

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052623\
 Data File : BF133501.D
 Acq On : 26 May 2023 13:37
 Operator : CG\JU
 Sample : PB153070BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153070BL

Quant Time: May 27 01:08:34 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)

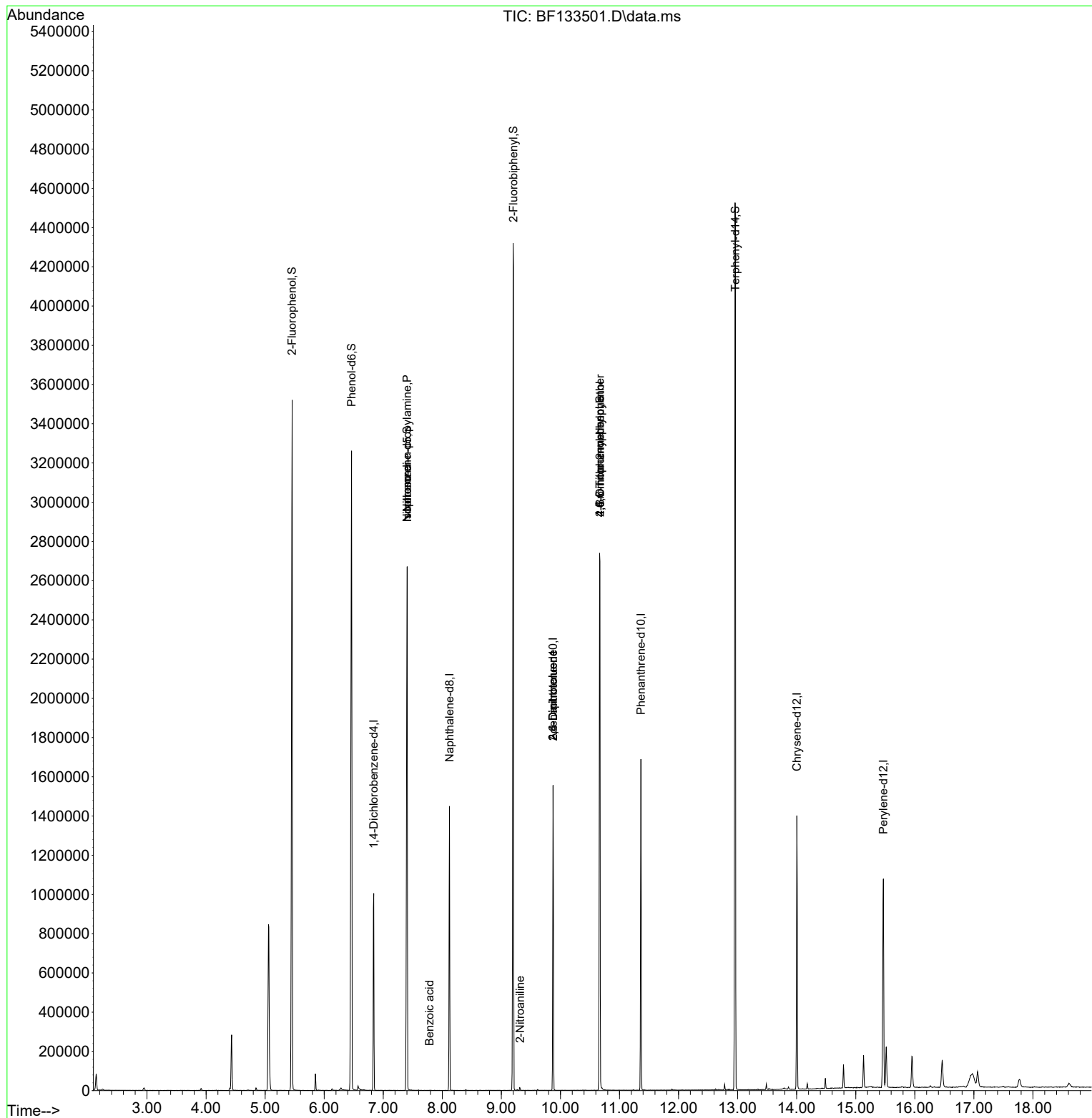
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	143036	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	555663	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	281260	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	566963	20.000	ng	0.00
76) Chrysene-d12	14.004	240	454240	20.000	ng	0.00
86) Perylene-d12	15.468	264	483792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1026263	119.710	ng	0.01
7) Phenol-d6	6.463	99	1261833	119.567	ng	0.00
23) Nitrobenzene-d5	7.404	82	822313	98.809	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	372528	132.873	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1449639	79.550	ng	0.00
79) Terphenyl-d14	12.962	244	1838262	71.953	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	141	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	115144	16.863	ng	# 80
25) Isophorone	7.404	82	822441	42.403	ng	# 65
32) Benzoic acid	7.786	122	437	7.417	ng	# 58
48) 2-Nitroaniline	9.316	65	151	4.017	ng	# 6
51) 2,6-Dinitrotoluene	9.874	165	35554	12.416	ng	# 17
57) 2,4-Dinitrotoluene	9.874	165	35554	11.614	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.669	198	723	8.967	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	22626	3.758	ng	# 1

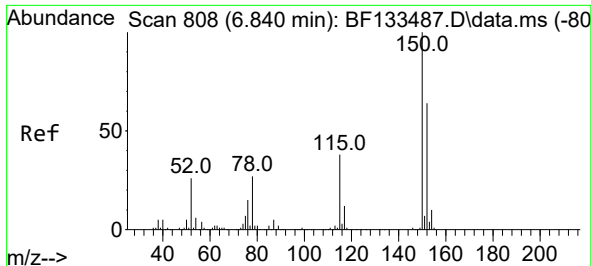
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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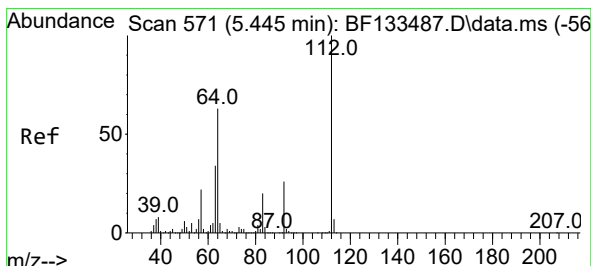
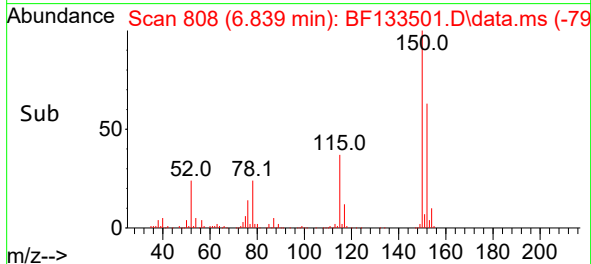
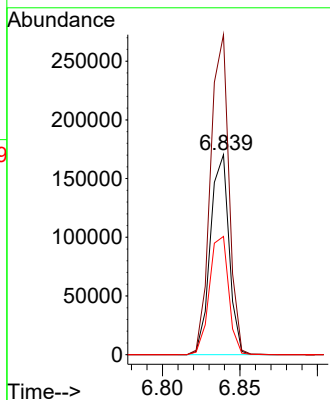
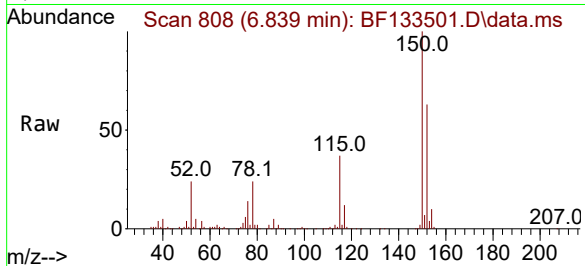




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF133501.D
Acq: 26 May 2023 13:37

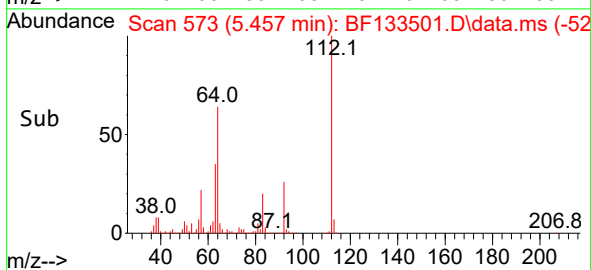
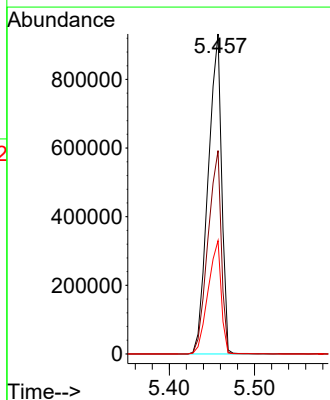
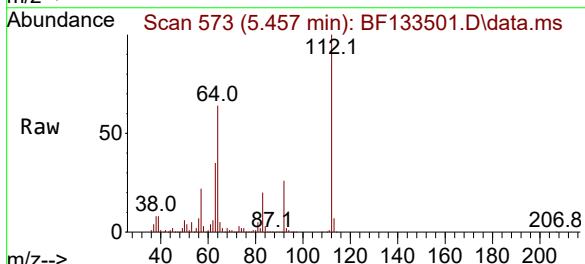
Instrument :
BNA_F
ClientSampleId :
PB153070BL

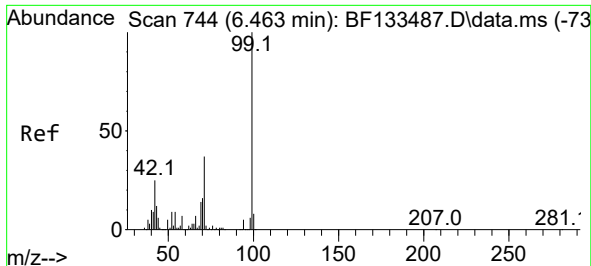
Tgt Ion:152 Resp: 143036
Ion Ratio Lower Upper
152 100
150 159.9 124.9 187.3
115 59.1 48.1 72.1



#5
2-Fluorophenol
Concen: 119.710 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133501.D
Acq: 26 May 2023 13:37

Tgt Ion:112 Resp: 1026263
Ion Ratio Lower Upper
112 100
64 63.5 50.1 75.1
63 35.4 27.5 41.3



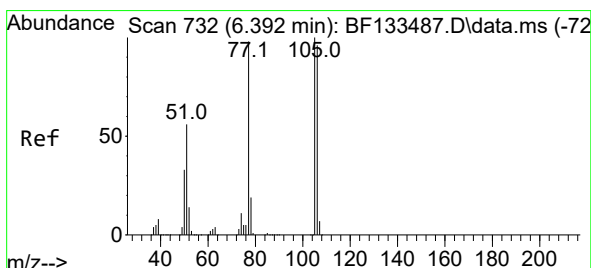
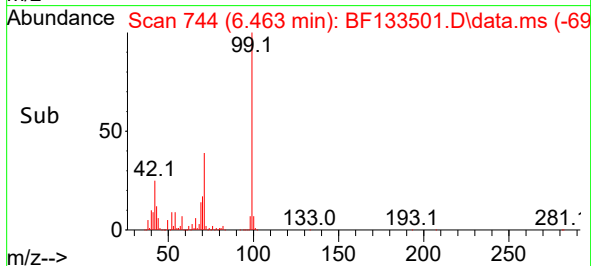
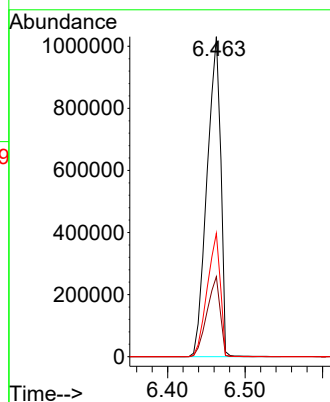
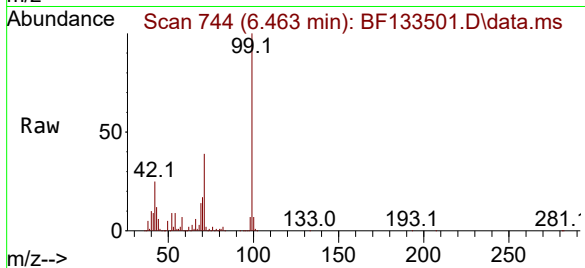


#7
Phenol-d6
Concen: 119.567 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133501.D
Acq: 26 May 2023 13:37

Instrument :
BNA_F
ClientSampleId :
PB153070BL

Tgt Ion: 99 Resp: 1261833

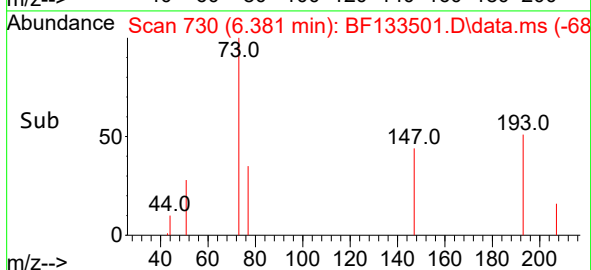
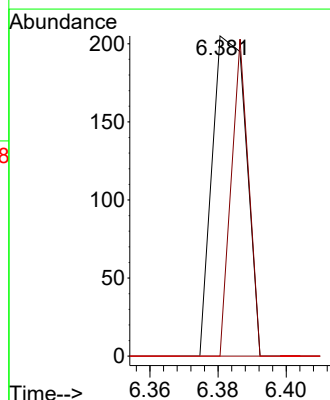
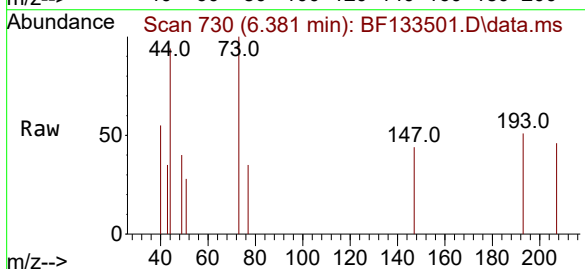
Ion	Ratio	Lower	Upper
99	100		
42	25.0	19.7	29.5
71	38.6	29.8	44.8

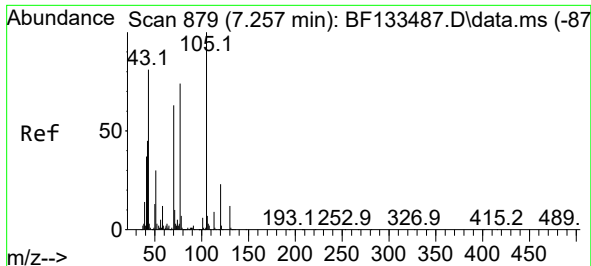


#9
Benzaldehyde
Concen: Below Cal
RT: 6.381 min Scan# 730
Delta R.T. -0.011 min
Lab File: BF133501.D
Acq: 26 May 2023 13:37

Tgt Ion: 77 Resp: 141

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.9	121.9#
106	0.0	77.8	117.8#

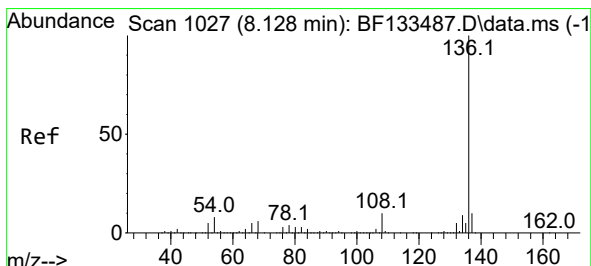
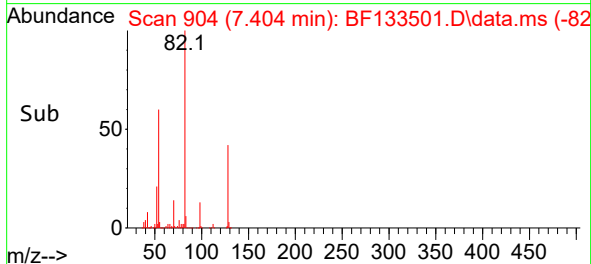
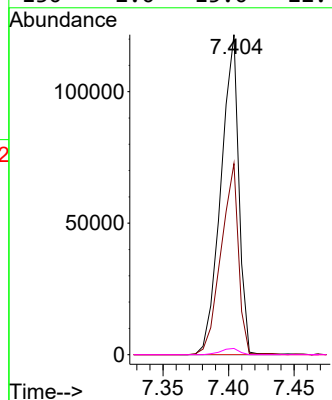
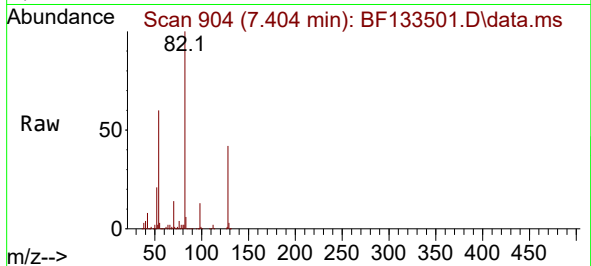




#19
n-Nitroso-di-n-propylamine
Concen: 16.863 ng
RT: 7.404 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF133501.D
Acq: 26 May 2023 13:37

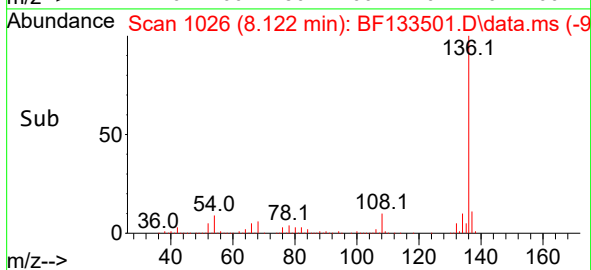
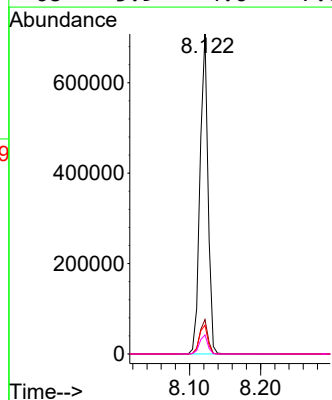
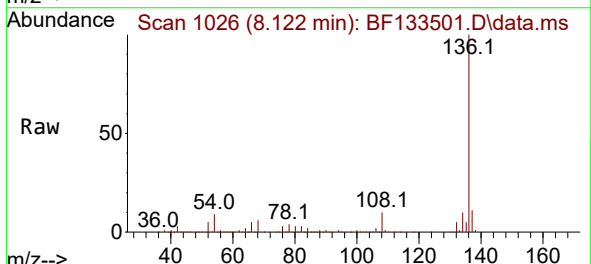
Instrument :
BNA_F
ClientSampleId :
PB153070BL

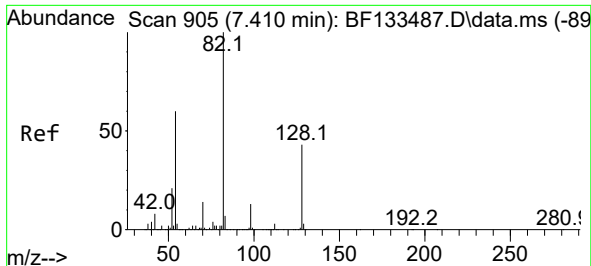
Tgt Ion: 70 Resp: 115144
Ion Ratio Lower Upper
70 100
42 59.7 57.2 85.8
101 0.0 7.3 10.9#
130 2.0 15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133501.D
Acq: 26 May 2023 13:37

Tgt Ion: 136 Resp: 555663
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.4
54 9.0 6.6 10.0
68 5.9 4.6 7.0





#23

Nitrobenzene-d5

Concen: 98.809 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF133501.D

Acq: 26 May 2023 13:37

Instrument :

BNA_F

ClientSampleId :

PB153070BL

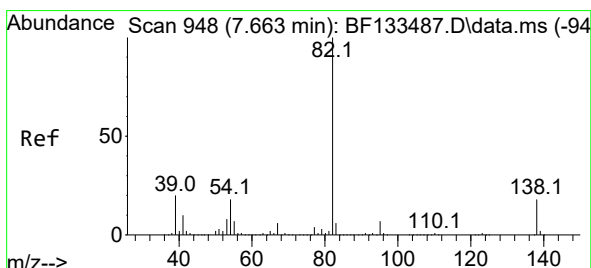
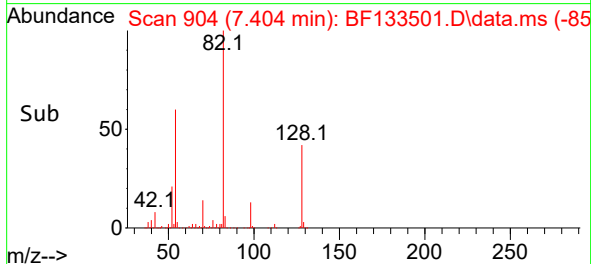
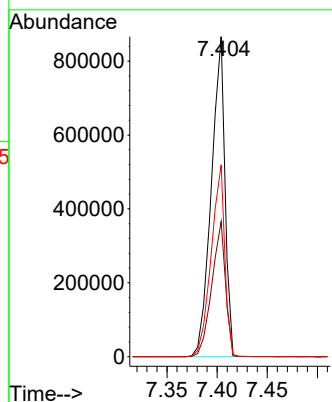
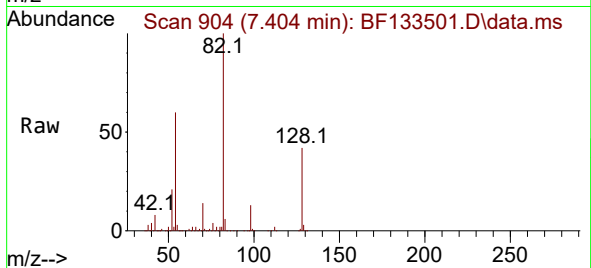
Tgt Ion: 82 Resp: 822313

Ion Ratio Lower Upper

82 100

128 42.3 34.2 51.4

54 59.9 48.2 72.4



#25

Isophorone

Concen: 42.403 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.259 min

Lab File: BF133501.D

Acq: 26 May 2023 13:37

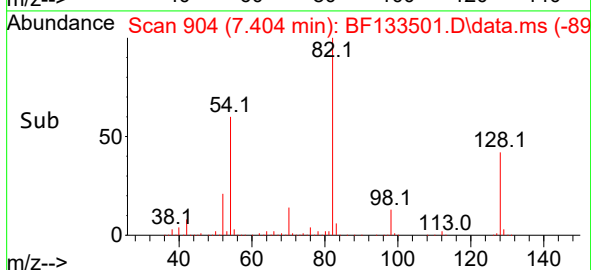
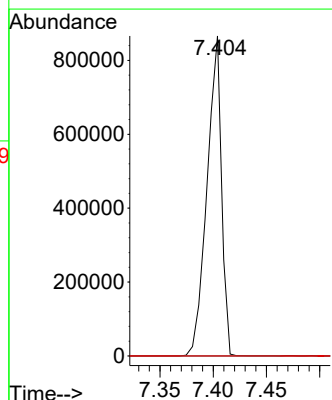
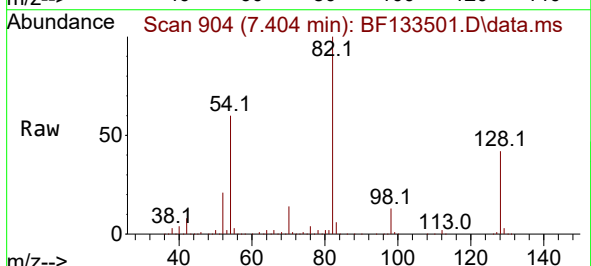
Tgt Ion: 82 Resp: 822441

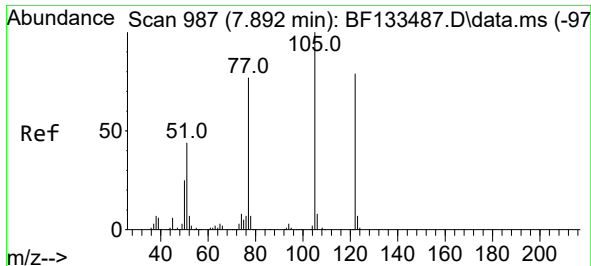
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.4#

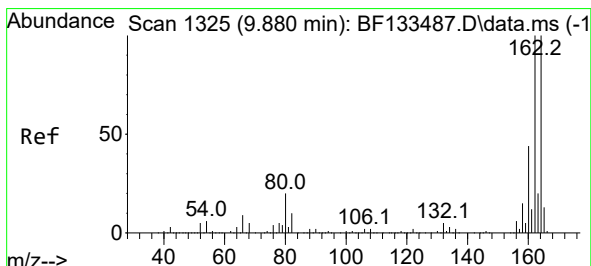
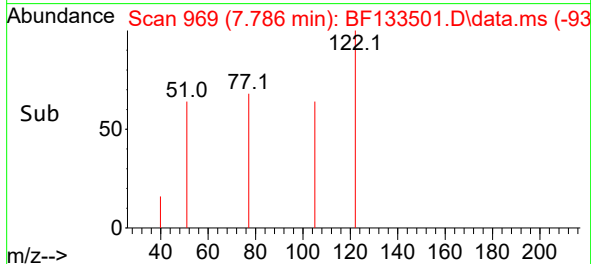
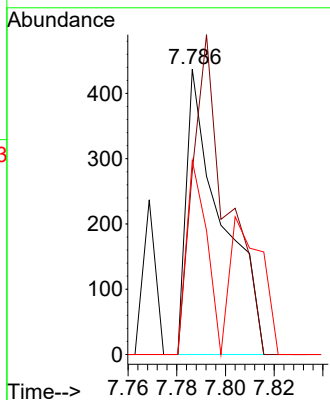
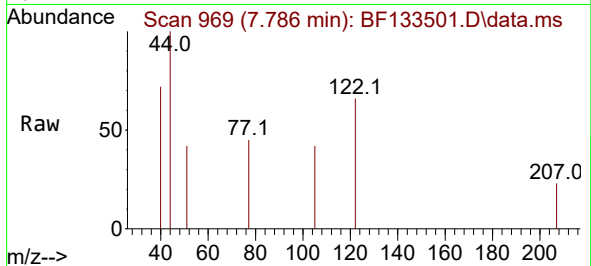




#32
Benzoic acid
Concen: 7.417 ng
RT: 7.786 min Scan# 90
Delta R.T. -0.106 min
Lab File: BF133501.D
Acq: 26 May 2023 13:37

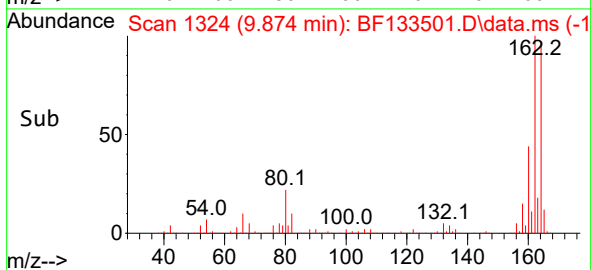
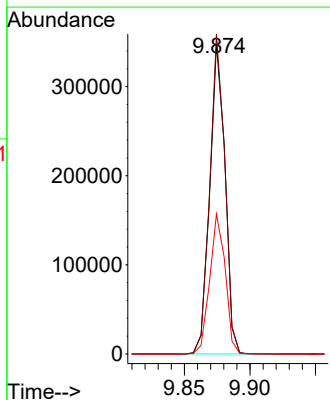
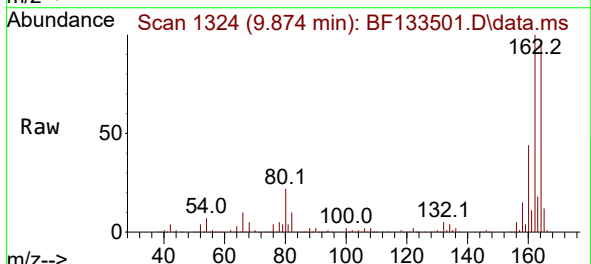
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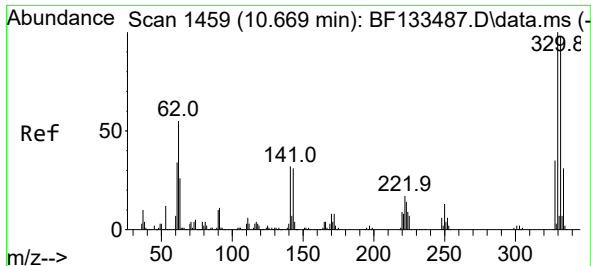
Tgt Ion:122 Resp: 437
Ion Ratio Lower Upper
122 100
105 64.3 103.3 143.3#
77 68.0 75.7 115.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF133501.D
Acq: 26 May 2023 13:37

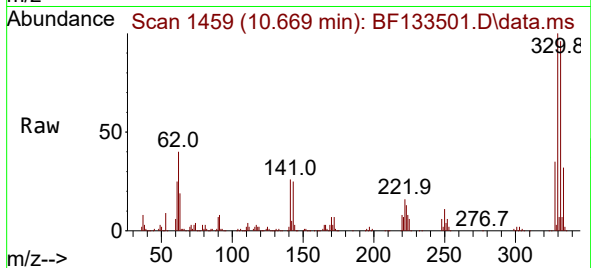
Tgt Ion:164 Resp: 281260
Ion Ratio Lower Upper
164 100
162 103.4 79.7 119.5
160 45.2 35.4 53.0



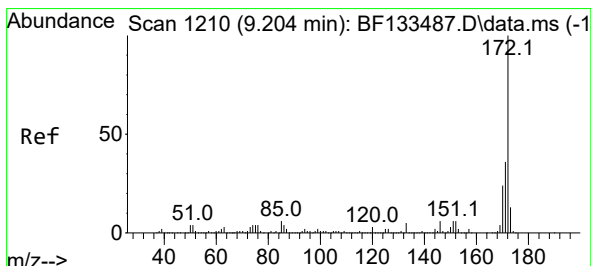
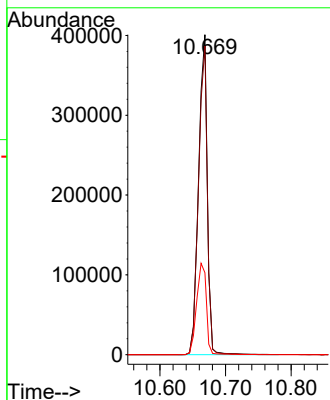
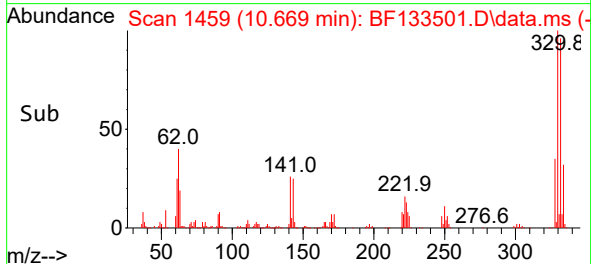


#42
2,4,6-Tribromophenol
Concen: 132.873 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF133501.D
Acq: 26 May 2023 13:37

Instrument :
BNA_F
ClientSampleId :
PB153070BL

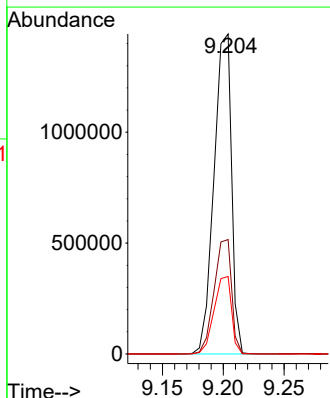
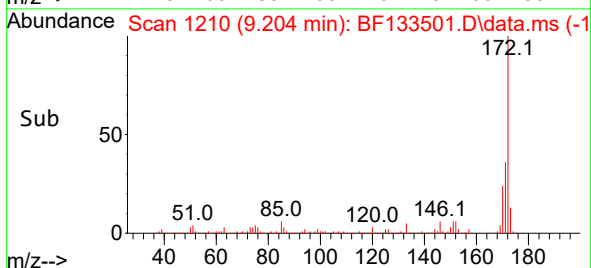
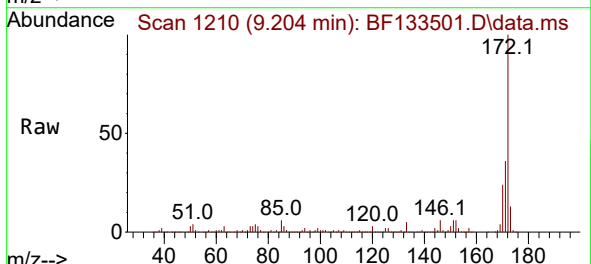


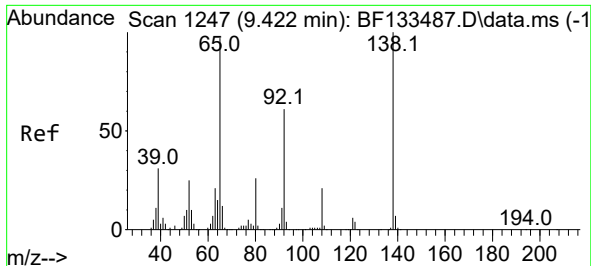
Tgt Ion:330 Resp: 372528
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.6
141 31.9 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 79.550 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF133501.D
Acq: 26 May 2023 13:37

Tgt Ion:172 Resp: 1449639
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.2 19.3 28.9

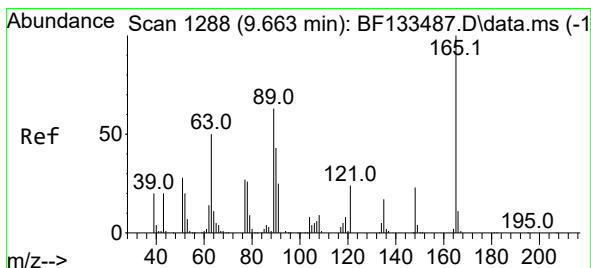
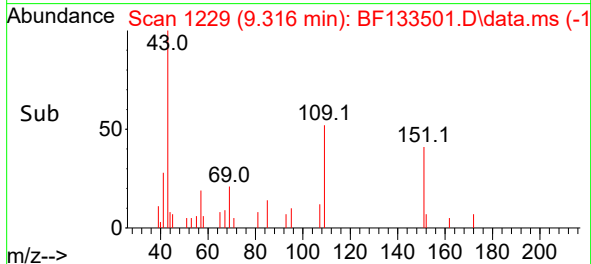
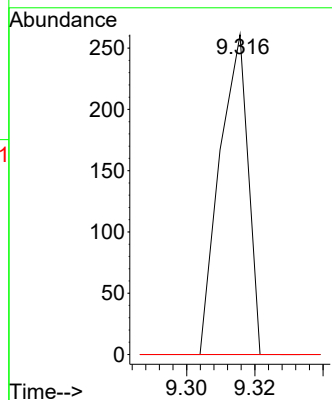
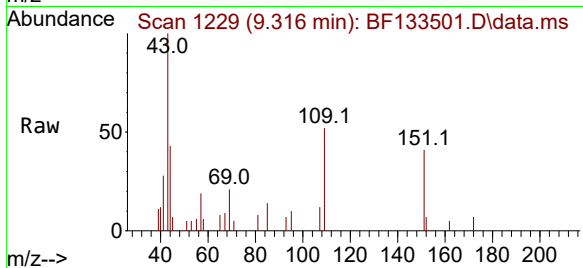




#48
2-Nitroaniline
Concen: 4.017 ng
RT: 9.316 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF133501.D
Acq: 26 May 2023 13:37

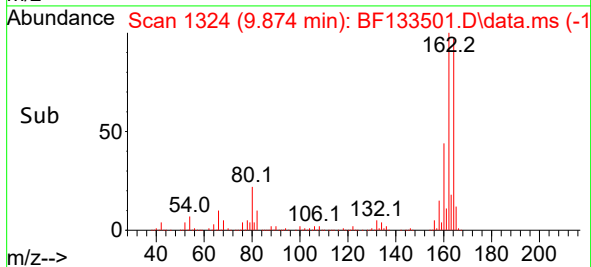
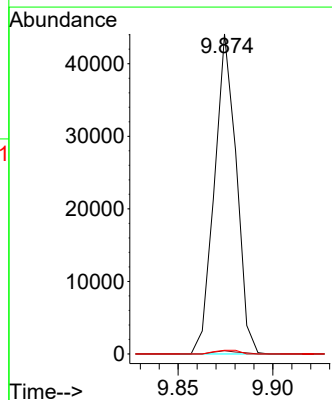
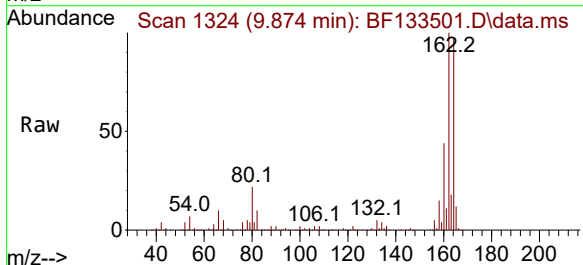
Instrument :
BNA_F
ClientSampleId :
PB153070BL

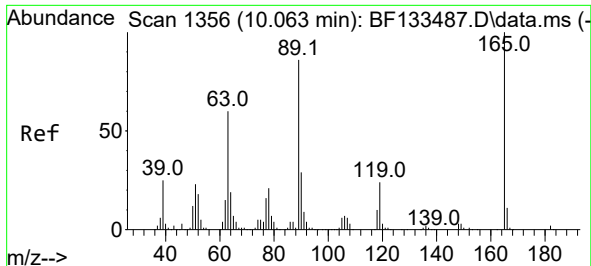
Tgt Ion: 65 Resp: 151
Ion Ratio Lower Upper
65 100
92 0.0 50.8 76.2#
138 0.0 82.6 124.0#



#51
2,6-Dinitrotoluene
Concen: 12.416 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.211 min
Lab File: BF133501.D
Acq: 26 May 2023 13:37

Tgt Ion: 165 Resp: 35554
Ion Ratio Lower Upper
165 100
63 1.0 57.0 85.4#
89 1.2 50.8 76.2#

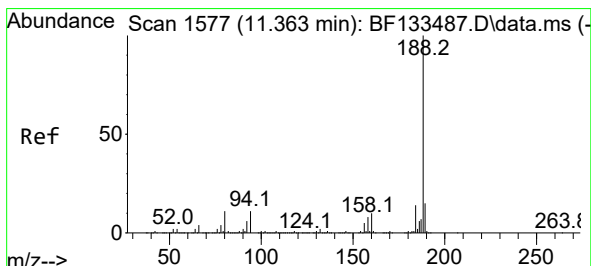
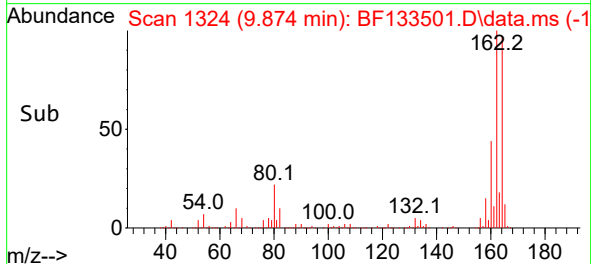
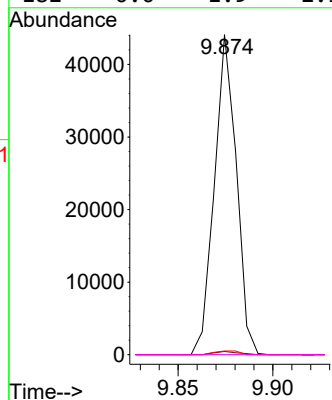
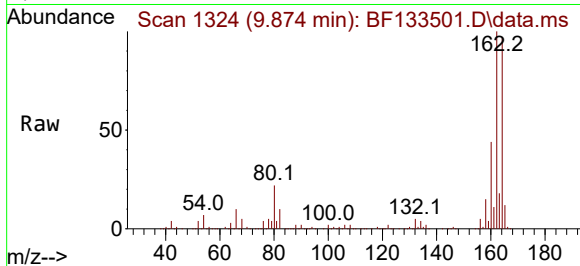




#57
2,4-Dinitrotoluene
Concen: 11.614 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF133501.D
Acq: 26 May 2023 13:37

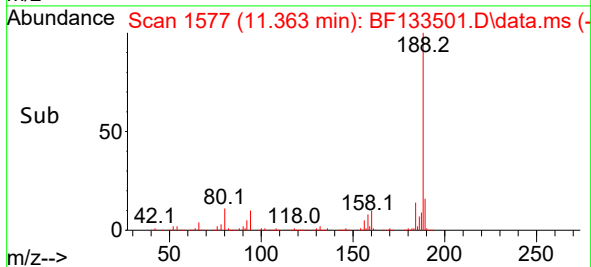
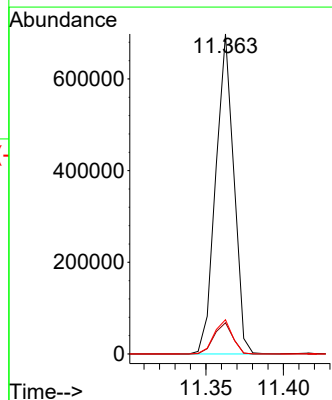
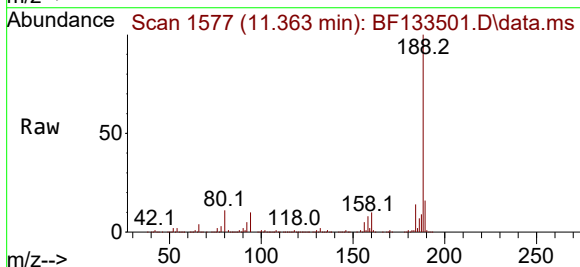
Instrument :
BNA_F
ClientSampleId :
PB153070BL

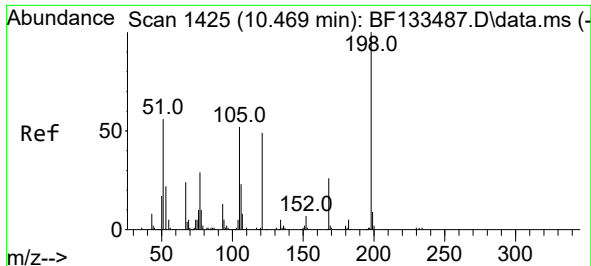
Tgt Ion:165 Resp: 35554
Ion Ratio Lower Upper
165 100
63 1.0 48.1 72.1#
89 1.2 68.4 102.6#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF133501.D
Acq: 26 May 2023 13:37

Tgt Ion:188 Resp: 566963
Ion Ratio Lower Upper
188 100
94 9.7 8.6 12.8
80 10.7 9.2 13.8

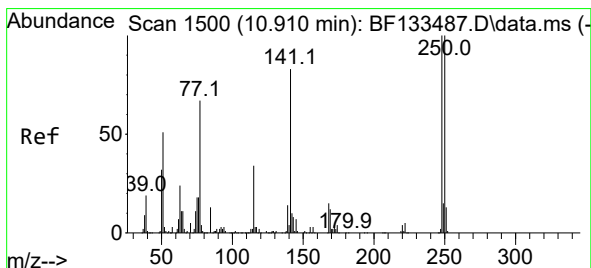
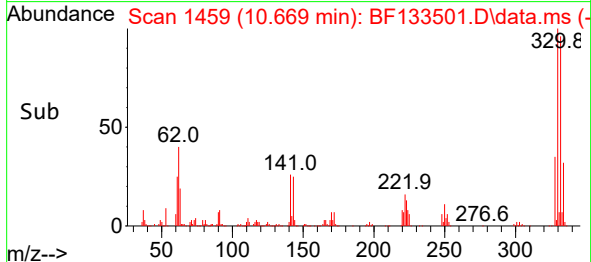
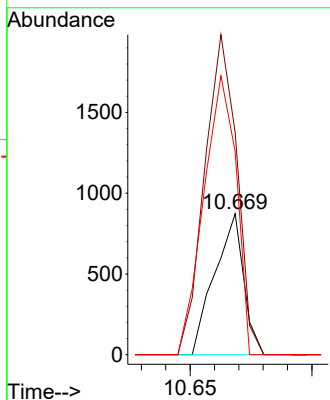
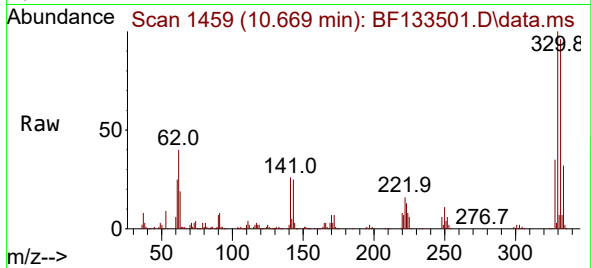




#65
4,6-Dinitro-2-methylphenol
Concen: 8.967 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.200 min
Lab File: BF133501.D
Acq: 26 May 2023 13:37

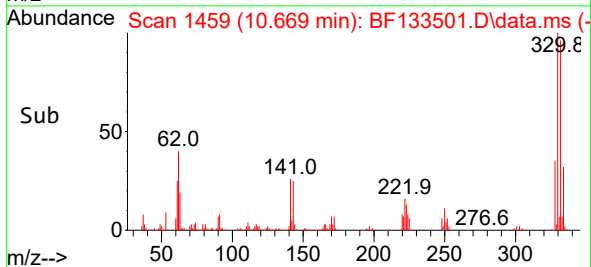
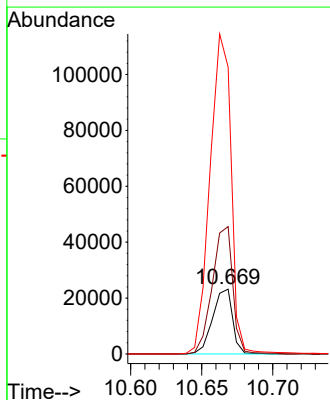
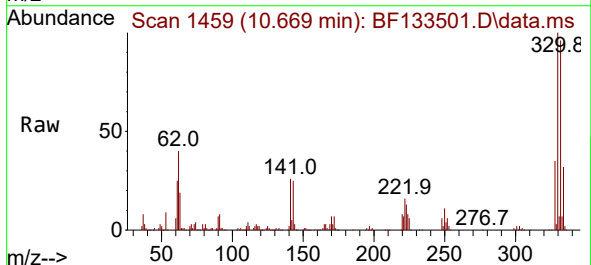
Instrument :
BNA_F
ClientSampleId :
PB153070BL

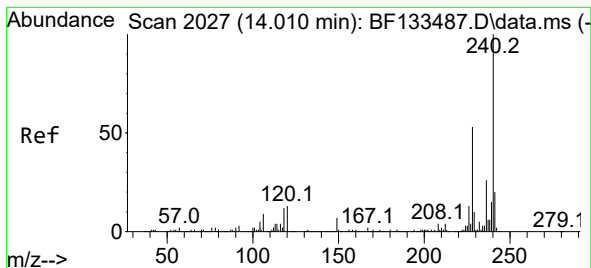
Tgt Ion:198 Resp: 723
Ion Ratio Lower Upper
198 100
51 157.6 53.6 93.6#
105 144.0 35.9 75.9#



#67
4-Bromophenyl-phenylether
Concen: 3.758 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF133501.D
Acq: 26 May 2023 13:37

Tgt Ion:248 Resp: 22626
Ion Ratio Lower Upper
248 100
250 196.7 79.7 119.5#
141 442.7 66.6 100.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133501.D

Acq: 26 May 2023 13:37

Instrument :

BNA_F

ClientSampleId :

PB153070BL

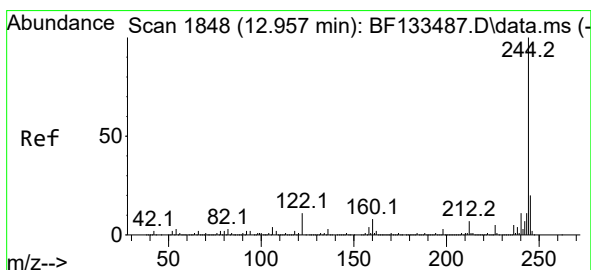
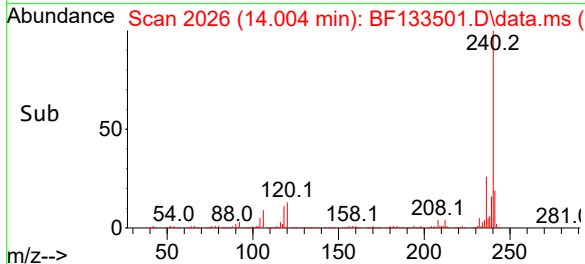
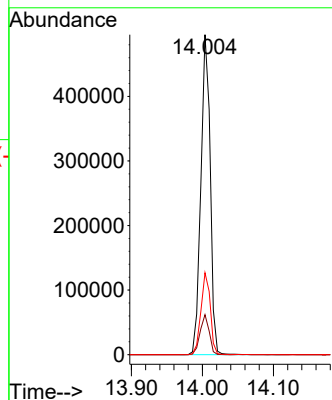
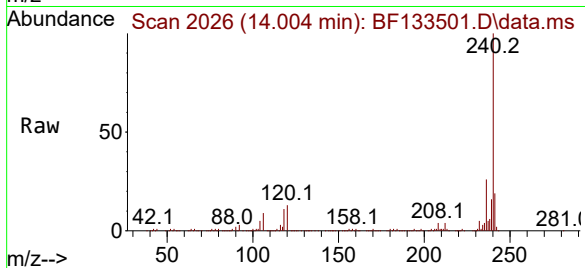
Tgt Ion:240 Resp: 454240

Ion Ratio Lower Upper

240 100

120 12.5 10.3 15.5

236 25.6 20.5 30.7



#79

Terphenyl-d14

Concen: 71.953 ng

RT: 12.962 min Scan# 1849

Delta R.T. 0.006 min

Lab File: BF133501.D

Acq: 26 May 2023 13:37

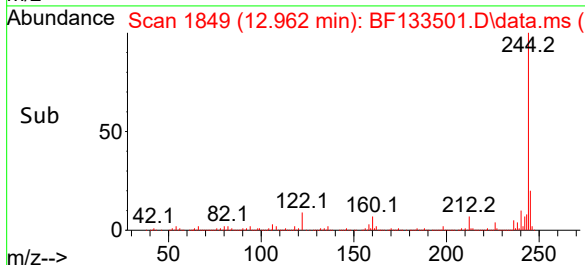
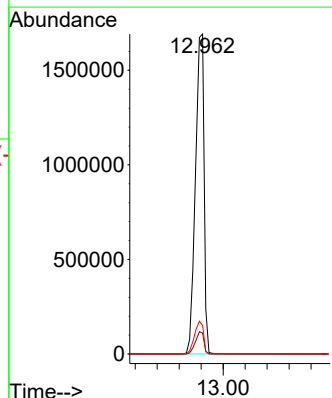
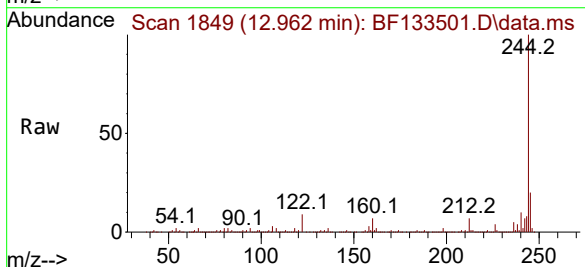
Tgt Ion:244 Resp: 1838262

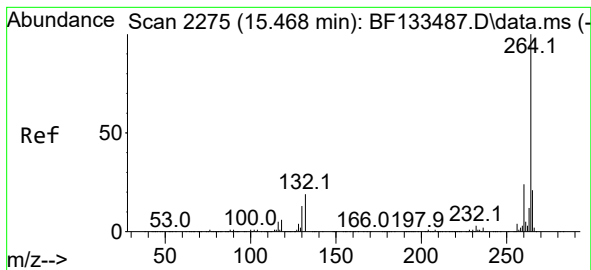
Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

122 8.9 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133501.D

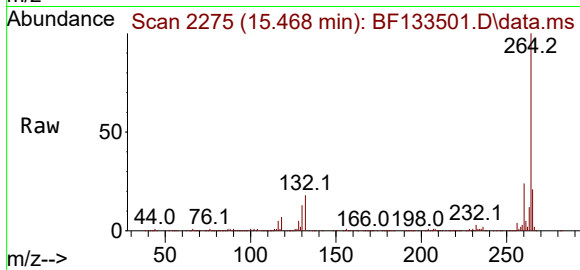
Acq: 26 May 2023 13:37

Instrument :

BNA_F

ClientSampleId :

PB153070BL



Tgt Ion:264 Resp: 483792

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 21.0 16.8 25.2

