

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135878.D
 Acq On : 19 Oct 2023 07:00
 Operator : CG\JU
 Sample : 04765-03 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-2

Quant Time: Oct 19 07:19:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

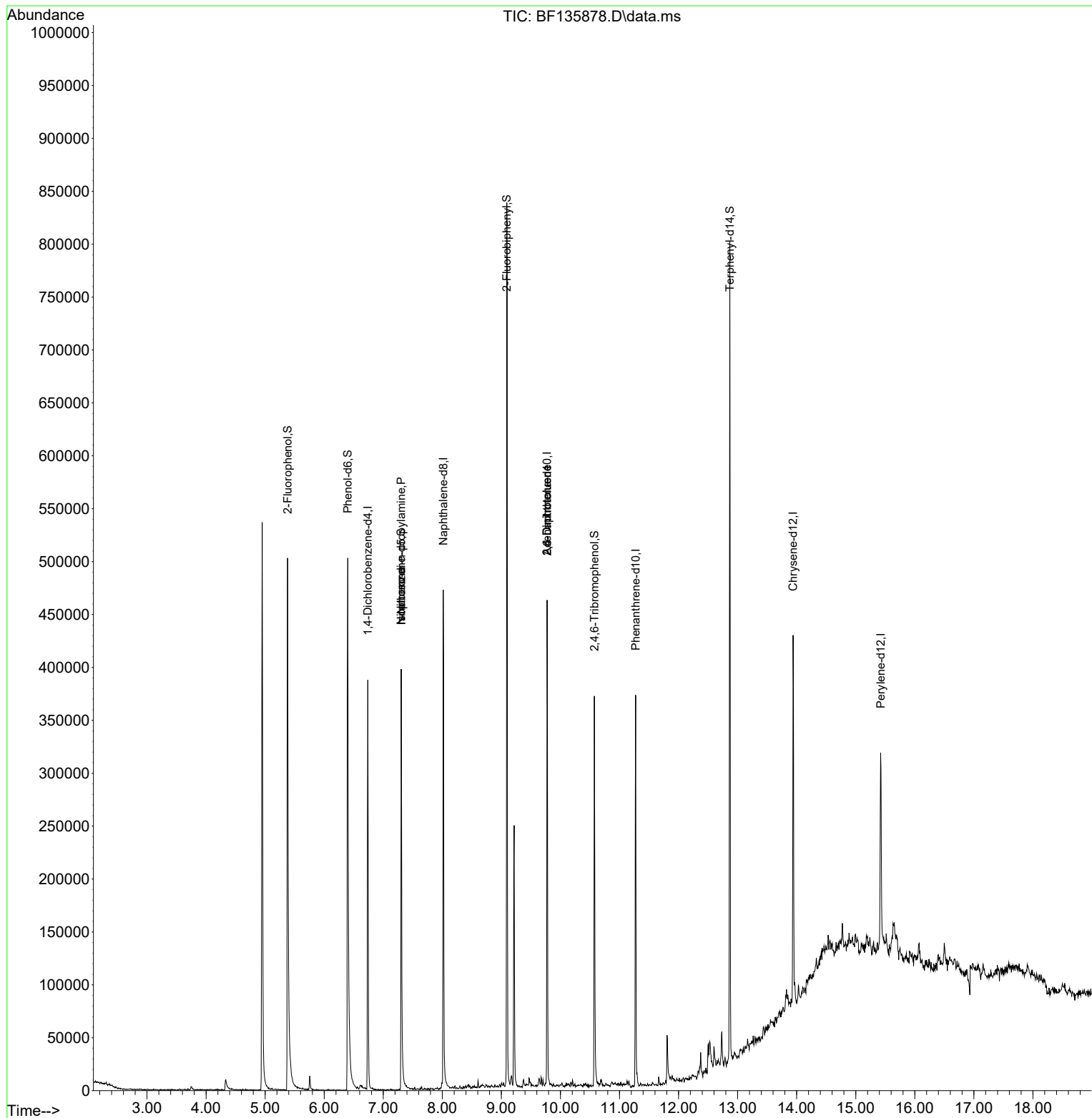
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	55527	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	213230	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	89837	20.000	ng	-0.01
64) Phenanthrene-d10	11.274	188	134777	20.000	ng	0.00
76) Chrysene-d12	13.939	240	118690	20.000	ng	-0.01
86) Perylene-d12	15.421	264	91979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	185473	53.703	ng	0.00
7) Phenol-d6	6.398	99	215492	50.007	ng	0.00
23) Nitrobenzene-d5	7.304	82	123830	31.940	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	43321	50.253	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	260182	45.282	ng	-0.01
79) Terphenyl-d14	12.868	244	245153	38.251	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	16248	6.098	ng	# 75
25) Isophorone	7.304	82	123830	16.930	ng	# 66
51) 2,6-Dinitrotoluene	9.775	165	11572	8.873	ng	# 16
57) 2,4-Dinitrotoluene	9.775	165	11572	6.975	ng	# 24

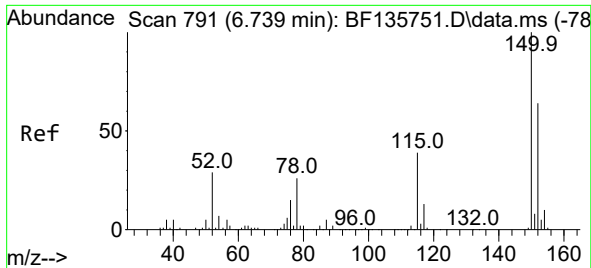
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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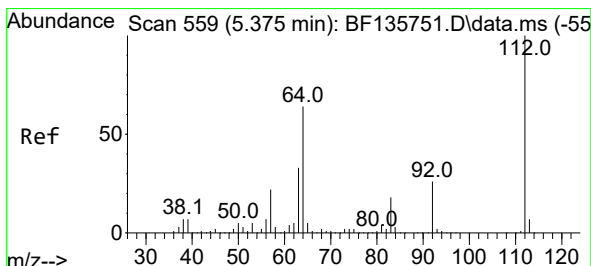
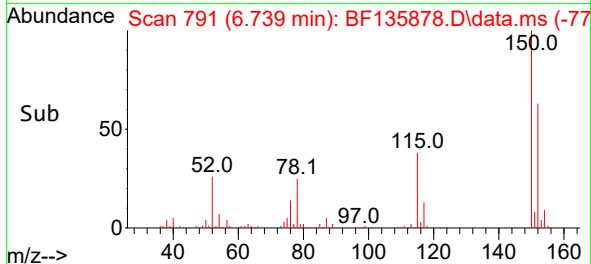
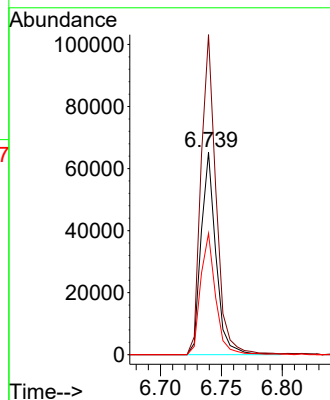
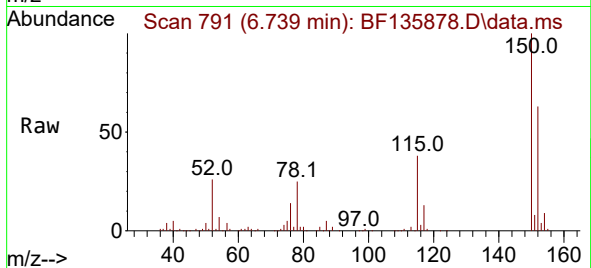




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135878.D
Acq: 19 Oct 2023 07:00

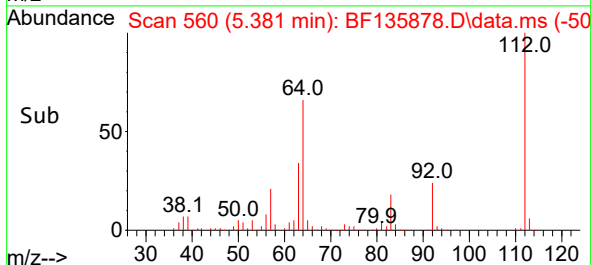
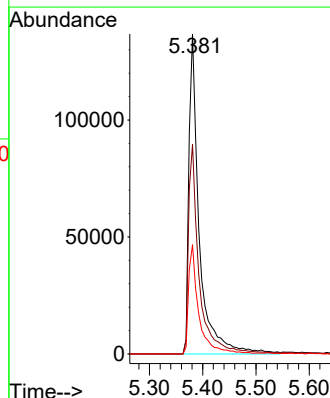
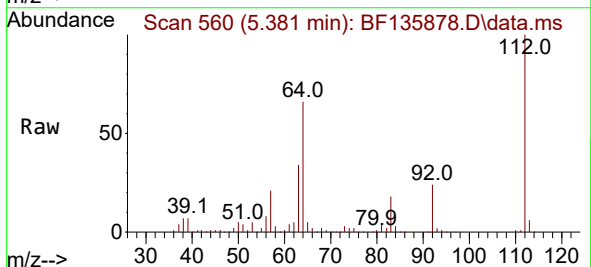
Instrument :
BNA_F
ClientSampleId :
TT-2

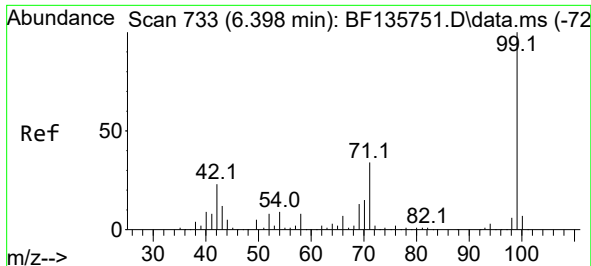
Tgt Ion:152 Resp: 55527
Ion Ratio Lower Upper
152 100
150 158.0 124.5 186.7
115 59.9 49.0 73.4



#5
2-Fluorophenol
Concen: 53.703 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF135878.D
Acq: 19 Oct 2023 07:00

Tgt Ion:112 Resp: 185473
Ion Ratio Lower Upper
112 100
64 65.6 51.2 76.8
63 34.1 26.1 39.1

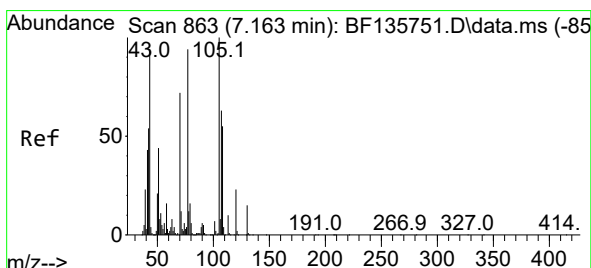
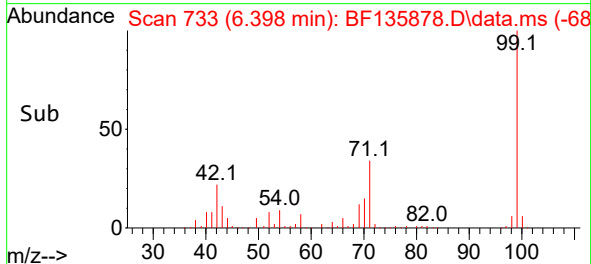
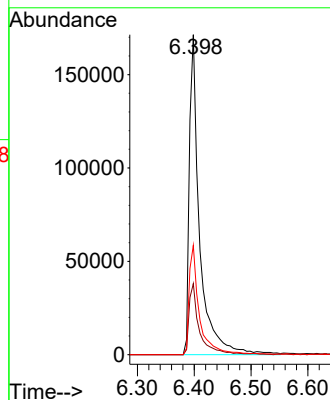
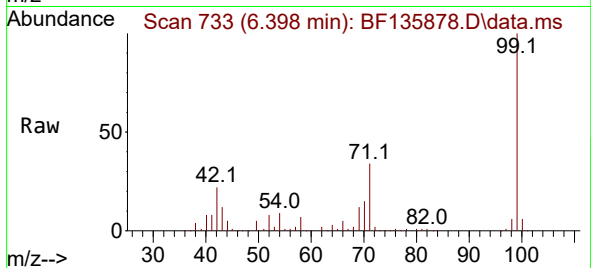




#7
Phenol-d6
Concen: 50.007 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135878.D
Acq: 19 Oct 2023 07:00

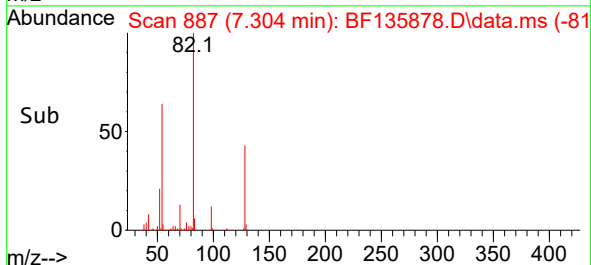
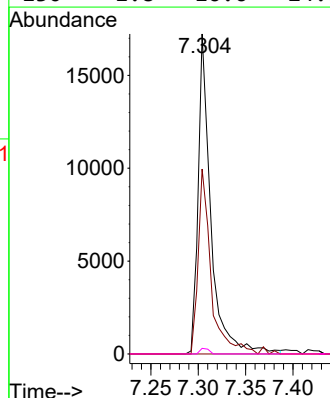
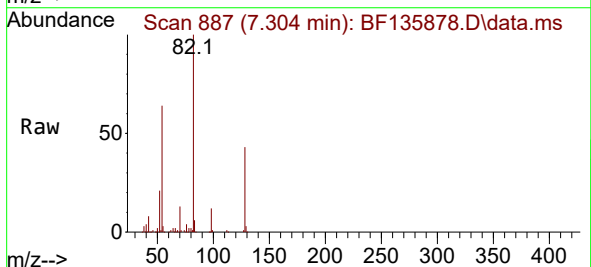
Instrument :
BNA_F
ClientSampleId :
TT-2

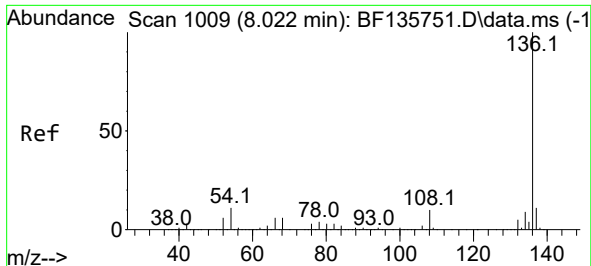
Tgt Ion: 99 Resp: 215492
Ion Ratio Lower Upper
99 100
42 22.2 18.4 27.6
71 34.2 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 6.098 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135878.D
Acq: 19 Oct 2023 07:00

Tgt Ion: 70 Resp: 16248
Ion Ratio Lower Upper
70 100
42 57.8 59.8 89.6#
101 0.0 7.4 11.2#
130 1.8 16.6 24.8#



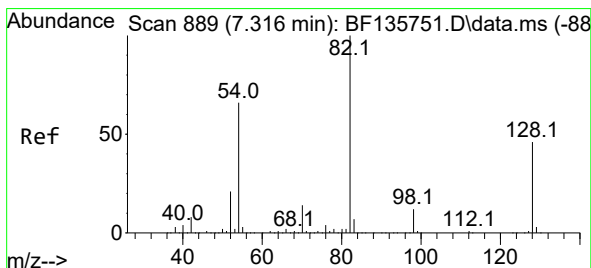
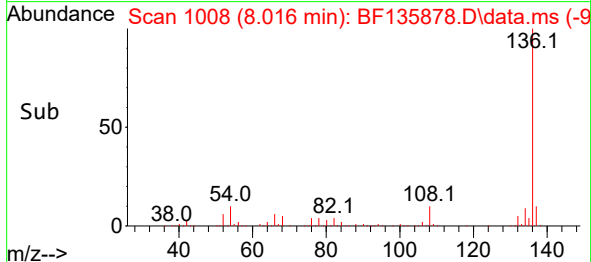
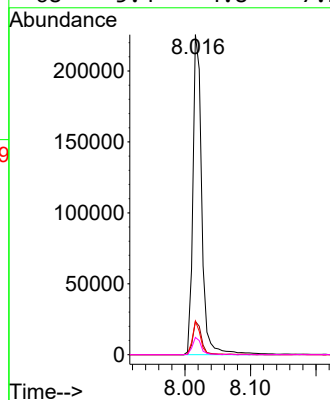
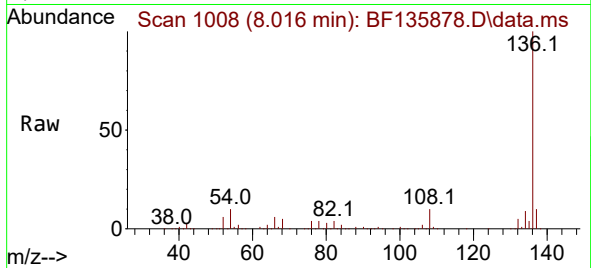


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135878.D
Acq: 19 Oct 2023 07:00

Instrument :
BNA_F
ClientSampleId :
TT-2

Tgt Ion:136 Resp: 213230

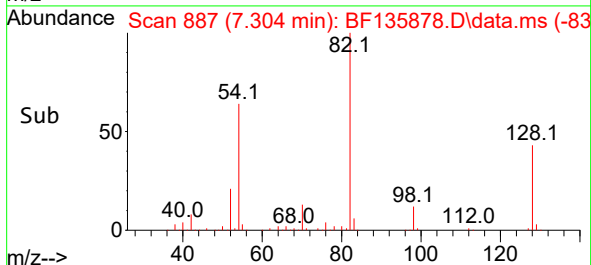
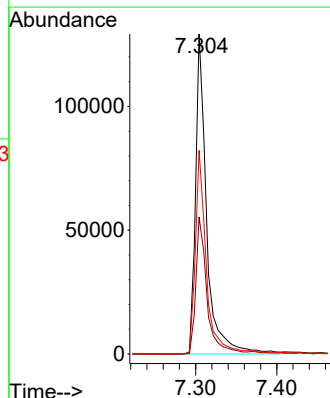
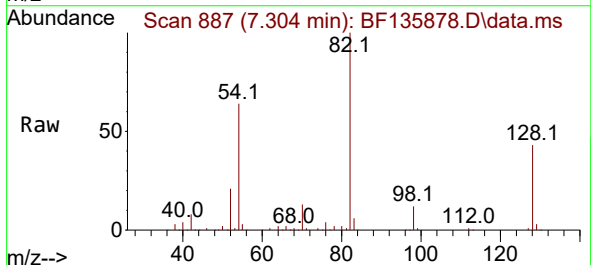
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	10.5	8.5	12.7
68	5.4	4.8	7.2

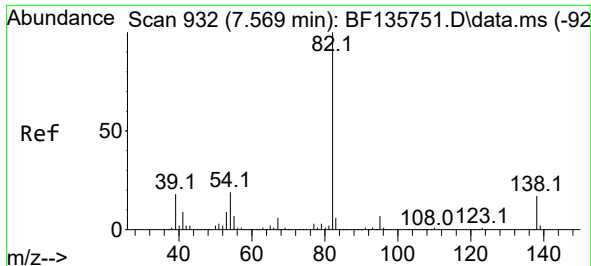


#23
Nitrobenzene-d5
Concen: 31.940 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135878.D
Acq: 19 Oct 2023 07:00

Tgt Ion: 82 Resp: 123830

Ion	Ratio	Lower	Upper
82	100		
128	42.8	37.0	55.6
54	63.7	52.8	79.2

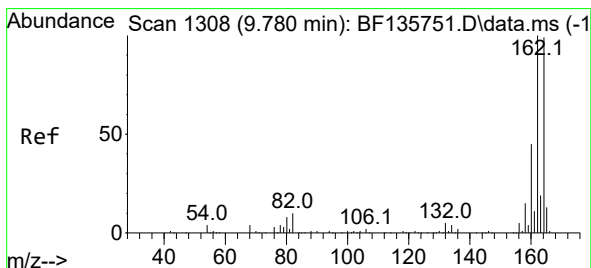
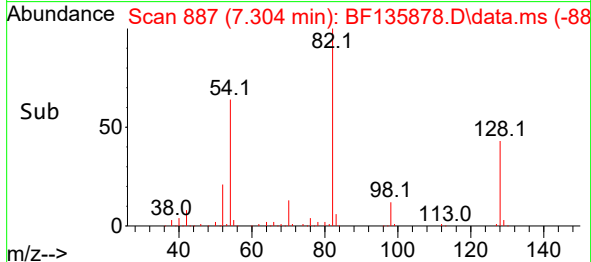
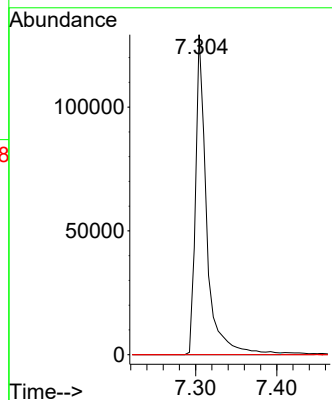
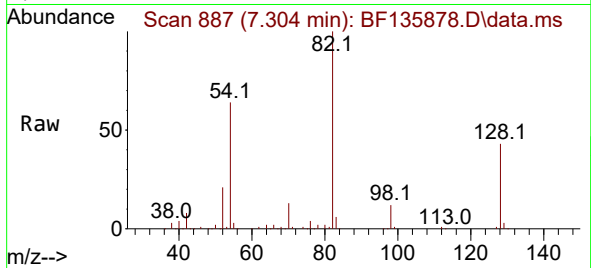




#25
Isophorone
Concen: 16.930 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135878.D
Acq: 19 Oct 2023 07:00

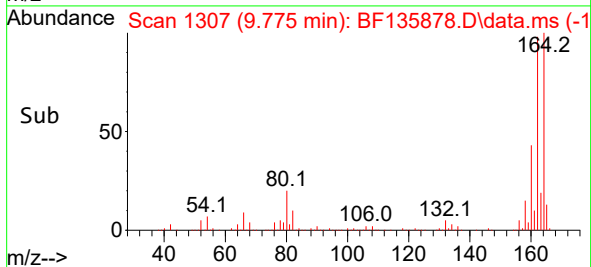
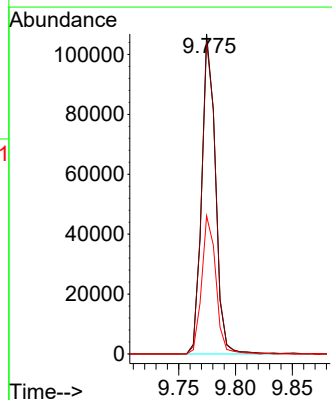
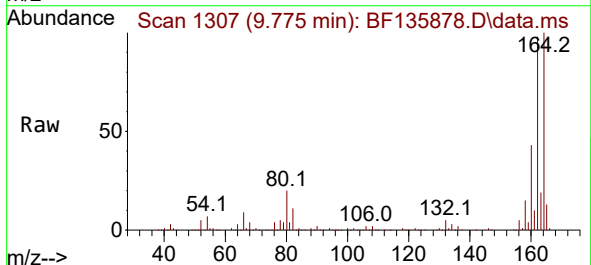
Instrument :
BNA_F
ClientSampleId :
TT-2

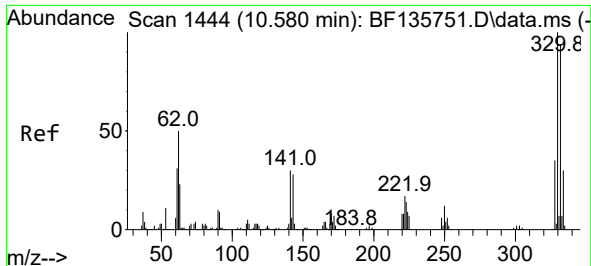
Tgt Ion: 82 Resp: 123830
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135878.D
Acq: 19 Oct 2023 07:00

Tgt Ion:164 Resp: 89837
Ion Ratio Lower Upper
164 100
162 97.7 80.8 121.2
160 43.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 50.253 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF135878.D

Acq: 19 Oct 2023 07:00

Instrument :

BNA_F

ClientSampleId :

TT-2

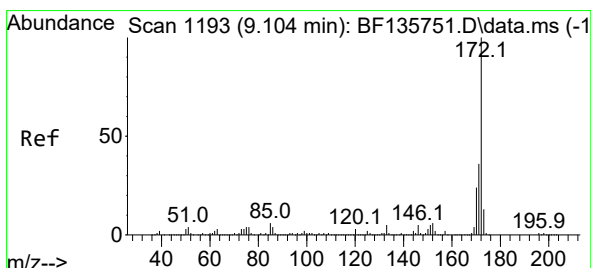
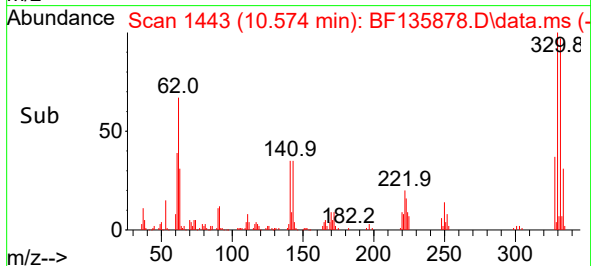
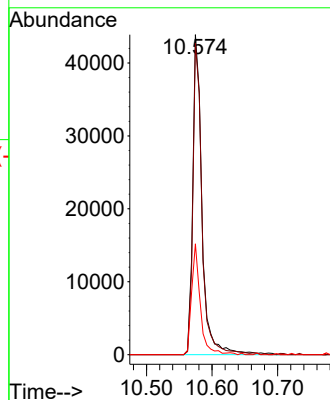
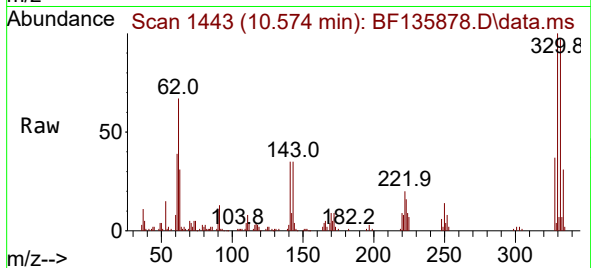
Tgt Ion:330 Resp: 43321

Ion Ratio Lower Upper

330 100

332 95.5 75.0 112.4

141 32.5 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 45.282 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135878.D

Acq: 19 Oct 2023 07:00

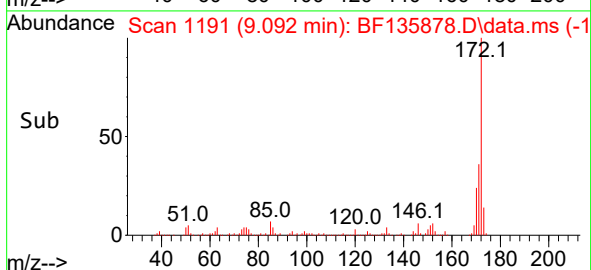
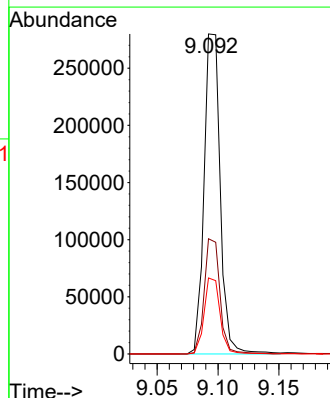
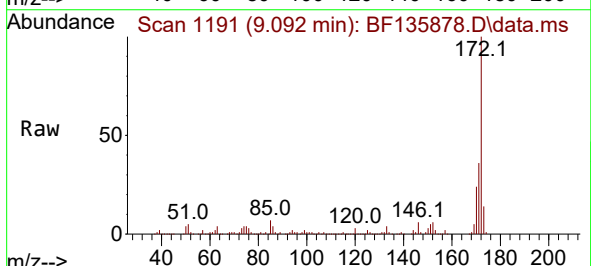
Tgt Ion:172 Resp: 260182

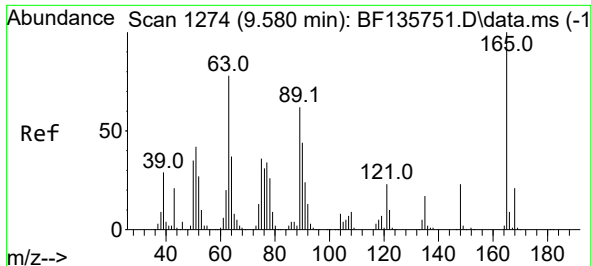
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.8 18.8 28.2

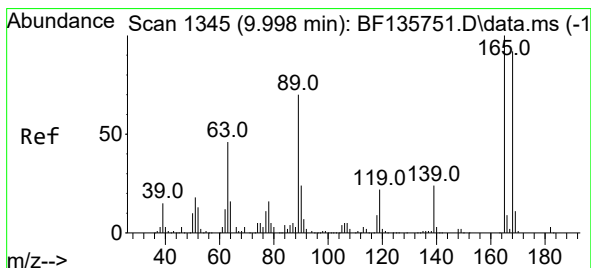
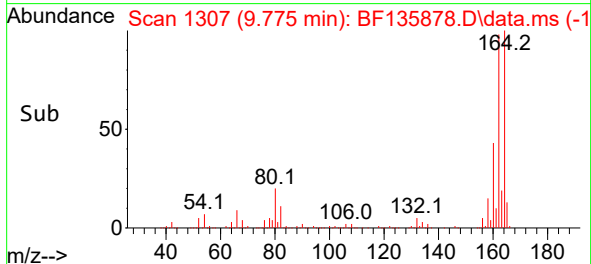
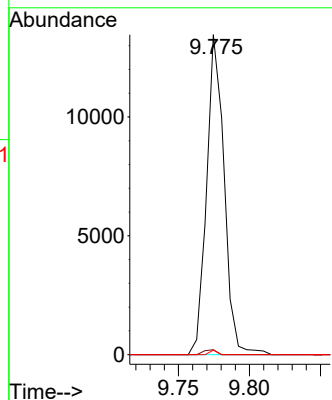
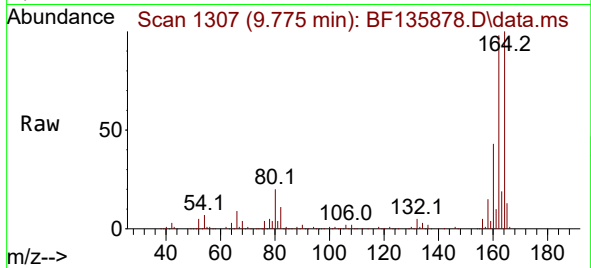




#51
2,6-Dinitrotoluene
Concen: 8.873 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135878.D
Acq: 19 Oct 2023 07:00

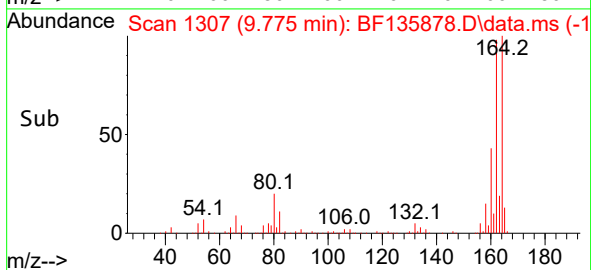
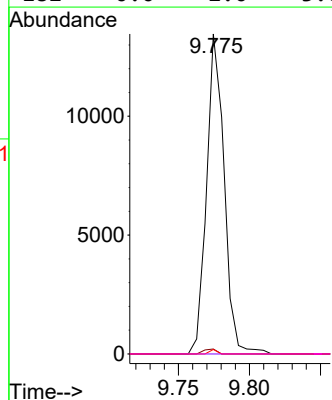
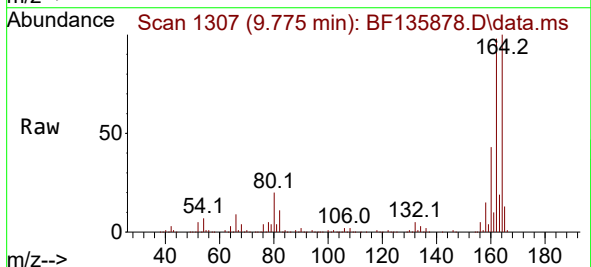
Instrument :
BNA_F
ClientSampleId :
TT-2

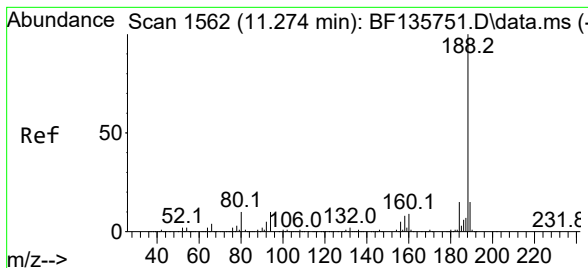
Tgt Ion:165 Resp: 11572
Ion Ratio Lower Upper
165 100
63 1.6 62.2 93.4#
89 1.4 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 6.975 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.230 min
Lab File: BF135878.D
Acq: 19 Oct 2023 07:00

Tgt Ion:165 Resp: 11572
Ion Ratio Lower Upper
165 100
63 1.6 39.0 58.4#
89 1.4 55.9 83.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135878.D

Acq: 19 Oct 2023 07:00

Instrument :

BNA_F

ClientSampleId :

TT-2

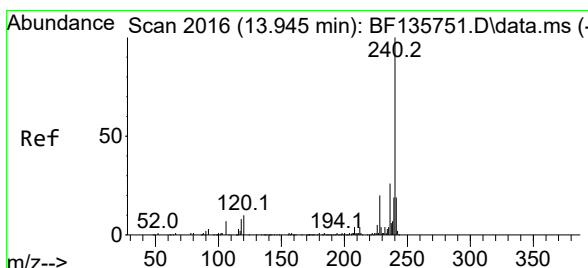
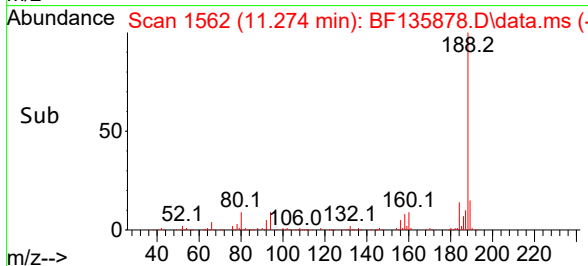
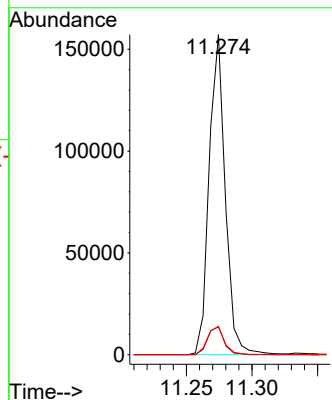
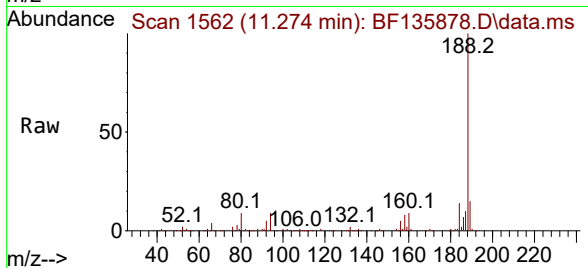
Tgt Ion:188 Resp: 134777

Ion Ratio Lower Upper

188 100

94 8.8 8.0 12.0

80 8.7 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF135878.D

Acq: 19 Oct 2023 07:00

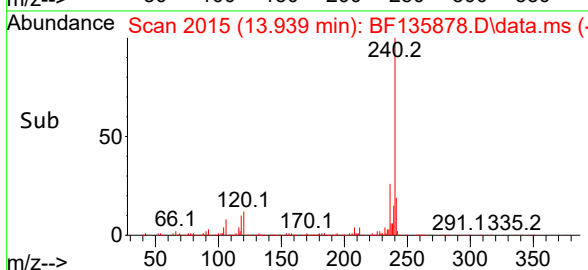
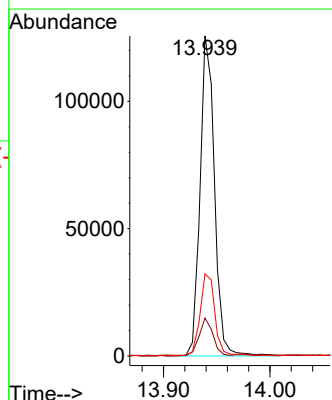
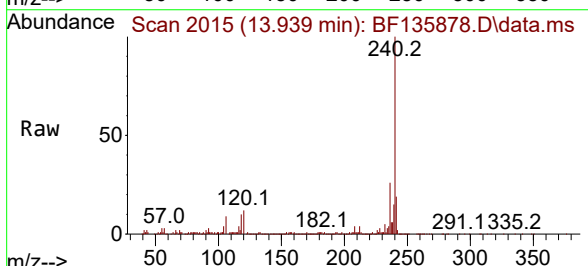
Tgt Ion:240 Resp: 118690

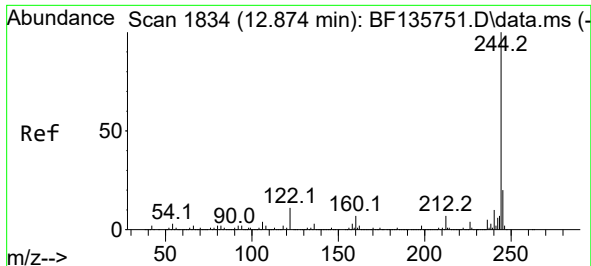
Ion Ratio Lower Upper

240 100

120 11.9 8.2 12.2

236 25.6 21.2 31.8

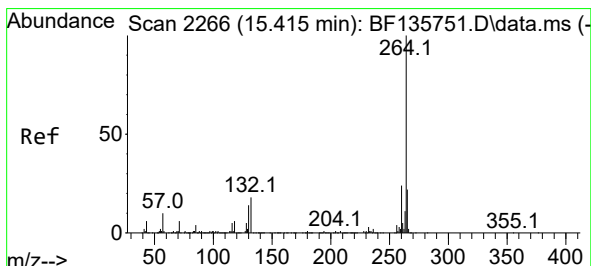
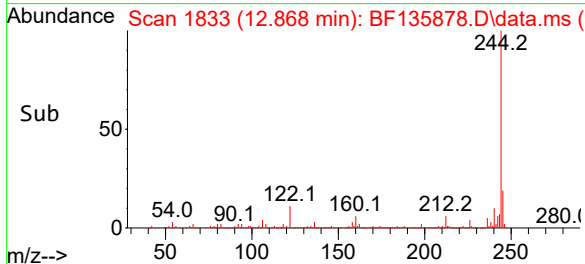
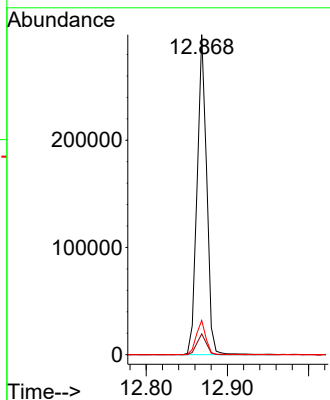
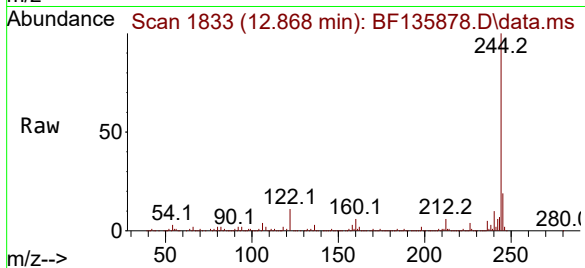




#79
 Terphenyl-d14
 Concen: 38.251 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135878.D
 Acq: 19 Oct 2023 07:00

Instrument :
 BNA_F
 ClientSampleId :
 TT-2

Tgt Ion:244 Resp: 245153
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 10.7 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.000 min
 Lab File: BF135878.D
 Acq: 19 Oct 2023 07:00

Tgt Ion:264 Resp: 91979
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.2 28.8
 265 23.6 17.4 26.2

