

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
 Data File : BF133310.D
 Acq On : 09 May 2023 10:46
 Operator : CG\JU
 Sample : PB152628BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152628BL

Quant Time: May 10 01:44:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

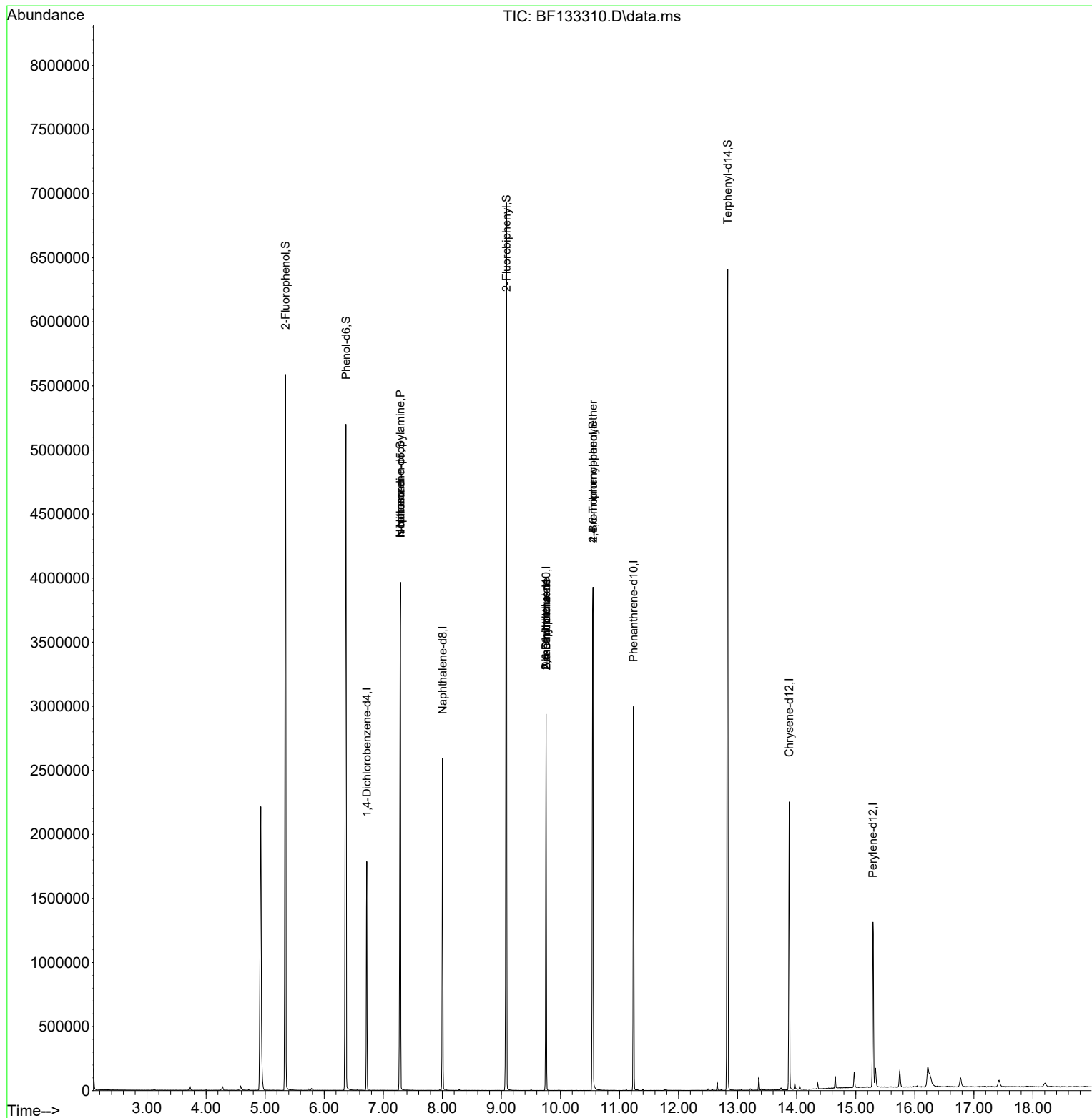
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	242848	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1011619	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	548274	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	994271	20.000	ng	0.00
76) Chrysene-d12	13.874	240	678828	20.000	ng	0.00
86) Perylene-d12	15.292	264	567141	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1872348	116.467	ng	0.02
7) Phenol-d6	6.369	99	2277852	114.156	ng	0.00
23) Nitrobenzene-d5	7.292	82	1413066	75.397	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	569304	103.248	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2265471	69.128	ng	0.00
79) Terphenyl-d14	12.833	244	2659799	67.576	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	3320	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.292	70	188136	15.145	ng	# 75
25) Isophorone	7.292	82	1407335	39.550	ng	# 63
50) Dimethylphthalate	9.757	163	110301	2.885	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	71696	8.332	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	71696	6.534	ng	# 23
67) 4-Bromophenyl-phenylether	10.551	248	35373	3.280	ng	# 1

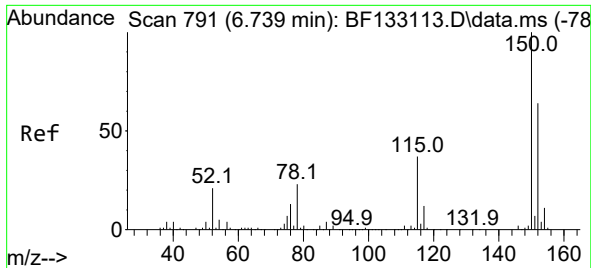
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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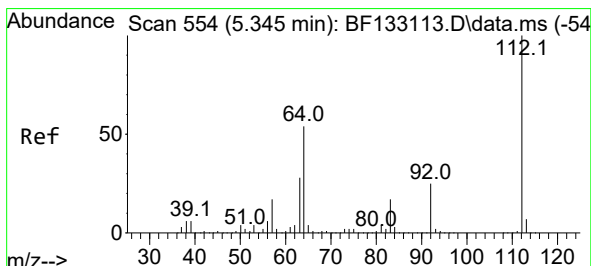
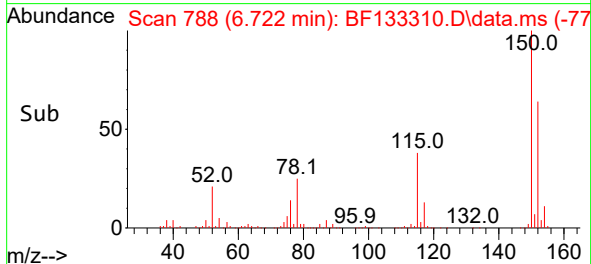
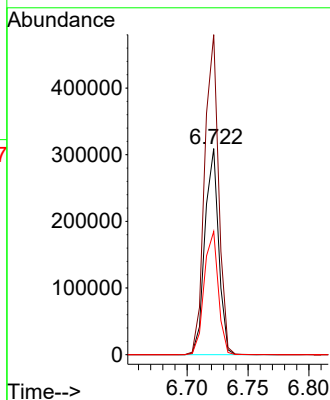
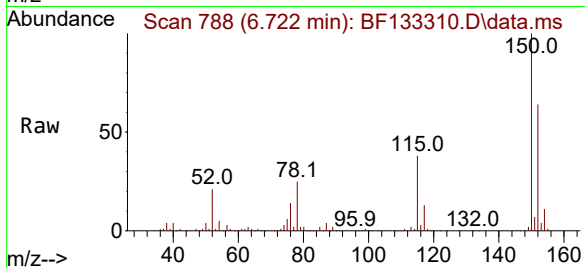




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133310.D
Acq: 09 May 2023 10:46

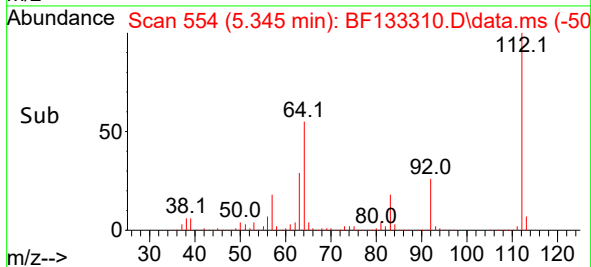
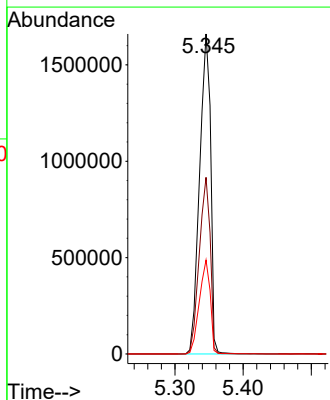
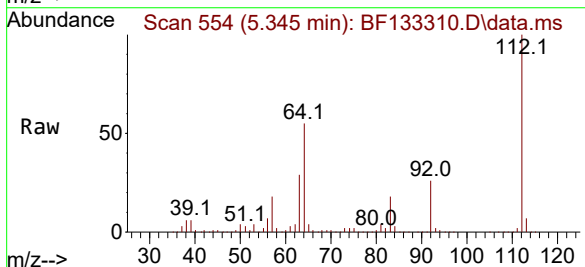
Instrument :
BNA_F
ClientSampleId :
PB152628BL

Tgt Ion:152 Resp: 242848
Ion Ratio Lower Upper
152 100
150 155.3 124.8 187.2
115 59.8 49.9 74.9



#5
2-Fluorophenol
Concen: 116.467 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.018 min
Lab File: BF133310.D
Acq: 09 May 2023 10:46

Tgt Ion:112 Resp: 1872348
Ion Ratio Lower Upper
112 100
64 55.2 46.8 70.2
63 29.3 23.8 35.8

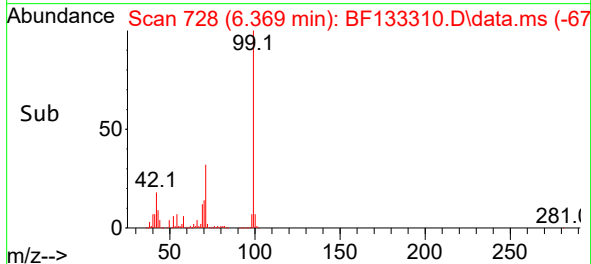
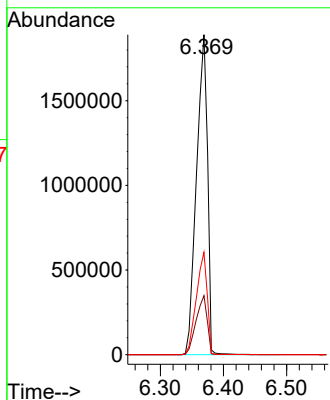
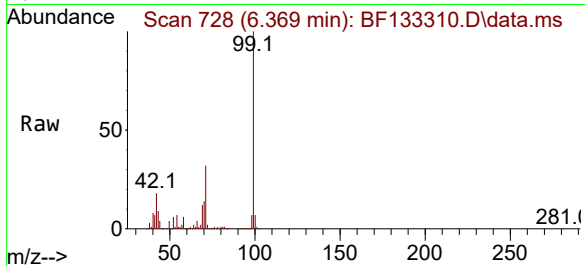




#7
Phenol-d6
Concen: 114.156 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133310.D
Acq: 09 May 2023 10:46

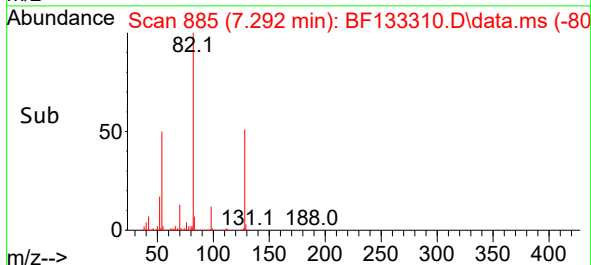
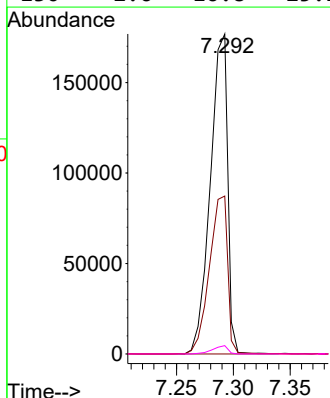
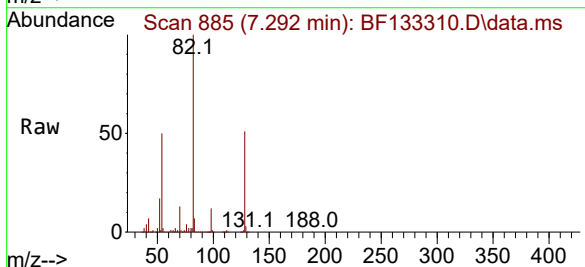
Instrument :
BNA_F
ClientSampleId :
PB152628BL

Tgt Ion: 99 Resp: 2277852
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 32.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.145 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF133310.D
Acq: 09 May 2023 10:46

Tgt Ion: 70 Resp: 188136
Ion Ratio Lower Upper
70 100
42 49.3 51.8 77.6#
101 0.0 8.0 12.0#
130 2.6 16.8 25.2#

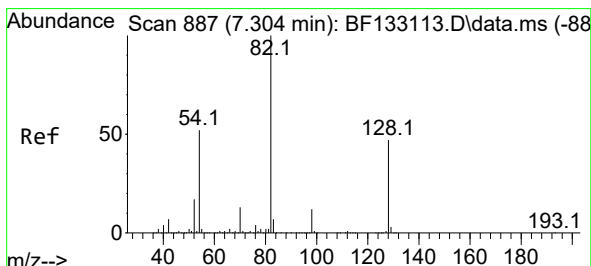
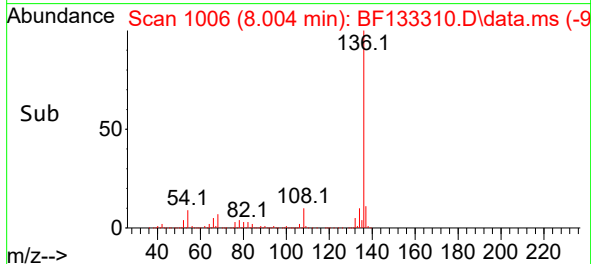
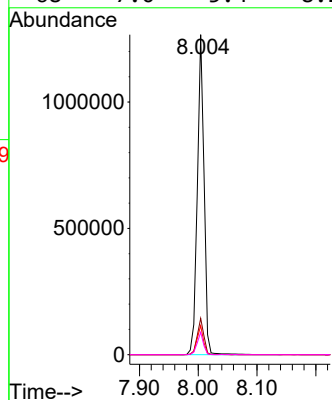
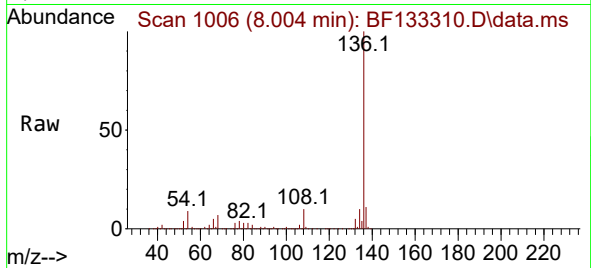




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133310.D
Acq: 09 May 2023 10:46

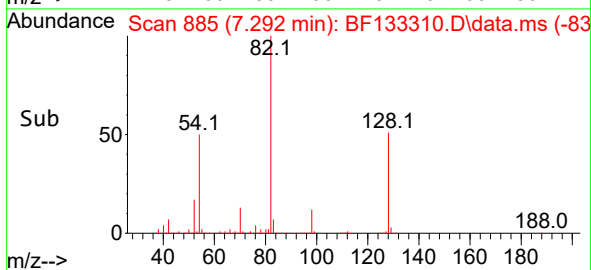
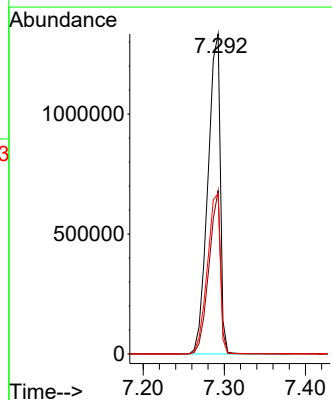
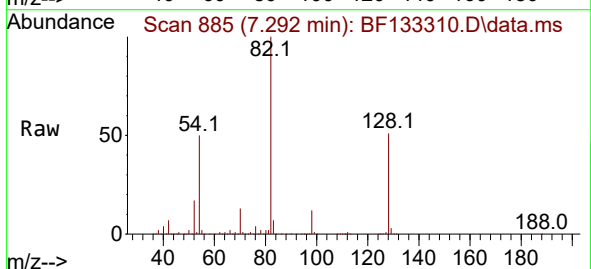
Instrument :
BNA_F
ClientSampleId :
PB152628BL

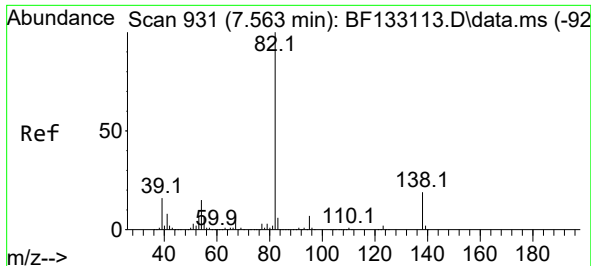
Tgt Ion:136 Resp: 1011619
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.0 7.0 10.4
68 7.0 5.4 8.2



#23
Nitrobenzene-d5
Concen: 75.397 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF133310.D
Acq: 09 May 2023 10:46

Tgt Ion: 82 Resp: 1413066
Ion Ratio Lower Upper
82 100
128 51.1 37.7 56.5
54 50.1 43.0 64.4

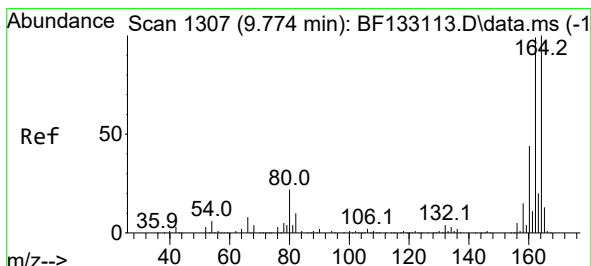
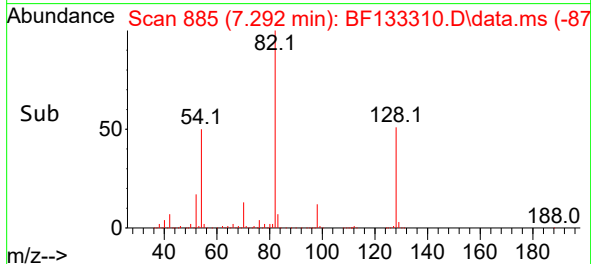
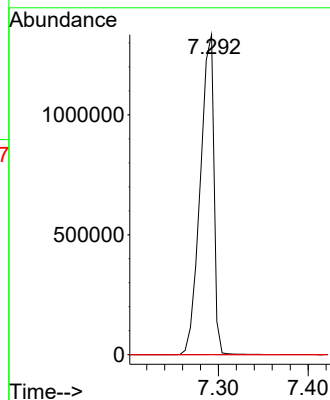
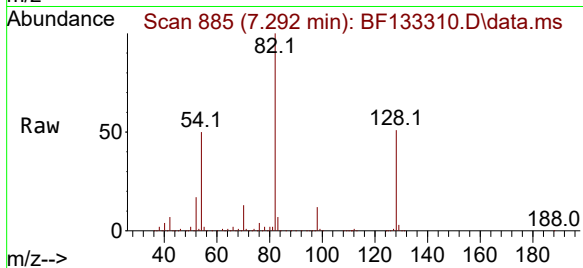




#25
Isophorone
Concen: 39.550 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133310.D
Acq: 09 May 2023 10:46

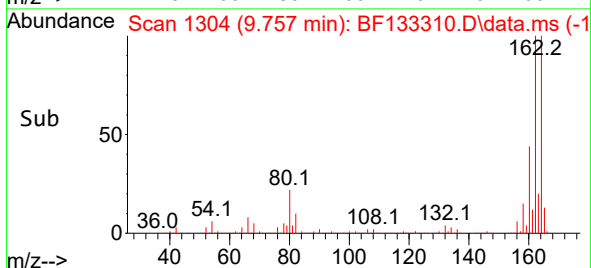
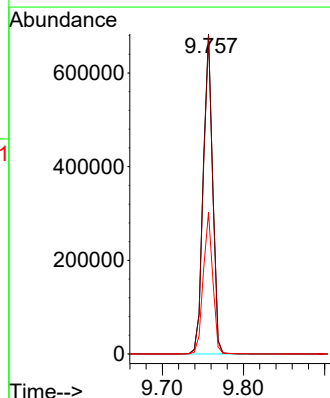
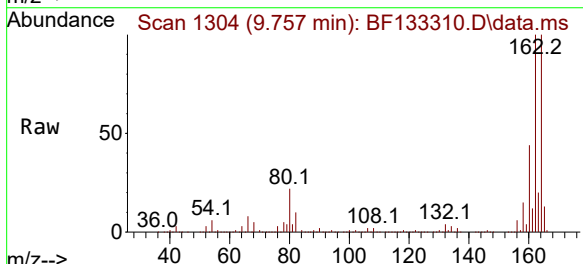
Instrument :
BNA_F
ClientSampleId :
PB152628BL

Tgt Ion: 82 Resp: 1407335
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133310.D
Acq: 09 May 2023 10:46

Tgt Ion: 164 Resp: 548274
Ion Ratio Lower Upper
164 100
162 99.6 78.7 118.1
160 44.3 35.8 53.6

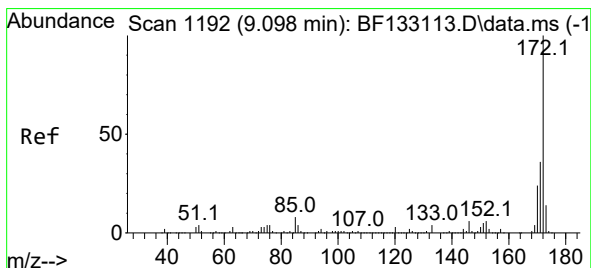
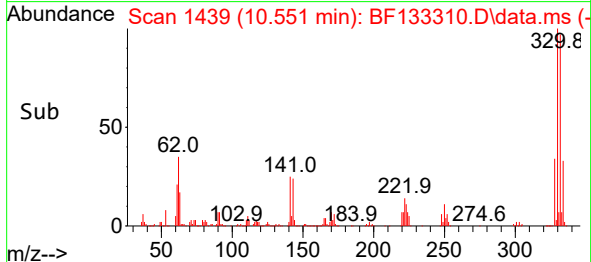
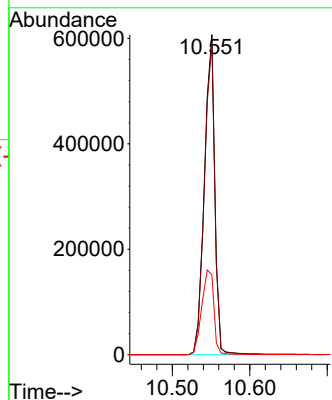
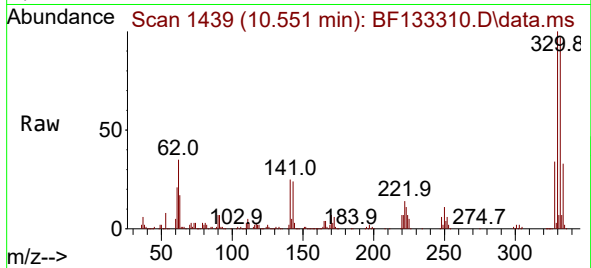




#42
2,4,6-Tribromophenol
Concen: 103.248 ng
RT: 10.551 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133310.D
Acq: 09 May 2023 10:46

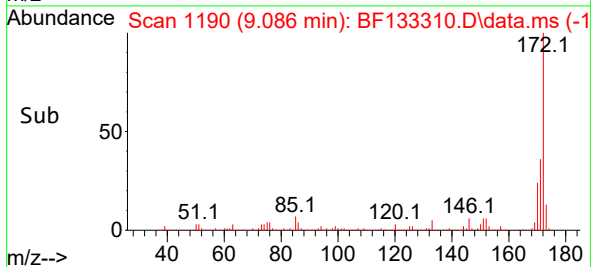
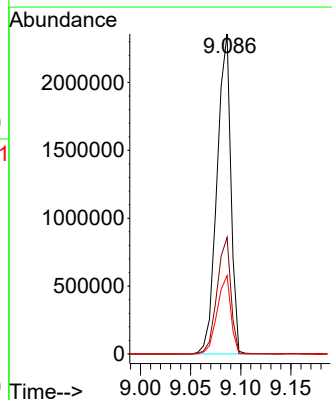
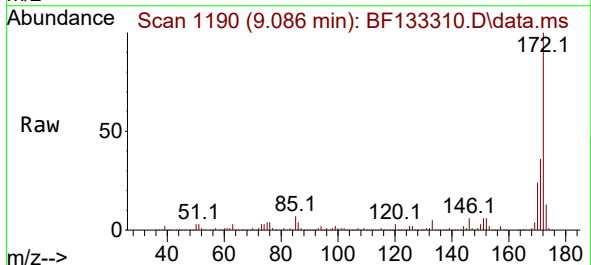
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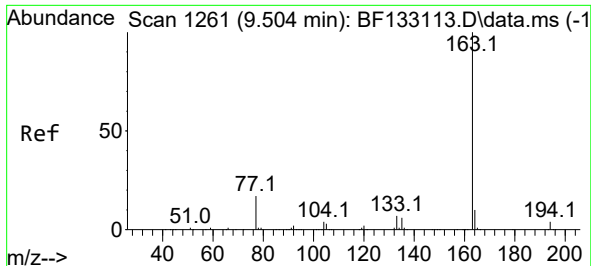
Tgt Ion:330 Resp: 569304
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 30.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 69.128 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF133310.D
Acq: 09 May 2023 10:46

Tgt Ion:172 Resp: 2265471
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.5 19.4 29.2

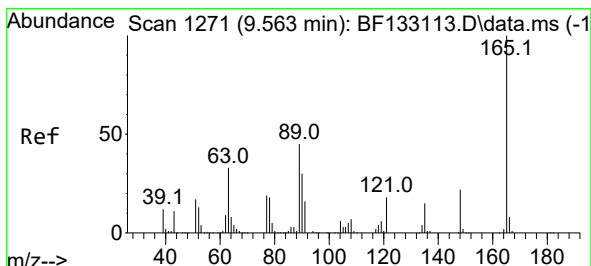
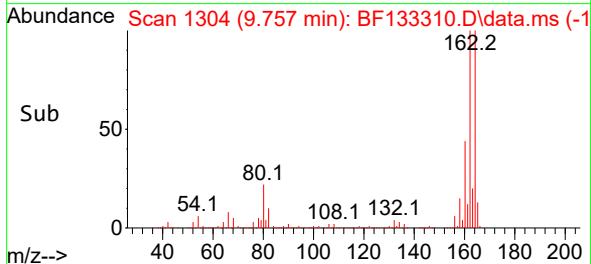
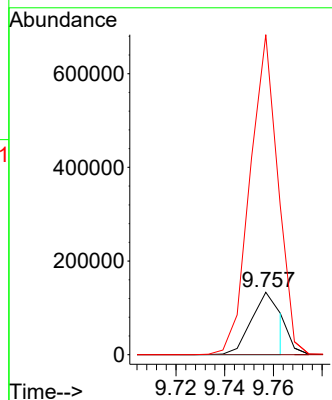
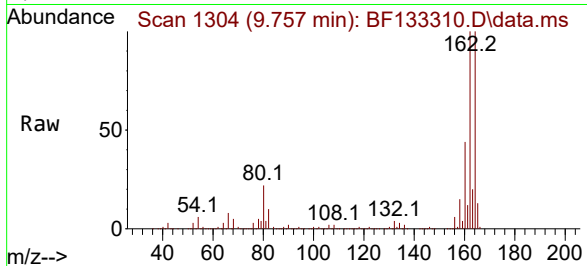




#50
Dimethylphthalate
Concen: 2.885 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133310.D
Acq: 09 May 2023 10:46

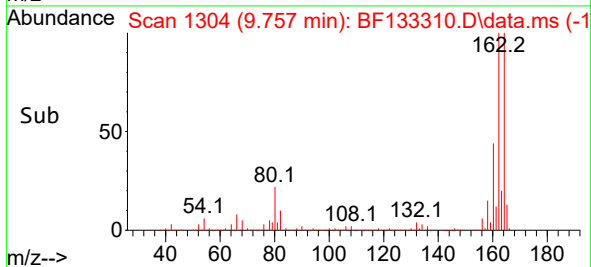
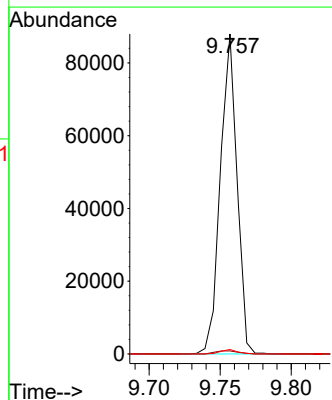
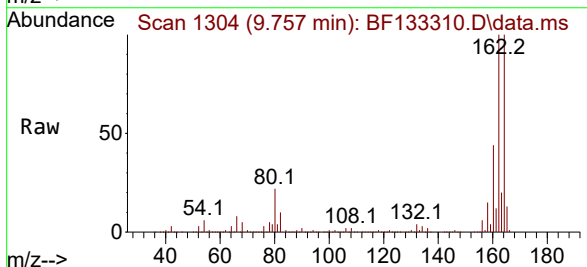
Instrument :
BNA_F
ClientSampleId :
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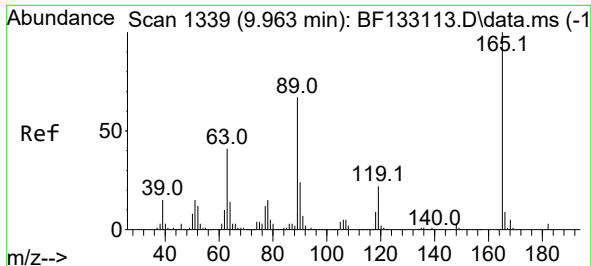
Tgt Ion:163 Resp: 110301
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 512.6 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.332 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133310.D
Acq: 09 May 2023 10:46

Tgt Ion:165 Resp: 71696
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 1.4 44.0 66.0#

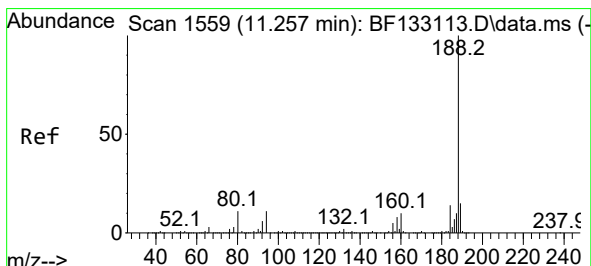
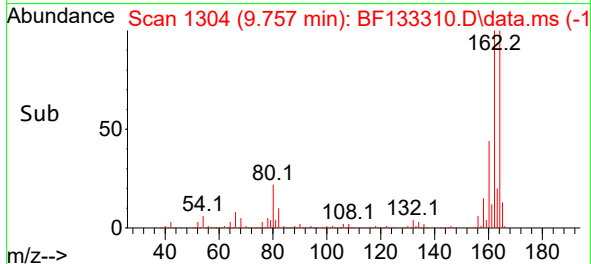
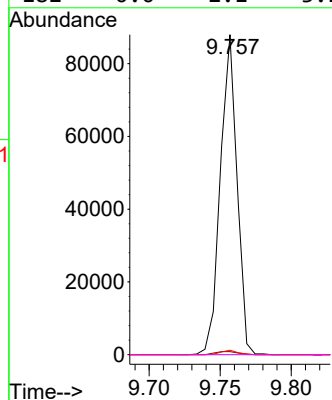
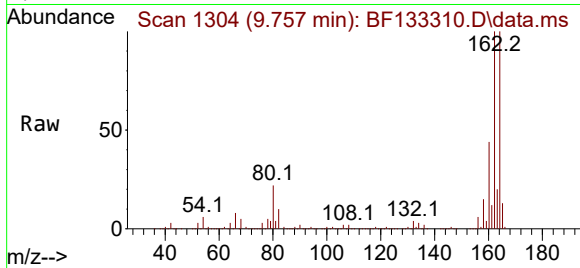




#57
2,4-Dinitrotoluene
Concen: 6.534 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133310.D
Acq: 09 May 2023 10:46

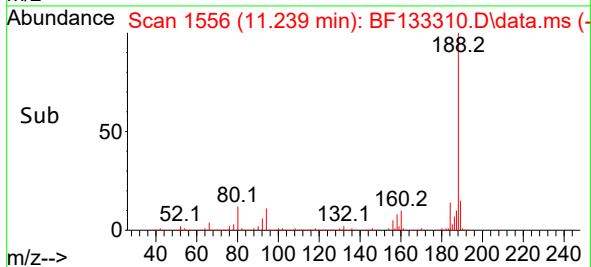
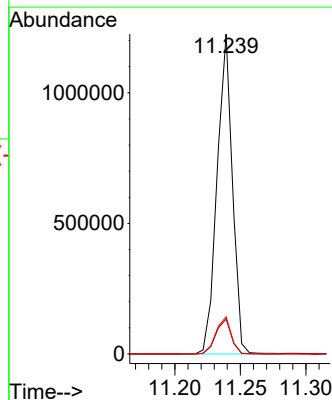
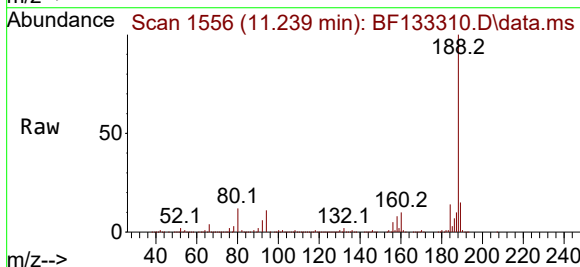
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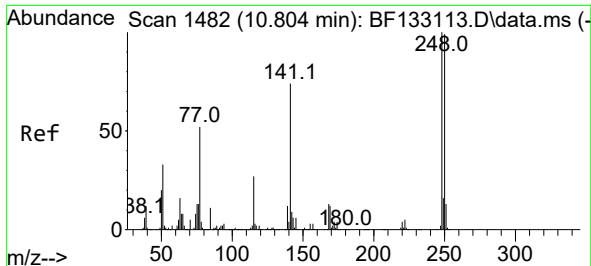
Tgt Ion:165 Resp: 71696
Ion Ratio Lower Upper
165 100
63 1.0 37.7 56.5#
89 1.4 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133310.D
Acq: 09 May 2023 10:46

Tgt Ion:188 Resp: 994271
Ion Ratio Lower Upper
188 100
94 10.9 9.7 14.5
80 11.6 10.4 15.6

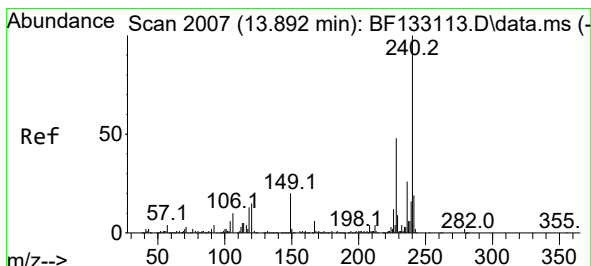
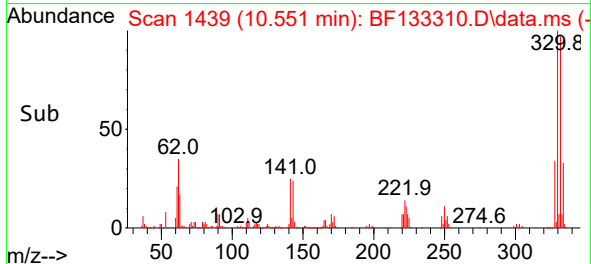
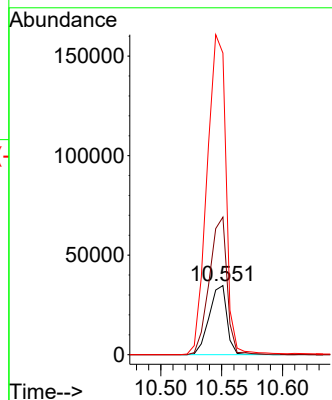
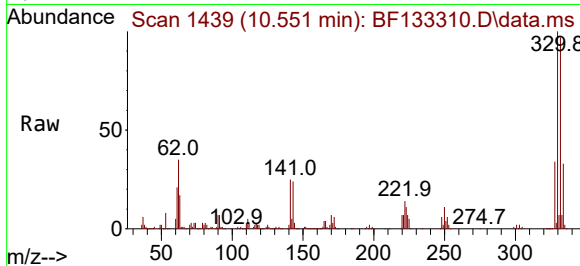




#67
4-Bromophenyl-phenylether
Concen: 3.280 ng
RT: 10.551 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF133310.D
Acq: 09 May 2023 10:46

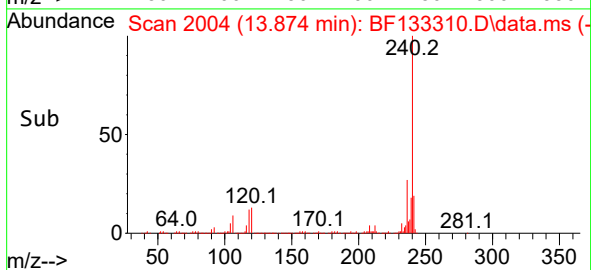
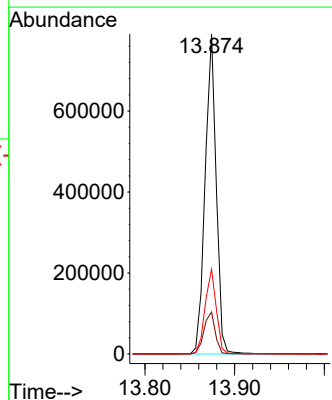
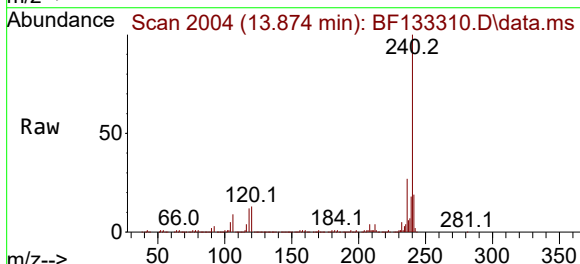
Instrument :
BNA_F
ClientSampleId :
PB152628BL

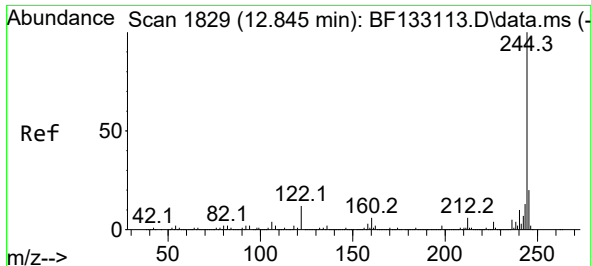
Tgt Ion:248 Resp: 35373
Ion Ratio Lower Upper
248 100
250 199.2 78.7 118.1#
141 436.8 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133310.D
Acq: 09 May 2023 10:46

Tgt Ion:240 Resp: 678828
Ion Ratio Lower Upper
240 100
120 13.1 10.5 15.7
236 26.5 21.5 32.3

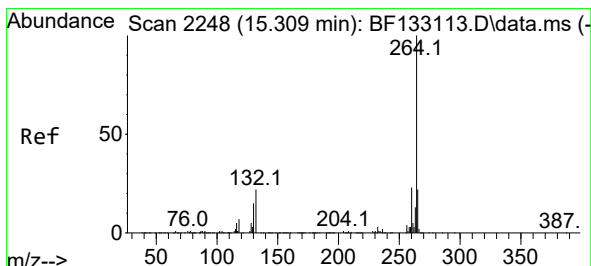
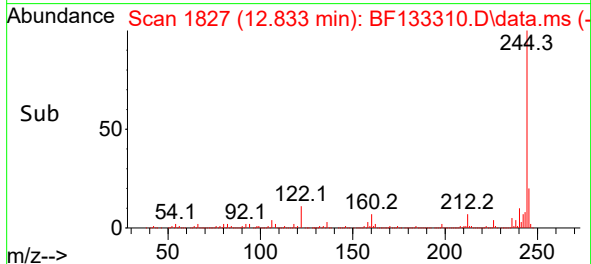
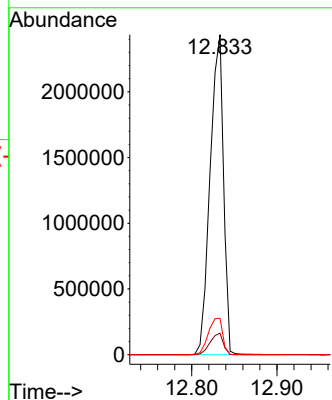
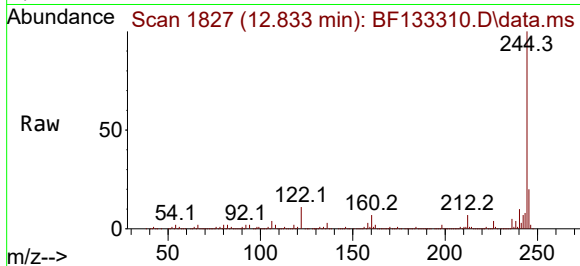




#79
 Terphenyl-d14
 Concen: 67.576 ng
 RT: 12.833 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133310.D
 Acq: 09 May 2023 10:46

Instrument :
 BNA_F
 ClientSampleId :
 PB152628BL

Tgt Ion:244 Resp: 2659799
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 11.3 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. 0.000 min
 Lab File: BF133310.D
 Acq: 09 May 2023 10:46

Tgt Ion:264 Resp: 567141
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.7 17.0 25.4

