

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
 Data File : BF133608.D
 Acq On : 07 Jun 2023 01:38
 Operator : CG\JU
 Sample : 03018-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 277

Quant Time: Jun 07 04:29:08 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)

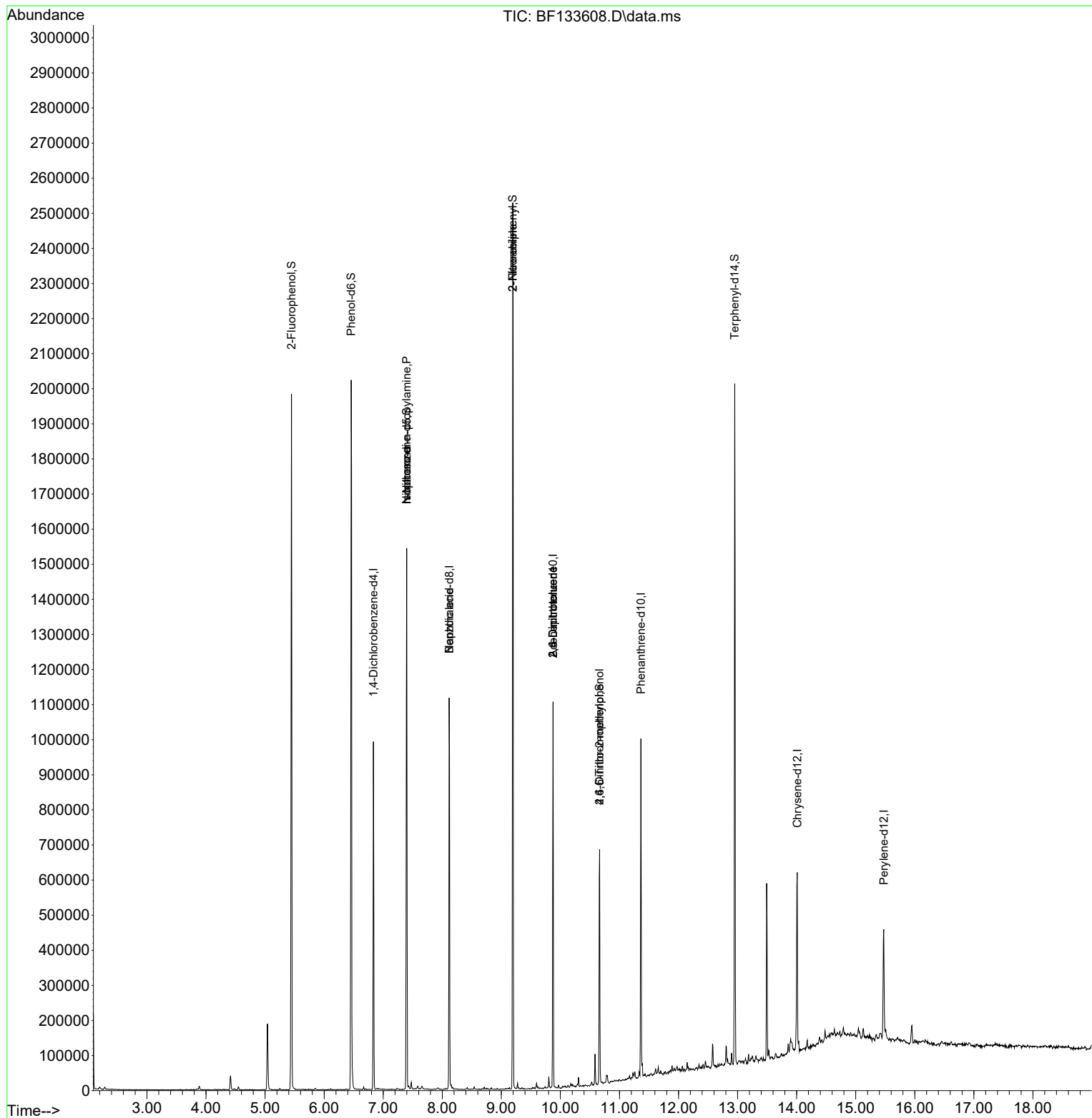
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	129762	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	458264	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	192069	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	314567	20.000	ng	0.00
76) Chrysene-d12	14.010	240	169655	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	150051	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	501064	64.426	ng	0.00
7) Phenol-d6	6.457	99	661388	69.082	ng	0.00
23) Nitrobenzene-d5	7.398	82	414260	60.357	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	77098	40.269	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	762351	61.261	ng	0.00
79) Terphenyl-d14	12.951	244	653121	68.447	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.381	77	448	Below Cal		88
19) n-Nitroso-di-n-propyla...	7.398	70	57637	9.305 ng	#	75
25) Isophorone	7.398	82	414249	25.897 ng	#	65
32) Benzoic acid	8.116	122	62	7.361 ng	#	1
48) 2-Nitroaniline	9.192	65	1268	4.311 ng	#	1
51) 2,6-Dinitrotoluene	9.875	165	24022	12.324 ng	#	18
57) 2,4-Dinitrotoluene	9.875	165	24022	11.541 ng	#	15
65) 4,6-Dinitro-2-methylph...	10.663	198	215	8.848 ng	#	1

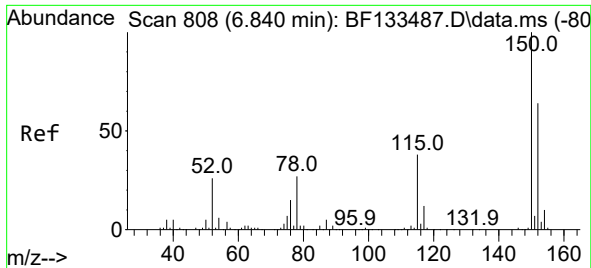
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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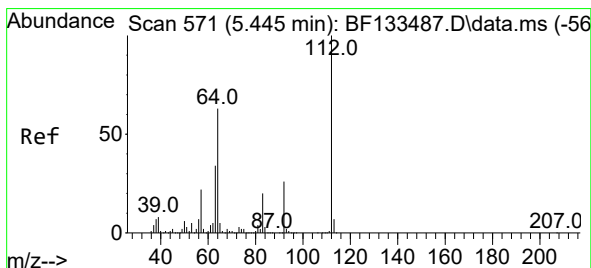
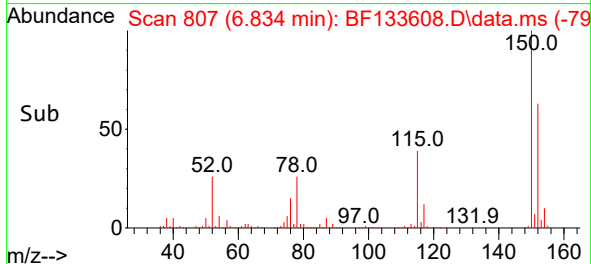
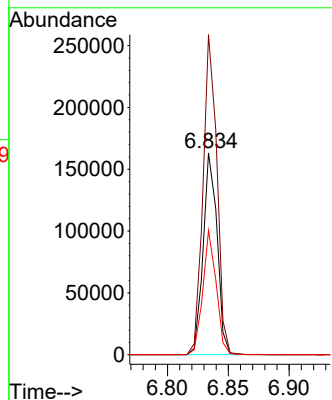
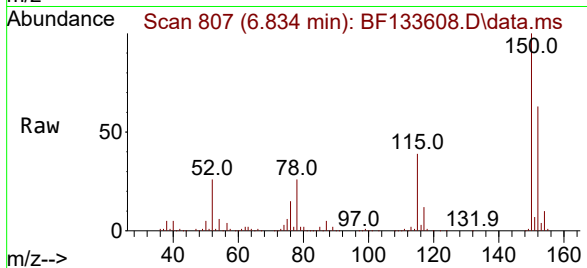




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133608.D
Acq: 07 Jun 2023 01:38

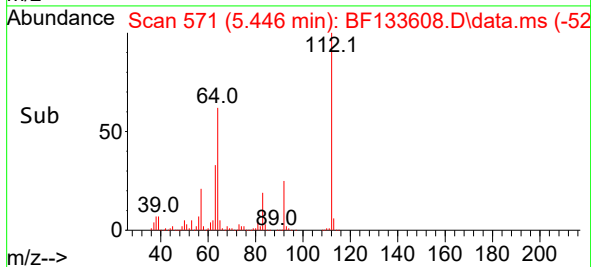
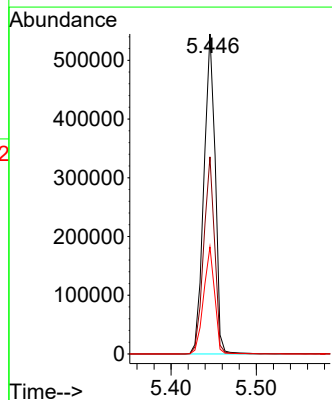
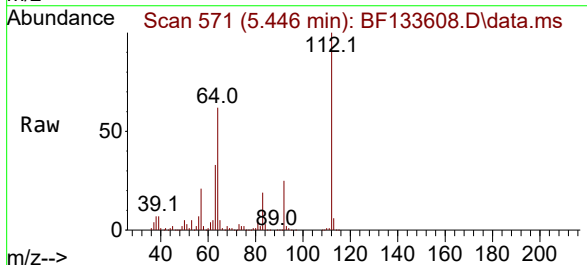
Instrument :
BNA_F
ClientSampleId :
277

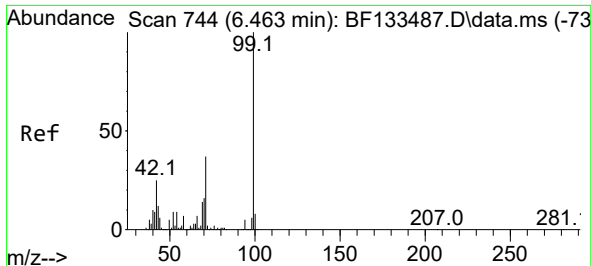
Tgt Ion:152 Resp: 129762
Ion Ratio Lower Upper
152 100
150 158.7 124.9 187.3
115 61.6 48.1 72.1



#5
2-Fluorophenol
Concen: 64.426 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF133608.D
Acq: 07 Jun 2023 01:38

Tgt Ion:112 Resp: 501064
Ion Ratio Lower Upper
112 100
64 61.6 50.1 75.1
63 33.5 27.5 41.3

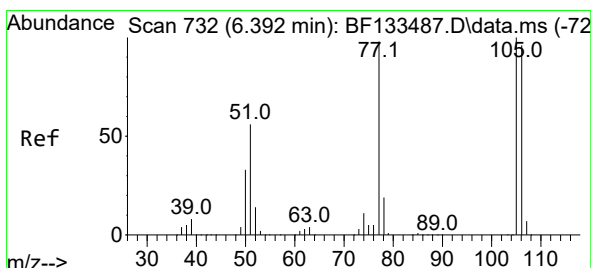
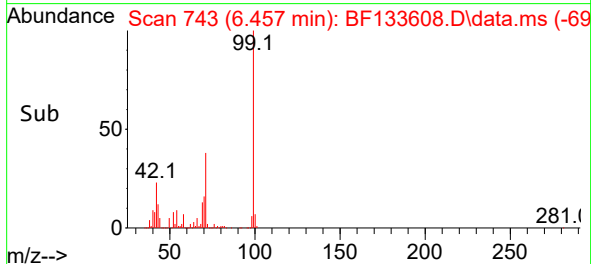
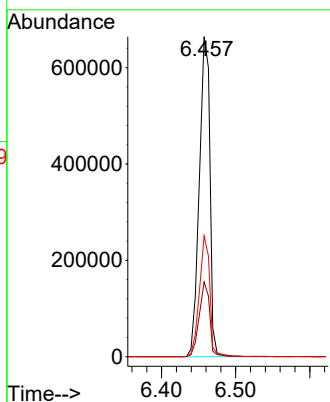
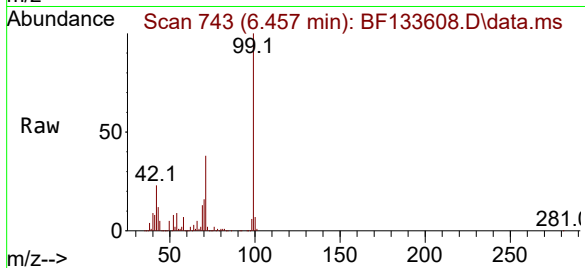




#7
Phenol-d6
Concen: 69.082 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133608.D
Acq: 07 Jun 2023 01:38

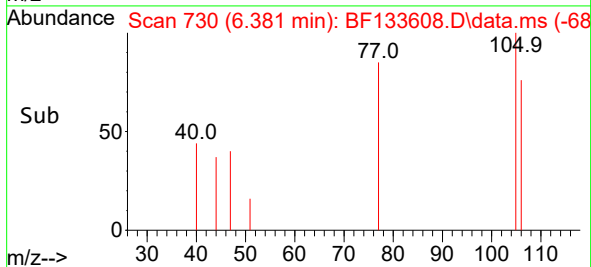
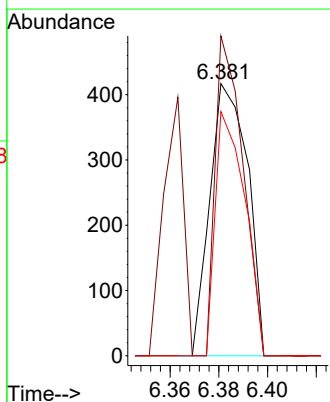
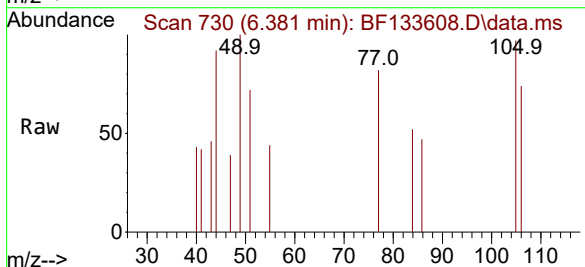
Instrument :
BNA_F
ClientSampleId :
277

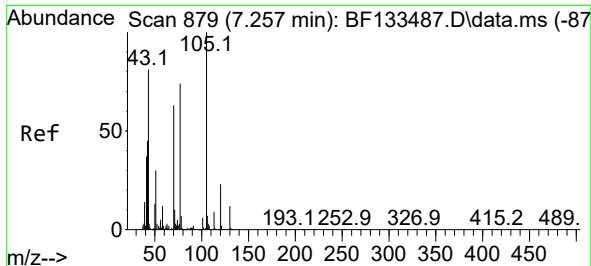
Tgt Ion: 99 Resp: 661388
Ion Ratio Lower Upper
99 100
42 23.4 19.7 29.5
71 37.8 29.8 44.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133608.D
Acq: 07 Jun 2023 01:38

Tgt Ion: 77 Resp: 448
Ion Ratio Lower Upper
77 100
105 117.5 81.9 121.9
106 89.7 77.8 117.8

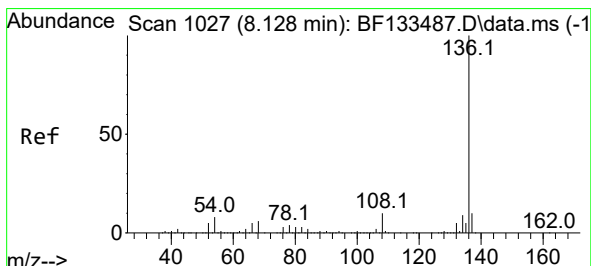
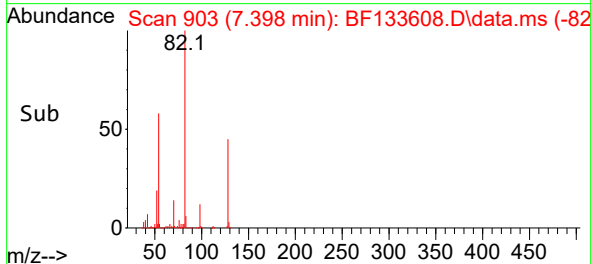
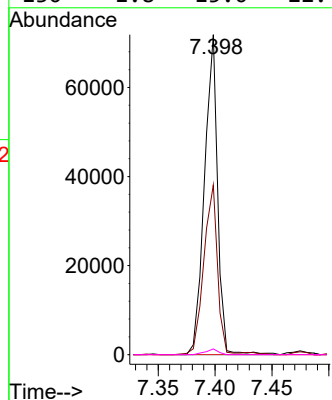
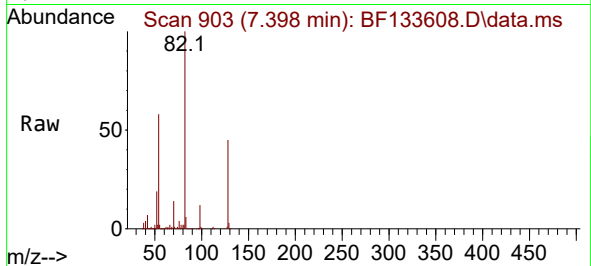




#19
n-Nitroso-di-n-propylamine
Concen: 9.305 ng
RT: 7.398 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF133608.D
Acq: 07 Jun 2023 01:38

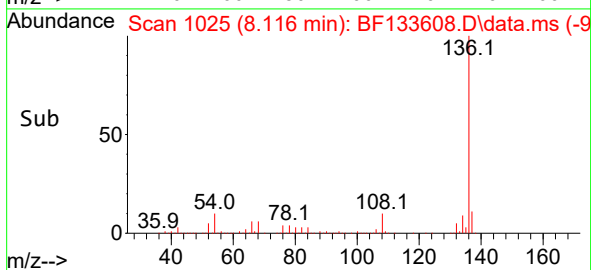
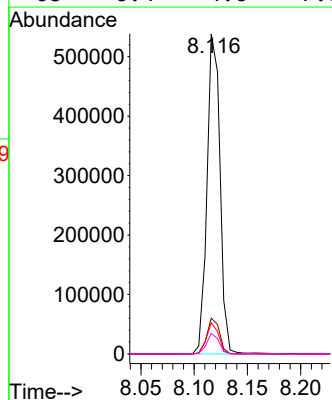
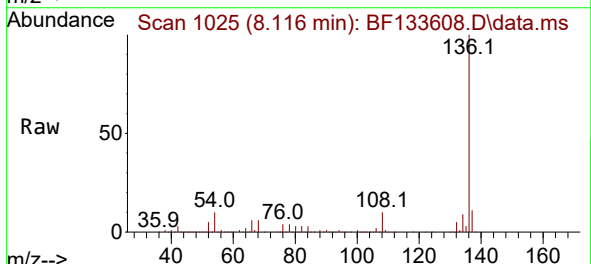
Instrument :
BNA_F
ClientSampleId :
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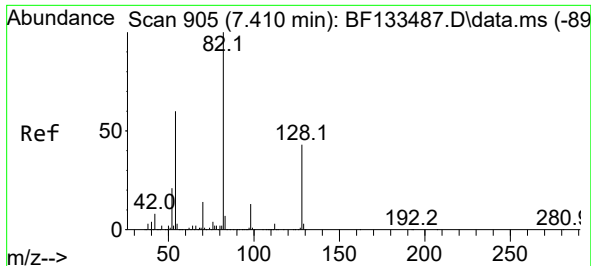
Tgt Ion: 70 Resp: 57637
Ion Ratio Lower Upper
70 100
42 53.0 57.2 85.8#
101 0.0 7.3 10.9#
130 1.8 15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133608.D
Acq: 07 Jun 2023 01:38

Tgt Ion: 136 Resp: 458264
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 9.8 6.6 10.0
68 6.4 4.6 7.0





#23

Nitrobenzene-d5

Concen: 60.357 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF133608.D

Acq: 07 Jun 2023 01:38

Instrument :

BNA_F

ClientSampleId :

277

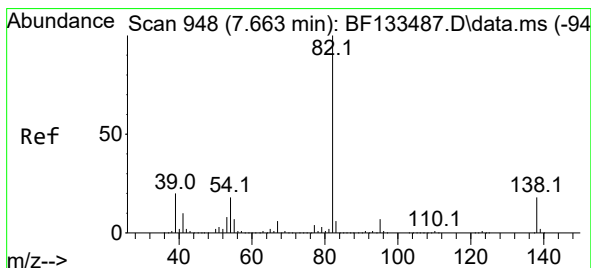
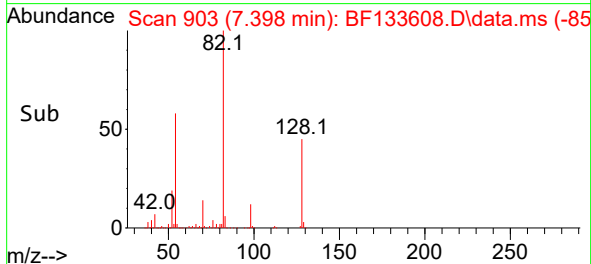
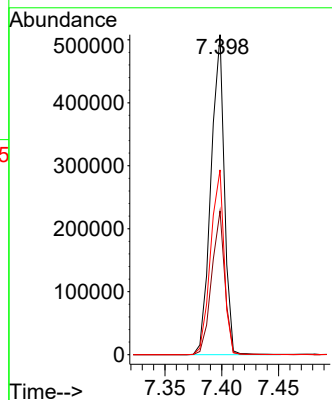
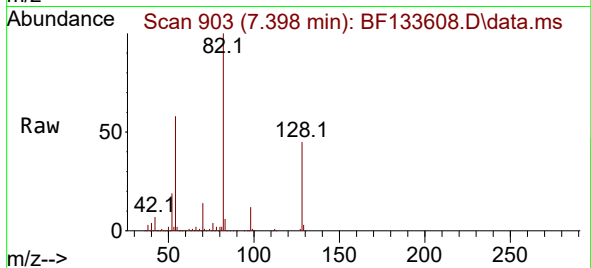
Tgt Ion: 82 Resp: 414260

Ion Ratio Lower Upper

82 100

128 44.9 34.2 51.4

54 57.8 48.2 72.4



#25

Isophorone

Concen: 25.897 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.259 min

Lab File: BF133608.D

Acq: 07 Jun 2023 01:38

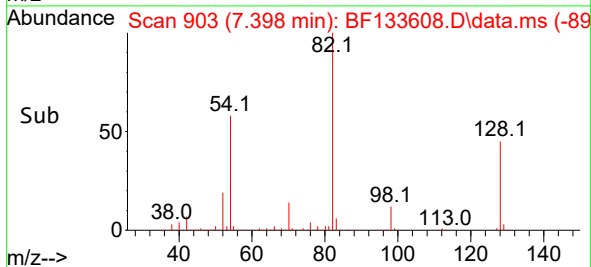
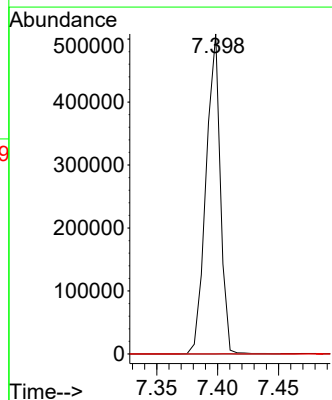
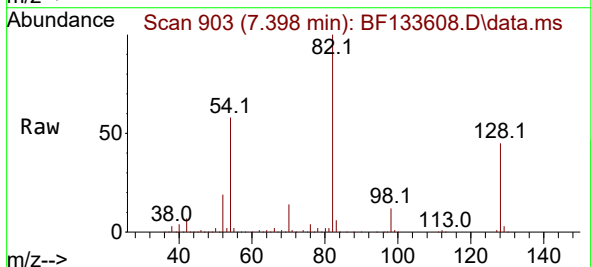
Tgt Ion: 82 Resp: 414249

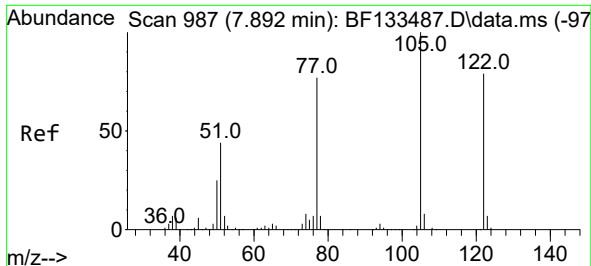
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.4#

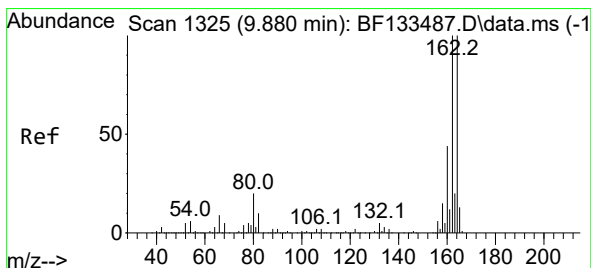
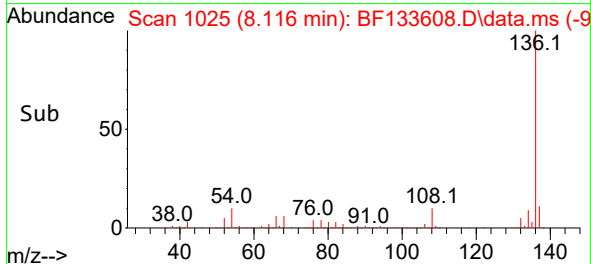
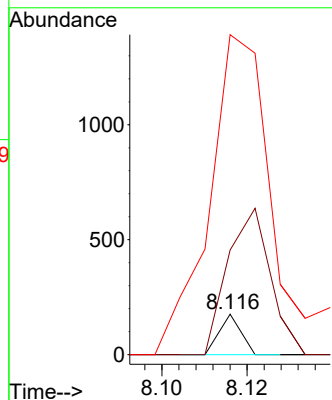
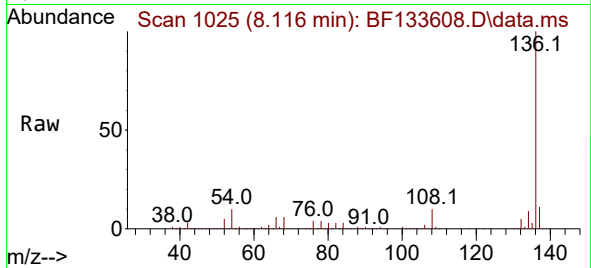




#32
Benzoic acid
Concen: 7.361 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.230 min
Lab File: BF133608.D
Acq: 07 Jun 2023 01:38

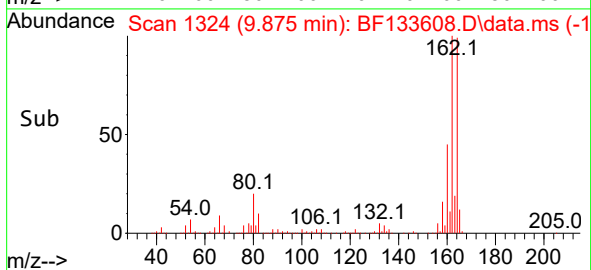
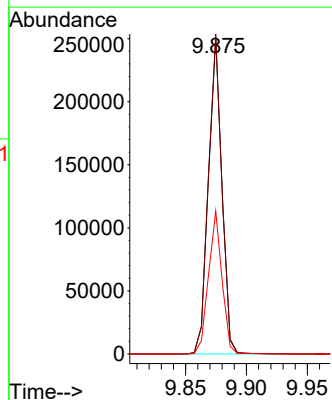
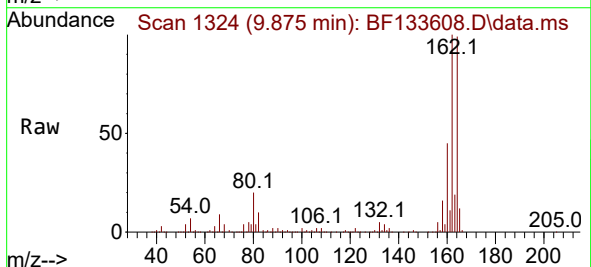
Instrument :
BNA_F
ClientSampleId :
277

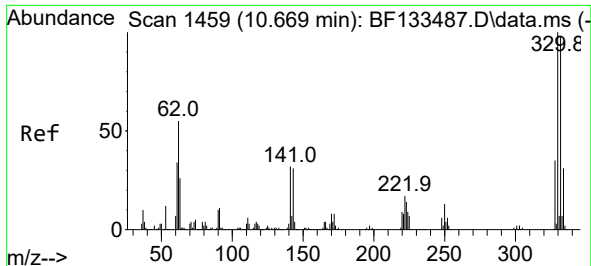
Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 258.5 103.3 143.3#
77 790.9 75.7 115.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF133608.D
Acq: 07 Jun 2023 01:38

Tgt Ion:164 Resp: 192069
Ion Ratio Lower Upper
164 100
162 101.1 79.7 119.5
160 45.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 40.269 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF133608.D

Acq: 07 Jun 2023 01:38

Instrument :

BNA_F

ClientSampleId :

277

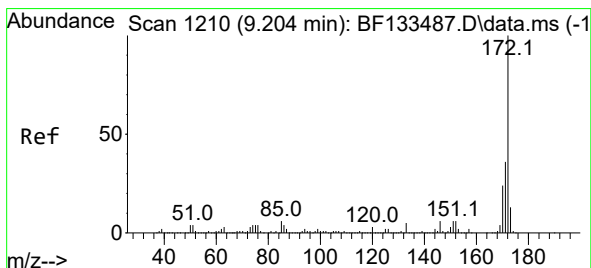
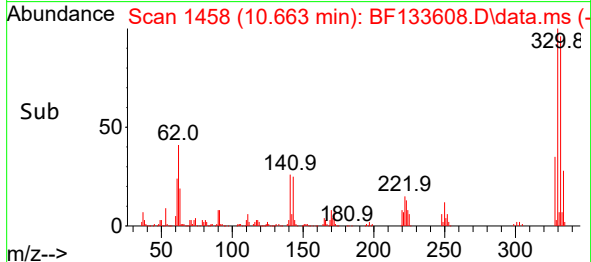
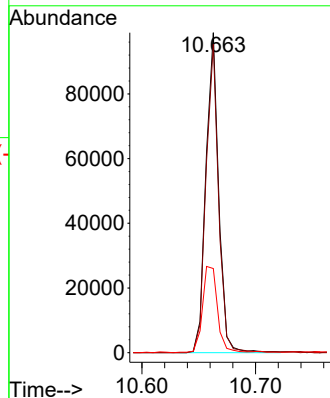
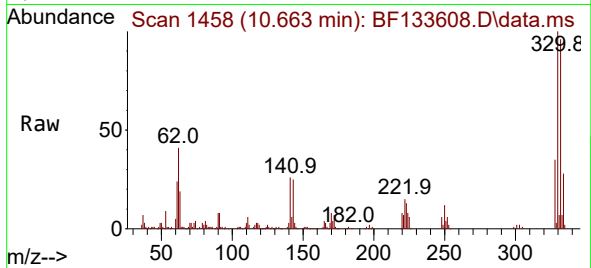
Tgt Ion:330 Resp: 77098

Ion Ratio Lower Upper

330 100

332 95.6 77.8 116.6

141 31.7 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 61.261 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133608.D

Acq: 07 Jun 2023 01:38

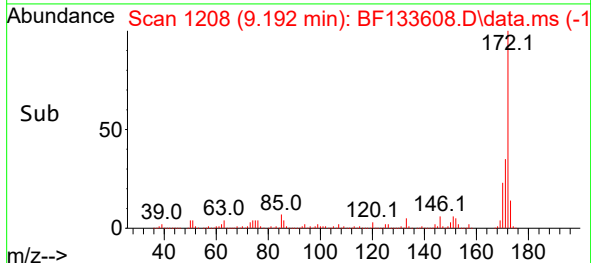
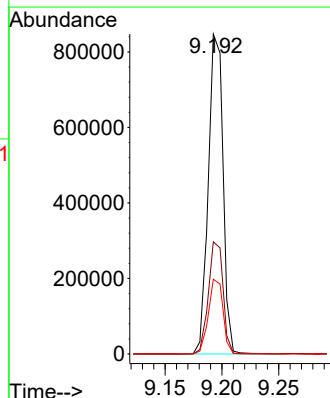
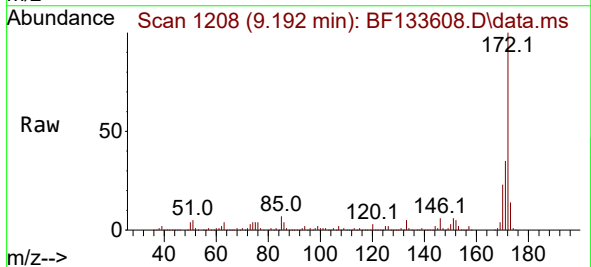
Tgt Ion:172 Resp: 762351

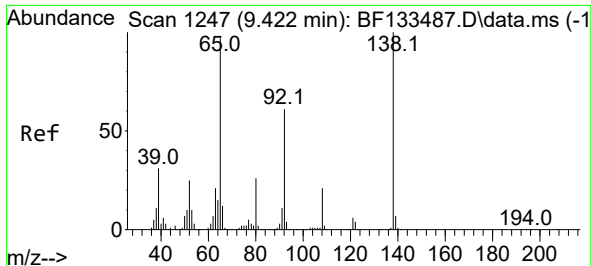
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.3 19.3 28.9

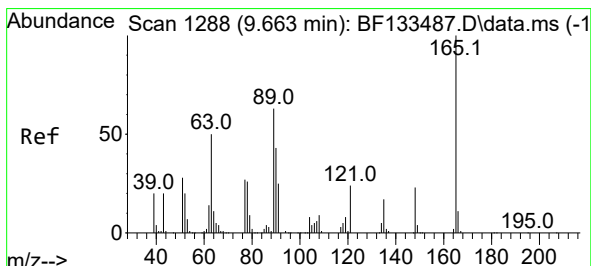
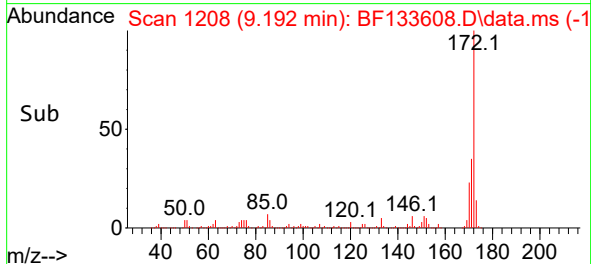
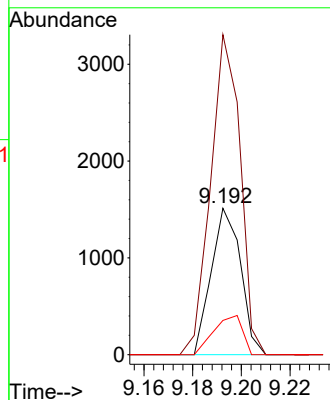
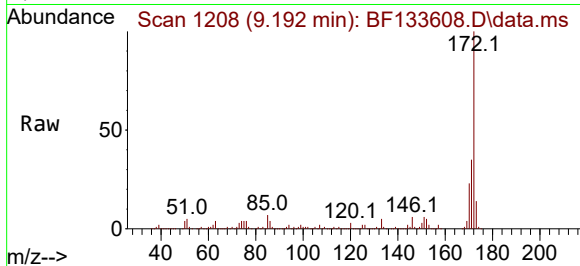




#48
2-Nitroaniline
Concen: 4.311 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.223 min
Lab File: BF133608.D
Acq: 07 Jun 2023 01:38

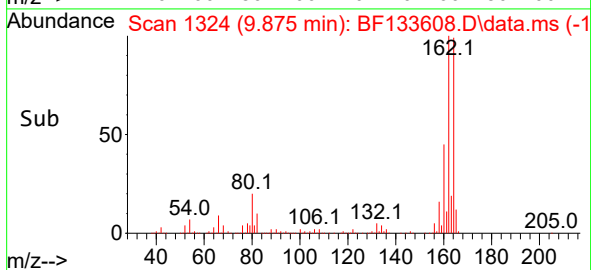
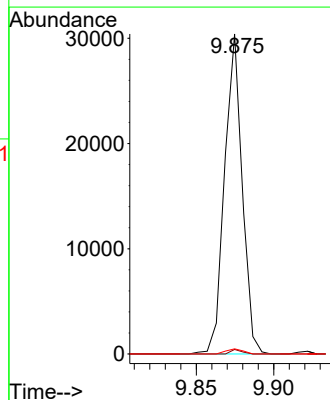
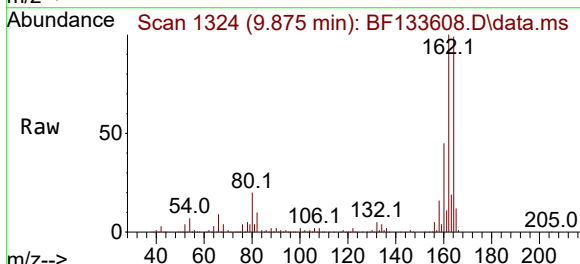
Instrument :
BNA_F
ClientSampleId :
277

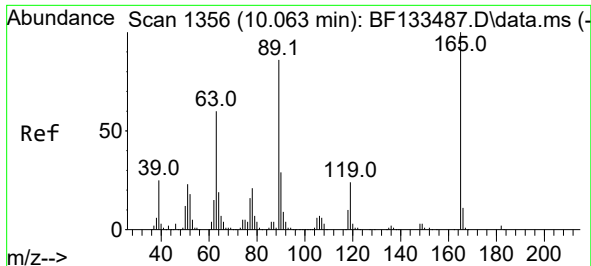
Tgt Ion: 65 Resp: 1268
Ion Ratio Lower Upper
65 100
92 218.7 50.8 76.2#
138 23.4 82.6 124.0#



#51
2,6-Dinitrotoluene
Concen: 12.324 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF133608.D
Acq: 07 Jun 2023 01:38

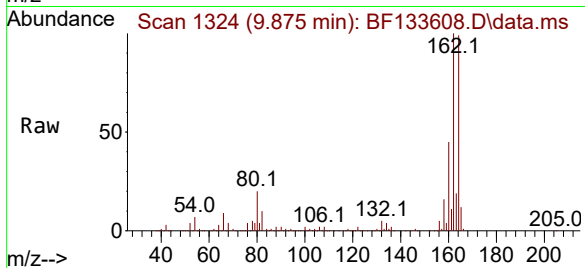
Tgt Ion: 165 Resp: 24022
Ion Ratio Lower Upper
165 100
63 1.4 57.0 85.4#
89 1.6 50.8 76.2#



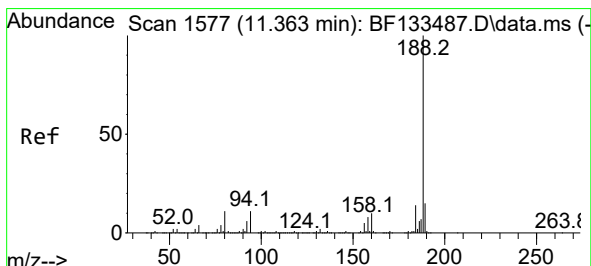
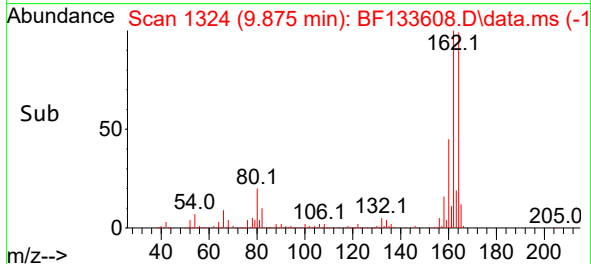
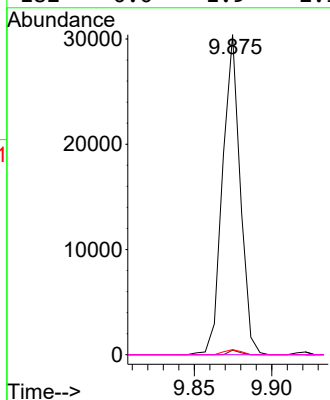


#57
2,4-Dinitrotoluene
Concen: 11.541 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF133608.D
Acq: 07 Jun 2023 01:38

Instrument :
BNA_F
ClientSampleId :
277

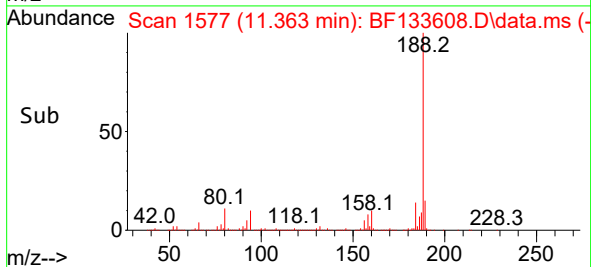
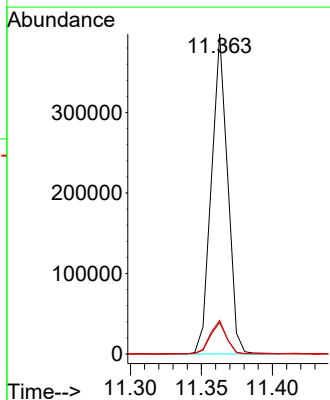
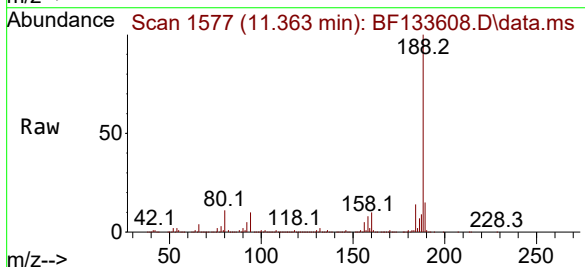


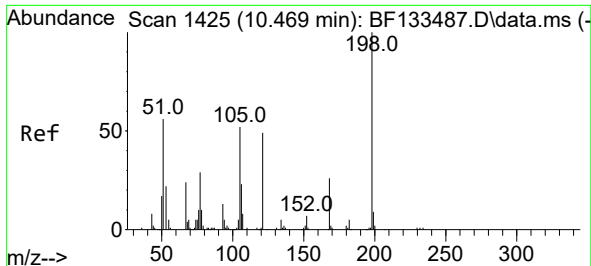
Tgt Ion:165 Resp: 24022
Ion Ratio Lower Upper
165 100
63 1.4 48.1 72.1#
89 1.6 68.4 102.6#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF133608.D
Acq: 07 Jun 2023 01:38

Tgt Ion:188 Resp: 314567
Ion Ratio Lower Upper
188 100
94 9.9 8.6 12.8
80 10.5 9.2 13.8

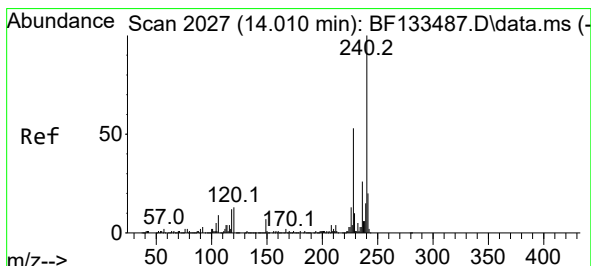
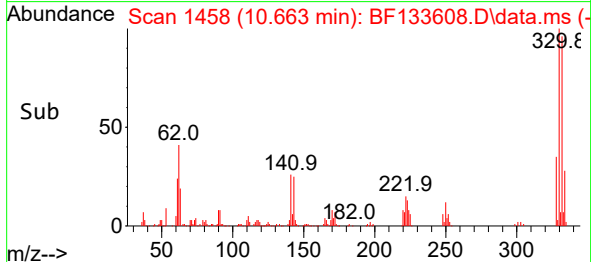
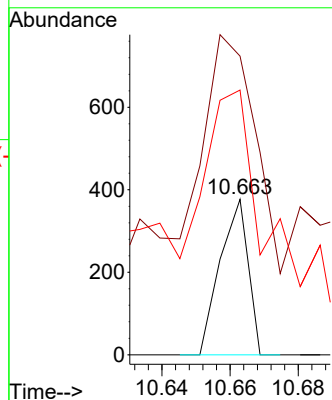
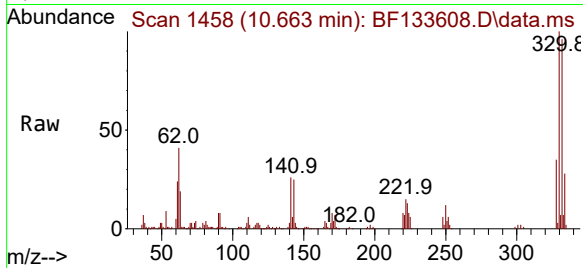




#65
4,6-Dinitro-2-methylphenol
Concen: 8.848 ng
RT: 10.663 min Scan# 1425
Delta R.T. 0.188 min
Lab File: BF133608.D
Acq: 07 Jun 2023 01:38

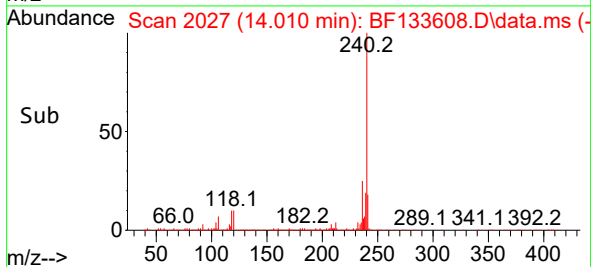
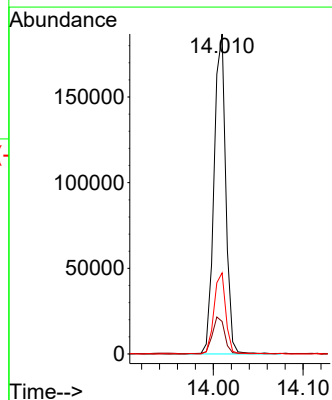
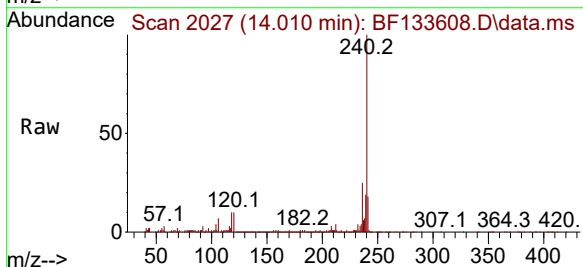
Instrument :
BNA_F
ClientSampleId :
277

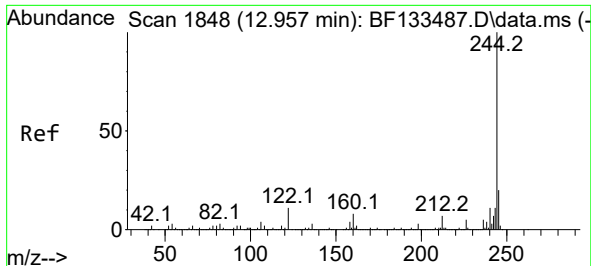
Tgt Ion:198 Resp: 215
Ion Ratio Lower Upper
198 100
51 192.0 53.6 93.6#
105 170.3 35.9 75.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF133608.D
Acq: 07 Jun 2023 01:38

Tgt Ion:240 Resp: 169655
Ion Ratio Lower Upper
240 100
120 10.1 10.3 15.5#
236 25.3 20.5 30.7

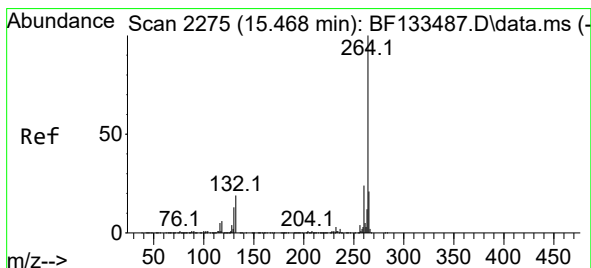
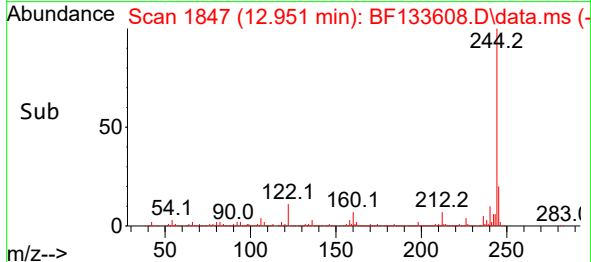
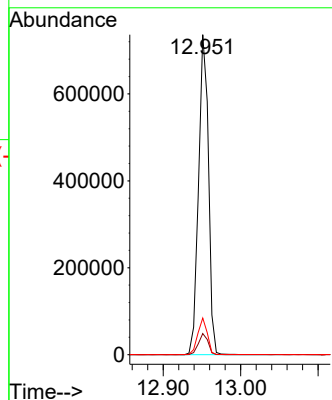
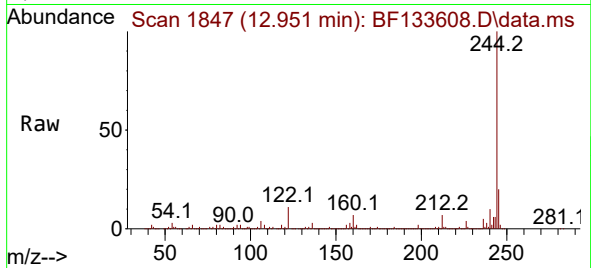




#79
Terphenyl-d14
Concen: 68.447 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF133608.D
Acq: 07 Jun 2023 01:38

Instrument :
BNA_F
ClientSampleId :
277

Tgt Ion:244 Resp: 653121
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 11.4 8.5 12.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF133608.D
Acq: 07 Jun 2023 01:38

Tgt Ion:264 Resp: 150051
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.4
265 21.5 16.8 25.2

