

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133159.D
 Acq On : 01 May 2023 17:02
 Operator : CG\JU
 Sample : 02558-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013-1218-01

Quant Time: May 02 05:20:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

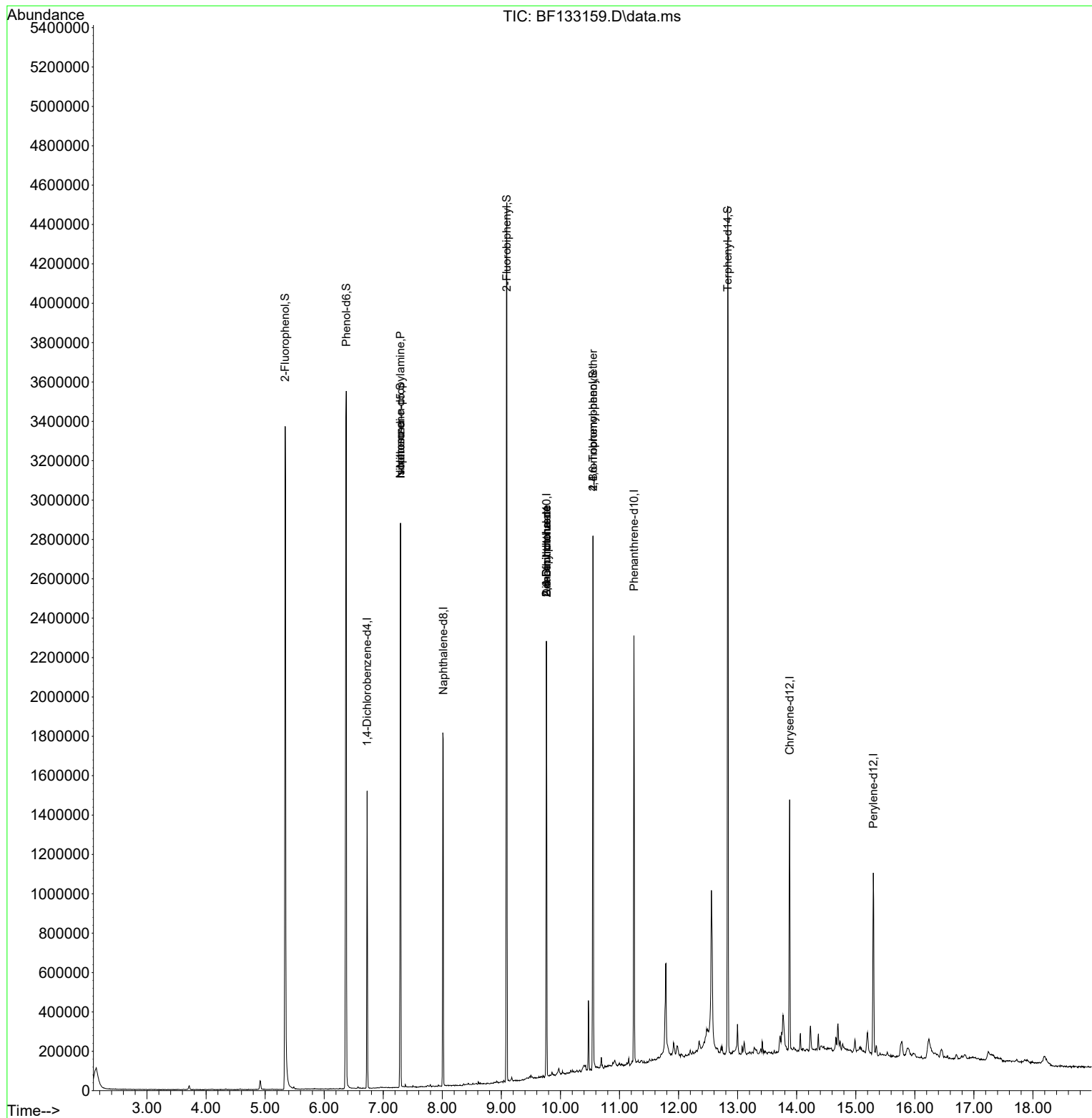
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	190237	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	776206	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	409334	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	751134	20.000	ng	0.00
76) Chrysene-d12	13.880	240	401822	20.000	ng	-0.01
86) Perylene-d12	15.298	264	396871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1140052	90.528	ng	0.00
7) Phenol-d6	6.375	99	1374937	87.962	ng	0.00
23) Nitrobenzene-d5	7.292	82	818732	56.934	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	327061	79.449	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	1383180	56.532	ng	0.00
79) Terphenyl-d14	12.833	244	1518224	65.164	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.269	77	106	Below Cal	#	82
19) n-Nitroso-di-n-propyla...	7.292	70	109684	11.271	ng	# 78
25) Isophorone	7.292	82	816128	29.891	ng	# 63
50) Dimethylphthalate	9.763	163	80468	2.819	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	52407	8.158	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	52407	6.397	ng	# 24
67) 4-Bromophenyl-phenylether	10.551	248	21652	2.658	ng	# 1

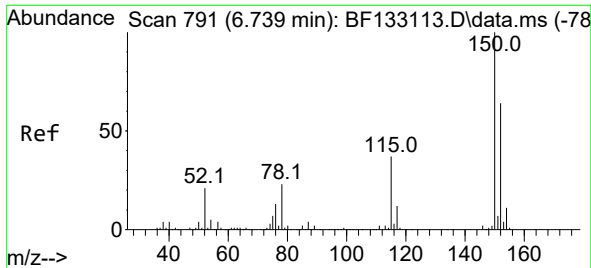
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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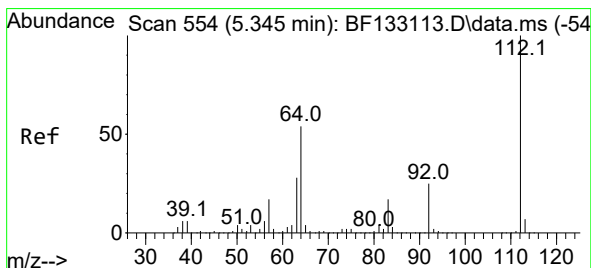
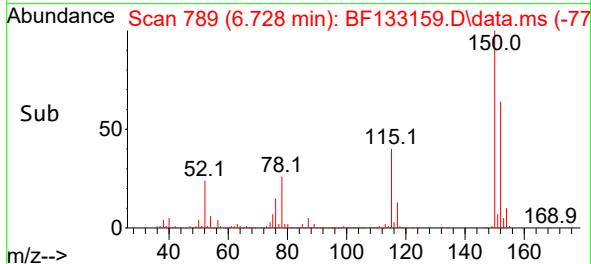
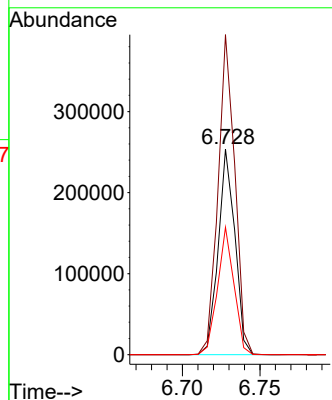
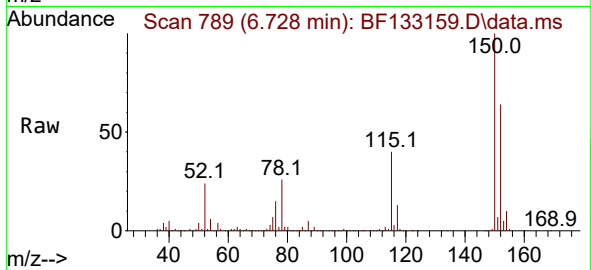




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF133159.D
Acq: 01 May 2023 17:02

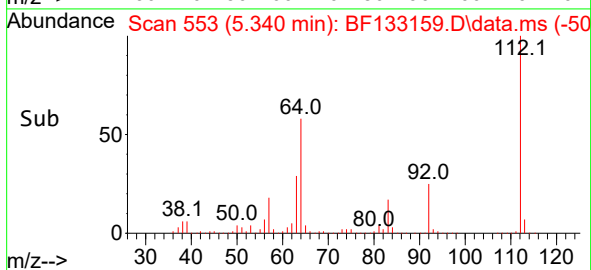
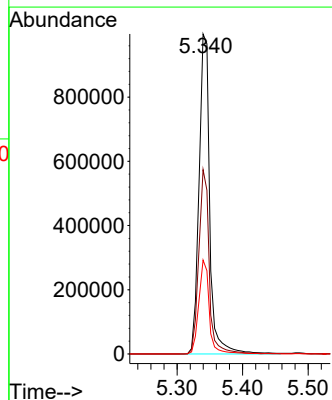
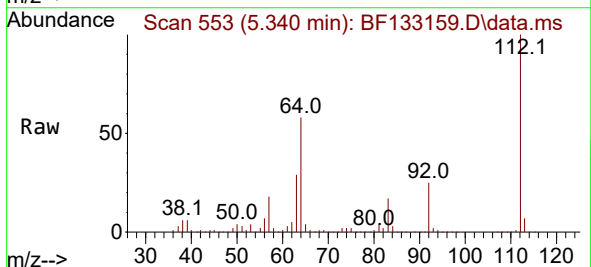
Instrument :
BNA_F
ClientSampleId :
P001-SS013-1218-01

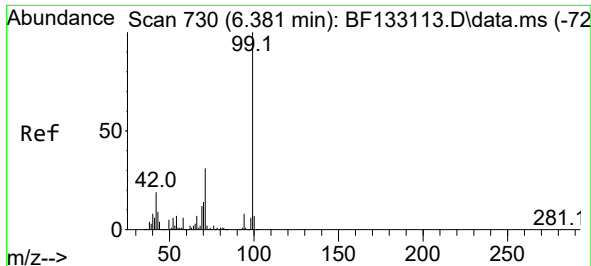
Tgt Ion:152 Resp: 190237
Ion Ratio Lower Upper
152 100
150 155.7 124.8 187.2
115 62.0 49.9 74.9



#5
2-Fluorophenol
Concen: 90.528 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133159.D
Acq: 01 May 2023 17:02

Tgt Ion:112 Resp: 1140052
Ion Ratio Lower Upper
112 100
64 57.6 46.8 70.2
63 29.4 23.8 35.8

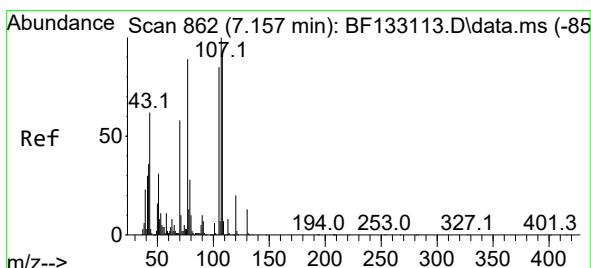
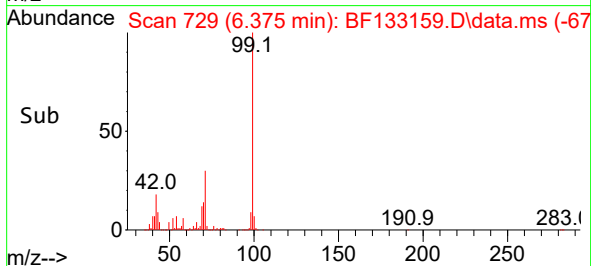
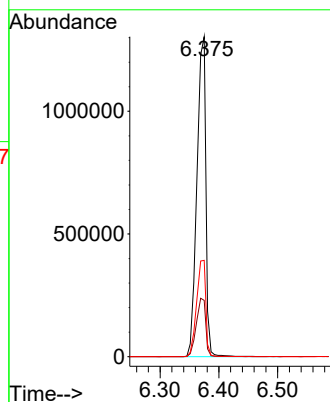
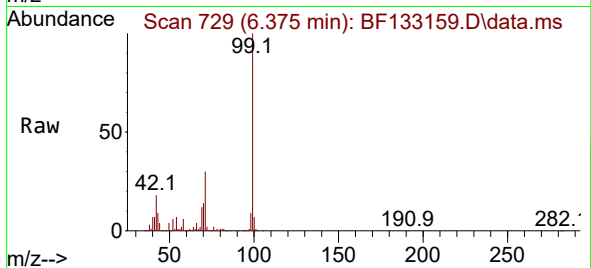




#7
Phenol-d6
Concen: 87.962 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133159.D
Acq: 01 May 2023 17:02

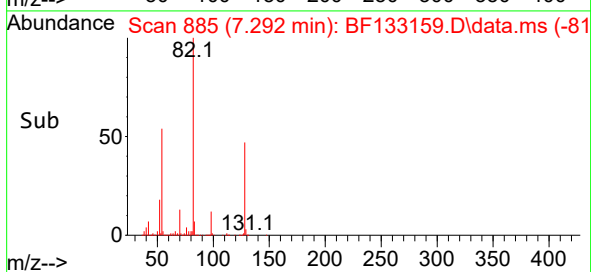
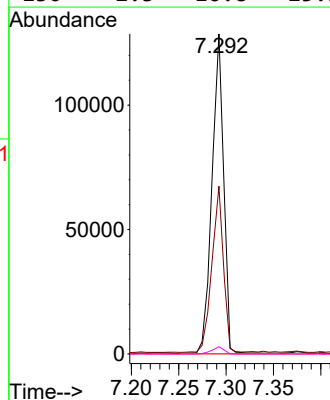
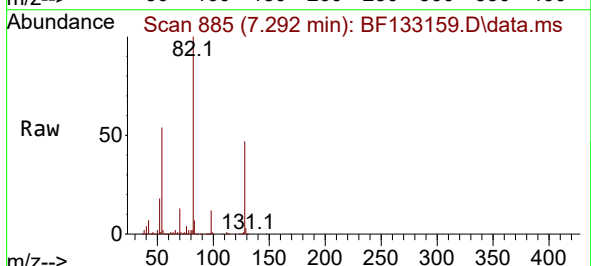
Instrument :
BNA_F
ClientSampleId :
P001-SS013-1218-01

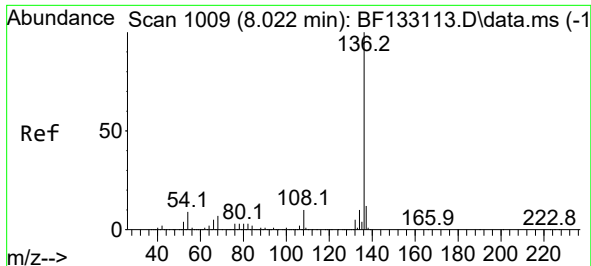
Tgt Ion: 99 Resp: 1374937
Ion Ratio Lower Upper
99 100
42 17.6 16.3 24.5
71 30.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.271 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.135 min
Lab File: BF133159.D
Acq: 01 May 2023 17:02

Tgt Ion: 70 Resp: 109684
Ion Ratio Lower Upper
70 100
42 52.4 51.8 77.6
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#

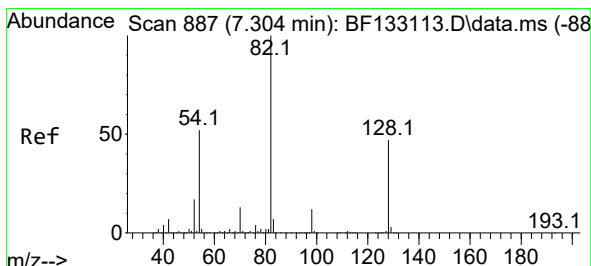
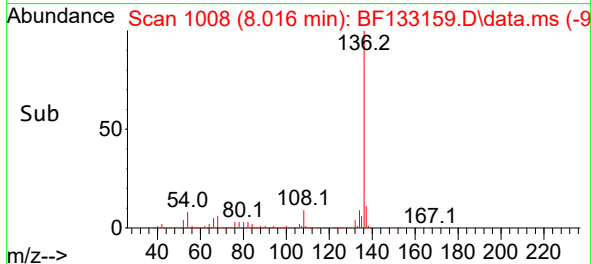
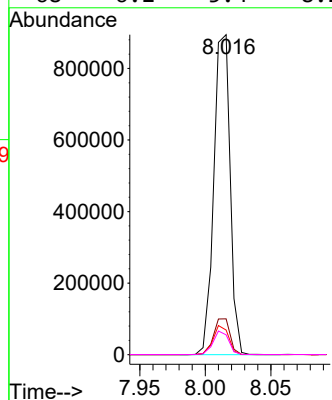
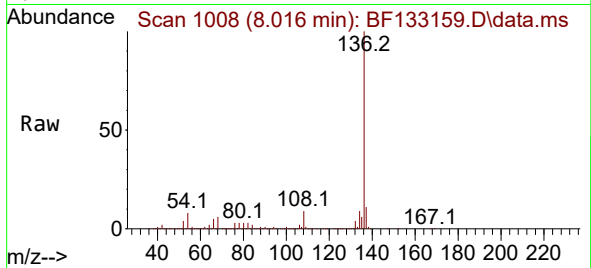




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133159.D
Acq: 01 May 2023 17:02

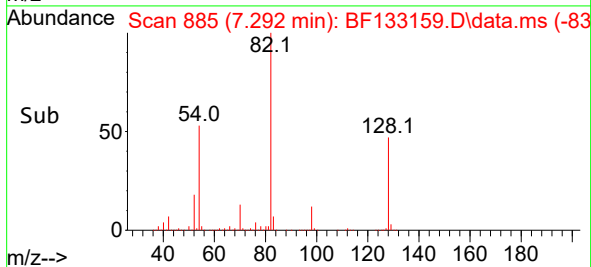
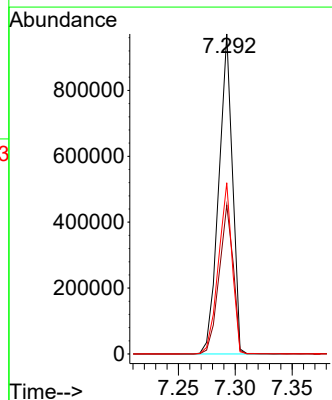
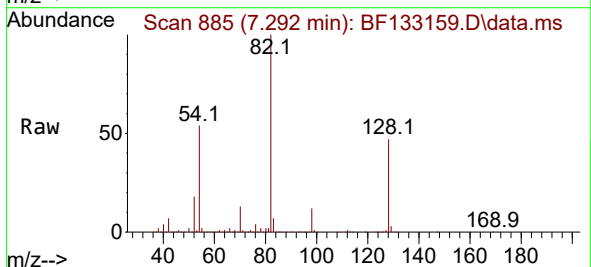
Instrument :
BNA_F
ClientSampleId :
P001-SS013-1218-01

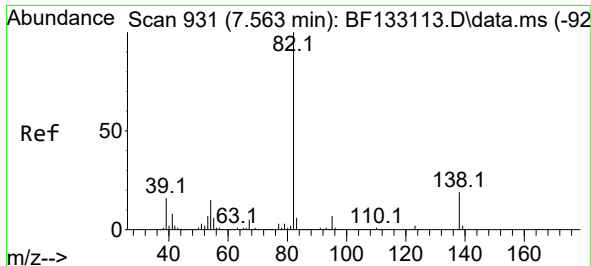
Tgt Ion:136 Resp: 776206
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.7 7.0 10.4
68 6.2 5.4 8.2



#23
Nitrobenzene-d5
Concen: 56.934 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF133159.D
Acq: 01 May 2023 17:02

Tgt Ion: 82 Resp: 818732
Ion Ratio Lower Upper
82 100
128 46.5 37.7 56.5
54 53.5 43.0 64.4

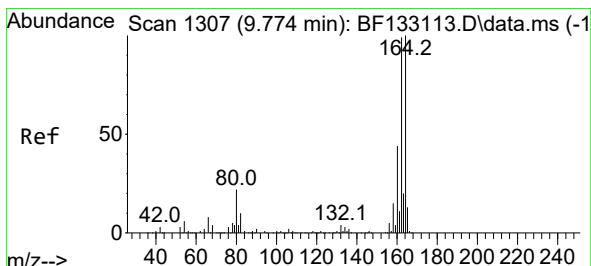
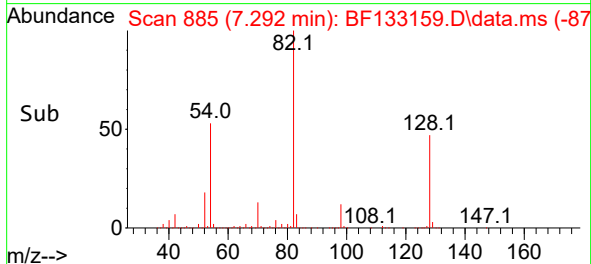
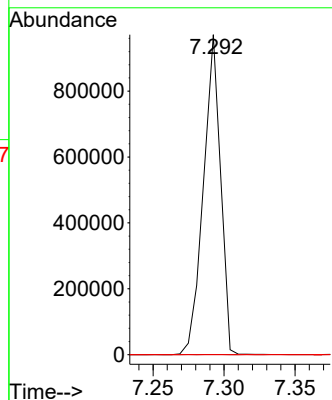
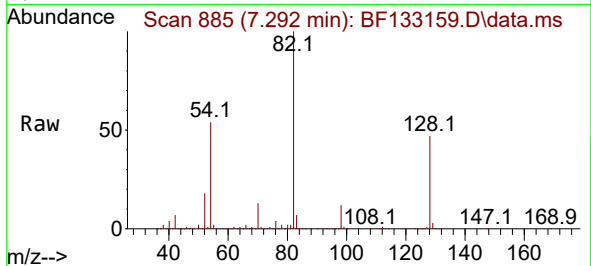




#25
Isophorone
Concen: 29.891 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133159.D
Acq: 01 May 2023 17:02

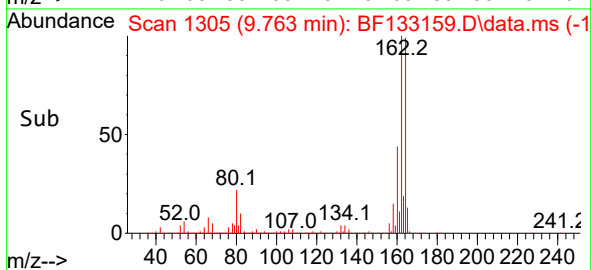
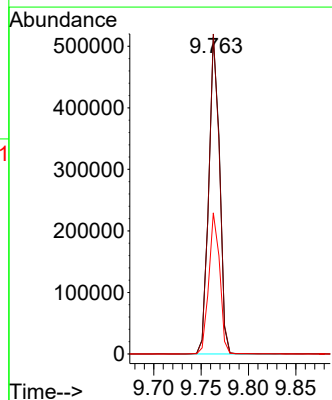
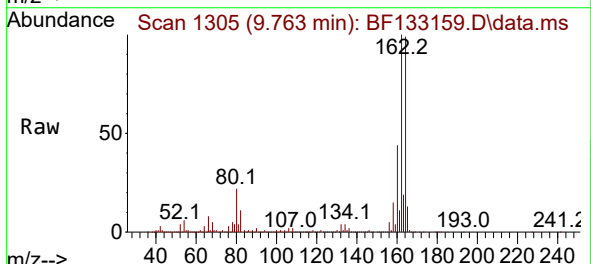
Instrument :
BNA_F
ClientSampleId :
P001-SS013-1218-01

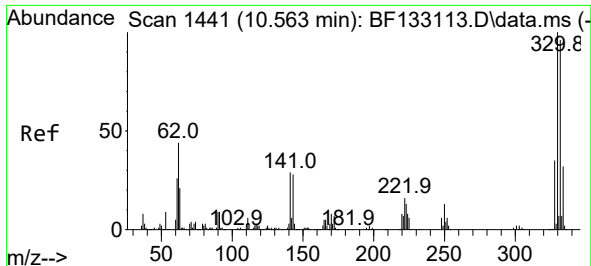
Tgt Ion: 82 Resp: 816128
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF133159.D
Acq: 01 May 2023 17:02

Tgt Ion:164 Resp: 409334
Ion Ratio Lower Upper
164 100
162 100.9 78.7 118.1
160 44.5 35.8 53.6

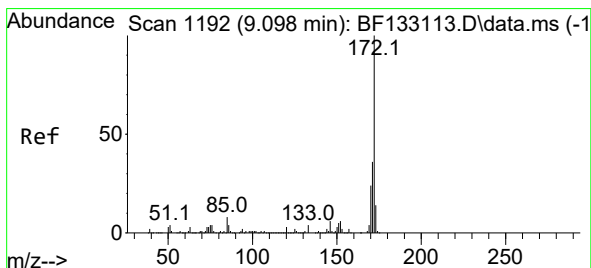
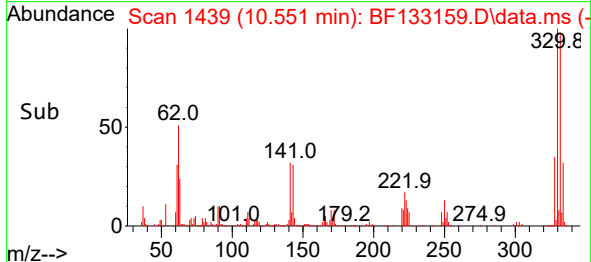
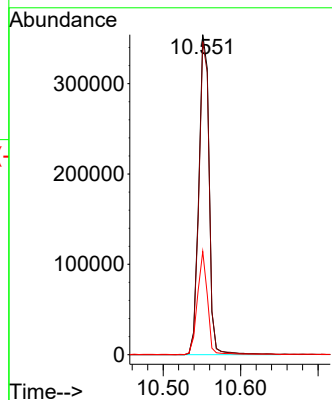
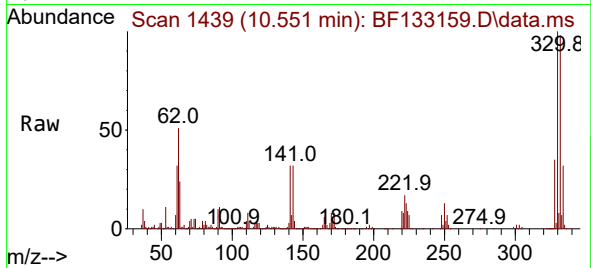




#42
2,4,6-Tribromophenol
Concen: 79.449 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF133159.D
Acq: 01 May 2023 17:02

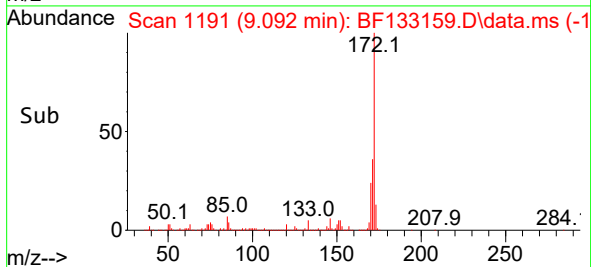
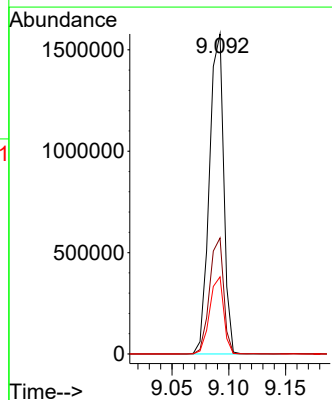
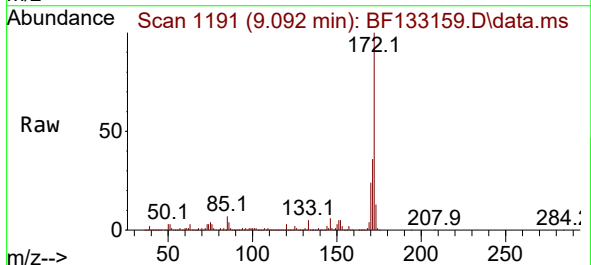
Instrument :
BNA_F
ClientSampleId :
P001-SS013-1218-01

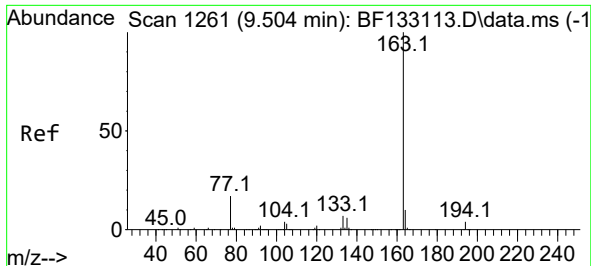
Tgt Ion: 330 Resp: 327061
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 31.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 56.532 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133159.D
Acq: 01 May 2023 17:02

Tgt Ion: 172 Resp: 1383180
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.1 19.4 29.2

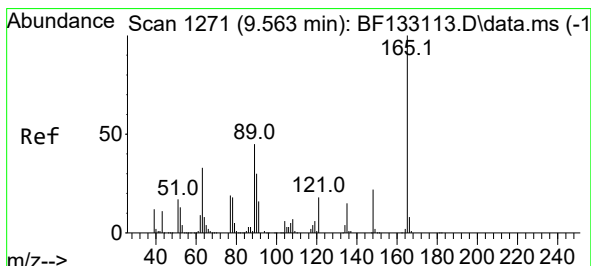
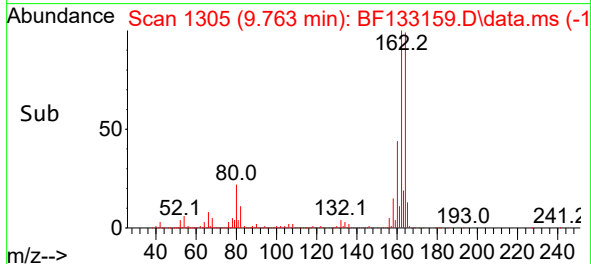
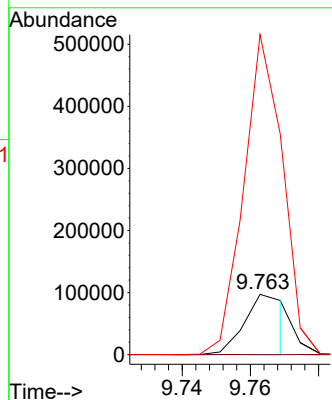
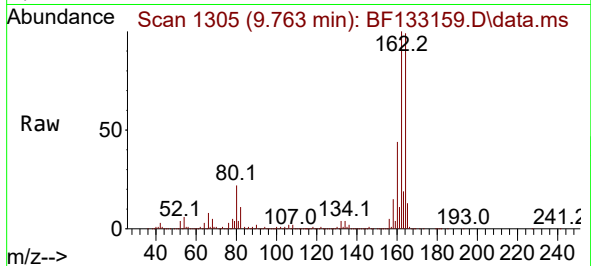




#50
Dimethylphthalate
Concen: 2.819 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.265 min
Lab File: BF133159.D
Acq: 01 May 2023 17:02

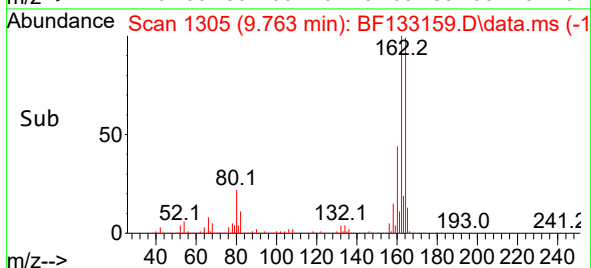
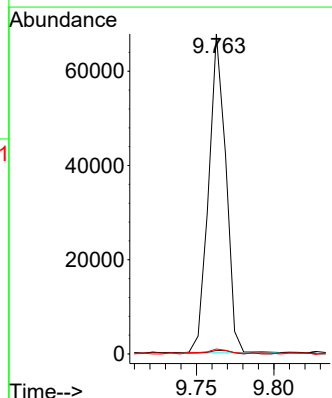
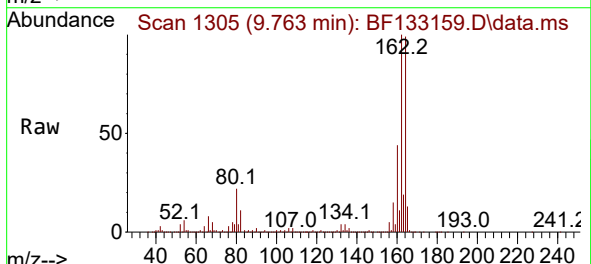
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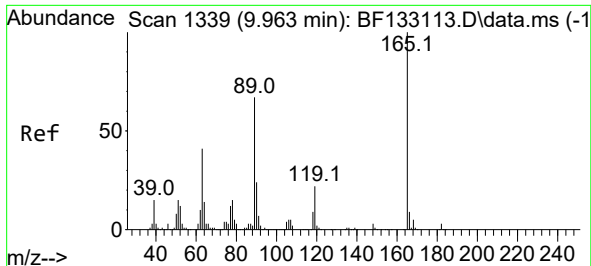
Tgt Ion:163 Resp: 80468
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 530.2 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.158 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.206 min
Lab File: BF133159.D
Acq: 01 May 2023 17:02

Tgt Ion:165 Resp: 52407
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.6 44.0 66.0#

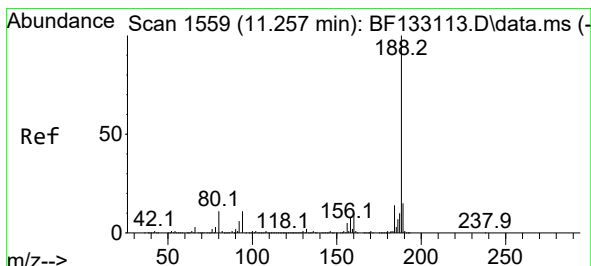
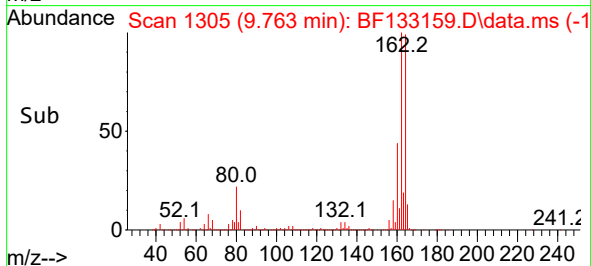
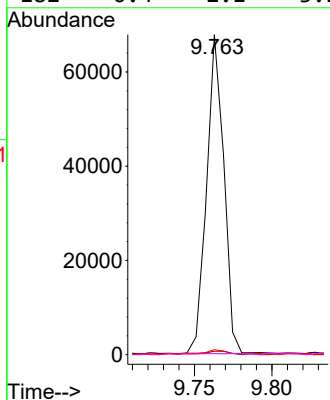
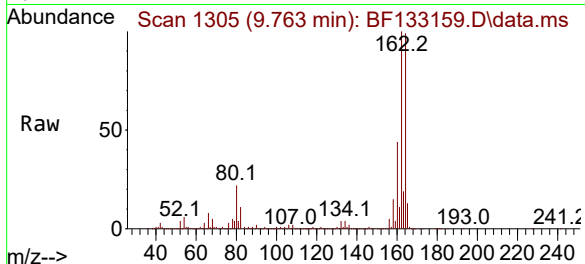




#57
2,4-Dinitrotoluene
Concen: 6.397 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133159.D
Acq: 01 May 2023 17:02

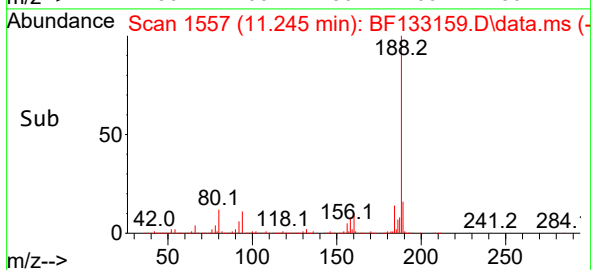
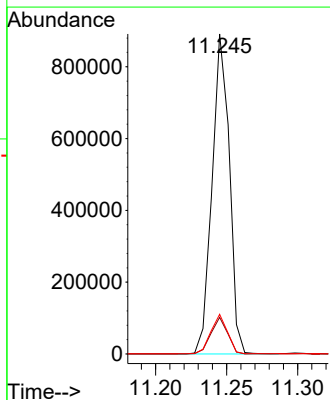
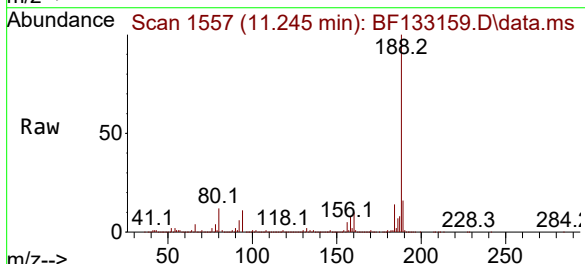
Instrument :
BNA_F
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P001-SS013-1218-01

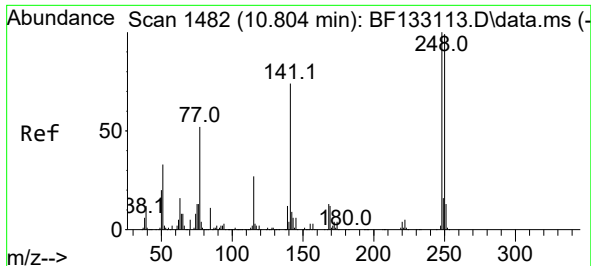
Tgt Ion:165 Resp: 52407
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.6 57.0 85.4#
182 0.4 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF133159.D
Acq: 01 May 2023 17:02

Tgt Ion:188 Resp: 751134
Ion Ratio Lower Upper
188 100
94 11.5 9.7 14.5
80 12.4 10.4 15.6

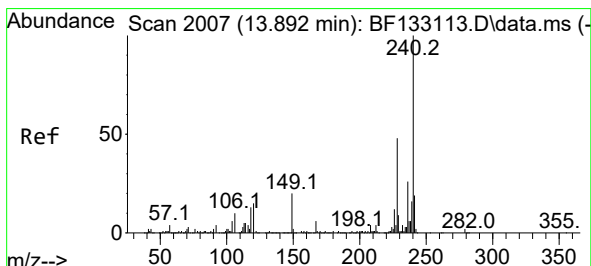
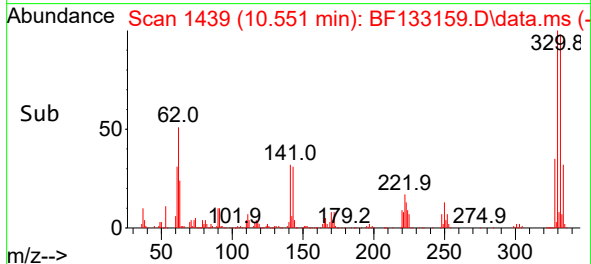
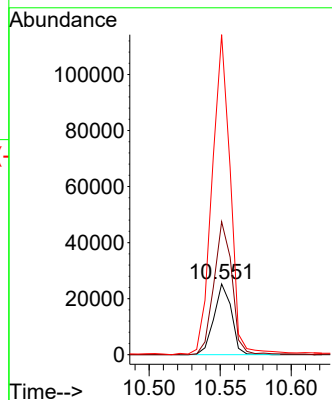
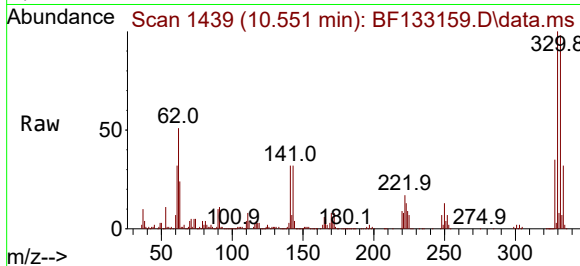




#67
4-Bromophenyl-phenylether
Concen: 2.658 ng
RT: 10.551 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF133159.D
Acq: 01 May 2023 17:02

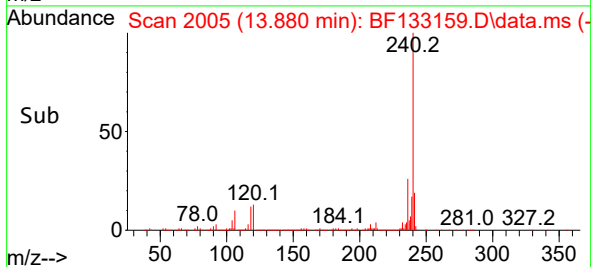
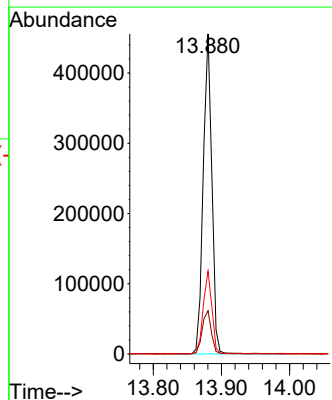
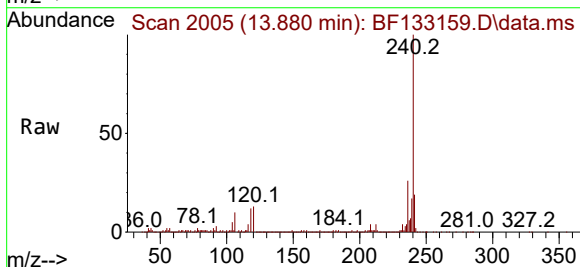
Instrument :
BNA_F
ClientSampleId :
P001-SS013-1218-01

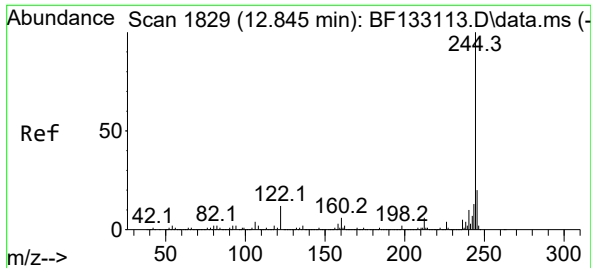
Tgt Ion:248 Resp: 21652
Ion Ratio Lower Upper
248 100
250 188.2 78.7 118.1#
141 452.9 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133159.D
Acq: 01 May 2023 17:02

Tgt Ion:240 Resp: 401822
Ion Ratio Lower Upper
240 100
120 13.5 10.5 15.7
236 25.8 21.5 32.3

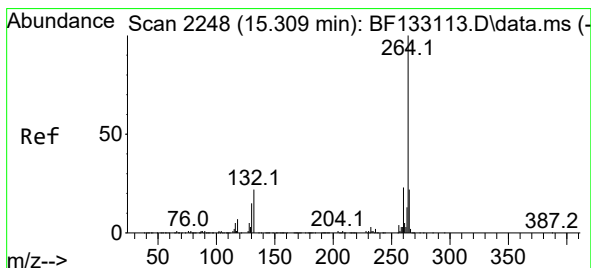
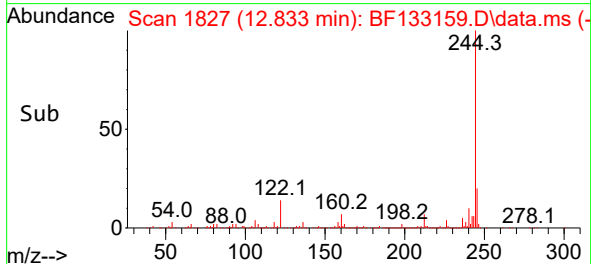
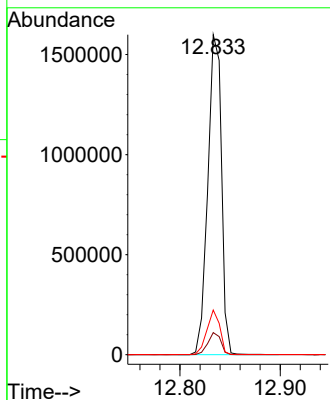
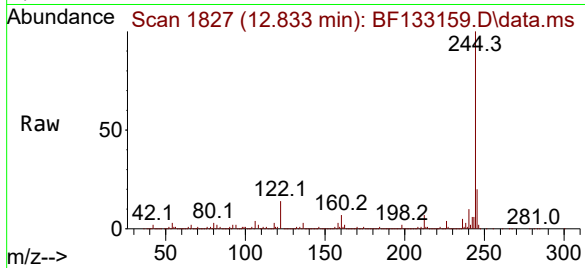




#79
 Terphenyl-d14
 Concen: 65.164 ng
 RT: 12.833 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133159.D
 Acq: 01 May 2023 17:02

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013-1218-01

Tgt Ion:244 Resp: 1518224
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 14.0 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. -0.006 min
 Lab File: BF133159.D
 Acq: 01 May 2023 17:02

Tgt Ion:264 Resp: 396871
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.5 17.0 25.4

