184 Resp: 23963
Ion Ratio Lower Upper
184 100
185 16.3 11.6 17.4
183 7.2 8.4 12.6#

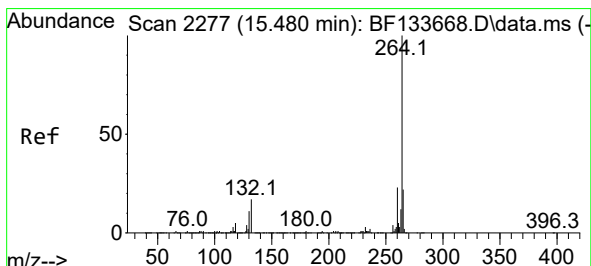
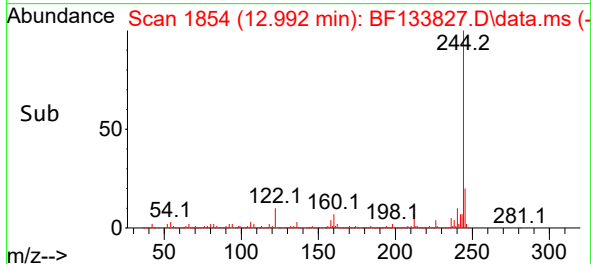
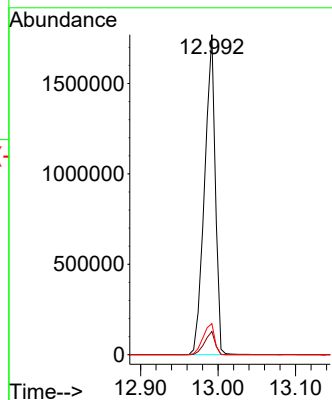
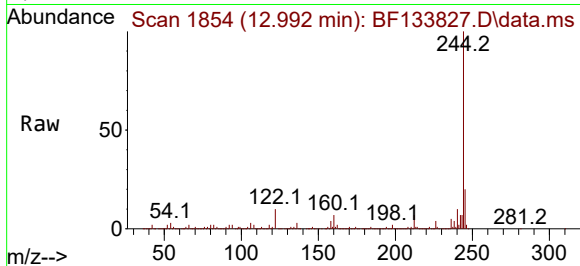




#79
 Terphenyl-d14
 Concen: 84.544 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133827.D
 Acq: 19 Jun 2023 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB153490BL

Tgt Ion:244 Resp: 1702193
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 9.7 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: BF133827.D
 Acq: 19 Jun 2023 11:25

Tgt Ion:264 Resp: 230253
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.2 27.2
 265 20.6 17.8 26.6

