

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133280.D
 Acq On : 05 May 2023 23:57
 Operator : CG\JU
 Sample : 02618-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: May 06 05:53:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

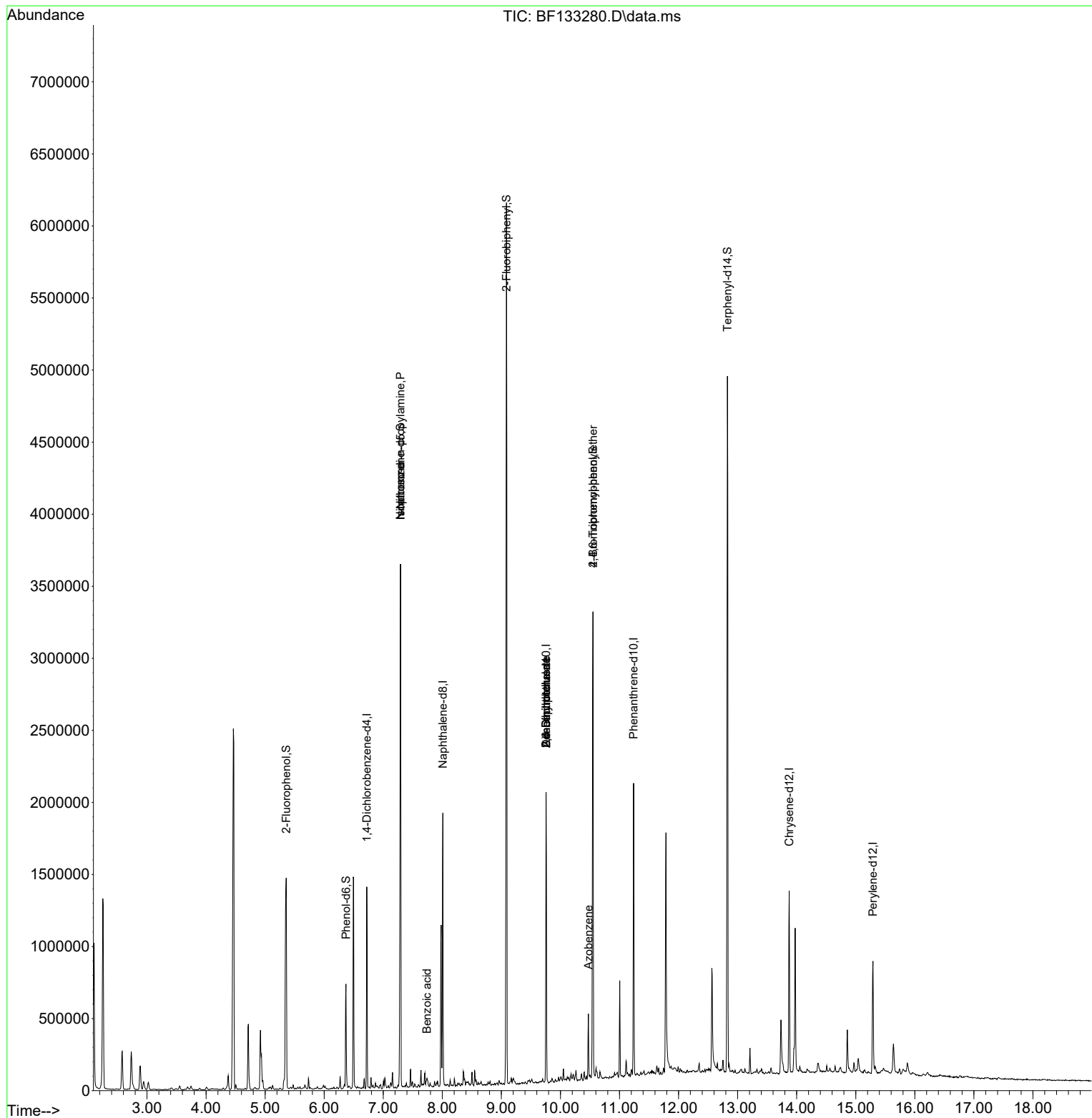
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	184627	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	737947	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	387253	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	681707	20.000	ng	0.00
76) Chrysene-d12	13.874	240	390599	20.000	ng	0.00
86) Perylene-d12	15.292	264	334123	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	616836	50.469	ng	0.02
7) Phenol-d6	6.369	99	234036	15.427	ng	0.00
23) Nitrobenzene-d5	7.292	82	1201215	87.862	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	422096	108.381	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1987704	85.872	ng	0.00
79) Terphenyl-d14	12.827	244	1826967	80.669	ng	0.00
Target Compounds						
9) Benzaldehyde	6.269	77	14554	Below Cal		Qvalue 98
19) n-Nitroso-di-n-propyla...	7.292	70	159531	16.892	ng	# 78
25) Isophorone	7.292	82	1198771	46.182	ng	# 63
32) Benzoic acid	7.739	122	15291	2.161	ng	99
50) Dimethylphthalate	9.757	163	72990	2.703	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	49999	8.227	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	49999	6.451	ng	# 23
63) Azobenzene	10.474	77	71830	2.659	ng	# 1
67) 4-Bromophenyl-phenylether	10.551	248	26847	3.631	ng	# 1

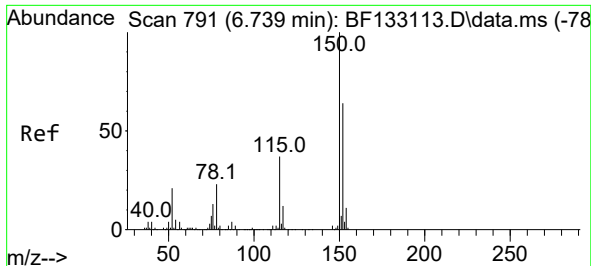
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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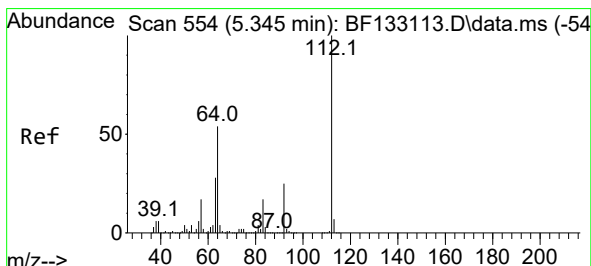
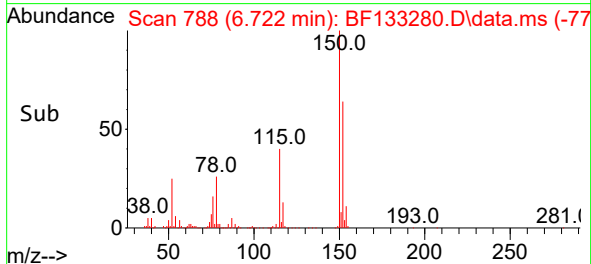
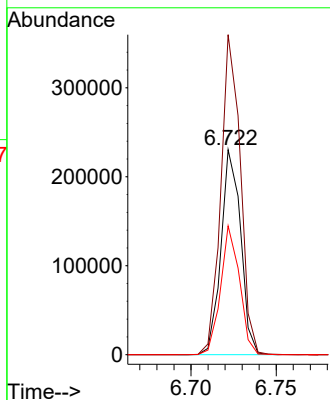
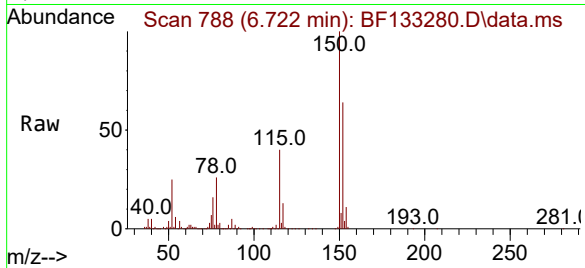




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF133280.D
 Acq: 05 May 2023 23:57

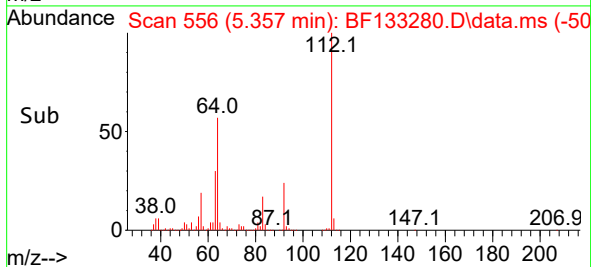
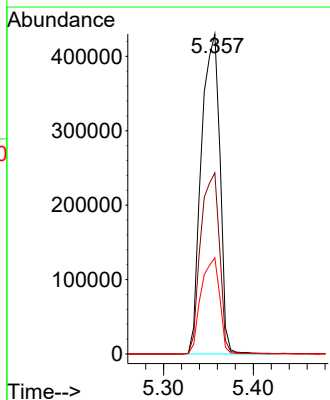
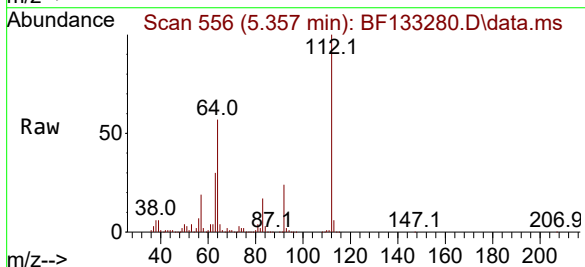
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

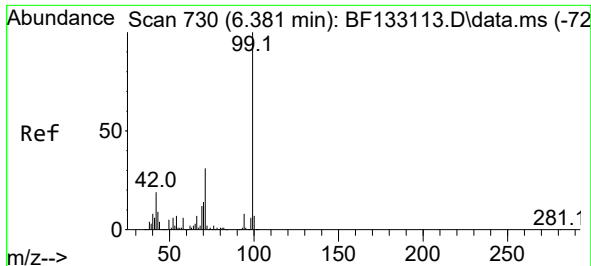
Tgt Ion:152 Resp: 184627
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.8 187.2
 115 62.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 50.469 ng
 RT: 5.357 min Scan# 556
 Delta R.T. 0.023 min
 Lab File: BF133280.D
 Acq: 05 May 2023 23:57

Tgt Ion:112 Resp: 616836
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.8 70.2
 63 30.1 23.8 35.8

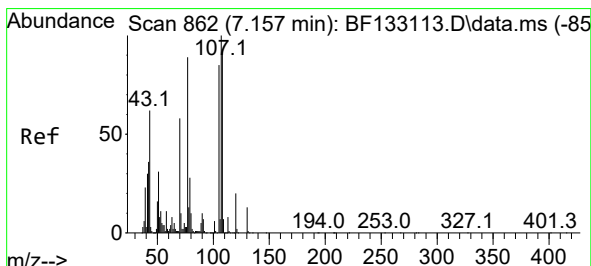
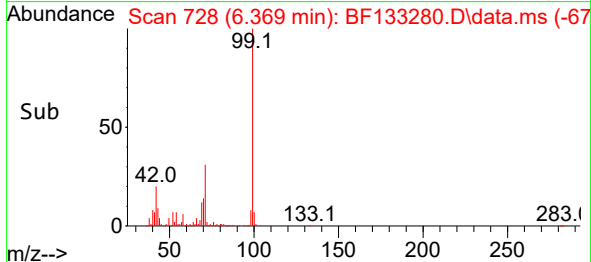
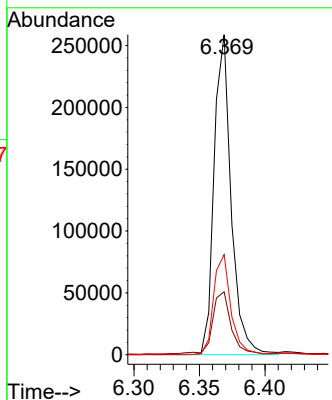
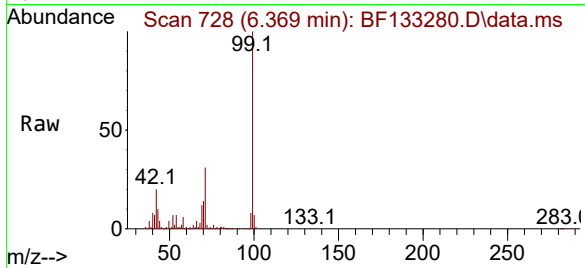




#7
Phenol-d6
Concen: 15.427 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133280.D
Acq: 05 May 2023 23:57

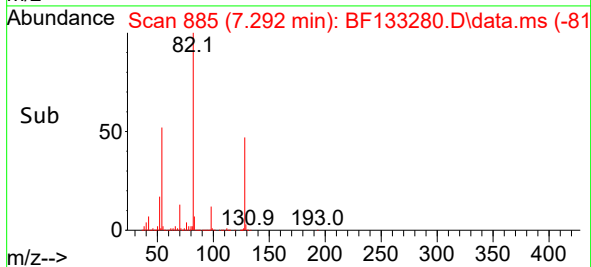
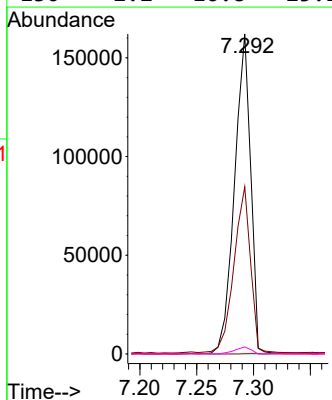
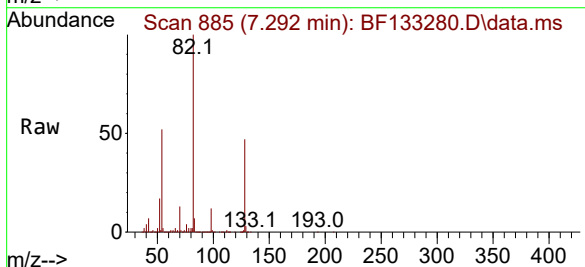
Instrument :
BNA_F
ClientSampleId :
DSN001

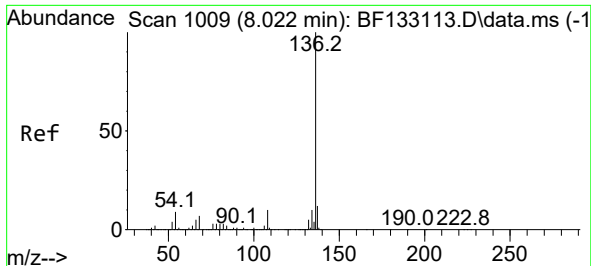
Tgt Ion: 99 Resp: 234036
Ion Ratio Lower Upper
99 100
42 19.7 16.3 24.5
71 31.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.892 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133280.D
Acq: 05 May 2023 23:57

Tgt Ion: 70 Resp: 159531
Ion Ratio Lower Upper
70 100
42 52.2 51.8 77.6
101 0.1 8.0 12.0#
130 2.2 16.8 25.2#

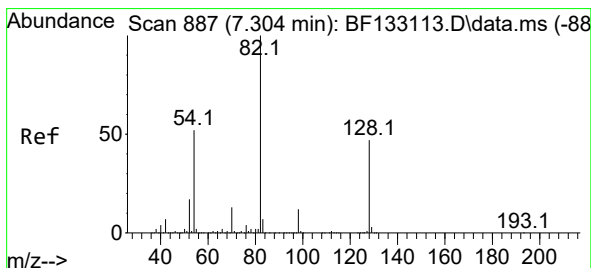
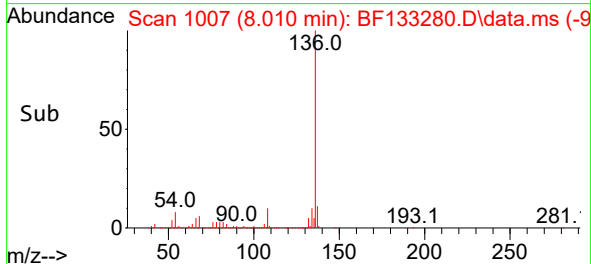
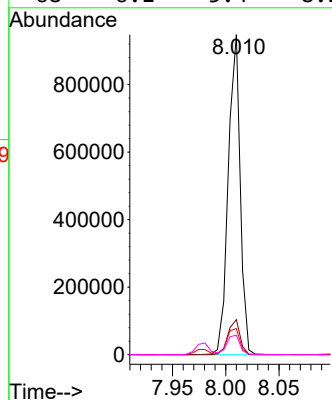
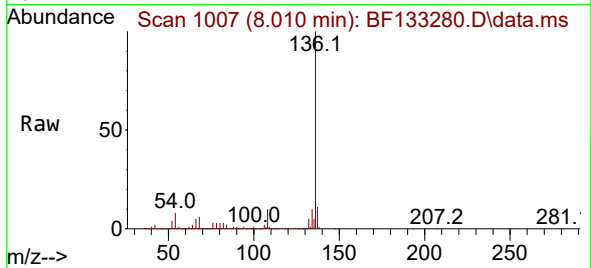




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF133280.D
Acq: 05 May 2023 23:57

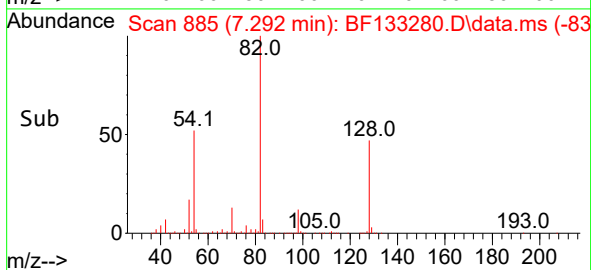
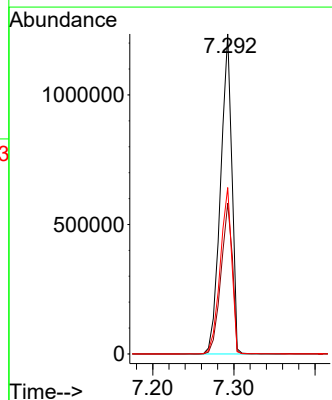
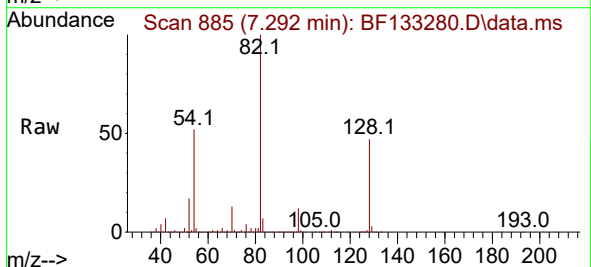
Instrument :
BNA_F
ClientSampleId :
DSN001

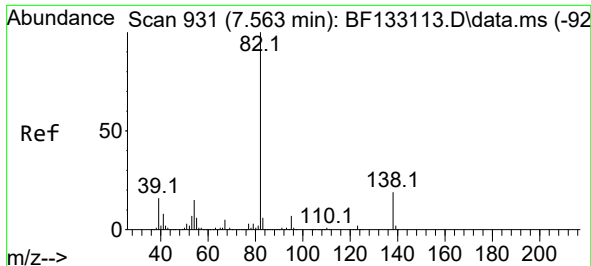
Tgt Ion:136 Resp: 737947
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.2 7.0 10.4
68 6.1 5.4 8.2



#23
Nitrobenzene-d5
Concen: 87.862 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133280.D
Acq: 05 May 2023 23:57

Tgt Ion: 82 Resp: 1201215
Ion Ratio Lower Upper
82 100
128 47.1 37.7 56.5
54 52.0 43.0 64.4

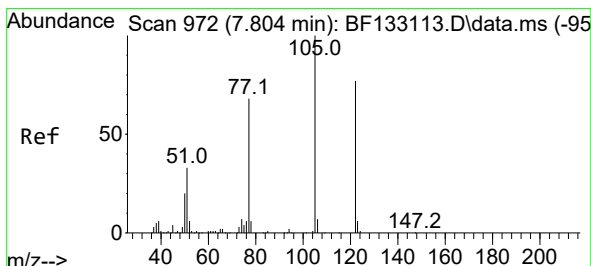
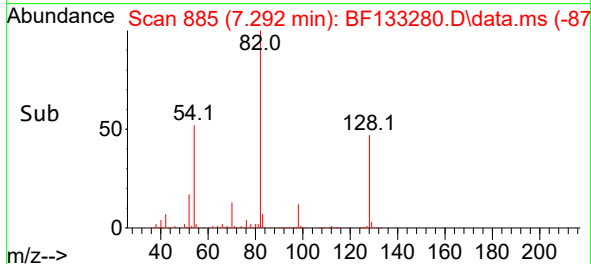
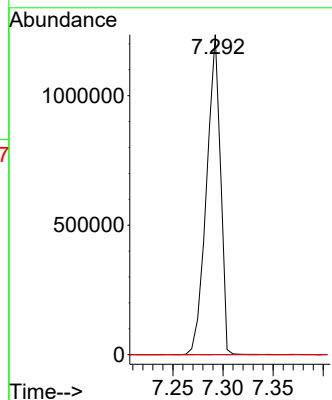
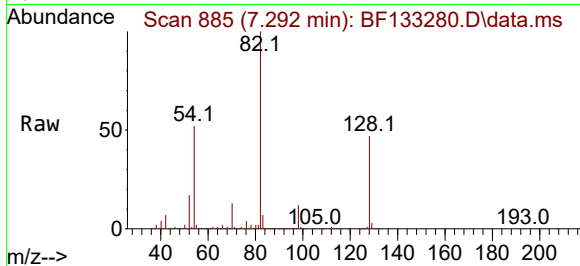




#25
Isophorone
Concen: 46.182 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133280.D
Acq: 05 May 2023 23:57

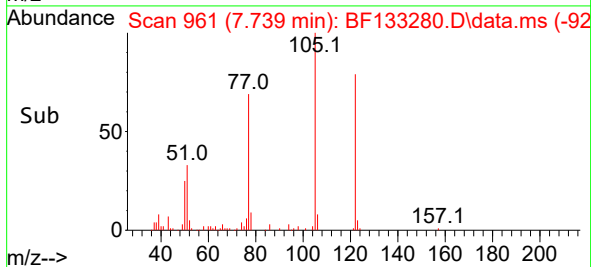
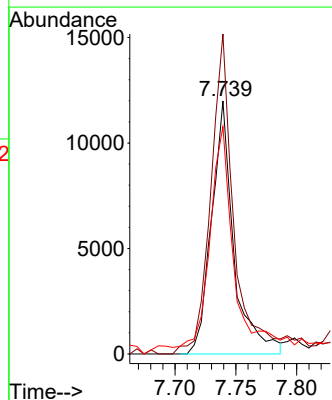
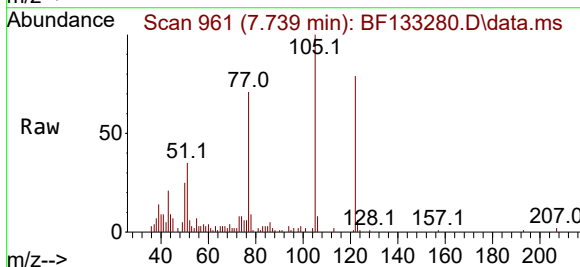
Instrument :
BNA_F
ClientSampleId :
DSN001

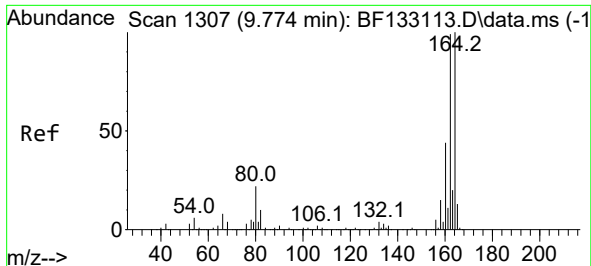
Tgt Ion: 82 Resp: 1198771
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#32
Benzoic acid
Concen: 2.161 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.059 min
Lab File: BF133280.D
Acq: 05 May 2023 23:57

Tgt Ion:122 Resp: 15291
Ion Ratio Lower Upper
122 100
105 126.5 104.2 144.2
77 89.9 69.7 109.7

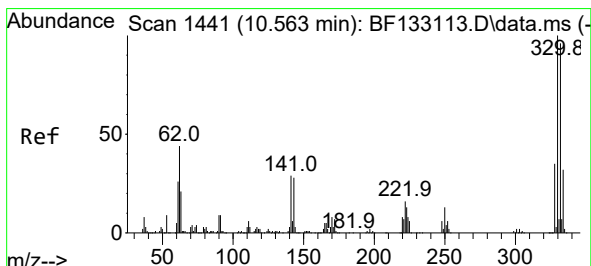
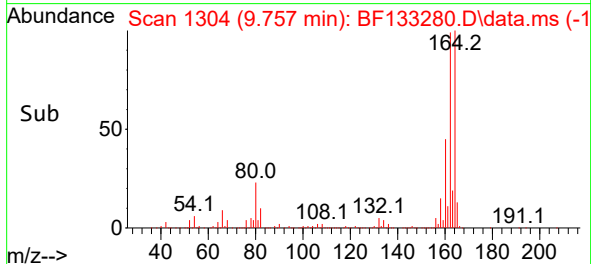
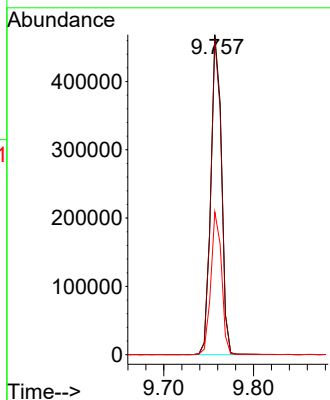
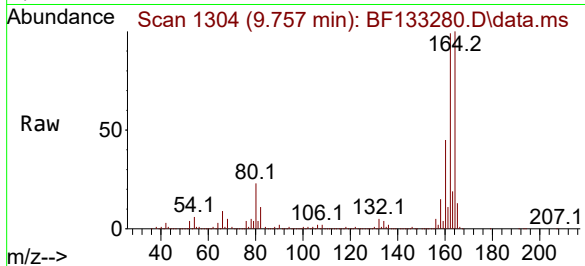




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133280.D
Acq: 05 May 2023 23:57

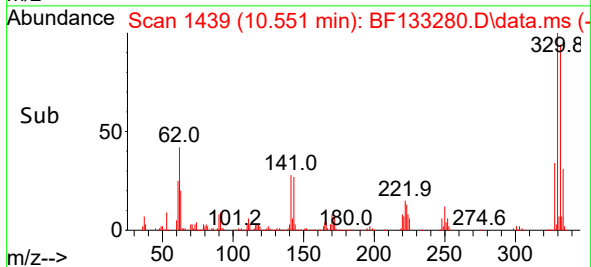
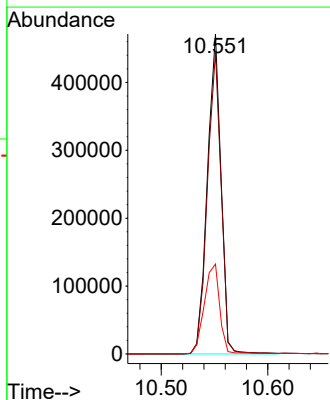
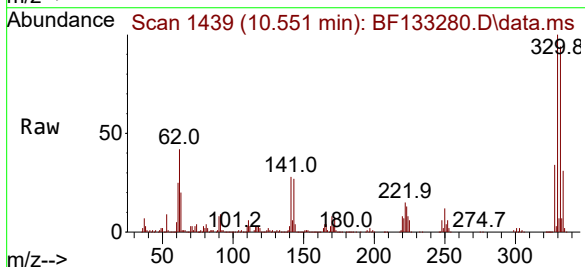
Instrument :
BNA_F
ClientSampleId :
DSN001

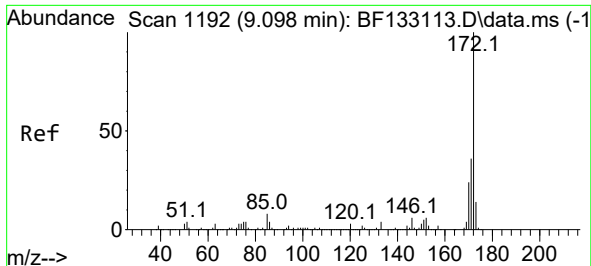
Tgt Ion:164 Resp: 387253
Ion Ratio Lower Upper
164 100
162 98.6 78.7 118.1
160 44.6 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 108.381 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF133280.D
Acq: 05 May 2023 23:57

Tgt Ion:330 Resp: 422096
Ion Ratio Lower Upper
330 100
332 95.2 77.1 115.7
141 31.9 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 85.872 ng

RT: 9.086 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF133280.D

Acq: 05 May 2023 23:57

Instrument :

BNA_F

ClientSampleId :

DSN001

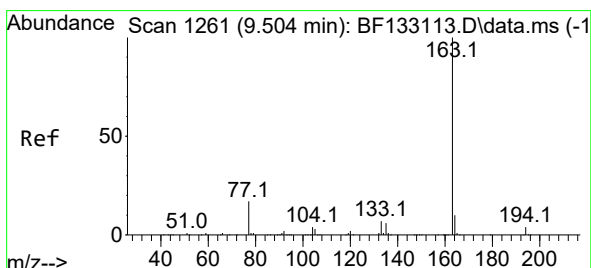
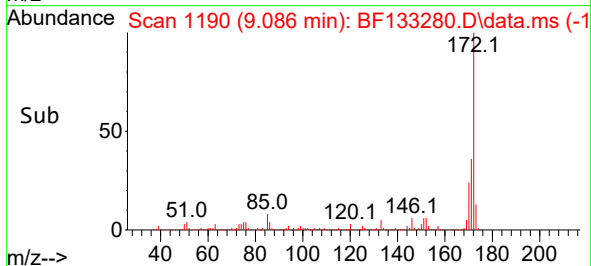
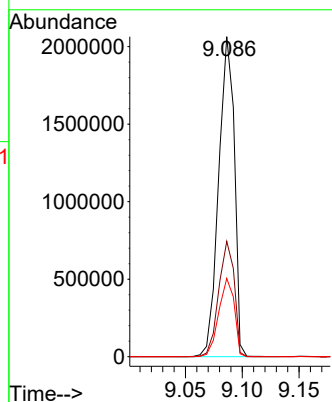
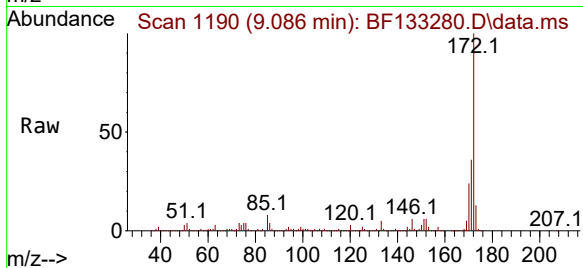
Tgt Ion:172 Resp: 1987704

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.4 19.4 29.2



#50

Dimethylphthalate

Concen: 2.703 ng

RT: 9.757 min Scan# 1304

Delta R.T. 0.265 min

Lab File: BF133280.D

Acq: 05 May 2023 23:57

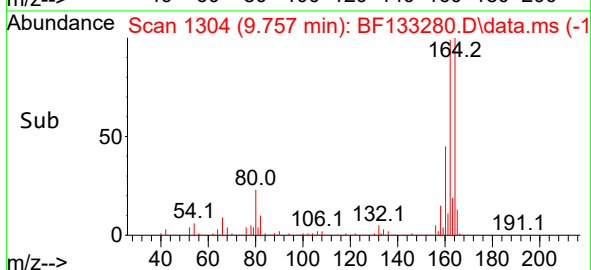
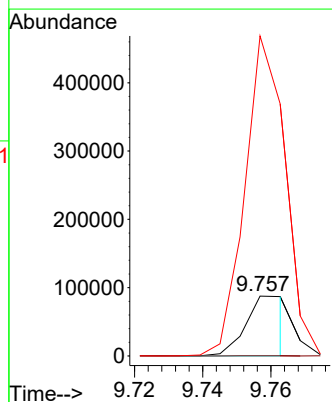
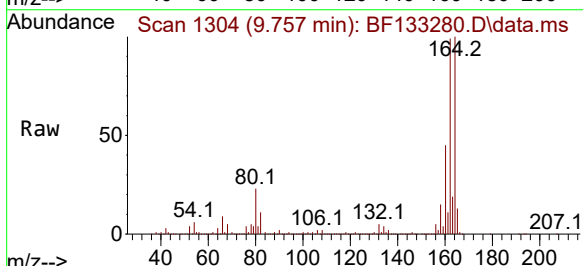
Tgt Ion:163 Resp: 72990

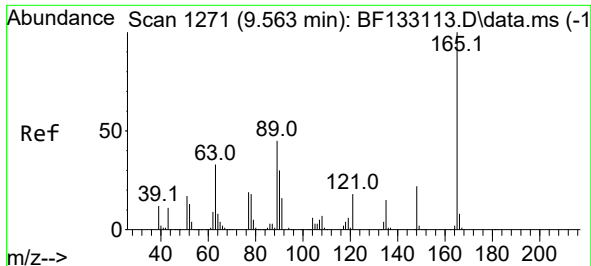
Ion Ratio Lower Upper

163 100

194 0.2 3.1 4.7#

164 535.2 8.5 12.7#

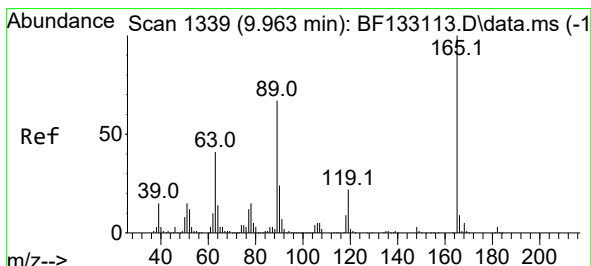
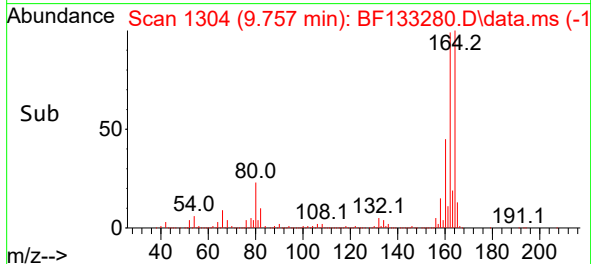
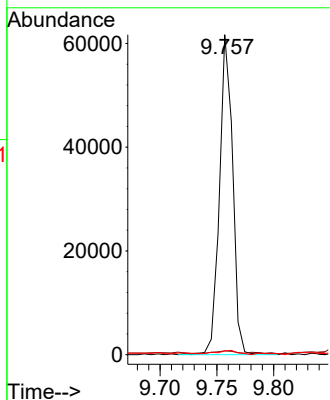
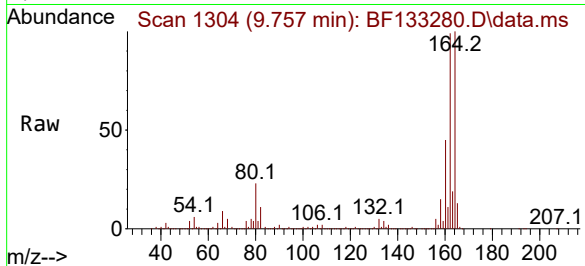




#51
2,6-Dinitrotoluene
Concen: 8.227 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133280.D
Acq: 05 May 2023 23:57

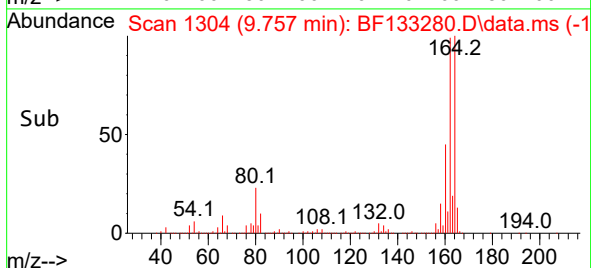
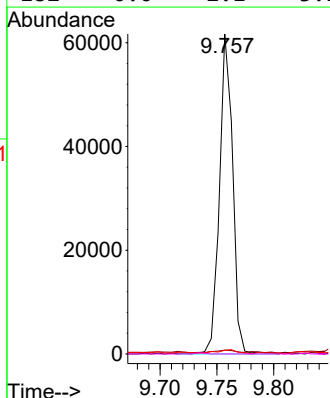
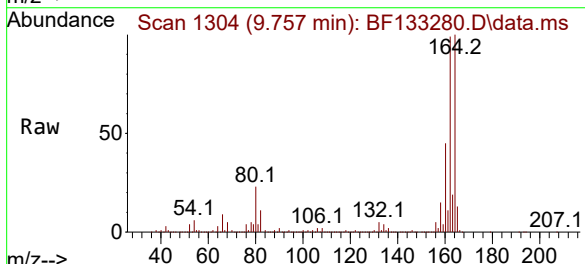
Instrument :
BNA_F
ClientSampleId :
DSN001

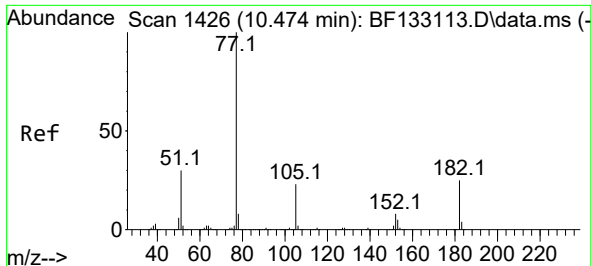
Tgt Ion:165 Resp: 49999
Ion Ratio Lower Upper
165 100
63 1.2 45.9 68.9#
89 1.2 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.451 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF133280.D
Acq: 05 May 2023 23:57

Tgt Ion:165 Resp: 49999
Ion Ratio Lower Upper
165 100
63 1.2 37.7 56.5#
89 1.2 57.0 85.4#
182 0.0 2.1 3.1#

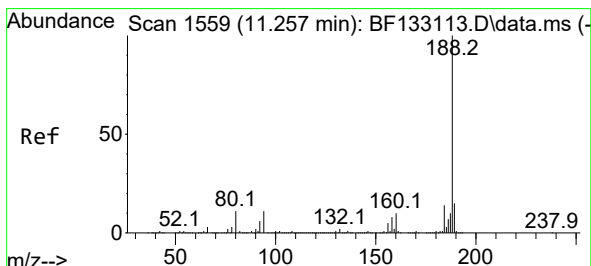
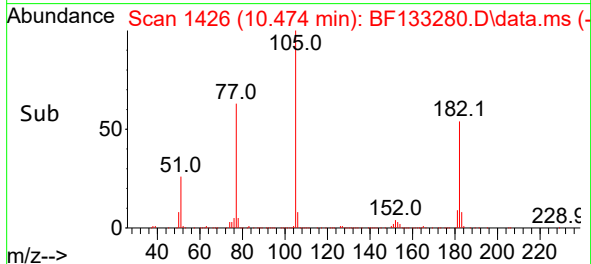
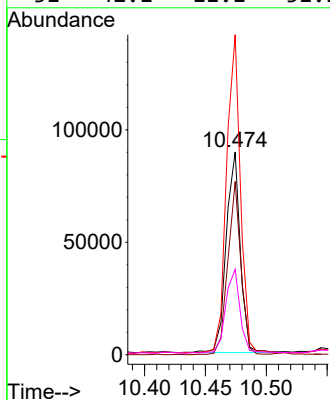
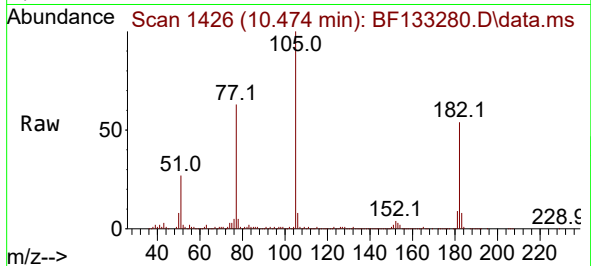




#63
Azobenzene
Concen: 2.659 ng
RT: 10.474 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF133280.D
Acq: 05 May 2023 23:57

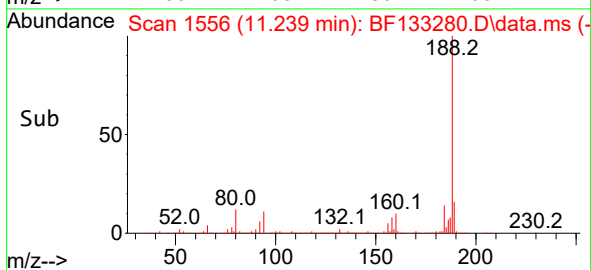
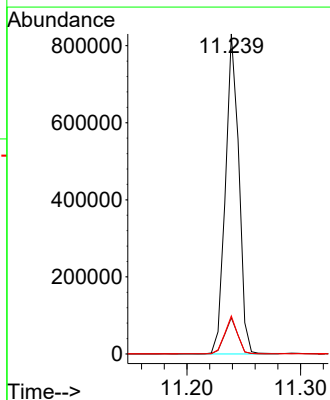
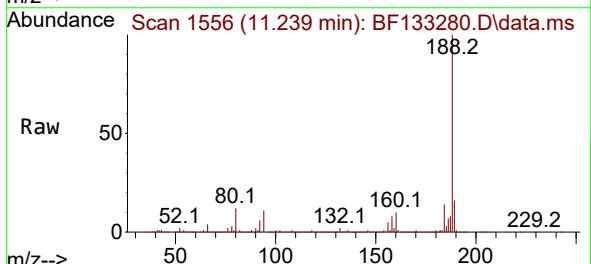
Instrument :
BNA_F
ClientSampleId :
DSN001

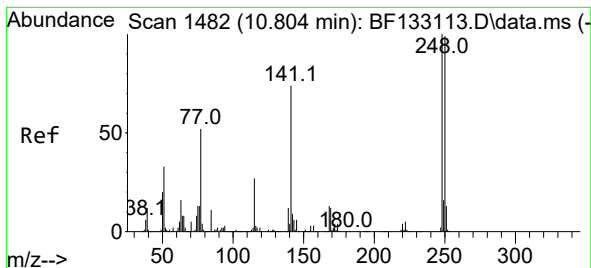
Tgt Ion: 77 Resp: 71830
Ion Ratio Lower Upper
77 100
182 85.4 5.9 45.9#
105 157.9 2.3 42.3#
51 42.1 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133280.D
Acq: 05 May 2023 23:57

Tgt Ion: 188 Resp: 681707
Ion Ratio Lower Upper
188 100
94 11.3 9.7 14.5
80 11.9 10.4 15.6

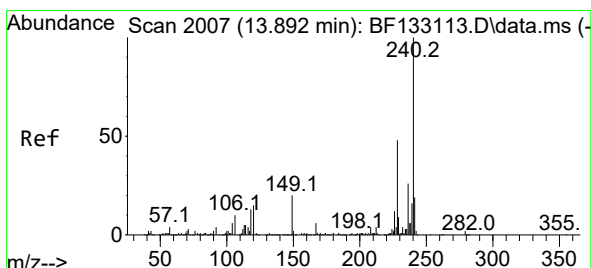
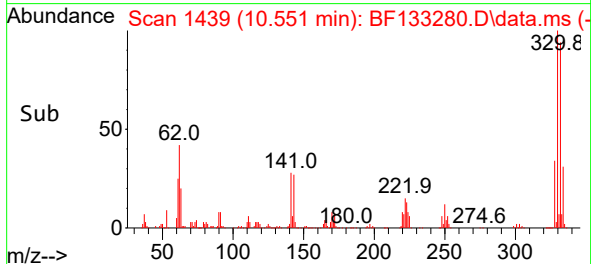
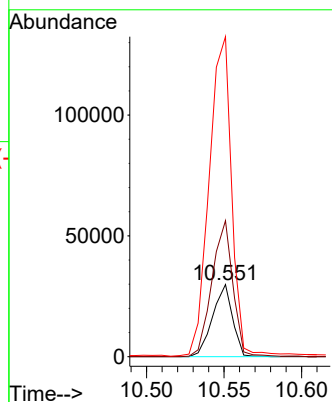
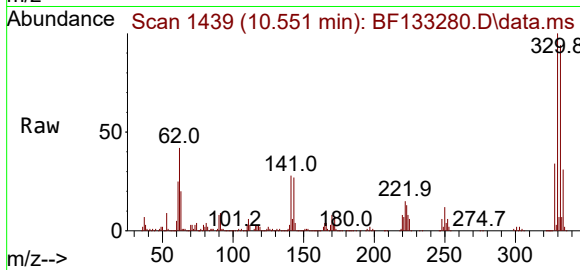




#67
4-Bromophenyl-phenylether
Concen: 3.631 ng
RT: 10.551 min Scan# 1482
Delta R.T. -0.241 min
Lab File: BF133280.D
Acq: 05 May 2023 23:57

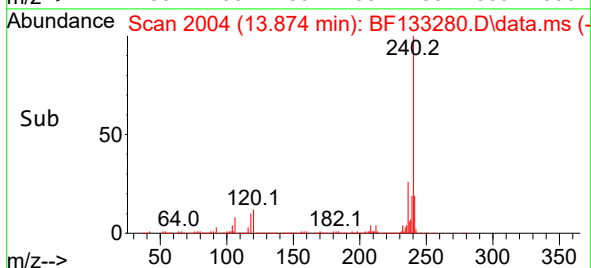
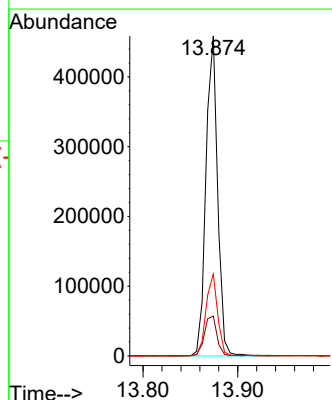
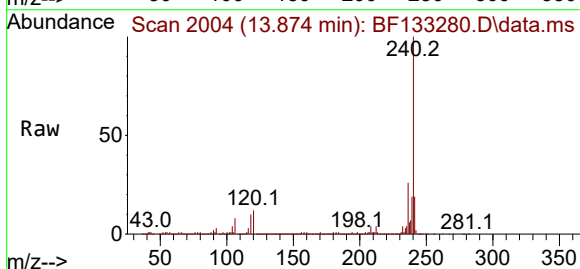
Instrument :
BNA_F
ClientSampleId :
DSN001

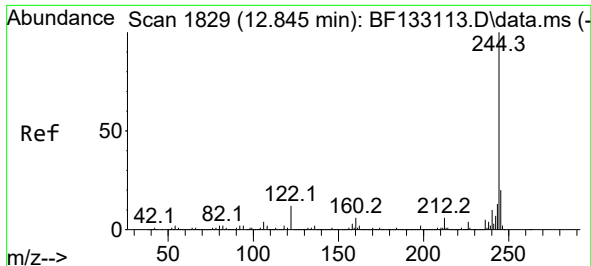
Tgt Ion:248 Resp: 26847
Ion Ratio Lower Upper
248 100
250 188.4 78.7 118.1#
141 443.1 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133280.D
Acq: 05 May 2023 23:57

Tgt Ion:240 Resp: 390599
Ion Ratio Lower Upper
240 100
120 12.4 10.5 15.7
236 25.6 21.5 32.3

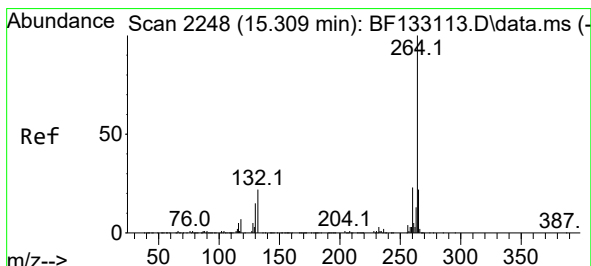
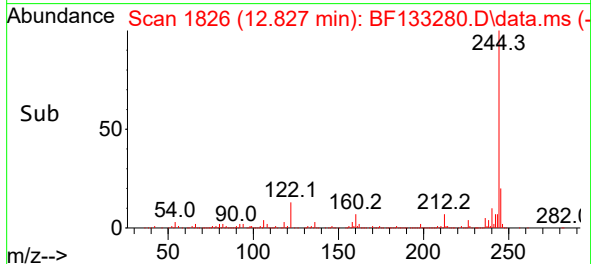
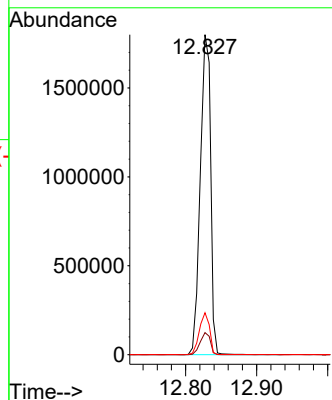
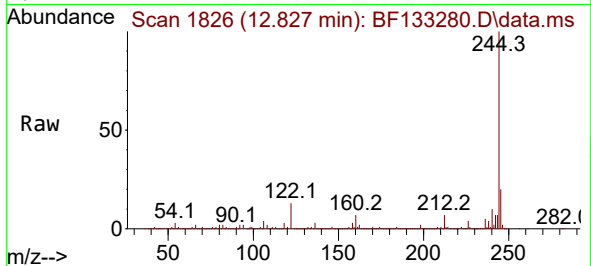




#79
 Terphenyl-d14
 Concen: 80.669 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133280.D
 Acq: 05 May 2023 23:57

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:244 Resp: 1826967
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 13.1 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. -0.000 min
 Lab File: BF133280.D
 Acq: 05 May 2023 23:57

Tgt Ion:264 Resp: 334123
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.4 17.0 25.4

