

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
 Data File : BF133606.D
 Acq On : 07 Jun 2023 00:36
 Operator : CG\JU
 Sample : PB153188BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153188BL

Quant Time: Jun 07 04:28:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 14:05:12 2023
 Response via : Initial Calibration

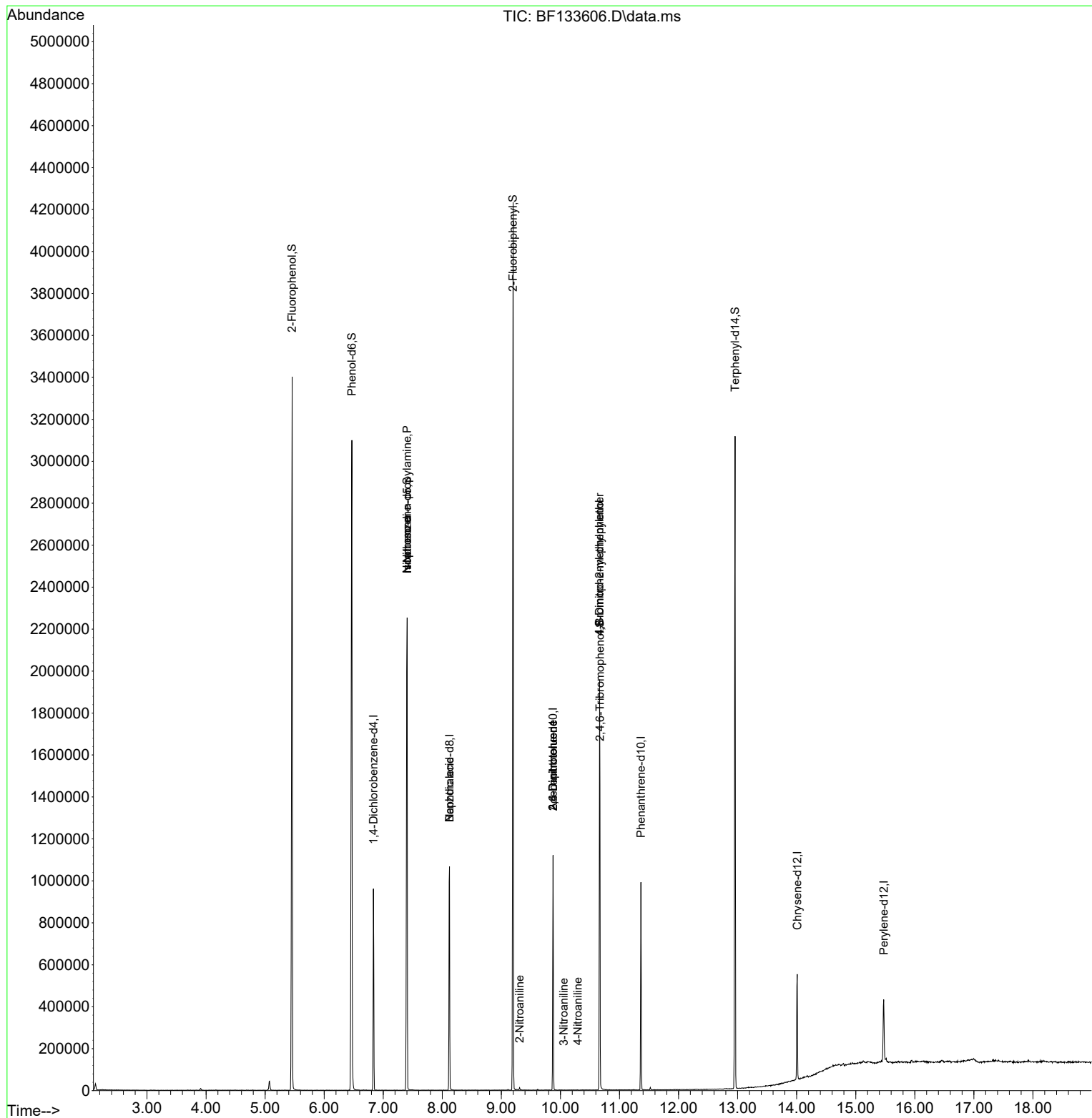
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	127655	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	457949	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	192958	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	321703	20.000	ng	0.00
76) Chrysene-d12	14.010	240	165211	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	141855	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	947995	123.904	ng	0.01
7) Phenol-d6	6.469	99	1127187	119.678	ng	0.00
23) Nitrobenzene-d5	7.404	82	703933	102.633	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	227229	118.137	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1227084	98.152	ng	0.00
79) Terphenyl-d14	12.957	244	1043362	112.286	ng	0.00
Target Compounds						
9) Benzaldehyde	6.463	77	1905	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.404	70	98101	16.098	ng	# 74
25) Isophorone	7.404	82	703920	44.036	ng	# 65
32) Benzoic acid	8.122	122	85	7.365	ng	# 1
48) 2-Nitroaniline	9.310	65	131	4.024	ng	# 6
51) 2,6-Dinitrotoluene	9.875	165	24547	12.472	ng	# 18
53) 3-Nitroaniline	10.057	138	56	3.196	ng	# 1
57) 2,4-Dinitrotoluene	9.875	165	24547	11.658	ng	# 15
62) 4-Nitroaniline	10.292	138	135	3.024	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.663	198	496	9.020	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	13633	3.990	ng	# 1

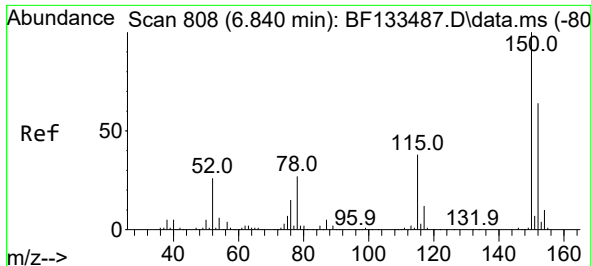
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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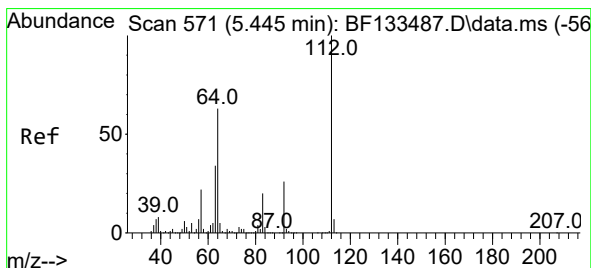
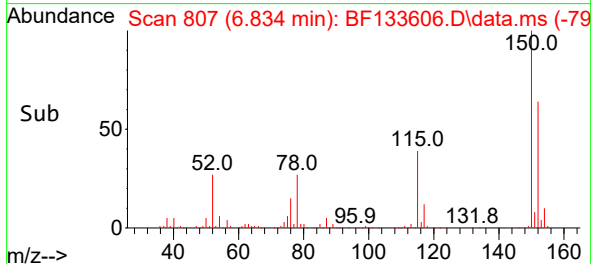
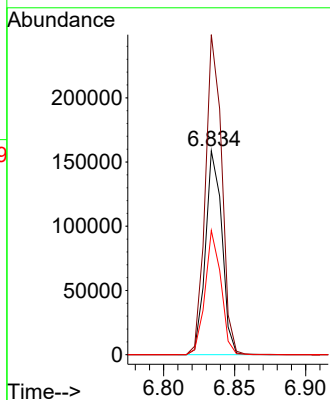
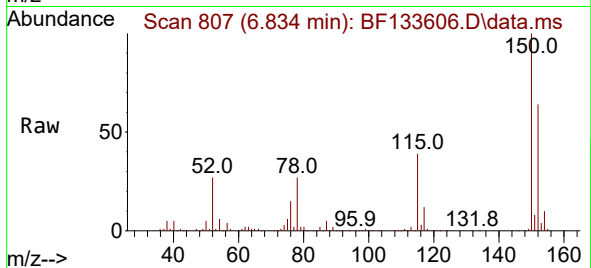




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133606.D
Acq: 07 Jun 2023 00:36

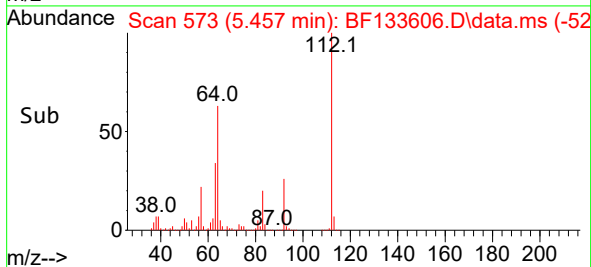
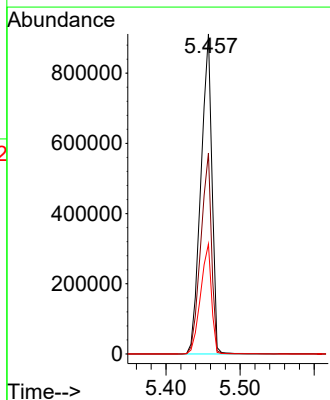
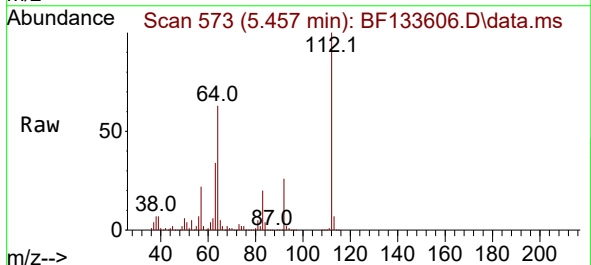
Instrument :
BNA_F
ClientSampleId :
PB153188BL

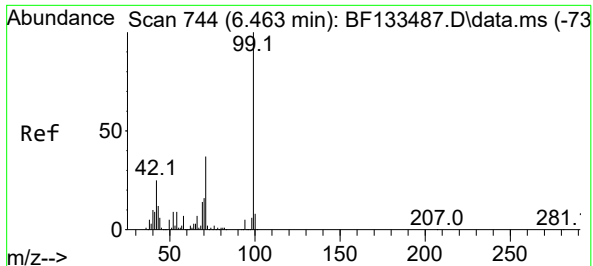
Tgt Ion:152 Resp: 127655
Ion Ratio Lower Upper
152 100
150 157.0 124.9 187.3
115 60.9 48.1 72.1



#5
2-Fluorophenol
Concen: 123.904 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133606.D
Acq: 07 Jun 2023 00:36

Tgt Ion:112 Resp: 947995
Ion Ratio Lower Upper
112 100
64 62.8 50.1 75.1
63 34.3 27.5 41.3

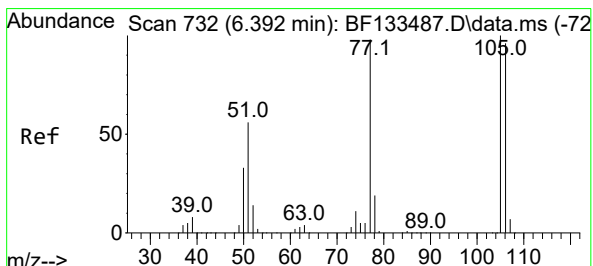
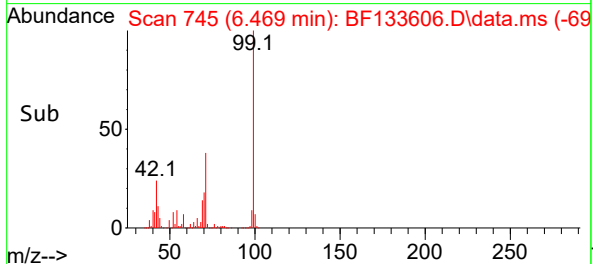
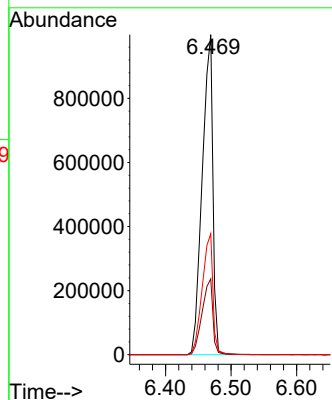
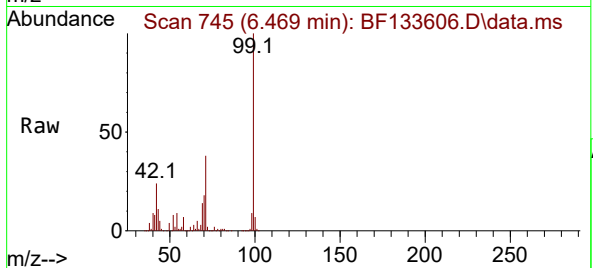




#7
Phenol-d6
Concen: 119.678 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF133606.D
Acq: 07 Jun 2023 00:36

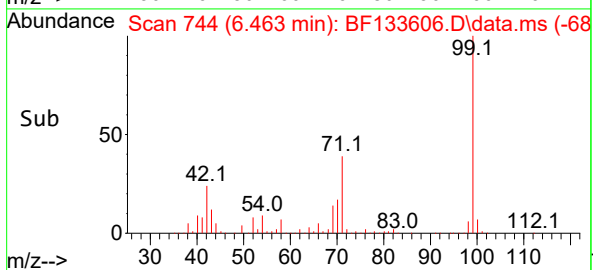
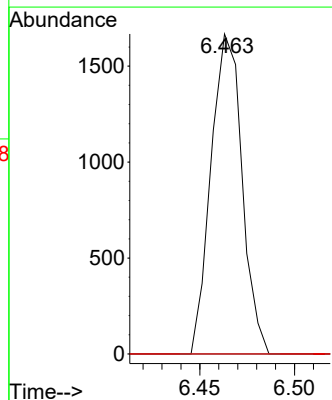
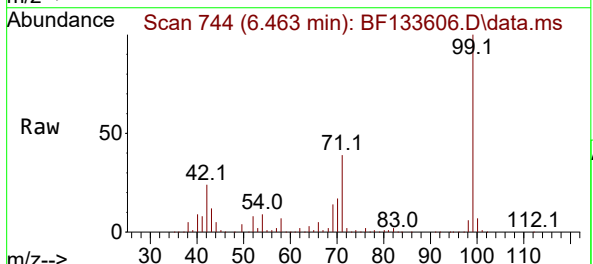
Instrument :
BNA_F
ClientSampleId :
PB153188BL

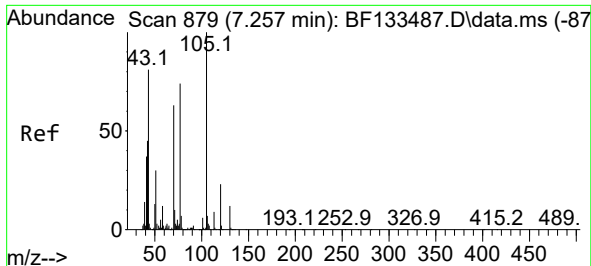
Tgt Ion: 99 Resp: 1127187
Ion Ratio Lower Upper
99 100
42 23.7 19.7 29.5
71 37.8 29.8 44.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.463 min Scan# 744
Delta R.T. 0.077 min
Lab File: BF133606.D
Acq: 07 Jun 2023 00:36

Tgt Ion: 77 Resp: 1905
Ion Ratio Lower Upper
77 100
105 0.0 81.9 121.9#
106 0.0 77.8 117.8#

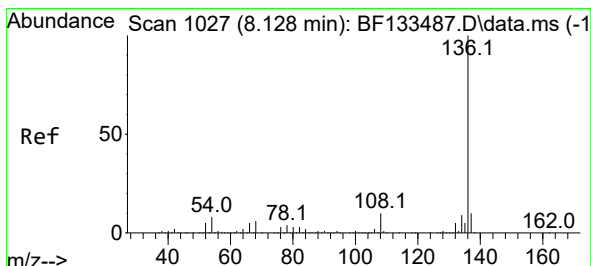
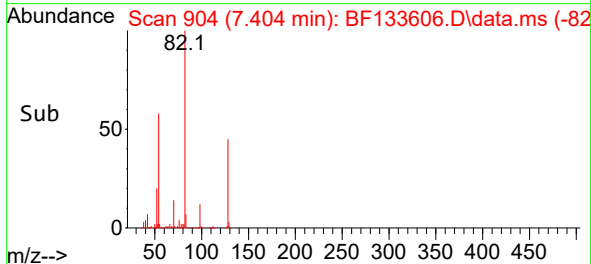
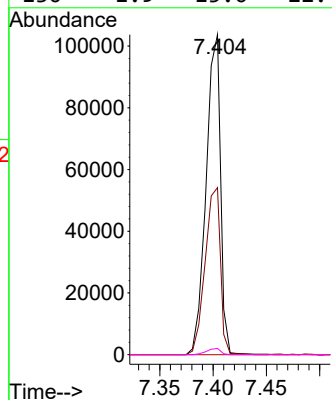
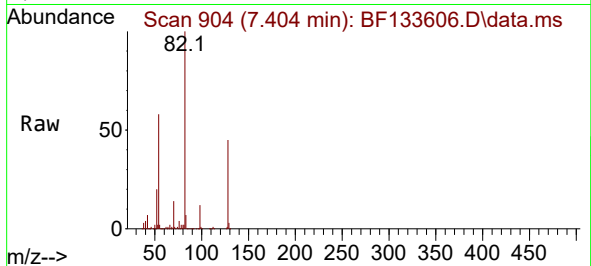




#19
n-Nitroso-di-n-propylamine
Concen: 16.098 ng
RT: 7.404 min Scan# 90
Delta R.T. 0.153 min
Lab File: BF133606.D
Acq: 07 Jun 2023 00:36

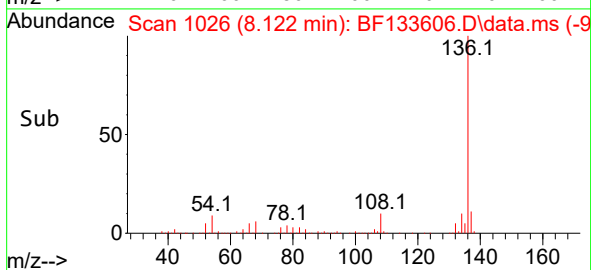
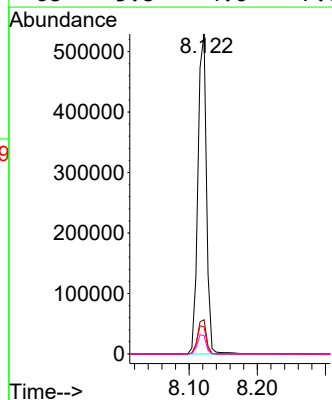
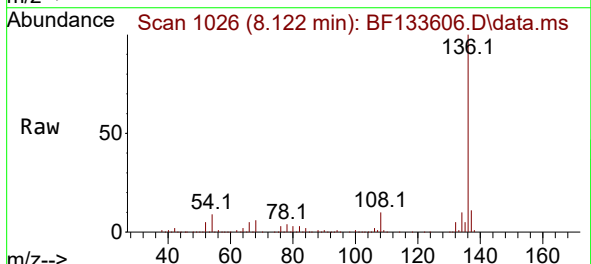
Instrument :
BNA_F
ClientSampleId :
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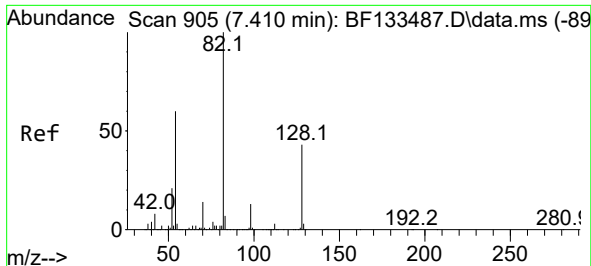
Tgt Ion: 70	Resp:	98101
Ion Ratio	Lower	Upper
70	100	
42	52.2	57.2 85.8#
101	0.0	7.3 10.9#
130	1.9	15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133606.D
Acq: 07 Jun 2023 00:36

Tgt Ion: 136	Resp:	457949
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.2 12.4
54	8.5	6.6 10.0
68	5.8	4.6 7.0





#23

Nitrobenzene-d5

Concen: 102.633 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF133606.D

Acq: 07 Jun 2023 00:36

Instrument :

BNA_F

ClientSampleId :

PB153188BL

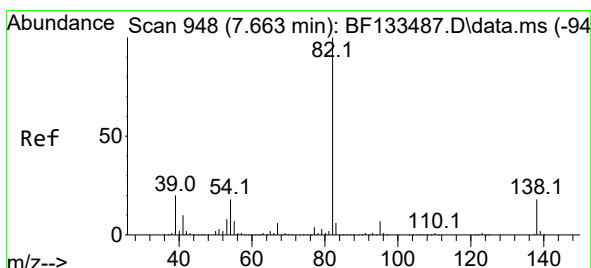
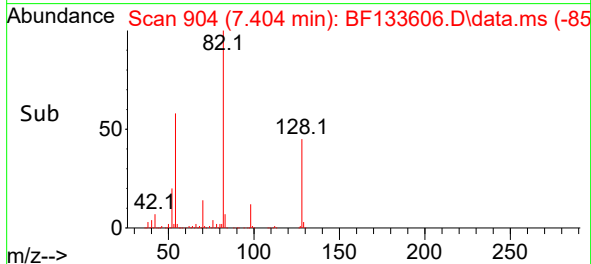
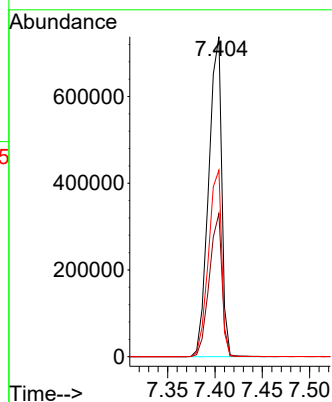
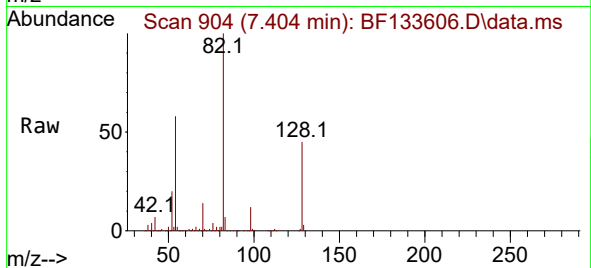
Tgt Ion: 82 Resp: 703933

Ion Ratio Lower Upper

82 100

128 44.8 34.2 51.4

54 58.3 48.2 72.4



#25

Isophorone

Concen: 44.036 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.253 min

Lab File: BF133606.D

Acq: 07 Jun 2023 00:36

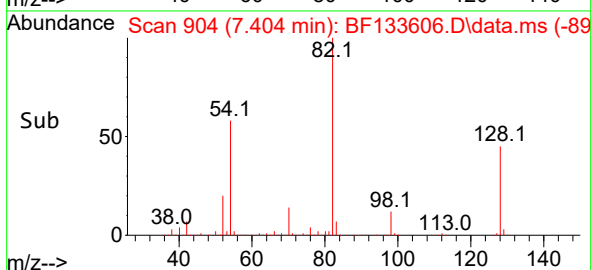
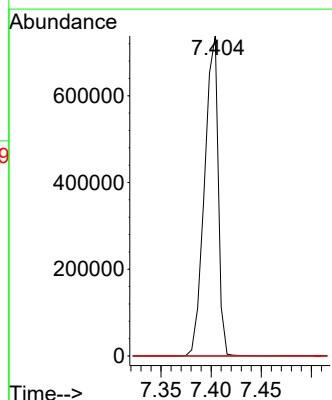
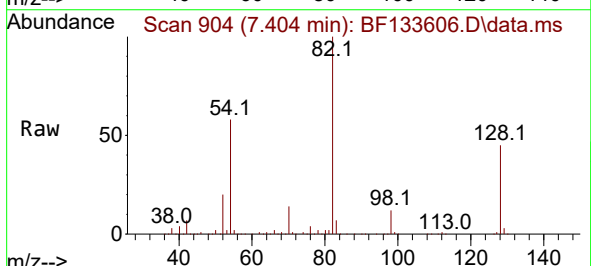
Tgt Ion: 82 Resp: 703920

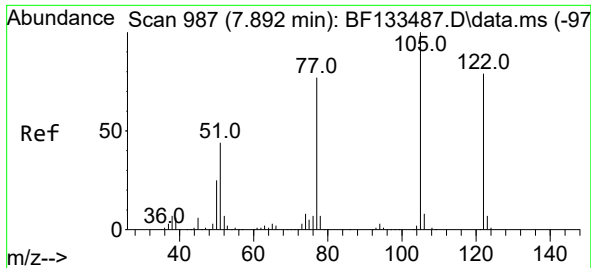
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.4#

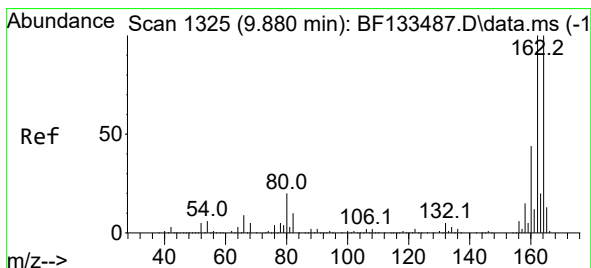
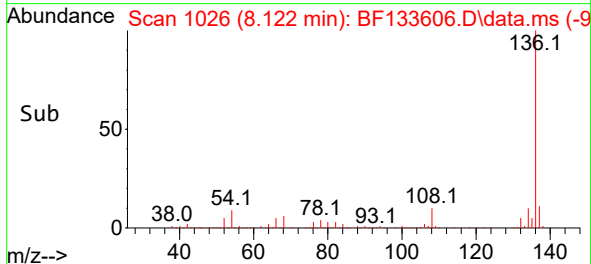
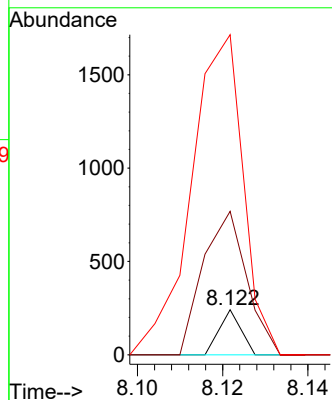
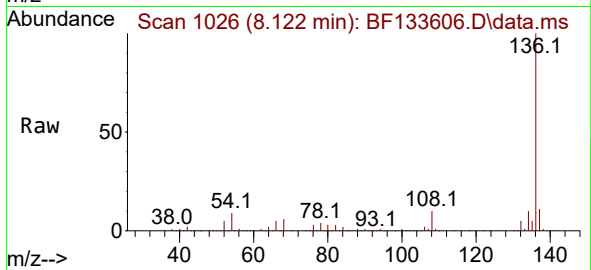




#32
Benzoic acid
Concen: 7.365 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.235 min
Lab File: BF133606.D
Acq: 07 Jun 2023 00:36

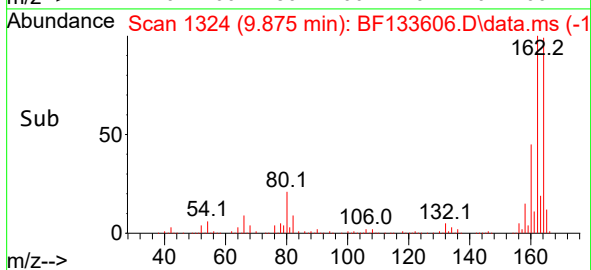
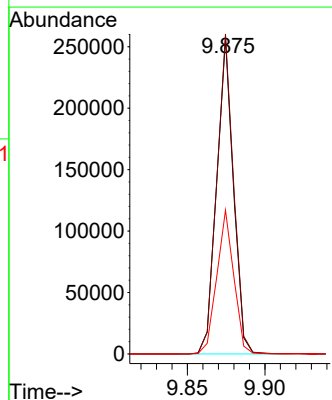
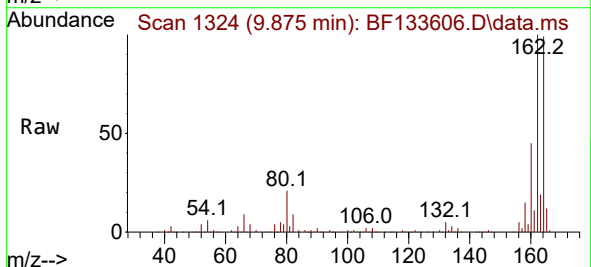
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PB153188BL

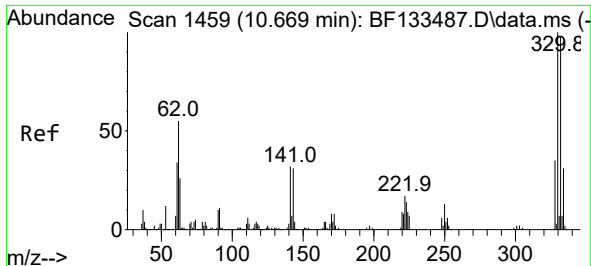
Tgt Ion:122 Resp: 85
Ion Ratio Lower Upper
122 100
105 319.1 103.3 143.3#
77 711.6 75.7 115.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF133606.D
Acq: 07 Jun 2023 00:36

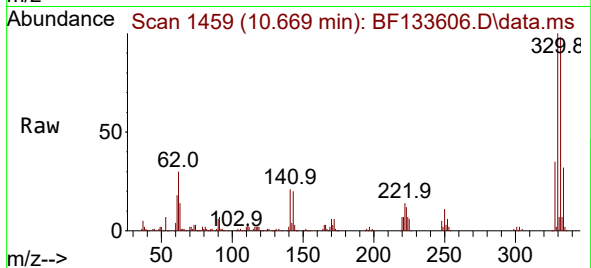
Tgt Ion:164 Resp: 192958
Ion Ratio Lower Upper
164 100
162 101.2 79.7 119.5
160 45.5 35.4 53.0



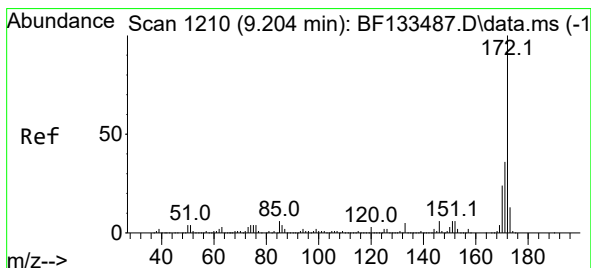
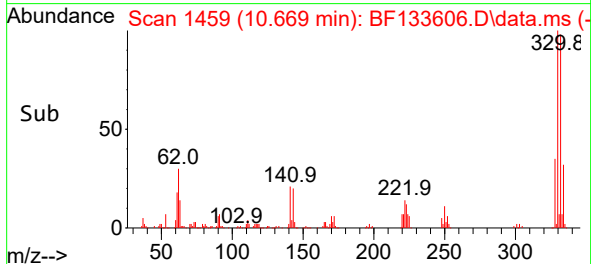
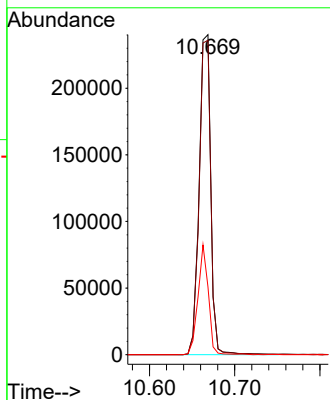


#42
2,4,6-Tribromophenol
Concen: 118.137 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF133606.D
Acq: 07 Jun 2023 00:36

Instrument :
BNA_F
ClientSampleId :
PB153188BL

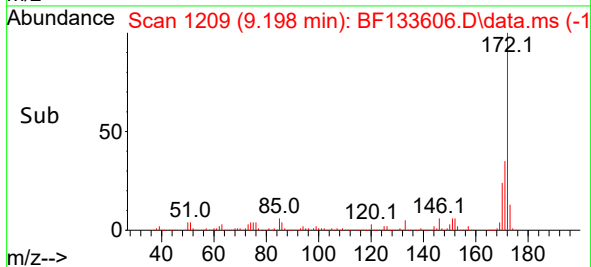
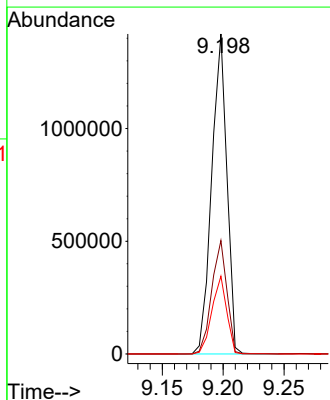
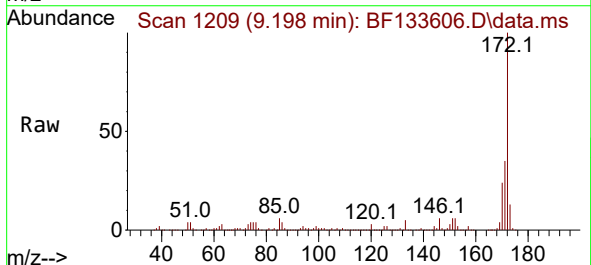


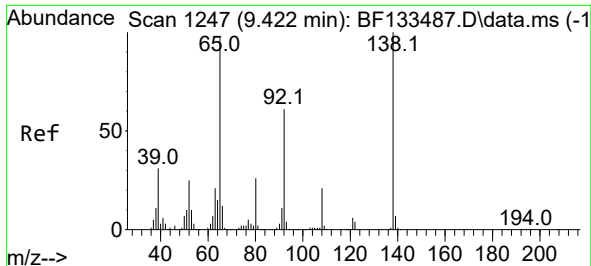
Tgt Ion:330 Resp: 227229
Ion Ratio Lower Upper
330 100
332 98.3 77.8 116.6
141 30.7 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 98.152 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF133606.D
Acq: 07 Jun 2023 00:36

Tgt Ion:172 Resp: 1227084
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.3 19.3 28.9

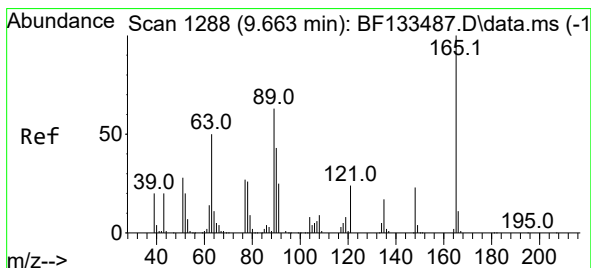
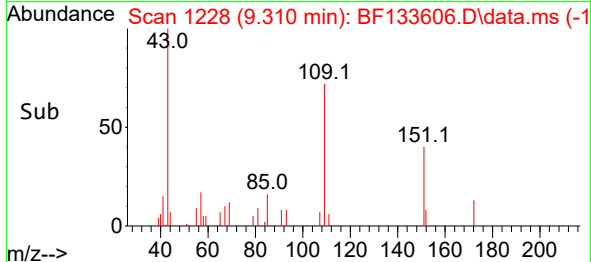
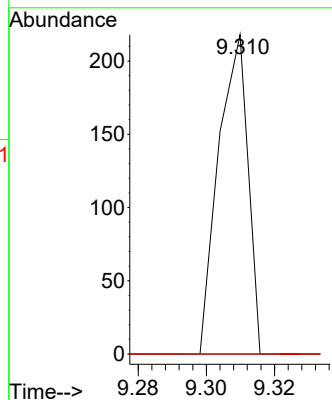
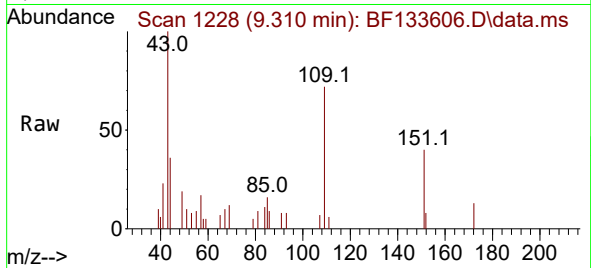




#48
2-Nitroaniline
Concen: 4.024 ng
RT: 9.310 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF133606.D
Acq: 07 Jun 2023 00:36

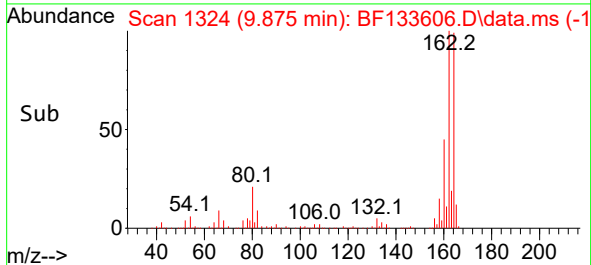
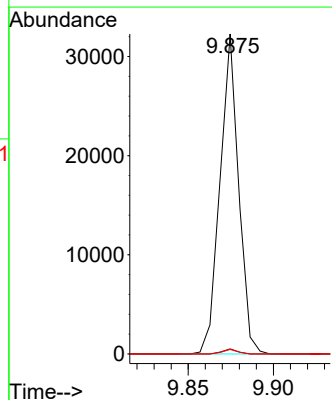
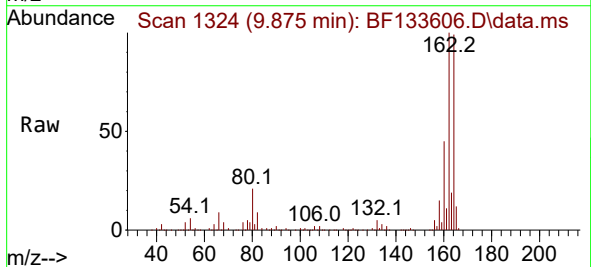
Instrument :
BNA_F
ClientSampleId :
PB153188BL

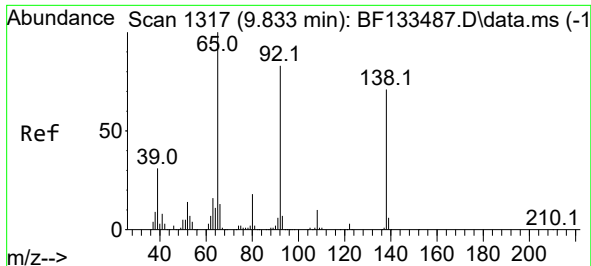
Tgt Ion: 65 Resp: 131
Ion Ratio Lower Upper
65 100
92 0.0 50.8 76.2#
138 0.0 82.6 124.0#



#51
2,6-Dinitrotoluene
Concen: 12.472 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF133606.D
Acq: 07 Jun 2023 00:36

Tgt Ion: 165 Resp: 24547
Ion Ratio Lower Upper
165 100
63 1.6 57.0 85.4#
89 1.4 50.8 76.2#

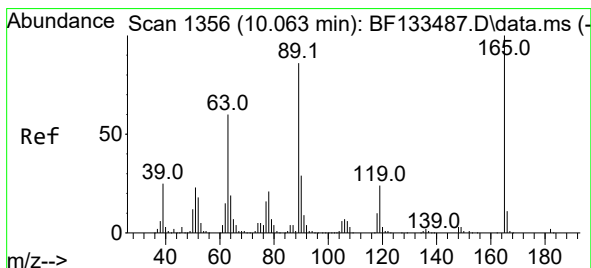
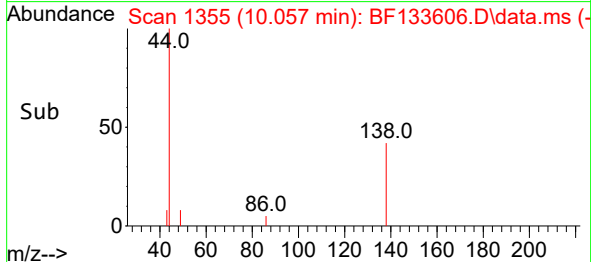
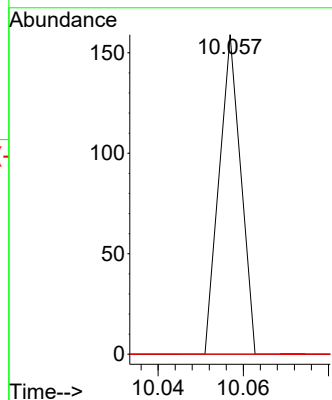
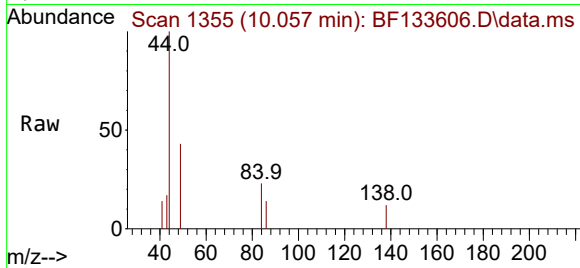




#53
3-Nitroaniline
Concen: 3.196 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.224 min
Lab File: BF133606.D
Acq: 07 Jun 2023 00:36

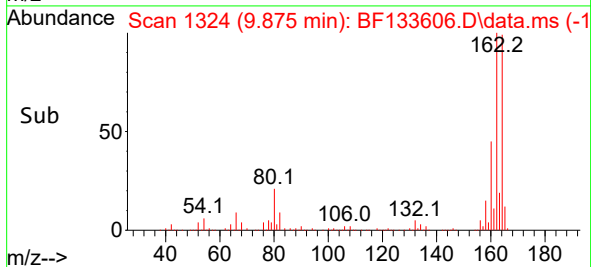
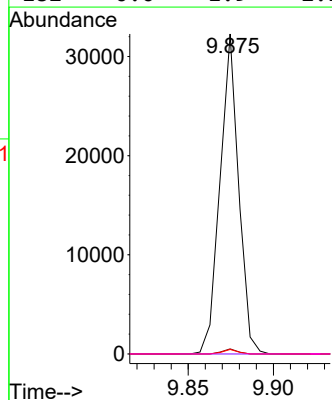
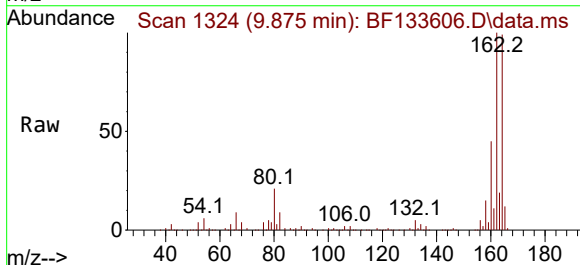
Instrument :
BNA_F
ClientSampleId :
PB153188BL

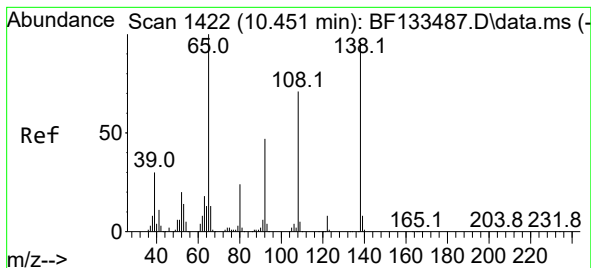
Tgt Ion:138 Resp: 56
Ion Ratio Lower Upper
138 100
108 0.0 11.9 17.9#
92 0.0 93.1 139.7#



#57
2,4-Dinitrotoluene
Concen: 11.658 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF133606.D
Acq: 07 Jun 2023 00:36

Tgt Ion:165 Resp: 24547
Ion Ratio Lower Upper
165 100
63 1.6 48.1 72.1#
89 1.4 68.4 102.6#
182 0.0 1.9 2.9#

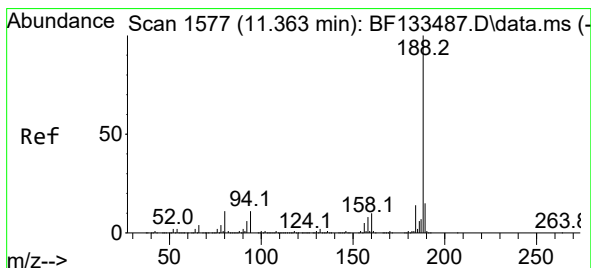
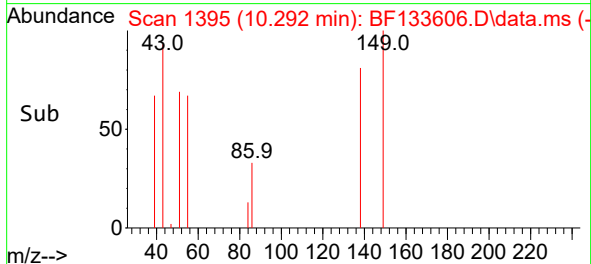
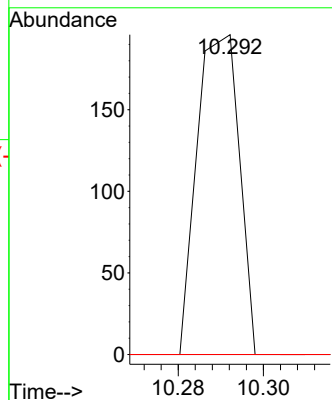
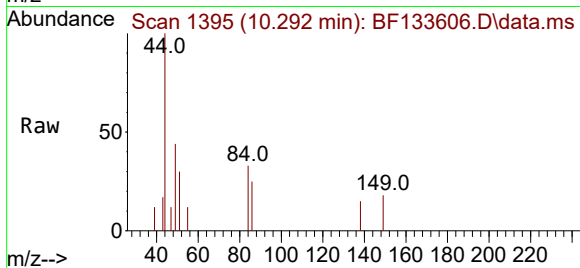




#62
4-Nitroaniline
Concen: 3.024 ng
RT: 10.292 min Scan# 11
Delta R.T. -0.153 min
Lab File: BF133606.D
Acq: 07 Jun 2023 00:36

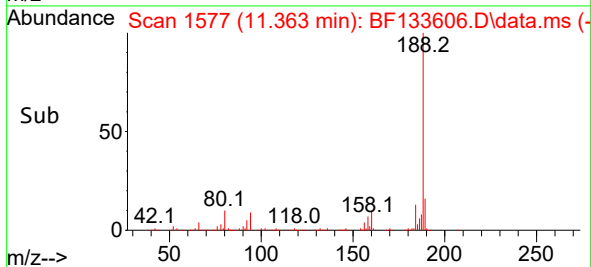
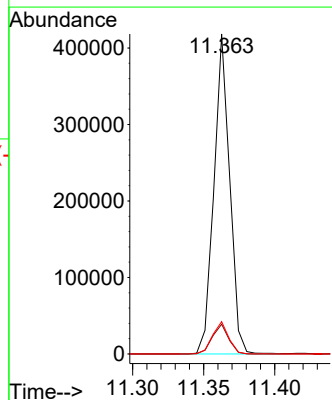
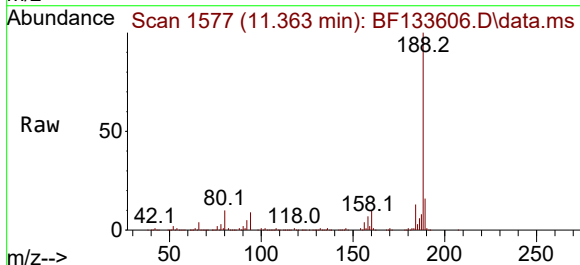
Instrument :
BNA_F
ClientSampleId :
PB153188BL

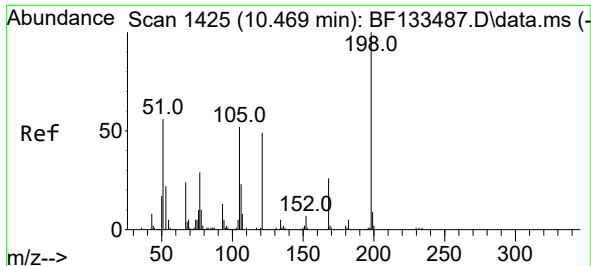
Tgt Ion:138 Resp: 135
Ion Ratio Lower Upper
138 100
92 0.0 28.4 68.4#
108 0.0 54.2 94.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF133606.D
Acq: 07 Jun 2023 00:36

Tgt Ion:188 Resp: 321703
Ion Ratio Lower Upper
188 100
94 9.3 8.6 12.8
80 10.1 9.2 13.8

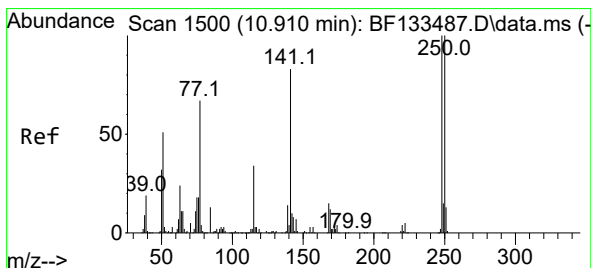
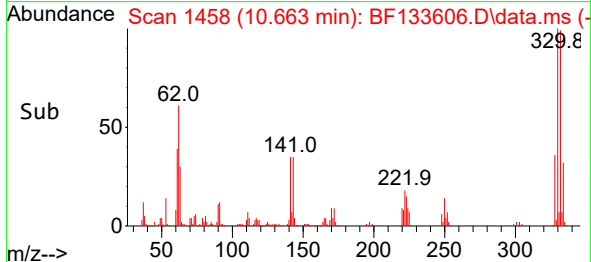
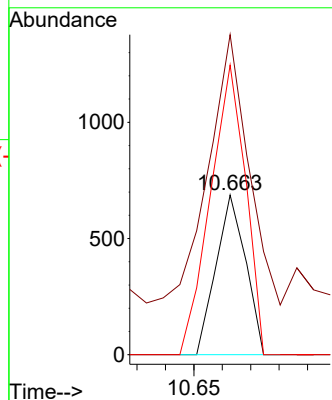
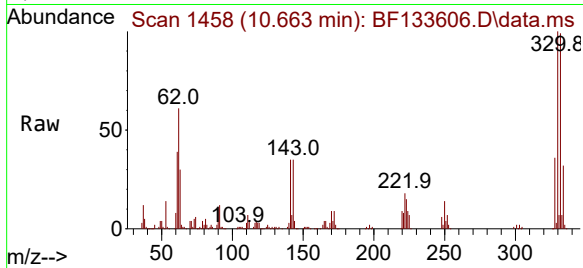




#65
4,6-Dinitro-2-methylphenol
Concen: 9.020 ng
RT: 10.663 min Scan# 1425
Delta R.T. 0.188 min
Lab File: BF133606.D
Acq: 07 Jun 2023 00:36

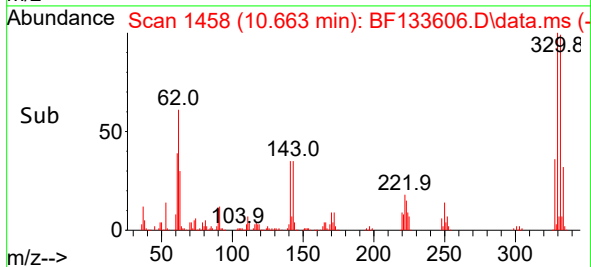
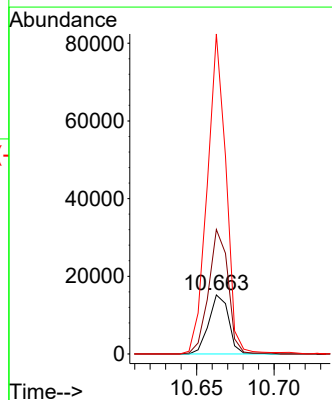
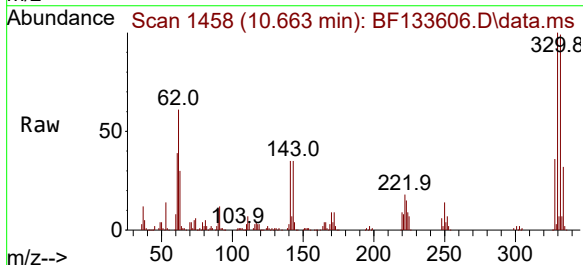
Instrument :
BNA_F
ClientSampleId :
PB153188BL

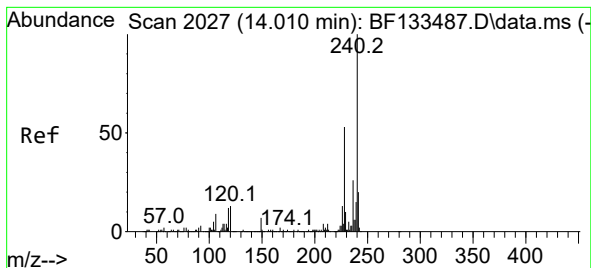
Tgt Ion:198 Resp: 496
Ion Ratio Lower Upper
198 100
51 200.4 53.6 93.6#
105 181.4 35.9 75.9#



#67
4-Bromophenyl-phenylether
Concen: 3.990 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF133606.D
Acq: 07 Jun 2023 00:36

Tgt Ion:248 Resp: 13633
Ion Ratio Lower Upper
248 100
250 210.9 79.7 119.5#
141 542.6 66.6 100.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF133606.D

Acq: 07 Jun 2023 00:36

Instrument :

BNA_F

ClientSampleId :

PB153188BL

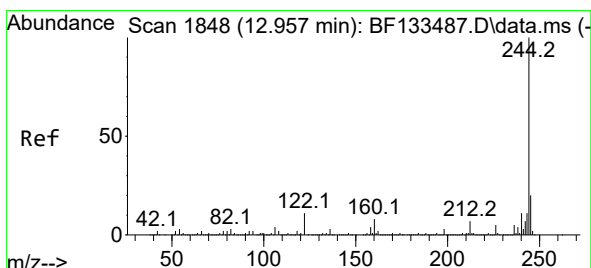
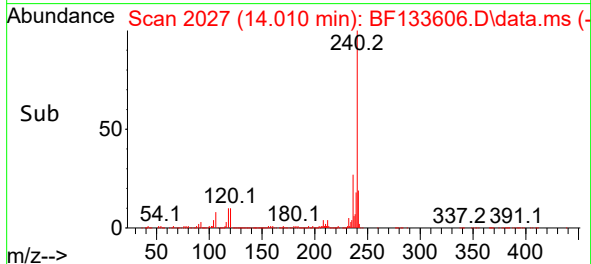
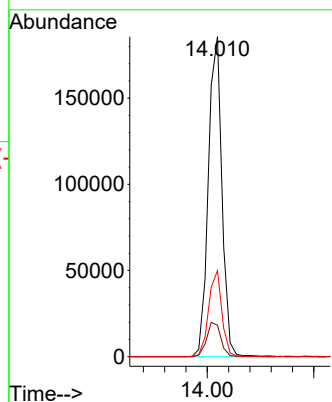
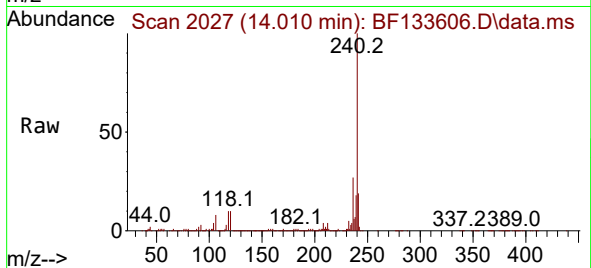
Tgt Ion:240 Resp: 165211

Ion Ratio Lower Upper

240 100

120 9.8 10.3 15.5#

236 26.9 20.5 30.7



#79

Terphenyl-d14

Concen: 112.286 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.000 min

Lab File: BF133606.D

Acq: 07 Jun 2023 00:36

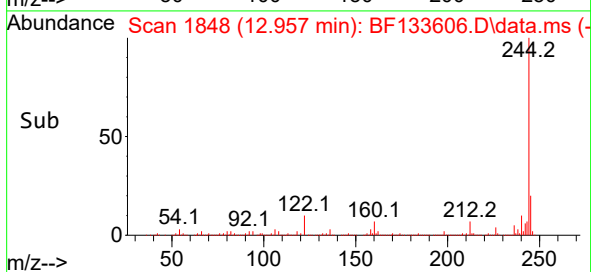
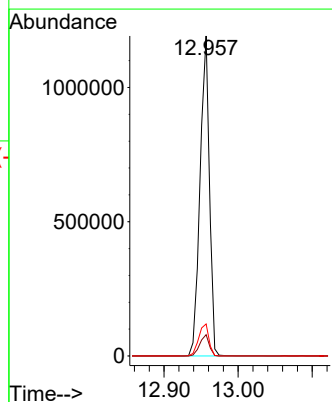
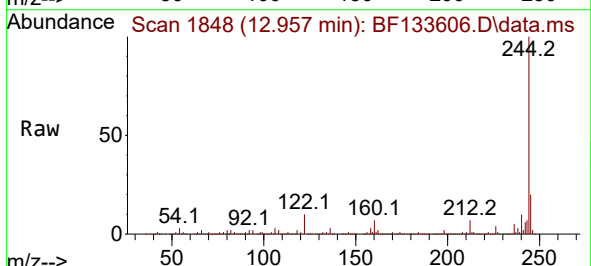
Tgt Ion:244 Resp: 1043362

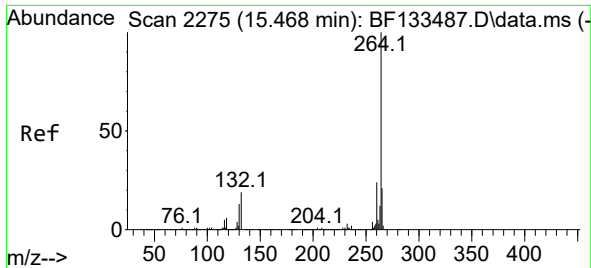
Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

122 10.0 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF133606.D
 Acq: 07 Jun 2023 00:36

Instrument :
 BNA_F
 ClientSampleId :
 PB153188BL

Tgt Ion:264 Resp: 141855
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.0 28.4
 265 22.4 16.8 25.2

