

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
 Data File : BF133620.D
 Acq On : 07 Jun 2023 12:40
 Operator : CG\JU
 Sample : 03002-04RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB04

Quant Time: Jun 07 13:40:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 07 11:27:15 2023
 Response via : Initial Calibration

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

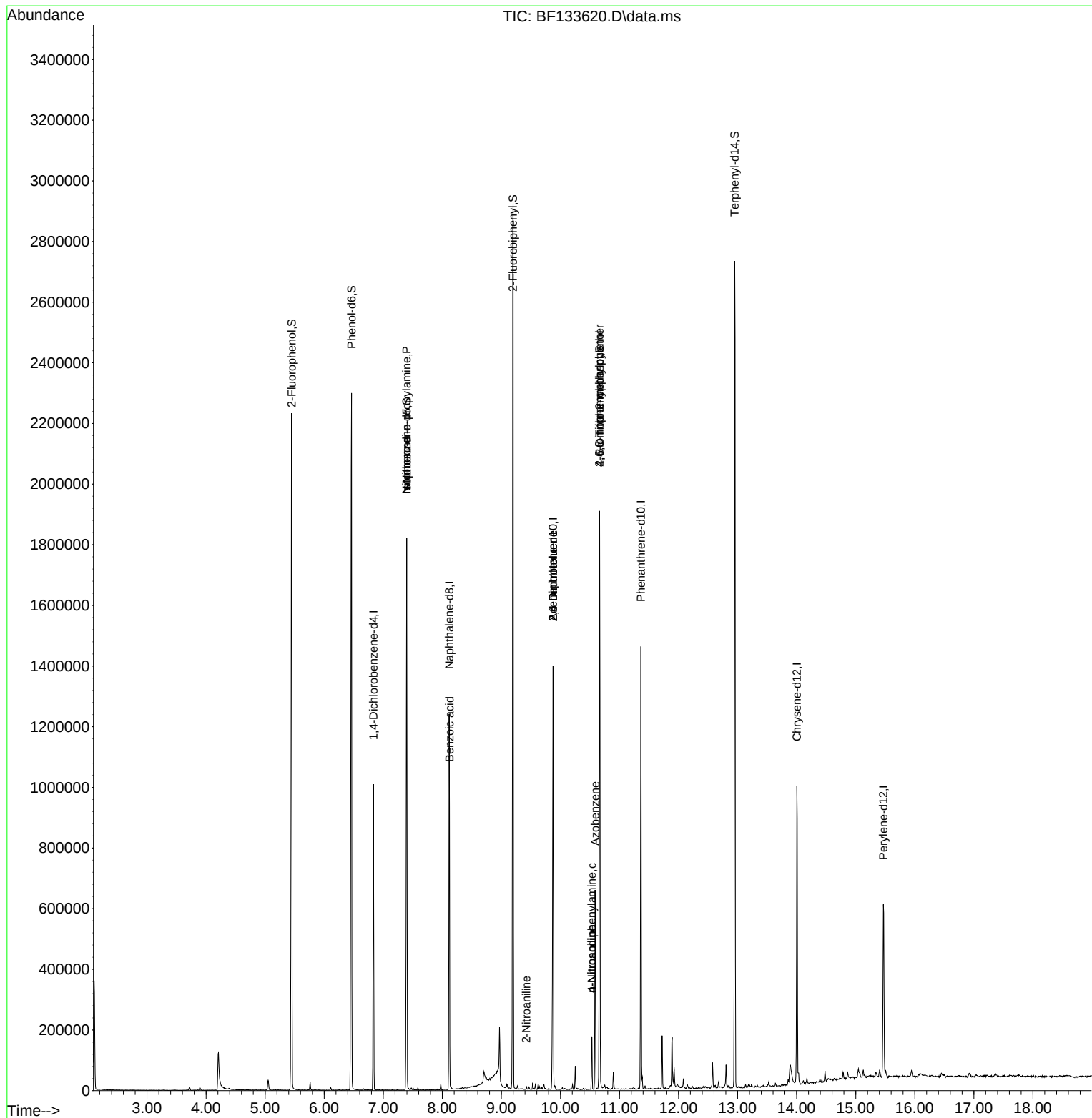
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	130384	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	502516	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	250457	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	490292	20.000	ng	0.00
76) Chrysene-d12	14.004	240	319452	20.000	ng	-0.01
86) Perylene-d12	15.468	264	266870	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	631038	80.751	ng	0.00
7) Phenol-d6	6.463	99	772924	80.347	ng	0.00
23) Nitrobenzene-d5	7.398	82	507792	67.470	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	228816	91.651	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	930680	57.353	ng	0.00
79) Terphenyl-d14	12.951	244	979707	54.528	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.381	77	95	Below Cal	#	34
19) n-Nitroso-di-n-propyla...	7.398	70	69909	11.232	ng	# 75
25) Isophorone	7.398	82	507783	28.949	ng	# 65
32) Benzoic acid	8.122	122	57	7.359	ng	# 1
48) 2-Nitroaniline	9.422	65	122	4.014	ng	# 62
51) 2,6-Dinitrotoluene	9.875	165	31630	12.408	ng	# 18
57) 2,4-Dinitrotoluene	9.875	165	31630	11.607	ng	# 15
62) 4-Nitroaniline	10.533	138	181	3.025	ng	# 1
63) Azobenzene	10.586	77	110600	6.046	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.663	198	482	8.908	ng	# 1
66) n-Nitrosodiphenylamine	10.533	169	41866	2.630	ng	99
67) 4-Bromophenyl-phenylether	10.663	248	13647	2.621	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133620.D
Acq On : 07 Jun 2023 12:40
Operator : CG\JU
Sample : 03002-04RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB04

Quant Time: Jun 07 13:40:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 07 11:27:15 2023
Response via : Initial Calibration

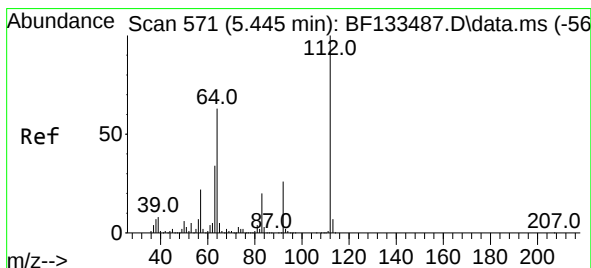
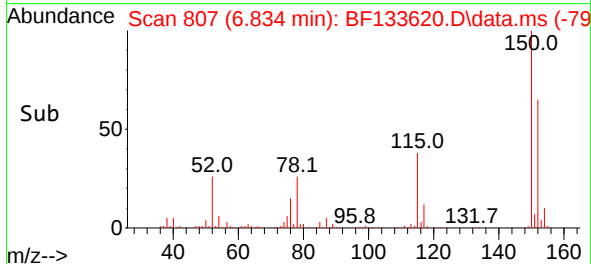
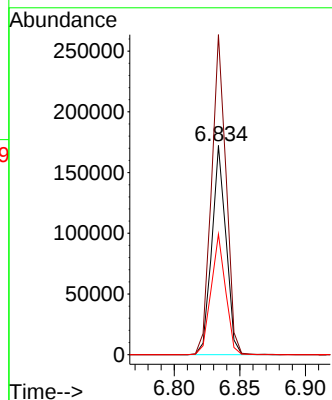
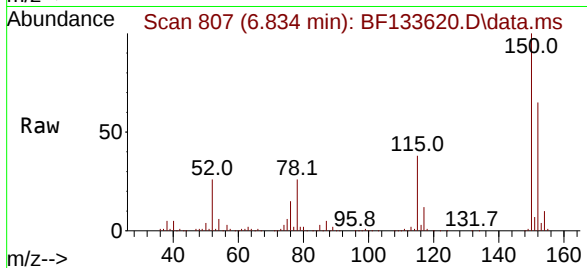




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

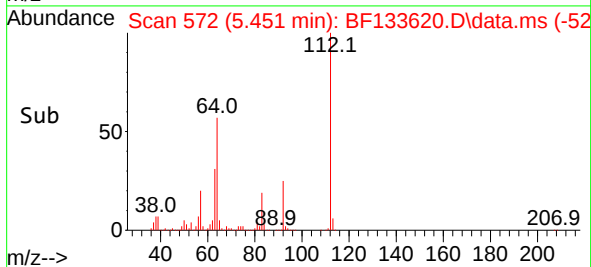
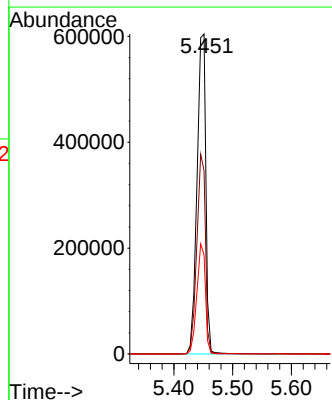
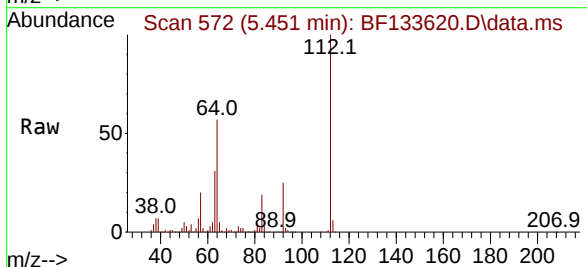
Instrument :
BNA_F
ClientSampleId :
SB04

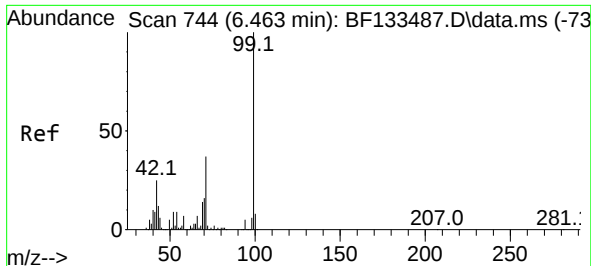
Tgt Ion:152 Resp: 130384
Ion Ratio Lower Upper
152 100
150 153.0 124.9 187.3
115 57.6 48.1 72.1



#5
2-Fluorophenol
Concen: 80.751 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

Tgt Ion:112 Resp: 631038
Ion Ratio Lower Upper
112 100
64 57.3 50.1 75.1
63 30.9 27.5 41.3

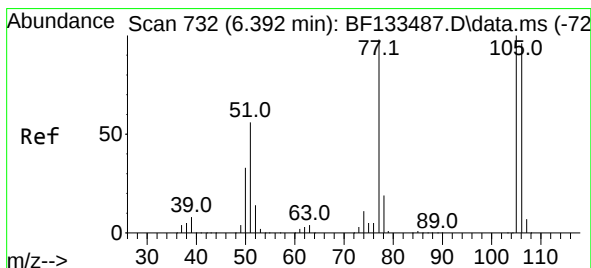
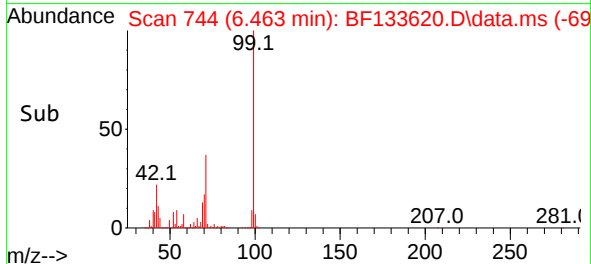
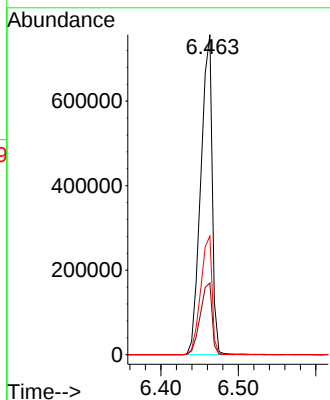
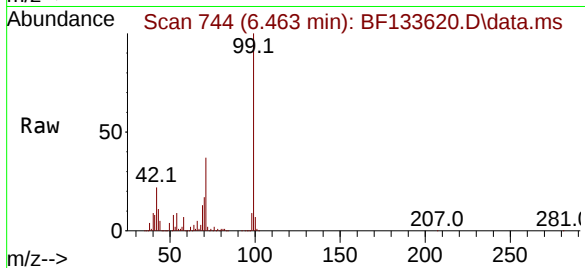




#7
Phenol-d6
Concen: 80.347 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

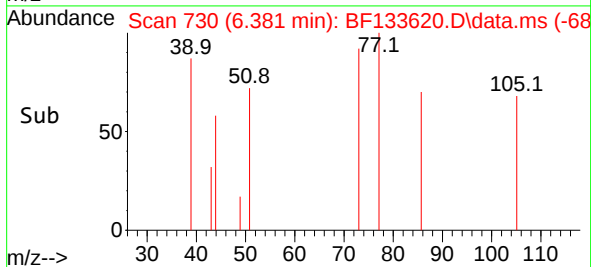
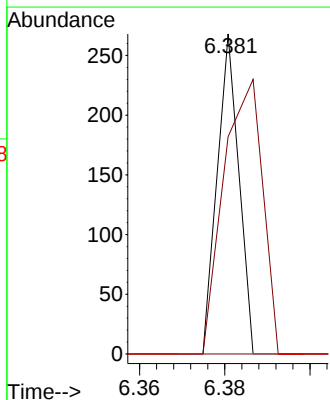
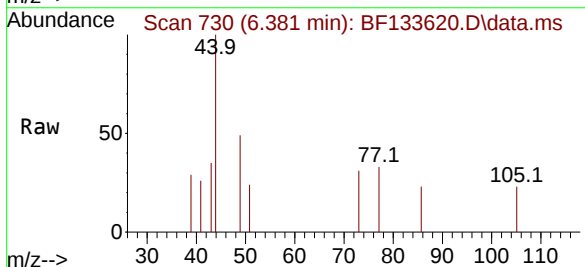
Instrument :
BNA_F
ClientSampleId :
SB04

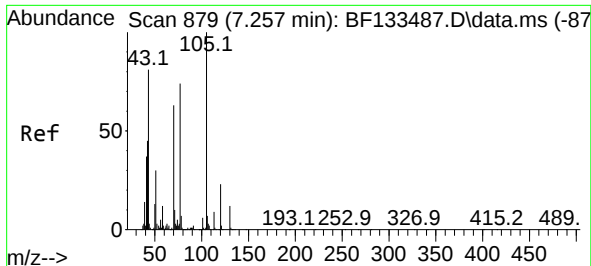
Tgt Ion: 99 Resp: 772924
Ion Ratio Lower Upper
99 100
42 22.4 19.7 29.5
71 37.1 29.8 44.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

Tgt Ion: 77 Resp: 95
Ion Ratio Lower Upper
77 100
105 67.9 81.9 121.9#
106 0.0 77.8 117.8#

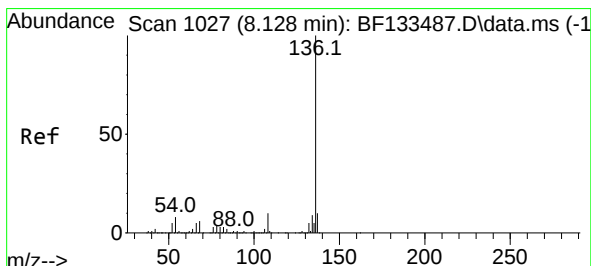
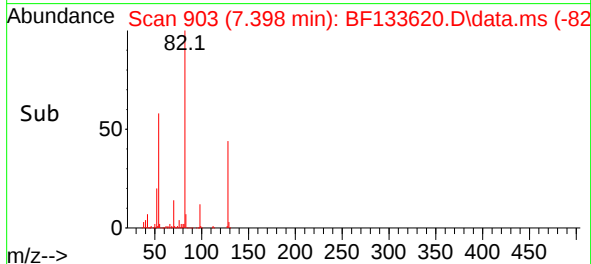
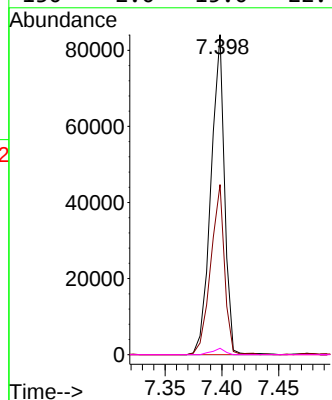
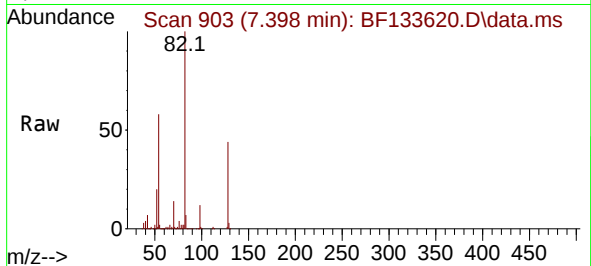




#19
n-Nitroso-di-n-propylamine
Concen: 11.232 ng
RT: 7.398 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

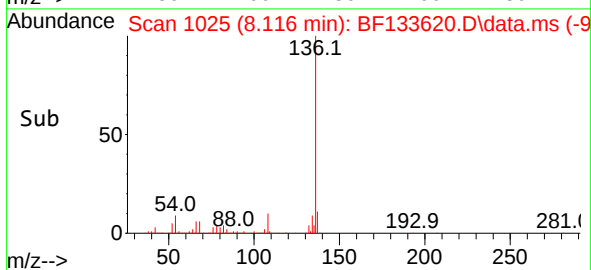
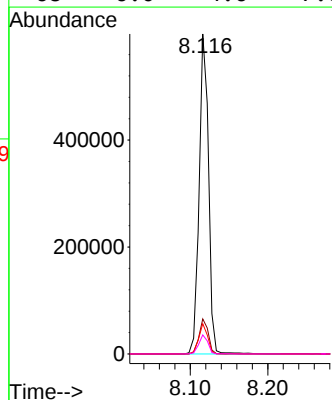
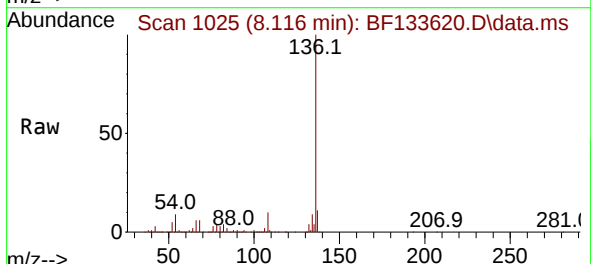
Instrument :
BNA_F
ClientSampleId :
SB04

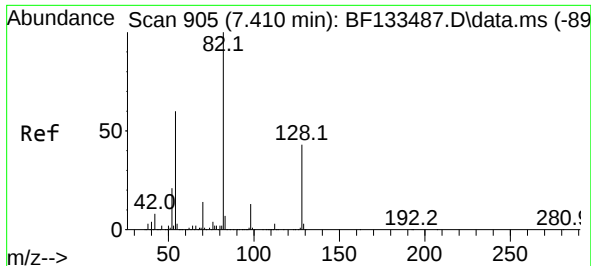
Tgt Ion: 70	Resp: 69909
Ion Ratio	Lower Upper
70 100	
42 53.1	57.2 85.8#
101 0.0	7.3 10.9#
130 2.0	15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

Tgt Ion: 136	Resp: 502516
Ion Ratio	Lower Upper
136 100	
137 10.9	8.2 12.4
54 9.5	6.6 10.0
68 6.0	4.6 7.0

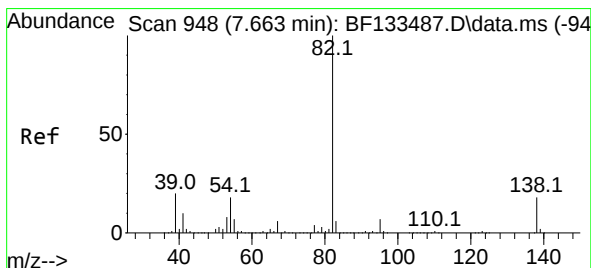
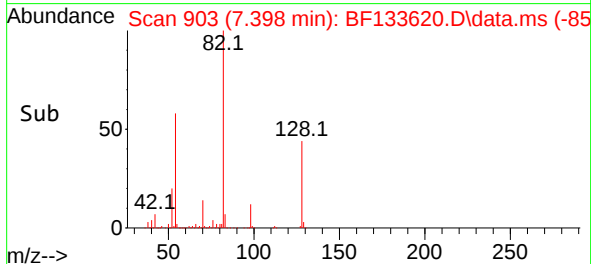
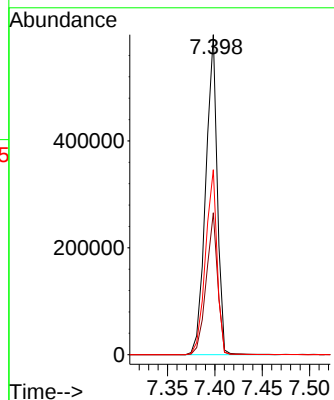
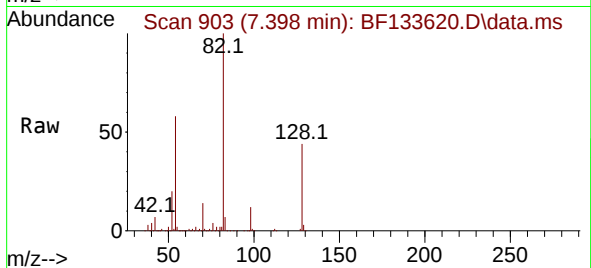




#23
Nitrobenzene-d5
Concen: 67.470 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

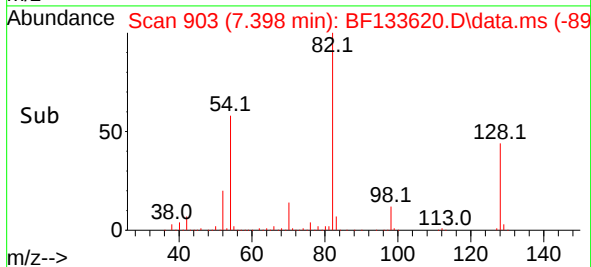
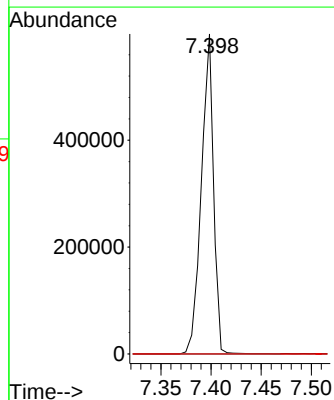
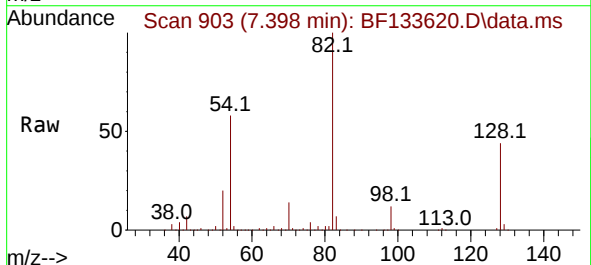
Instrument :
BNA_F
ClientSampleId :
SB04

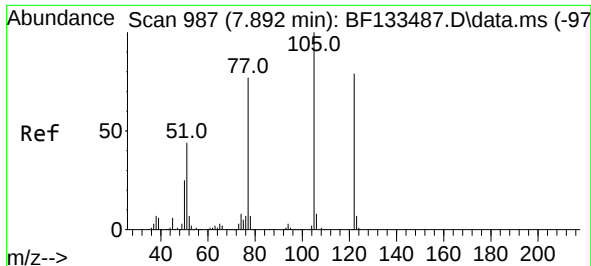
Tgt Ion: 82 Resp: 507792
Ion Ratio Lower Upper
82 100
128 44.3 34.2 51.4
54 57.8 48.2 72.4



#25
Isophorone
Concen: 28.949 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.265 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

Tgt Ion: 82 Resp: 507783
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.4#

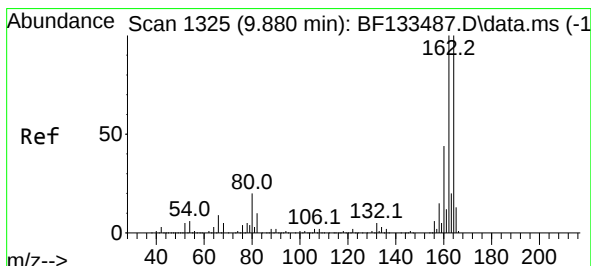
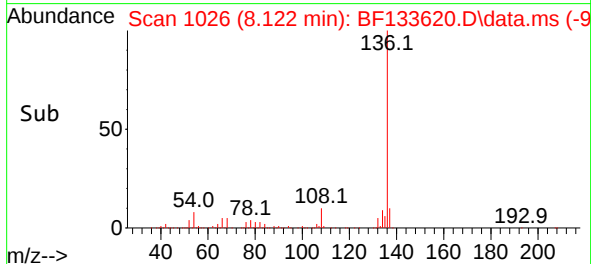
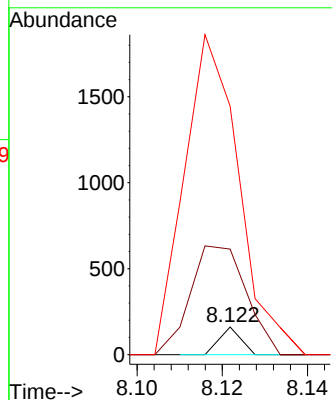
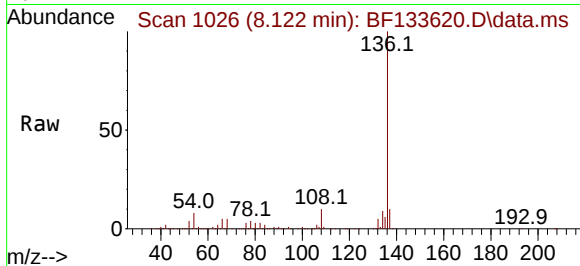




#32
Benzoic acid
Concen: 7.359 ng
RT: 8.122 min Scan# 10
Delta R.T. 0.235 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

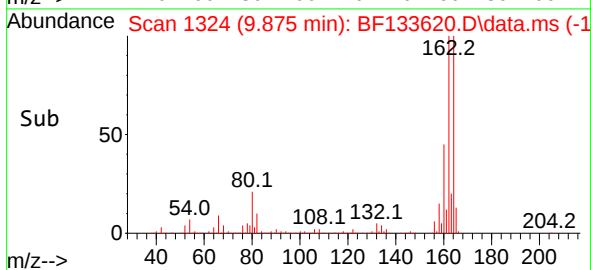
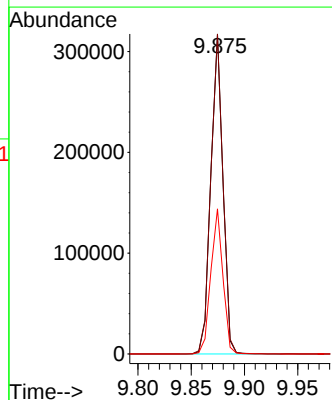
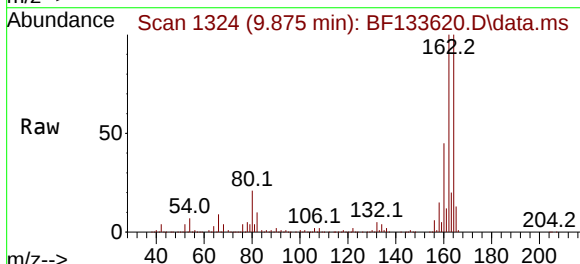
Instrument :
BNA_F
ClientSampleId :
SB04

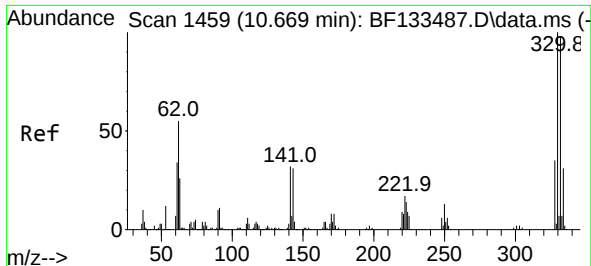
Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 381.4 103.3 143.3#
77 897.5 75.7 115.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

Tgt Ion:164 Resp: 250457
Ion Ratio Lower Upper
164 100
162 100.0 79.7 119.5
160 45.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 91.651 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF133620.D

Acq: 07 Jun 2023 12:40

Instrument :

BNA_F

ClientSampleId :

SB04

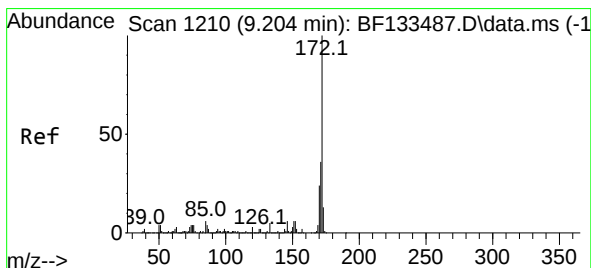
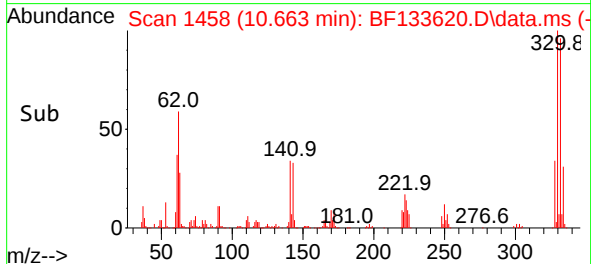
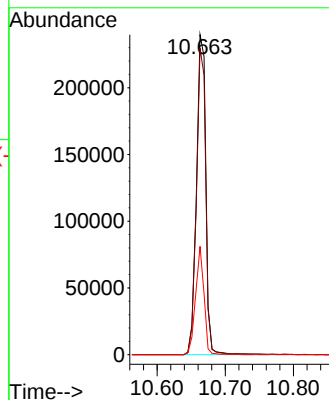
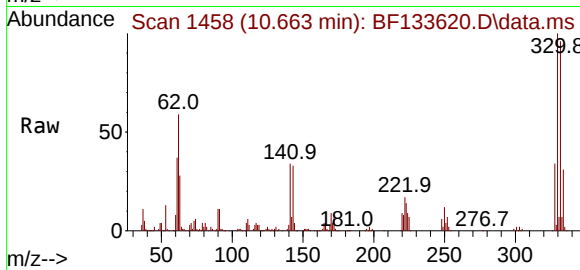
Tgt Ion:330 Resp: 228816

Ion Ratio Lower Upper

330 100

332 94.9 77.8 116.6

141 30.4 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 57.353 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133620.D

Acq: 07 Jun 2023 12:40

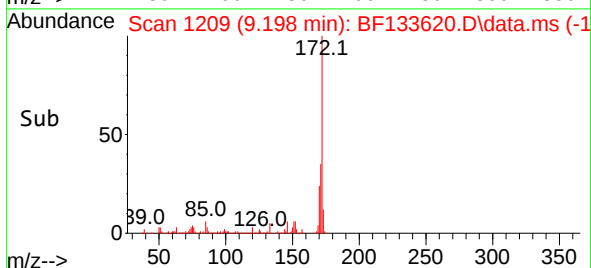
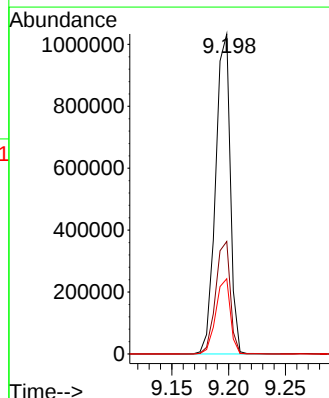
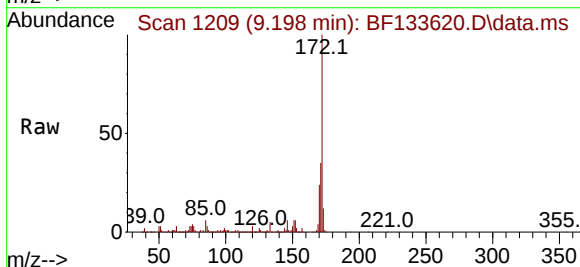
Tgt Ion:172 Resp: 930680

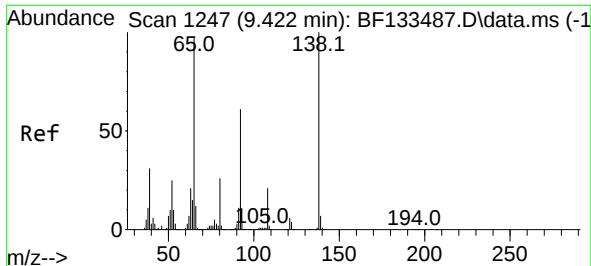
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.5 19.3 28.9

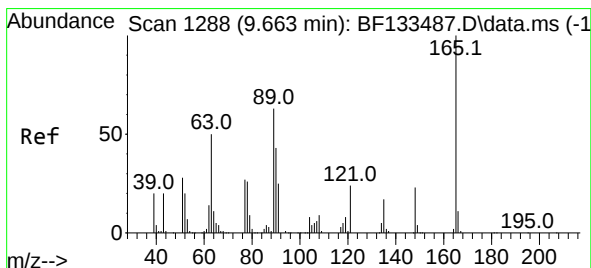
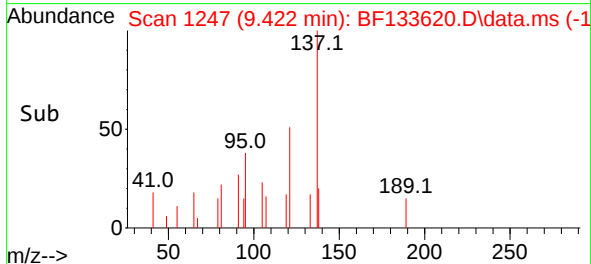
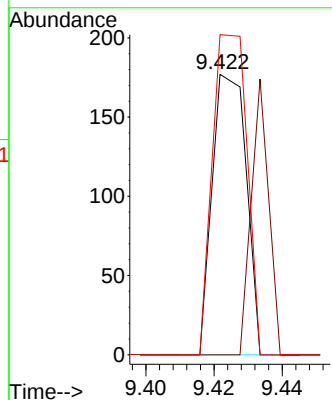
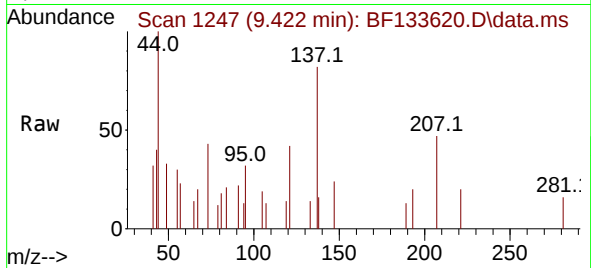




#48
2-Nitroaniline
Concen: 4.014 ng
RT: 9.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

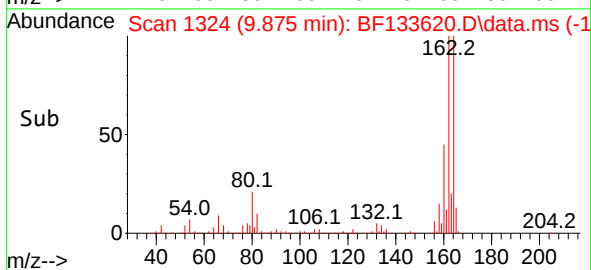
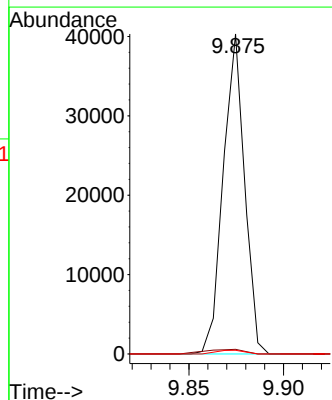
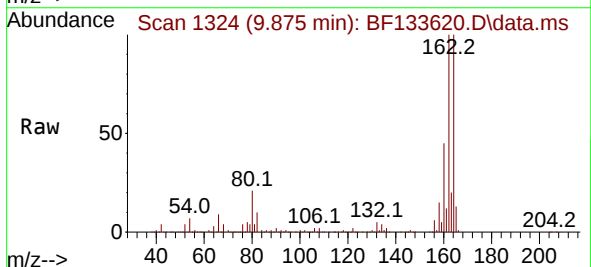
Instrument :
BNA_F
ClientSampleId :
SB04

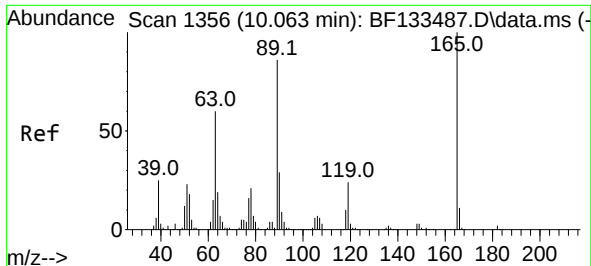
Tgt Ion: 65 Resp: 122
Ion Ratio Lower Upper
65 100
92 0.0 50.8 76.2#
138 114.1 82.6 124.0



#51
2,6-Dinitrotoluene
Concen: 12.408 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

Tgt Ion: 165 Resp: 31630
Ion Ratio Lower Upper
165 100
63 1.5 57.0 85.4#
89 1.1 50.8 76.2#

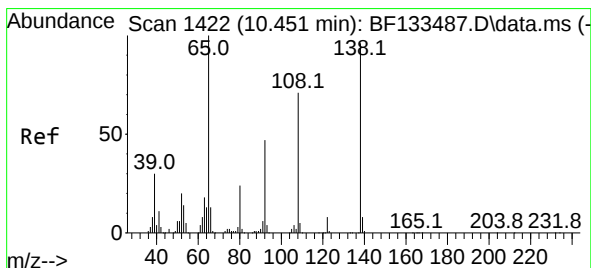
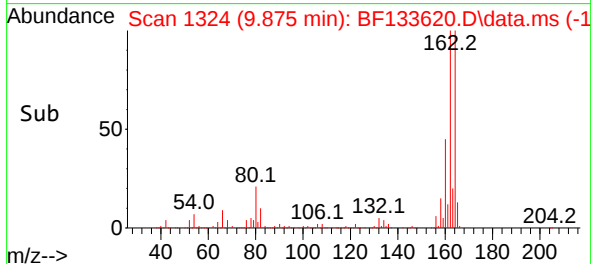
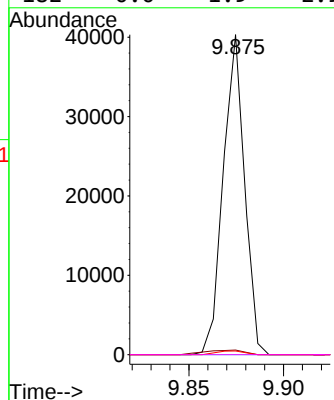
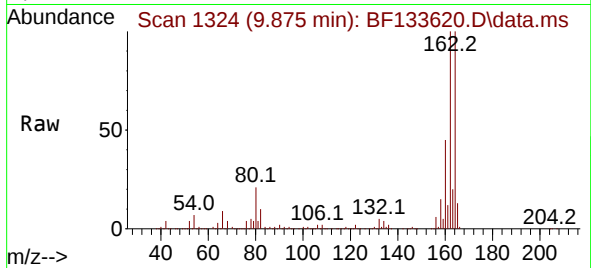




#57
2,4-Dinitrotoluene
Concen: 11.607 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

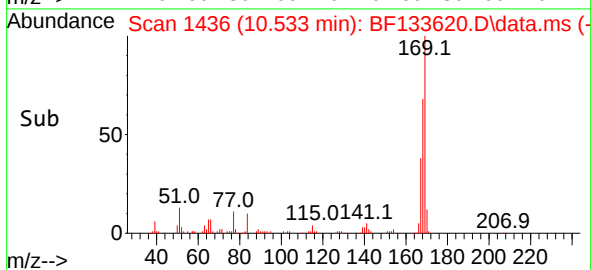
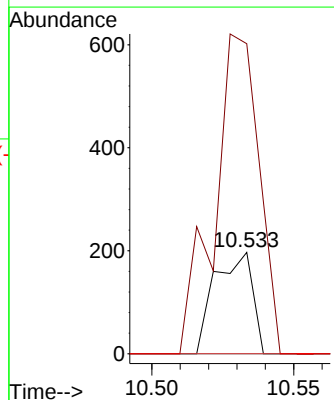
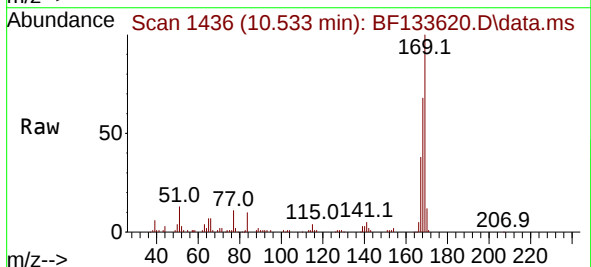
Instrument :
BNA_F
ClientSampleId :
SB04

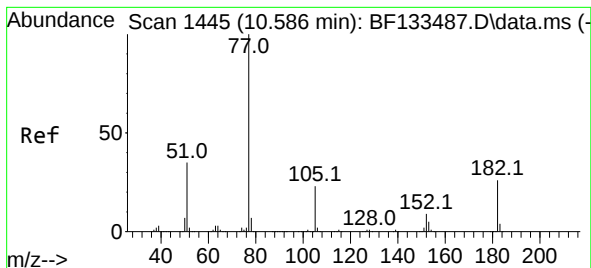
Tgt Ion:165 Resp: 31630
Ion Ratio Lower Upper
165 100
63 1.5 48.1 72.1#
89 1.1 68.4 102.6#
182 0.0 1.9 2.9#



#62
4-Nitroaniline
Concen: 3.025 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.082 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

Tgt Ion:138 Resp: 181
Ion Ratio Lower Upper
138 100
92 305.6 28.4 68.4#
108 0.0 54.2 94.2#





#63

Azobenzene

Concen: 6.046 ng

RT: 10.586 min Scan# 1445

Delta R.T. 0.006 min

Lab File: BF133620.D

Acq: 07 Jun 2023 12:40

Instrument :

BNA_F

ClientSampleId :

SB04

Tgt Ion: 77 Resp: 110600

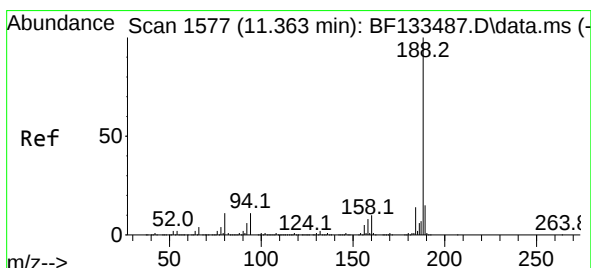
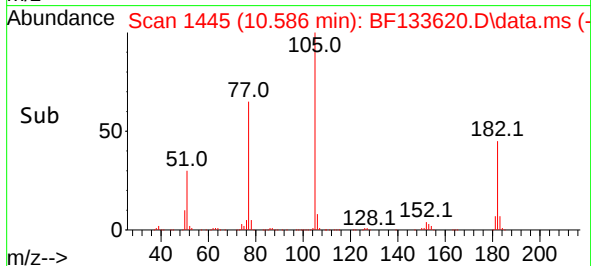
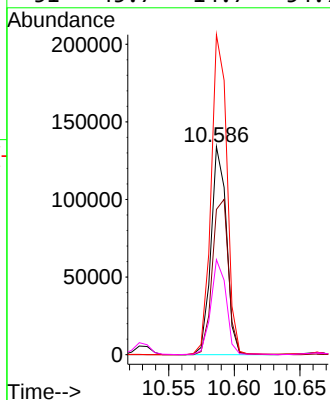
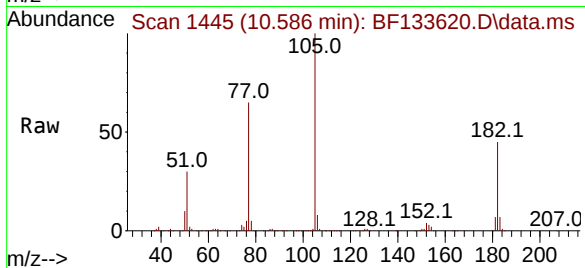
Ion Ratio Lower Upper

77 100

182 69.8 5.6 45.6#

105 153.8 2.6 42.6#

51 45.7 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BF133620.D

Acq: 07 Jun 2023 12:40

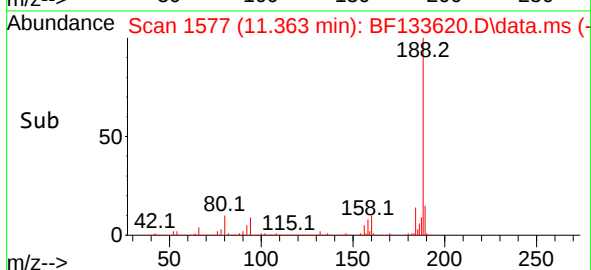
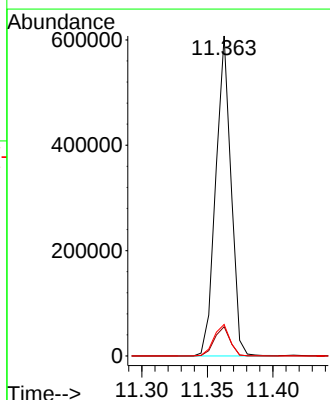
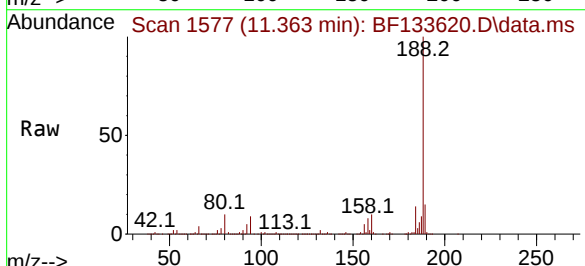
Tgt Ion: 188 Resp: 490292

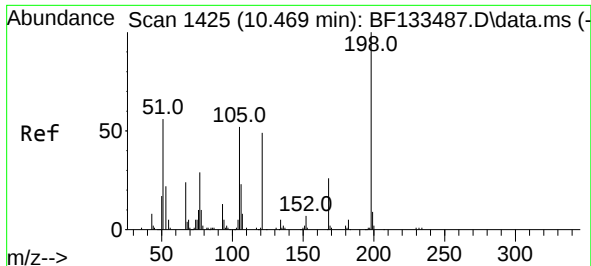
Ion Ratio Lower Upper

188 100

94 9.1 8.6 12.8

80 9.8 9.2 13.8

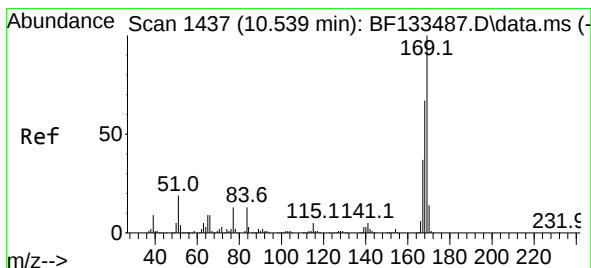
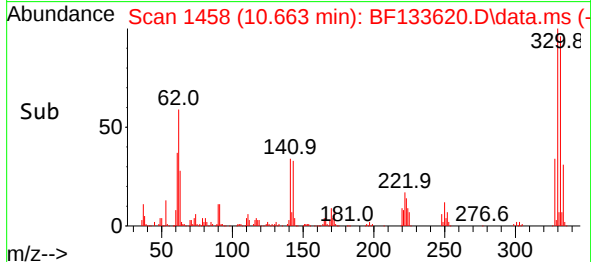
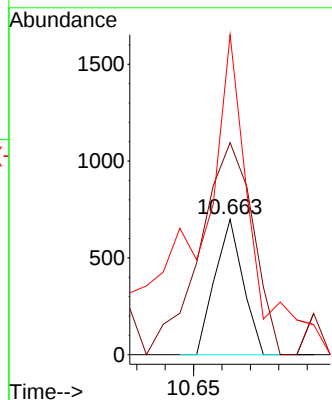
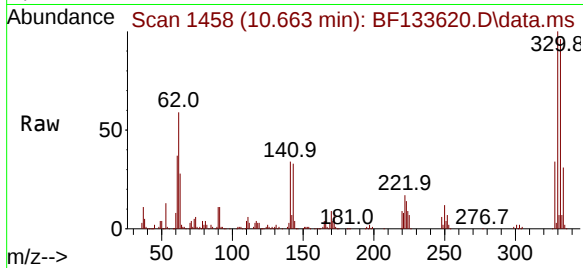




#65
4,6-Dinitro-2-methylphenol
Concen: 8.908 ng
RT: 10.663 min Scan# 1425
Delta R.T. 0.182 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

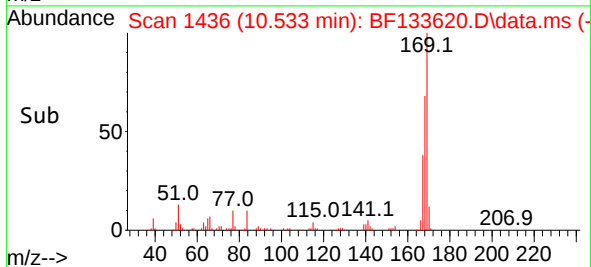
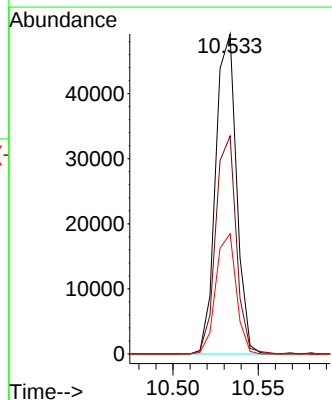
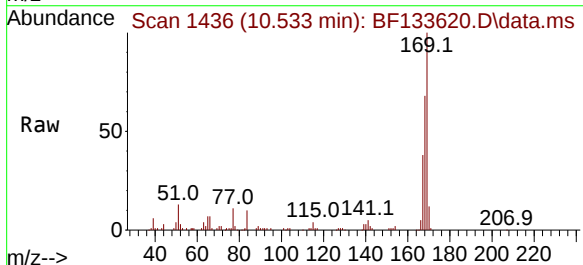
Instrument :
BNA_F
ClientSampleId :
SB04

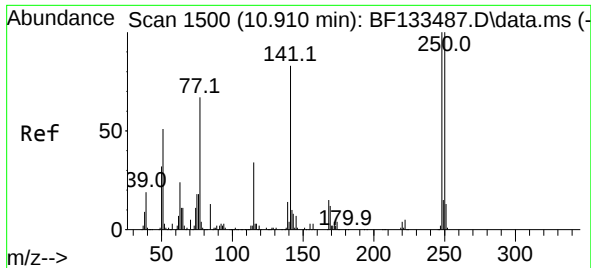
Tgt Ion:198 Resp: 482
Ion Ratio Lower Upper
198 100
51 156.7 53.6 93.6#
105 236.5 35.9 75.9#



#66
n-Nitrosodiphenylamine
Concen: 2.630 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

Tgt Ion:169 Resp: 41866
Ion Ratio Lower Upper
169 100
168 68.1 53.7 80.5
167 37.6 29.6 44.4

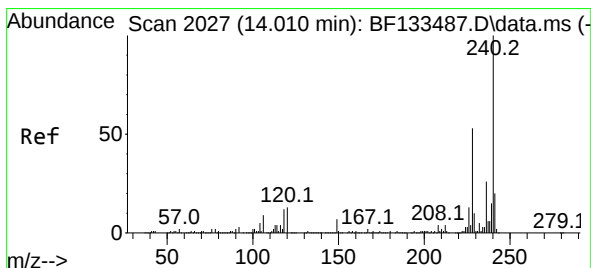
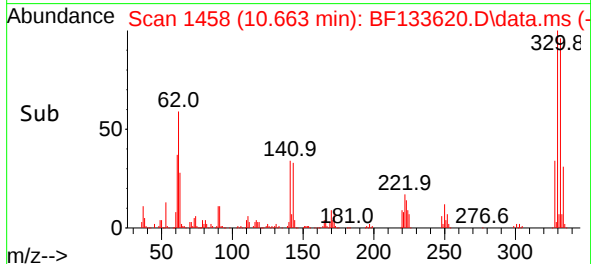
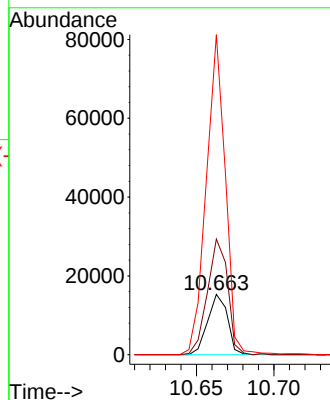
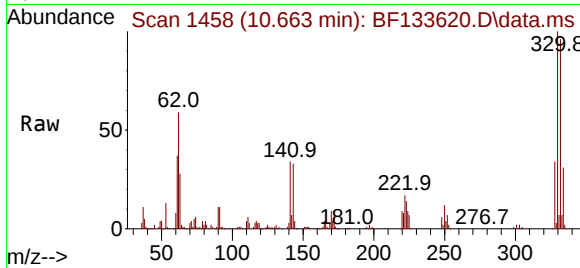




#67
4-Bromophenyl-phenylether
Concen: 2.621 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

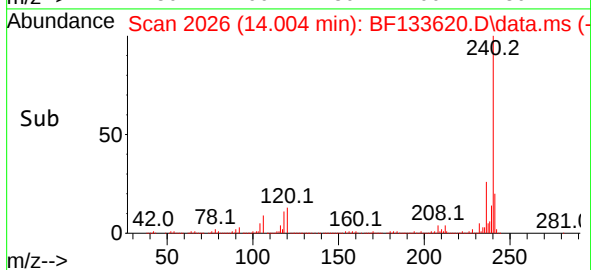
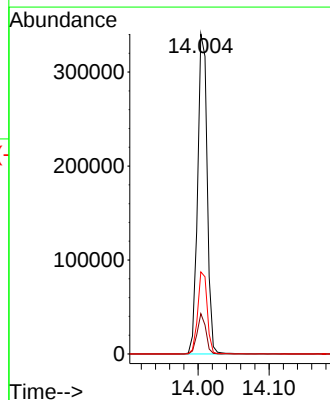
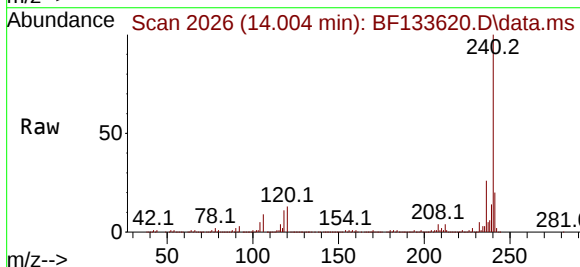
Instrument :
BNA_F
ClientSampleId :
SB04

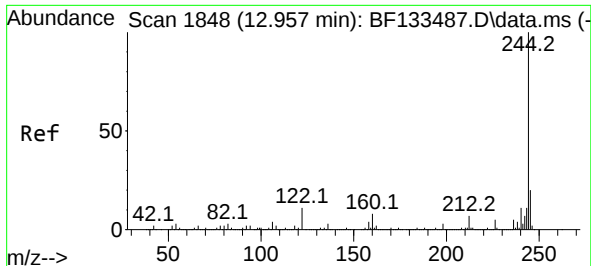
Tgt Ion:248 Resp: 13647
Ion Ratio Lower Upper
248 100
250 191.8 79.7 119.5#
141 530.5 66.6 100.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

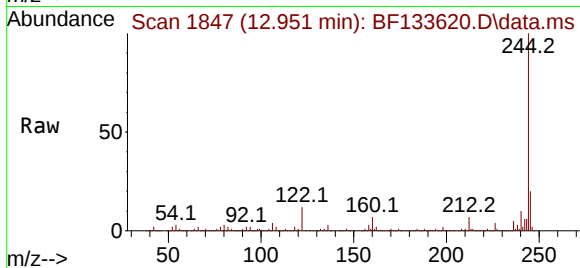
Tgt Ion:240 Resp: 319452
Ion Ratio Lower Upper
240 100
120 12.6 10.3 15.5
236 25.7 20.5 30.7



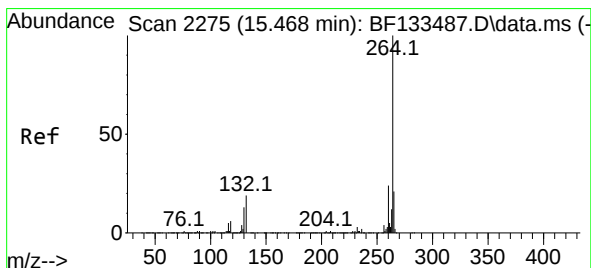
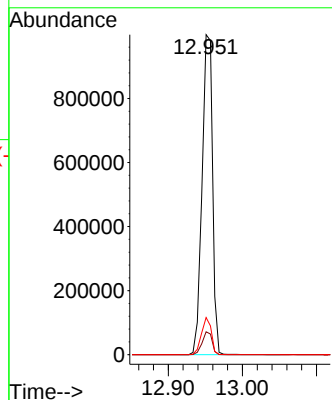
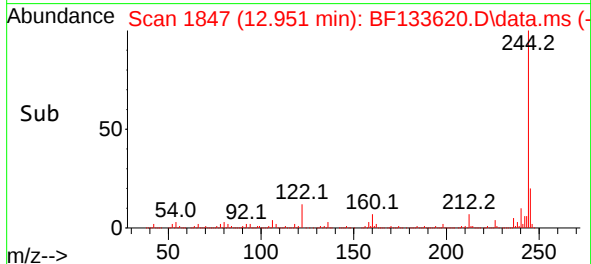


#79
 Terphenyl-d14
 Concen: 54.528 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF133620.D
 Acq: 07 Jun 2023 12:40

Instrument :
 BNA_F
 ClientSampleId :
 SB04



Tgt Ion:244 Resp: 979707
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.6 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.012 min
 Lab File: BF133620.D
 Acq: 07 Jun 2023 12:40

Tgt Ion:264 Resp: 266870
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.7 16.8 25.2

