

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052523\
 Data File : BF133492.D
 Acq On : 25 May 2023 16:16
 Operator : CG\JU
 Sample : PB153012BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153012BL

Quant Time: May 26 02:07:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 23:30:55 2023
 Response via : Initial Calibration

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

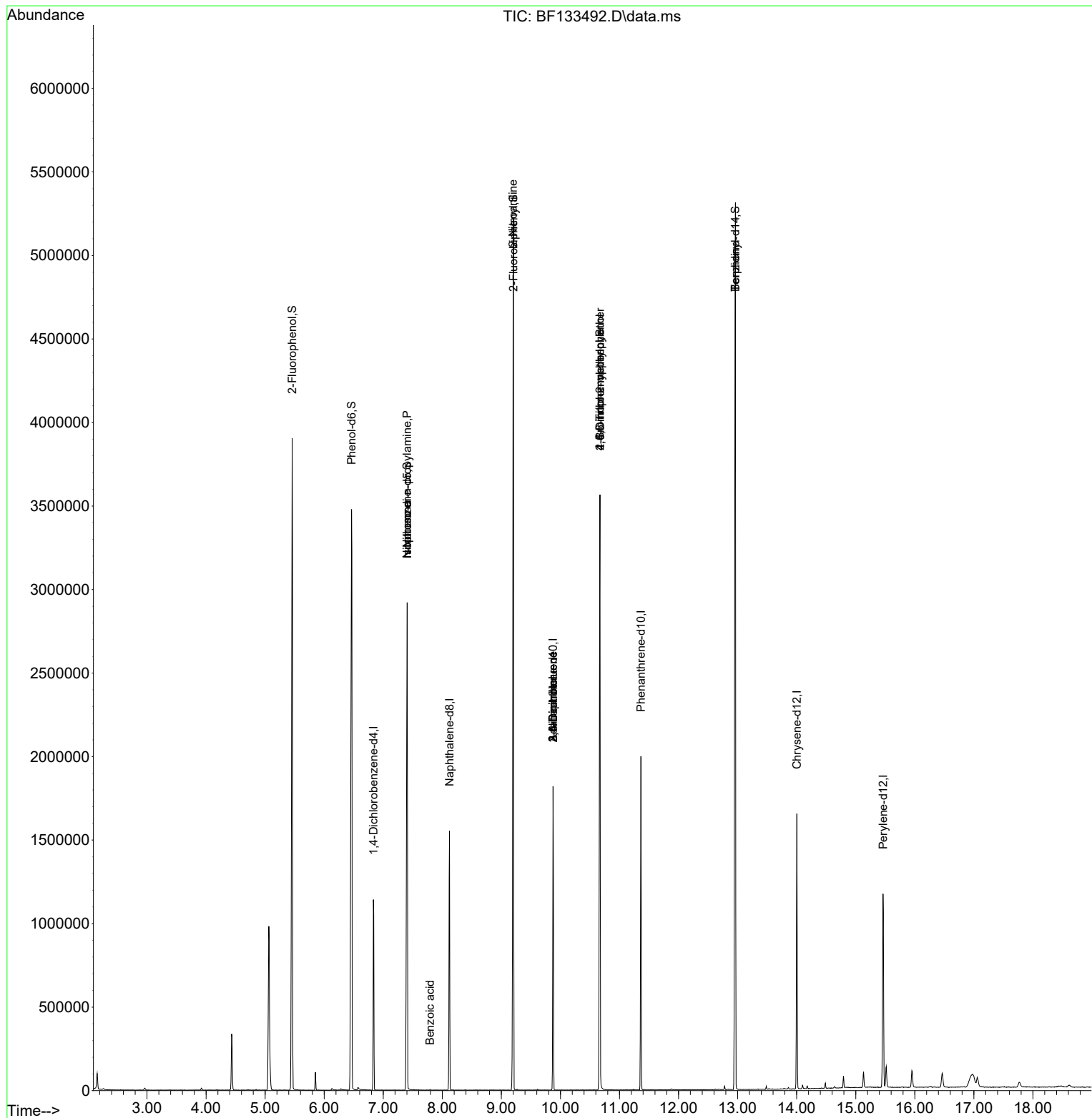
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	164545	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	643391	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	325316	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	659807	20.000	ng	0.00
76) Chrysene-d12	14.004	240	502151	20.000	ng	0.00
86) Perylene-d12	15.462	264	522137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1246967	126.441	ng	0.01
7) Phenol-d6	6.463	99	1530408	126.060	ng	0.00
23) Nitrobenzene-d5	7.404	82	985318	102.252	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	462790	142.713	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1739972	82.552	ng	0.00
79) Terphenyl-d14	12.963	244	2226550	78.836	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.463	77	2265	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	137161	17.462	ng	# 79
25) Isophorone	7.404	82	985367	43.876	ng	# 65
32) Benzoic acid	7.792	122	366	7.398	ng	# 75
48) 2-Nitroaniline	9.198	65	3240	4.474	ng	# 3
51) 2,6-Dinitrotoluene	9.875	165	42123	12.629	ng	# 18
53) 3-Nitroaniline	9.875	138	57	3.190	ng	# 1
57) 2,4-Dinitrotoluene	9.875	165	42123	11.781	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.669	198	1069	9.036	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	29520	4.213	ng	# 1
77) Benzidine	12.963	184	30361	2.067	ng	# 92

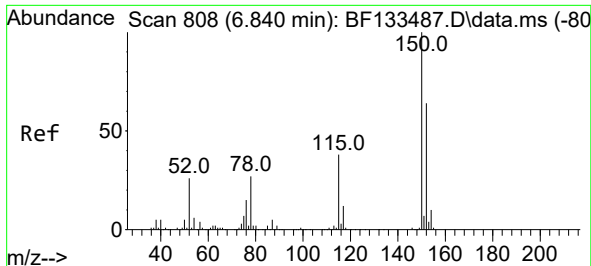
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052523\
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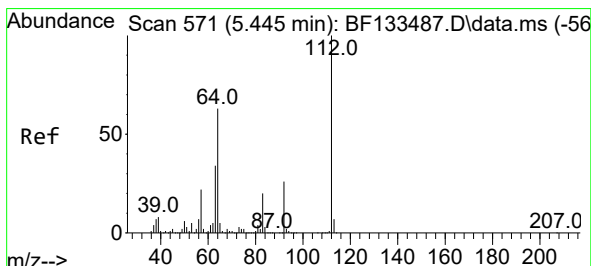
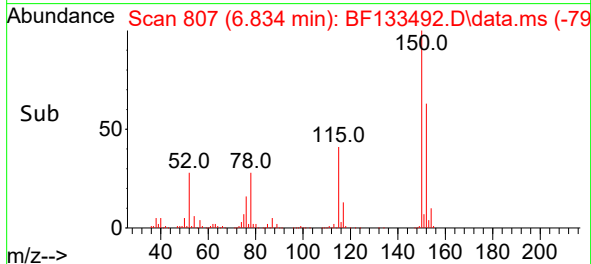
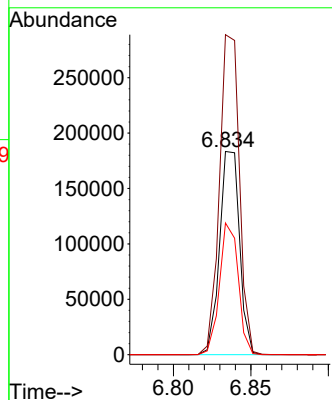
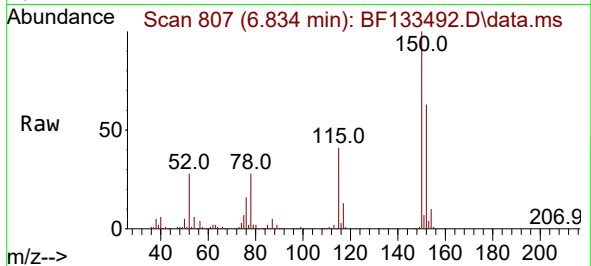




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

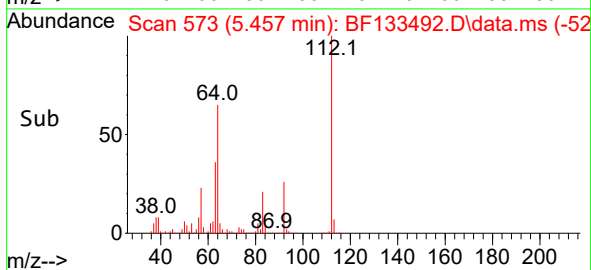
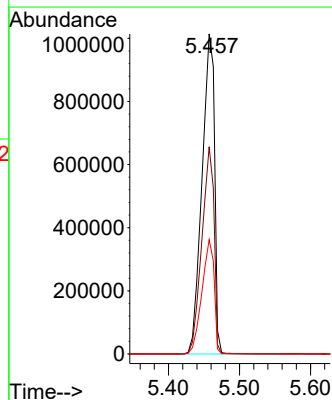
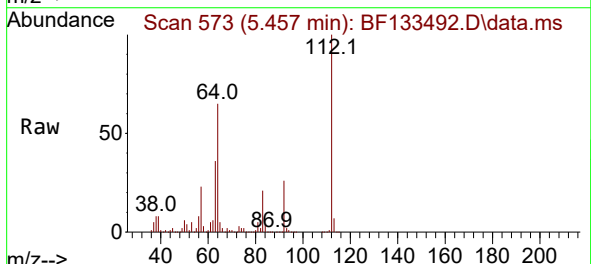
Instrument :
BNA_F
ClientSampleId :
PB153012BL

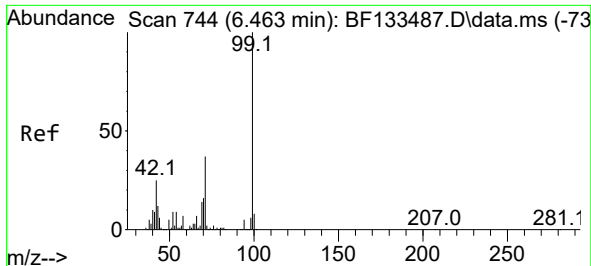
Tgt Ion:152 Resp: 164545
Ion Ratio Lower Upper
152 100
150 157.5 124.9 187.3
115 64.8 48.1 72.1



#5
2-Fluorophenol
Concen: 126.441 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

Tgt Ion:112 Resp: 1246967
Ion Ratio Lower Upper
112 100
64 64.7 50.1 75.1
63 35.8 27.5 41.3

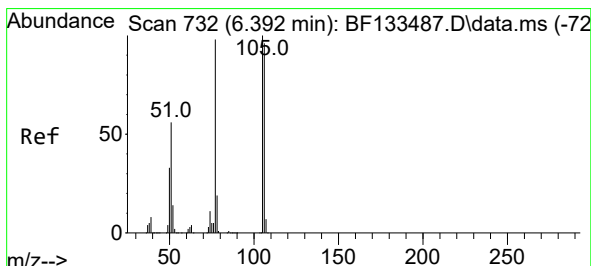
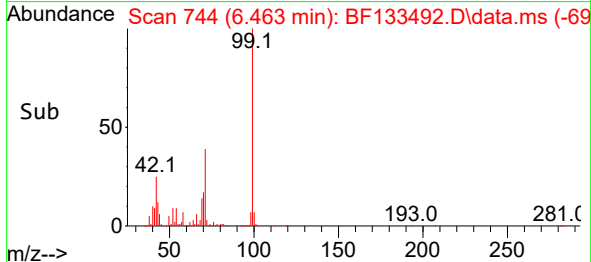
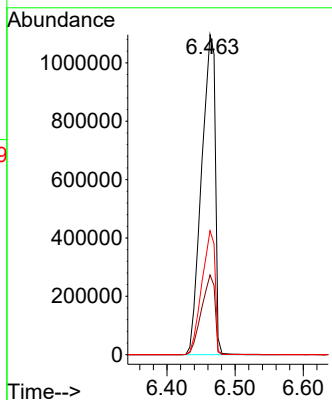
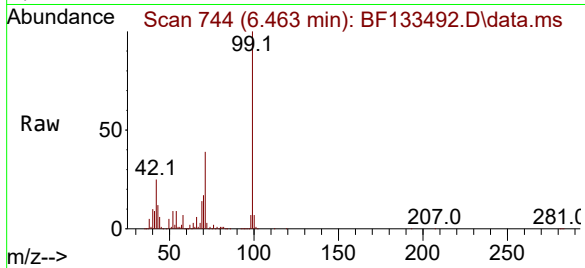




#7
Phenol-d6
Concen: 126.060 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

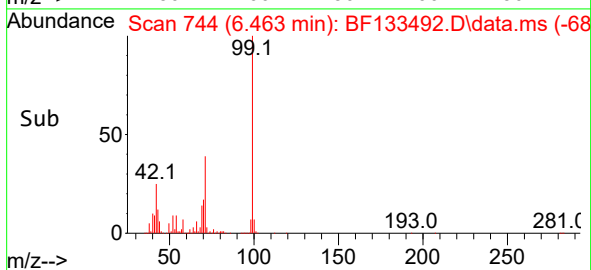
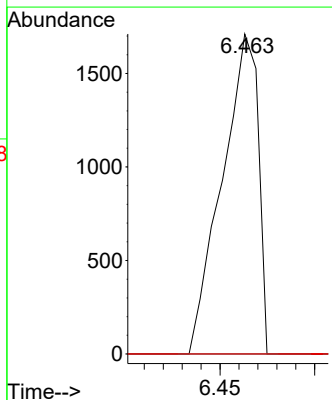
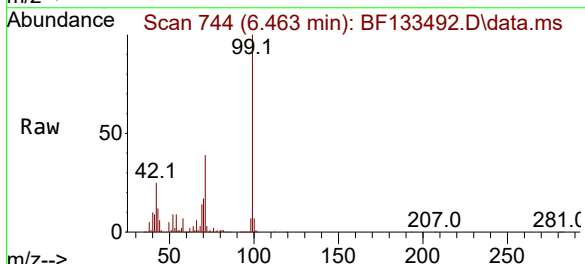
Instrument :
BNA_F
ClientSampleId :
PB153012BL

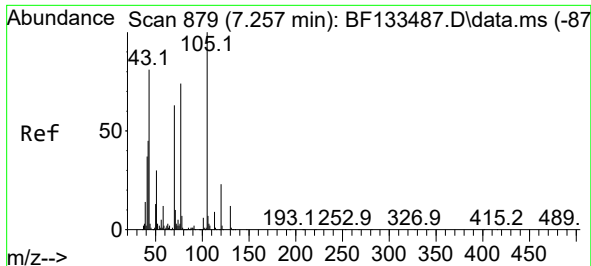
Tgt Ion: 99 Resp: 1530408
Ion Ratio Lower Upper
99 100
42 24.9 19.7 29.5
71 38.8 29.8 44.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.463 min Scan# 744
Delta R.T. 0.071 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

Tgt Ion: 77 Resp: 2265
Ion Ratio Lower Upper
77 100
105 0.0 81.9 121.9#
106 0.0 77.8 117.8#

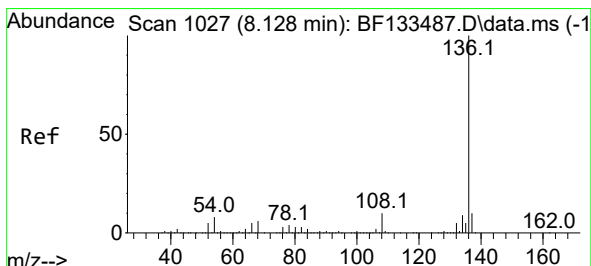
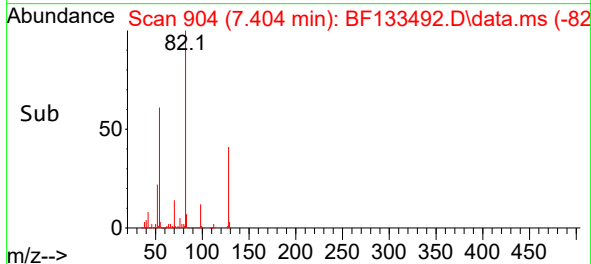
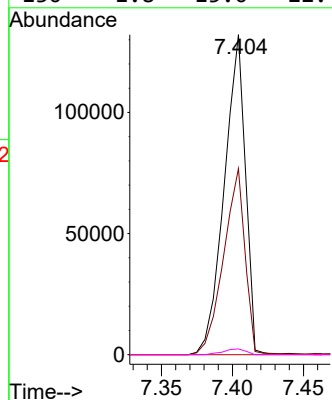
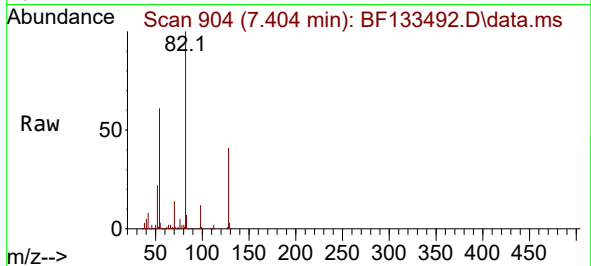




#19
n-Nitroso-di-n-propylamine
Concen: 17.462 ng
RT: 7.404 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

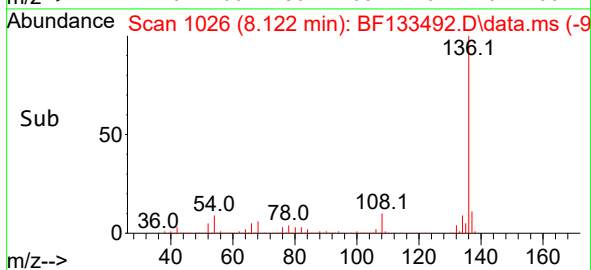
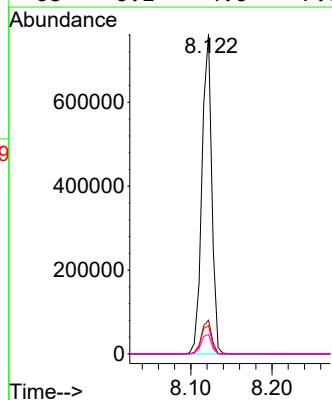
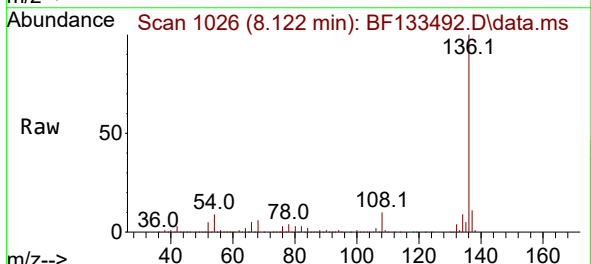
Instrument :
BNA_F
ClientSampleId :
PB153012BL

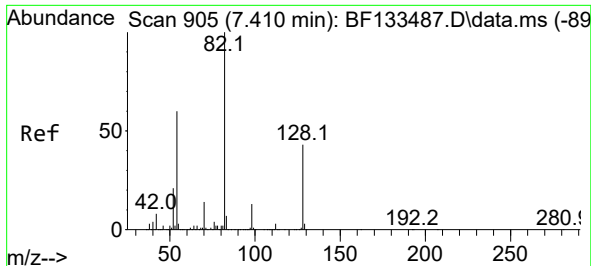
Tgt Ion: 70 Resp: 137161
Ion Ratio Lower Upper
70 100
42 58.2 57.2 85.8
101 0.0 7.3 10.9#
130 1.8 15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

Tgt Ion: 136 Resp: 643391
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.4
54 8.8 6.6 10.0
68 6.1 4.6 7.0





#23

Nitrobenzene-d5

Concen: 102.252 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF133492.D

Acq: 25 May 2023 16:16

Instrument :

BNA_F

ClientSampleId :

PB153012BL

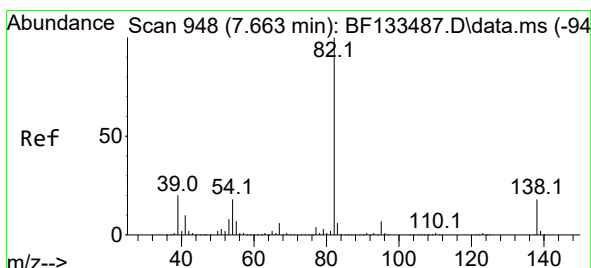
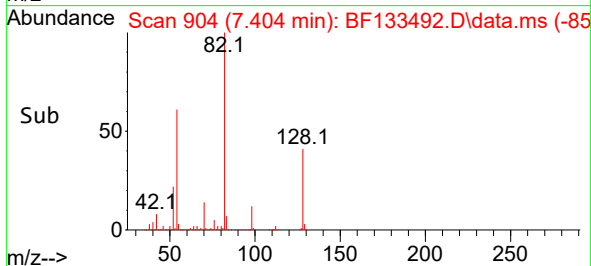
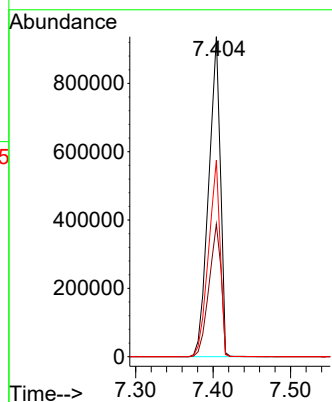
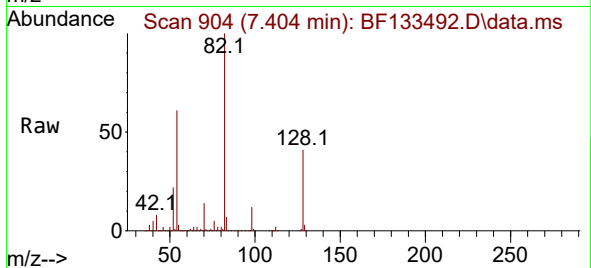
Tgt Ion: 82 Resp: 985318

Ion Ratio Lower Upper

82 100

128 41.4 34.2 51.4

54 61.4 48.2 72.4



#25

Isophorone

Concen: 43.876 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.259 min

Lab File: BF133492.D

Acq: 25 May 2023 16:16

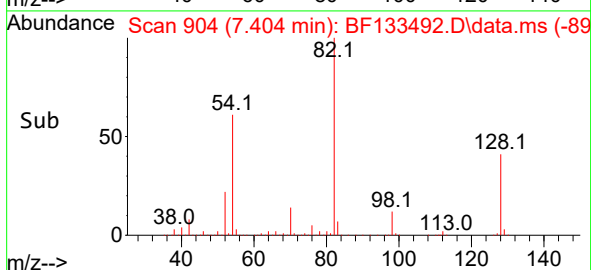
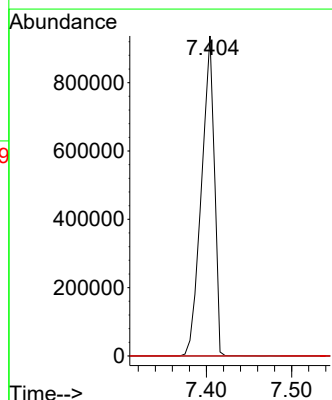
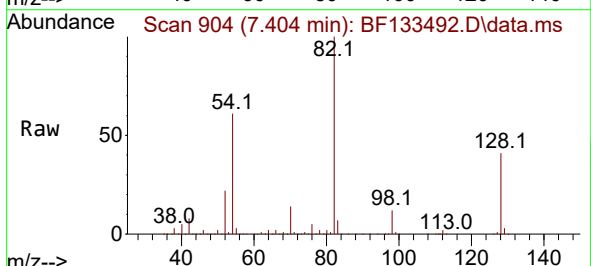
Tgt Ion: 82 Resp: 985367

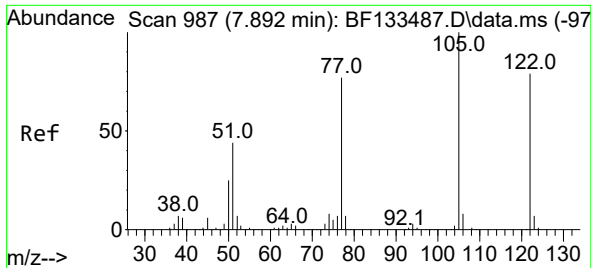
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.4#

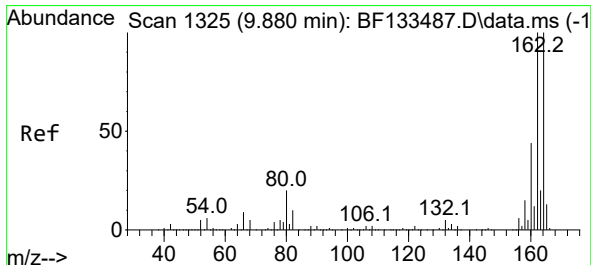
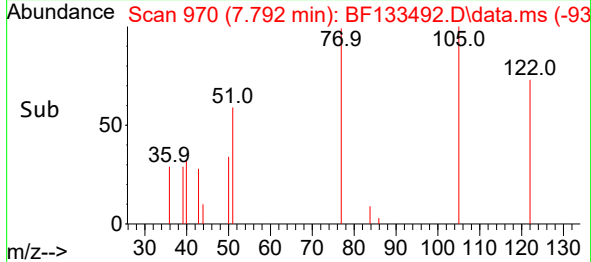
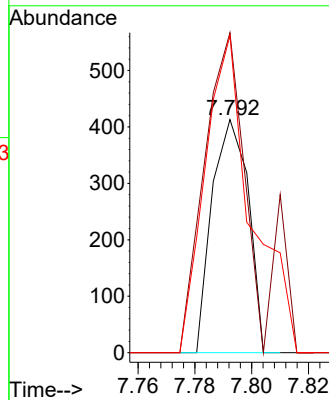
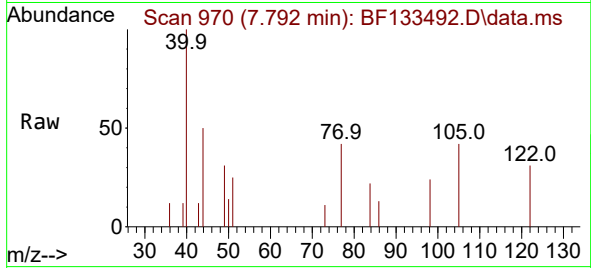




#32
Benzoic acid
Concen: 7.398 ng
RT: 7.792 min Scan# 91
Delta R.T. -0.100 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

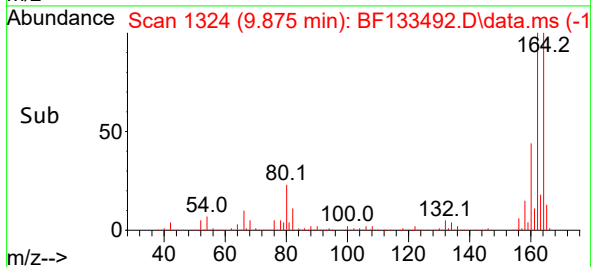
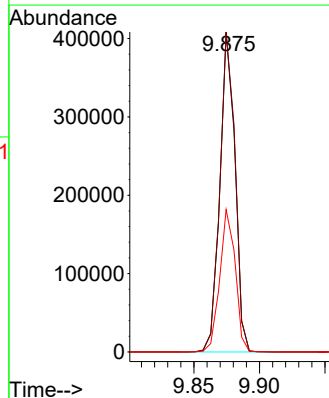
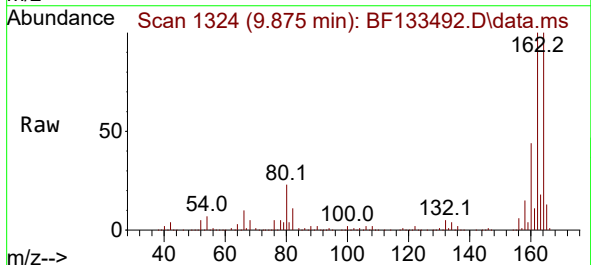
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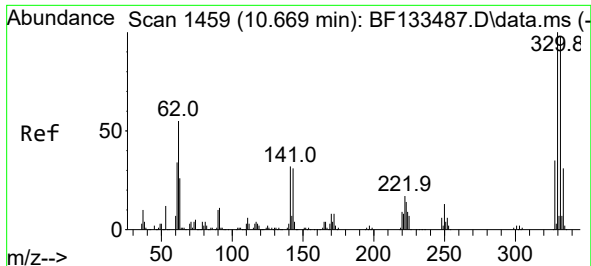
Tgt Ion:122 Resp: 366
Ion Ratio Lower Upper
122 100
105 137.3 103.3 143.3
77 136.1 75.7 115.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

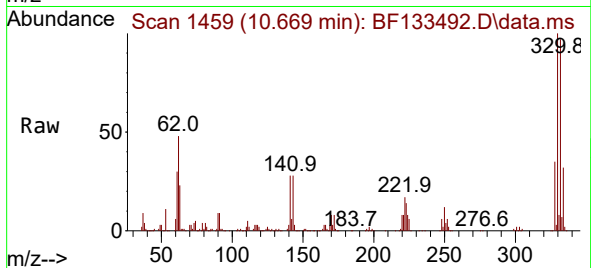
Tgt Ion:164 Resp: 325316
Ion Ratio Lower Upper
164 100
162 100.1 79.7 119.5
160 44.5 35.4 53.0



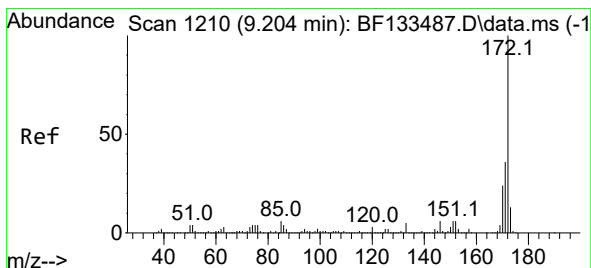
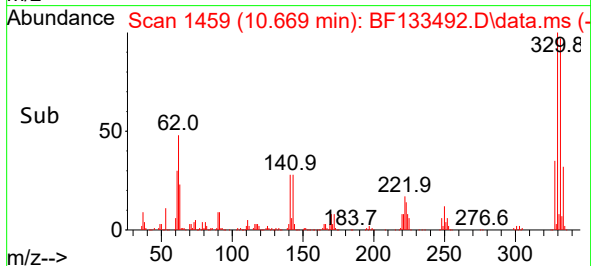
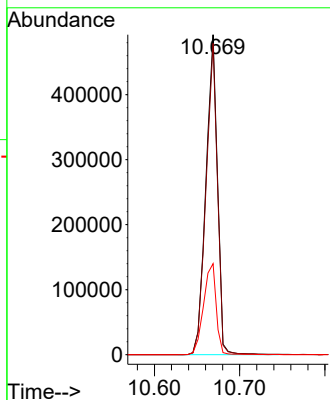


#42
2,4,6-Tribromophenol
Concen: 142.713 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

Instrument :
BNA_F
ClientSampleId :
PB153012BL

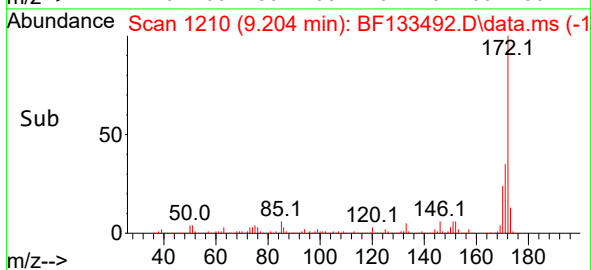
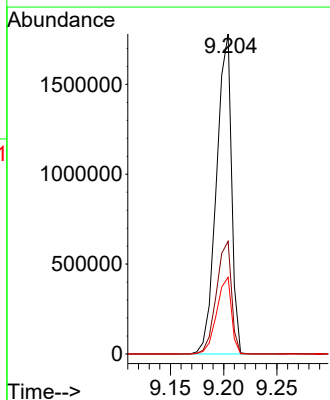
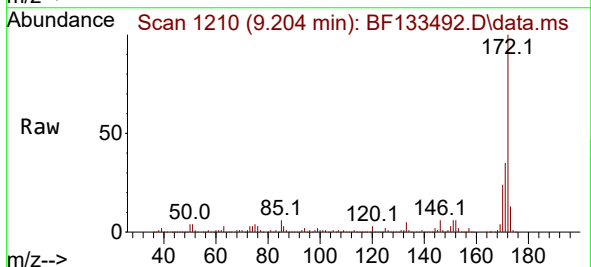


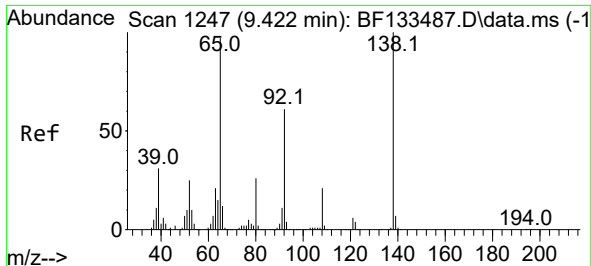
Tgt Ion:330 Resp: 462790
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 31.2 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 82.552 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

Tgt Ion:172 Resp: 1739972
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 24.0 19.3 28.9

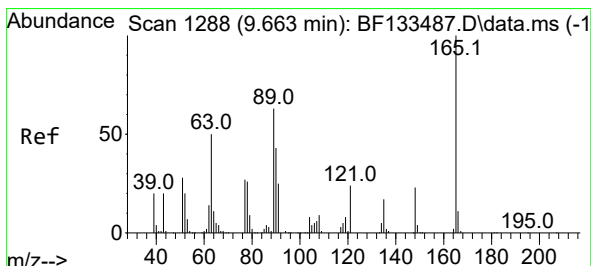
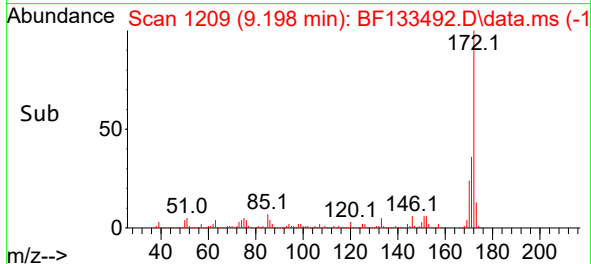
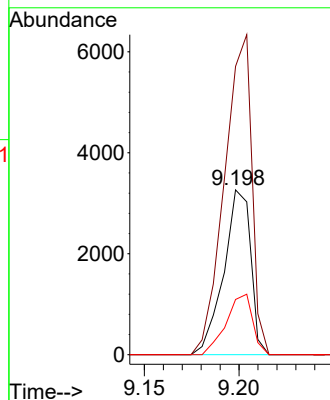
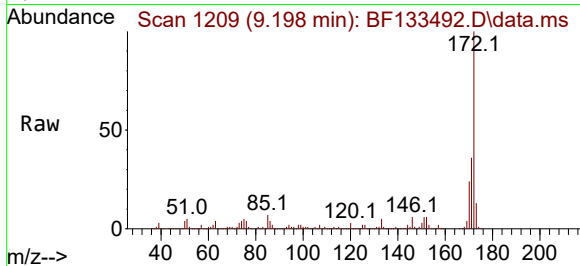




#48
2-Nitroaniline
Concen: 4.474 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

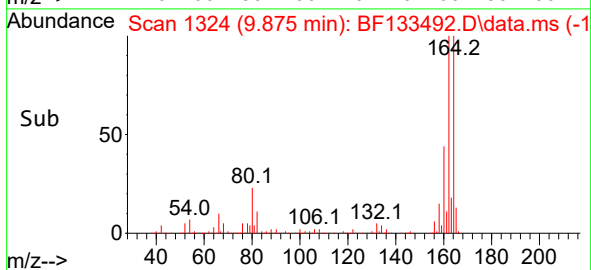
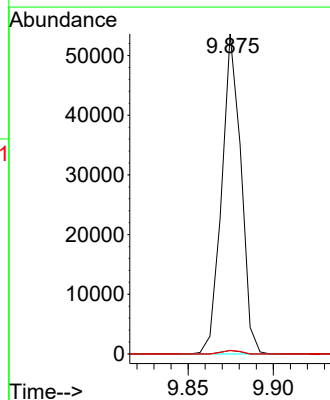
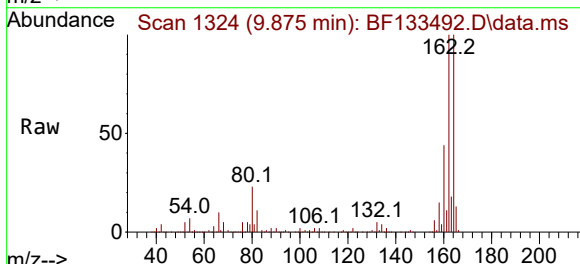
Instrument :
BNA_F
ClientSampleId :
PB153012BL

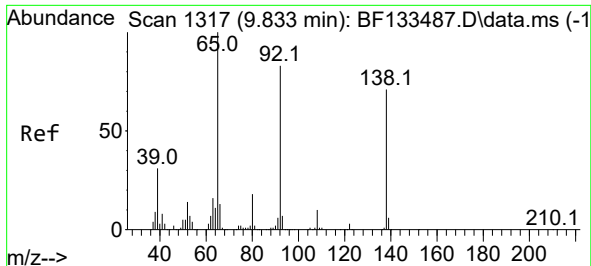
Tgt Ion: 65 Resp: 3240
Ion Ratio Lower Upper
65 100
92 174.9 50.8 76.2#
138 33.5 82.6 124.0#



#51
2,6-Dinitrotoluene
Concen: 12.629 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

Tgt Ion: 165 Resp: 42123
Ion Ratio Lower Upper
165 100
63 1.0 57.0 85.4#
89 1.2 50.8 76.2#

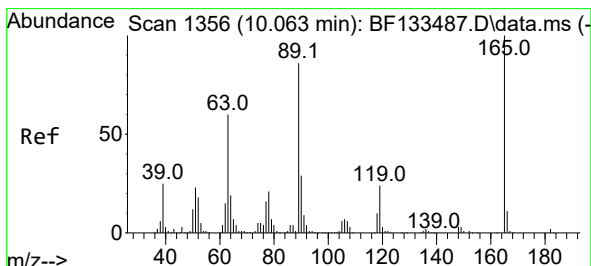
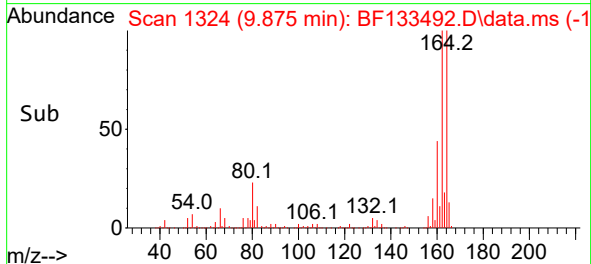
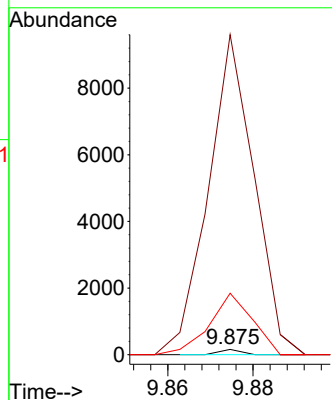
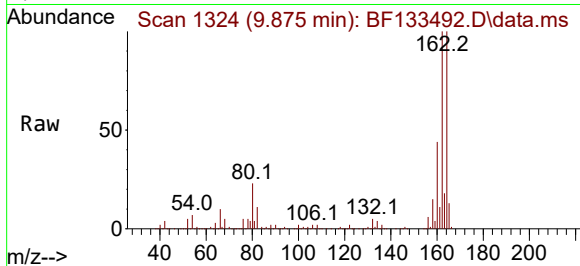




#53
3-Nitroaniline
Concen: 3.190 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.042 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

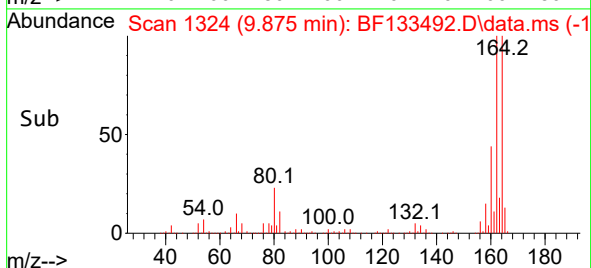
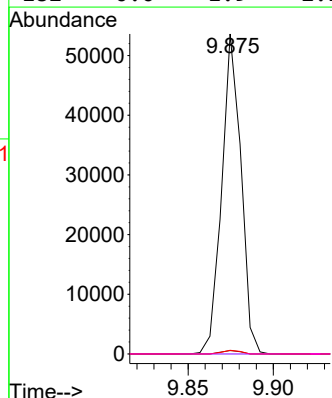
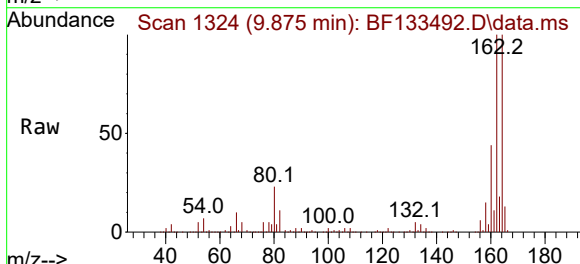
Instrument :
BNA_F
ClientSampleId :
PB153012BL

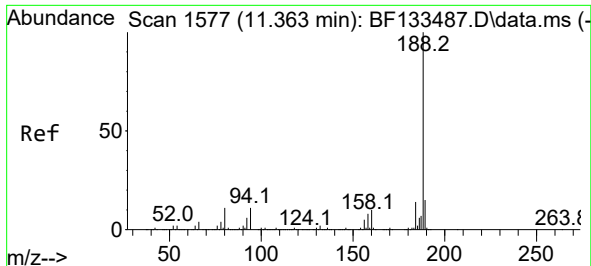
Tgt Ion:138 Resp: 57
Ion Ratio Lower Upper
138 100
108 5965.8 11.9 17.9#
92 1146.6 93.1 139.7#



#57
2,4-Dinitrotoluene
Concen: 11.781 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

Tgt Ion:165 Resp: 42123
Ion Ratio Lower Upper
165 100
63 1.0 48.1 72.1#
89 1.2 68.4 102.6#
182 0.0 1.9 2.9#

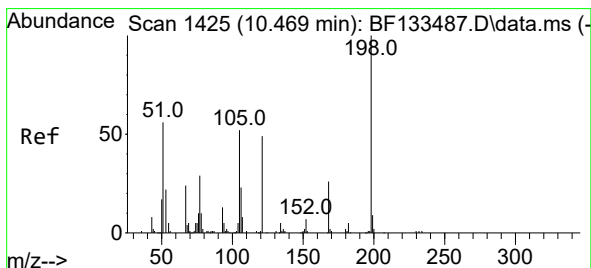
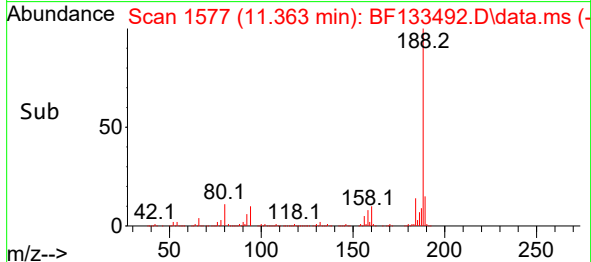
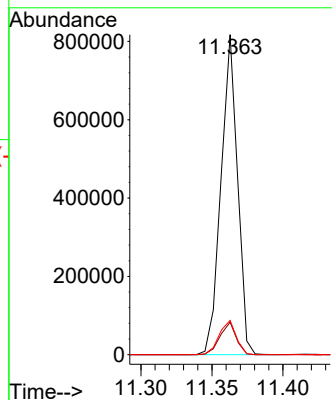
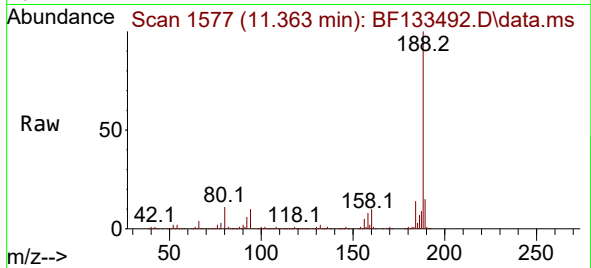




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

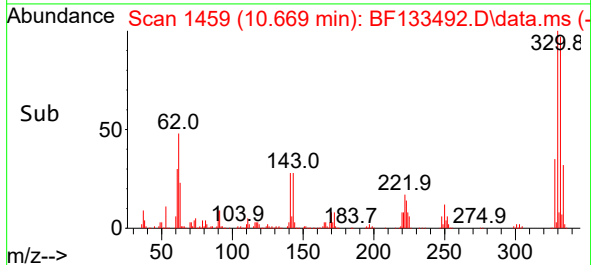
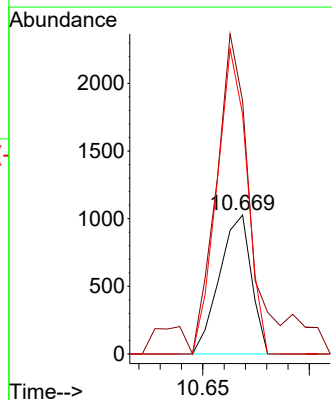
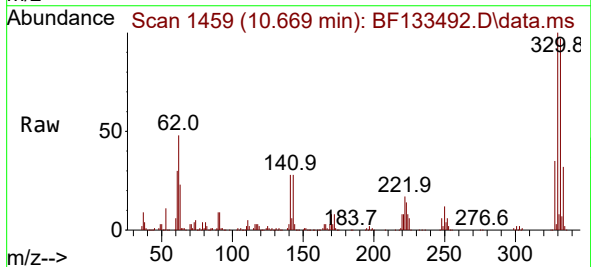
Instrument :
BNA_F
ClientSampleId :
PB153012BL

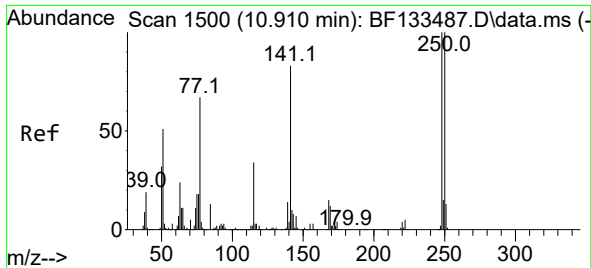
Tgt Ion:188 Resp: 659807
Ion Ratio Lower Upper
188 100
94 10.2 8.6 12.8
80 10.7 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 9.036 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.200 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

Tgt Ion:198 Resp: 1069
Ion Ratio Lower Upper
198 100
51 182.3 53.6 93.6#
105 172.5 35.9 75.9#

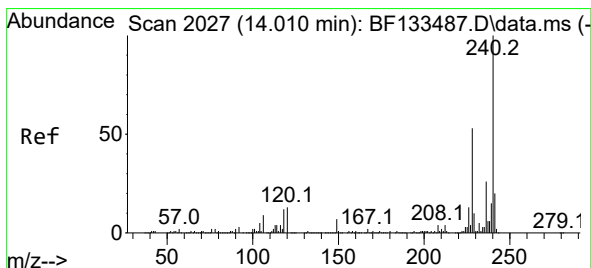
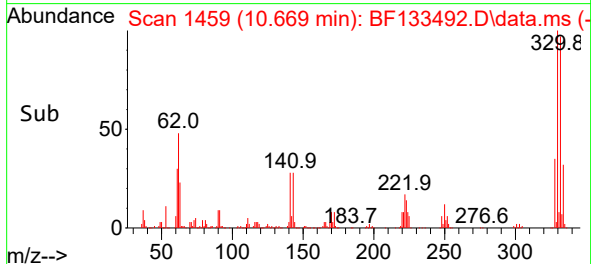
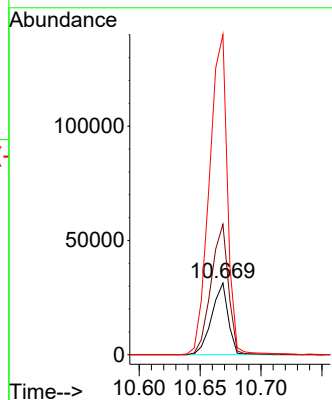
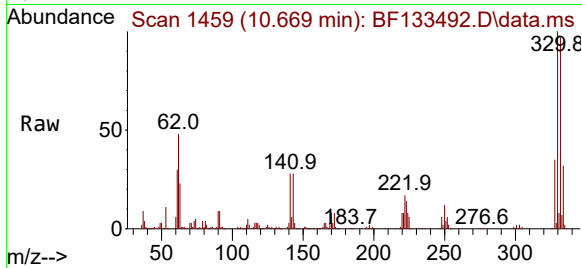




#67
4-Bromophenyl-phenylether
Concen: 4.213 ng
RT: 10.669 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

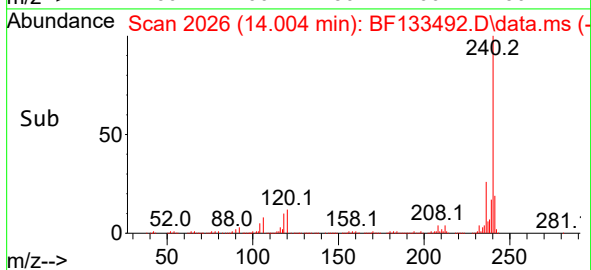
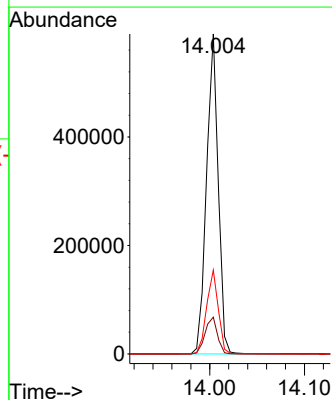
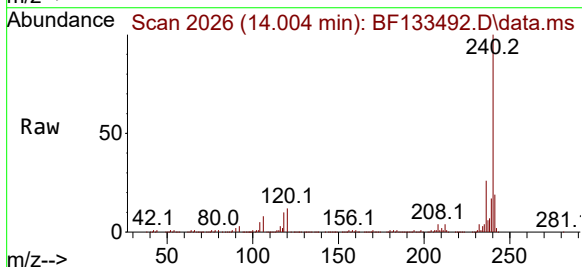
Instrument :
BNA_F
ClientSampleId :
PB153012BL

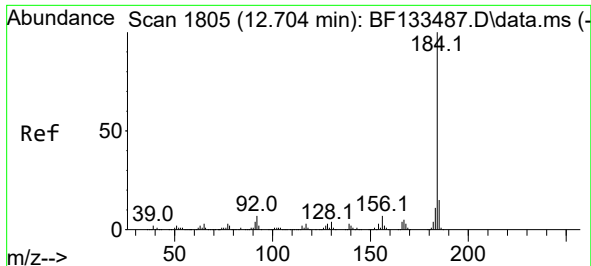
Tgt Ion:248 Resp: 29520
Ion Ratio Lower Upper
248 100
250 182.0 79.7 119.5#
141 446.8 66.6 100.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

Tgt Ion:240 Resp: 502151
Ion Ratio Lower Upper
240 100
120 11.5 10.3 15.5
236 26.2 20.5 30.7

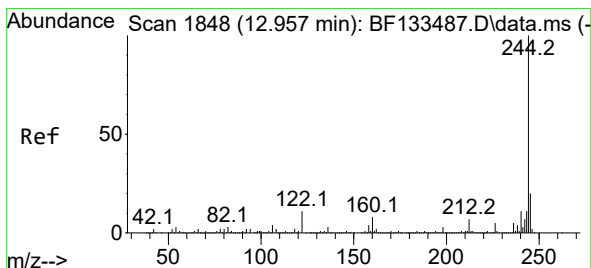
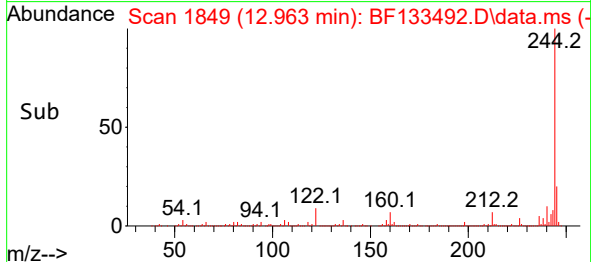
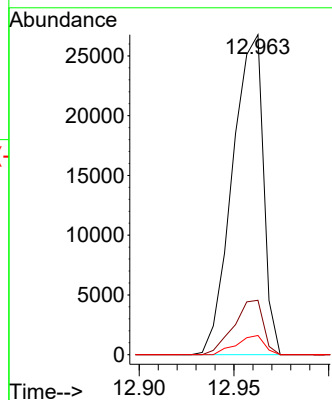
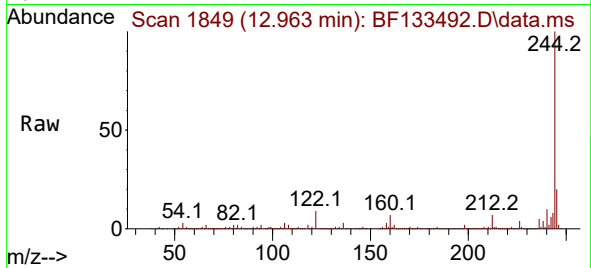




#77
Benzidine
Concen: 2.067 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.259 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

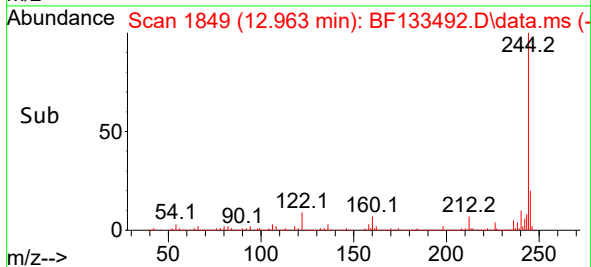
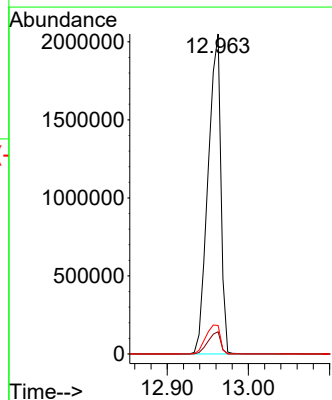
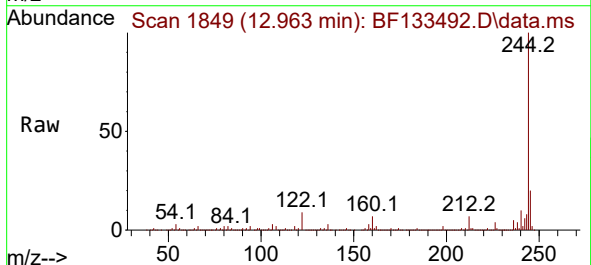
Instrument :
BNA_F
ClientSampleId :
PB153012BL

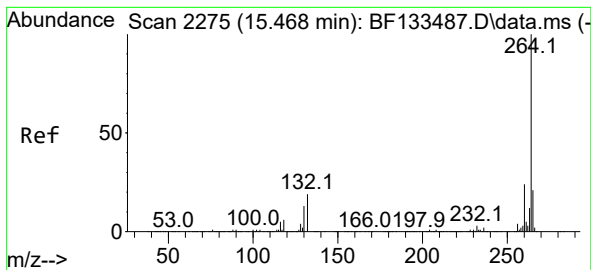
Tgt Ion:184 Resp: 30361
Ion Ratio Lower Upper
184 100
185 17.0 12.2 18.2
183 6.0 8.7 13.1#



#79
Terphenyl-d14
Concen: 78.836 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.006 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

Tgt Ion:244 Resp: 2226550
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 8.9 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133492.D

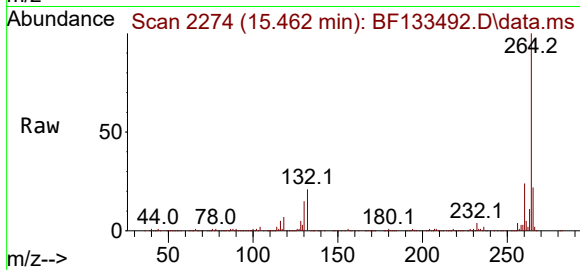
Acq: 25 May 2023 16:16

Instrument :

BNA_F

ClientSampleId :

PB153012BL



Tgt Ion:264 Resp: 522137

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

265 21.7 16.8 25.2

