

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135852.D
 Acq On : 18 Oct 2023 17:40
 Operator : CG\JU
 Sample : 04793-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20231005

Quant Time: Oct 19 01:20:54 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)

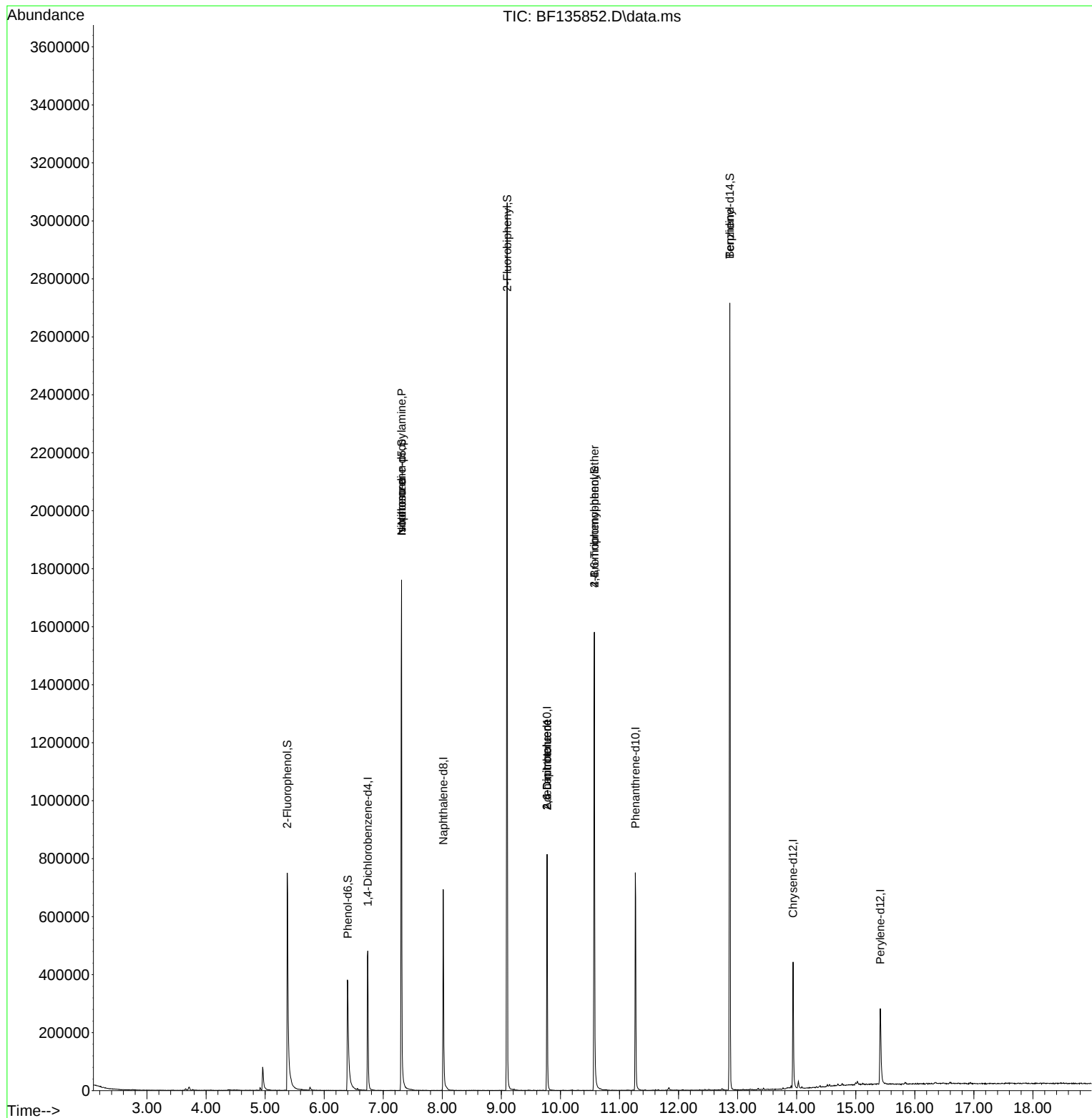
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	79935	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	313894	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	158363	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	314313	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	164794	20.000	ng	-0.01
86) Perylene-d12	15.415	264	155711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	293255	58.983	ng	0.00
7) Phenol-d6	6.398	99	223113	35.966	ng	0.00
23) Nitrobenzene-d5	7.310	82	535537	93.835	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	197254	129.805	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	950719	93.864	ng	0.00
79) Terphenyl-d14	12.869	244	984063	110.586	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	72495	18.900	ng	# 76
25) Isophorone	7.310	82	535537	49.738	ng	# 66
51) 2,6-Dinitrotoluene	9.775	165	20020	8.708	ng	# 16
57) 2,4-Dinitrotoluene	9.775	165	20020	6.845	ng	# 23
67) 4-Bromophenyl-phenylether	10.575	248	12036	3.815	ng	# 1
77) Benzidine	12.869	184	12097	3.364	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135852.D
Acq On : 18 Oct 2023 17:40
Operator : CG\JU
Sample : 04793-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-303-20231005

Quant Time: Oct 19 01:20:54 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

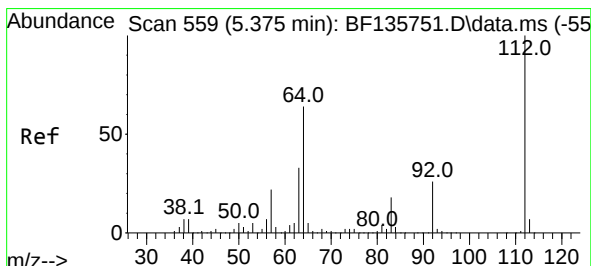
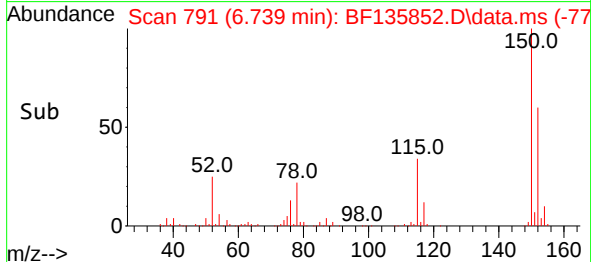
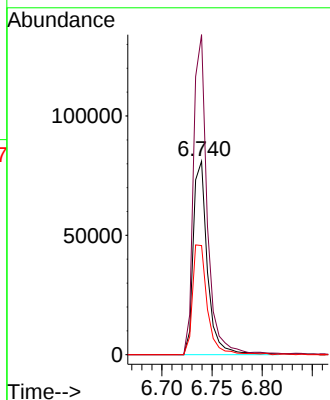
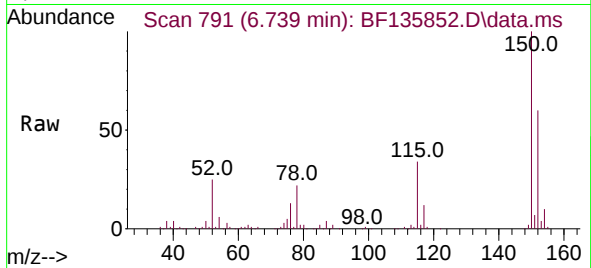




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135852.D
Acq: 18 Oct 2023 17:40

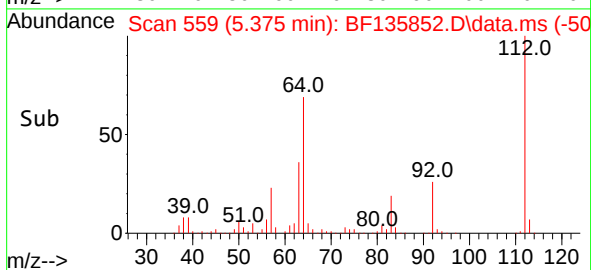
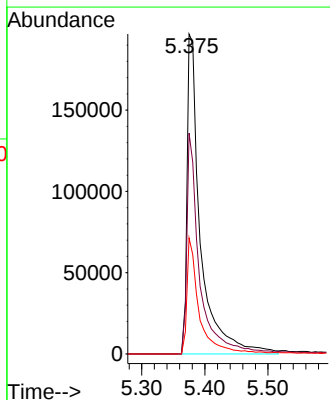
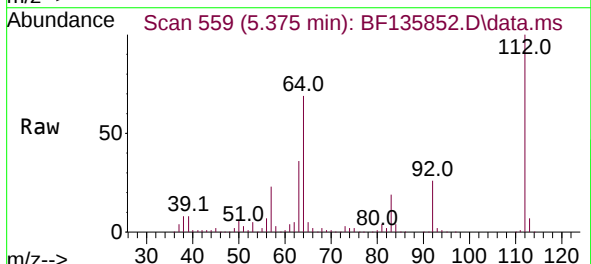
Instrument :
BNA_F
ClientSampleId :
SP-303-20231005

Tgt Ion:152 Resp: 79935
Ion Ratio Lower Upper
152 100
150 165.5 124.5 186.7
115 56.4 49.0 73.4



#5
2-Fluorophenol
Concen: 58.983 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF135852.D
Acq: 18 Oct 2023 17:40

Tgt Ion:112 Resp: 293255
Ion Ratio Lower Upper
112 100
64 69.0 51.2 76.8
63 36.3 26.1 39.1

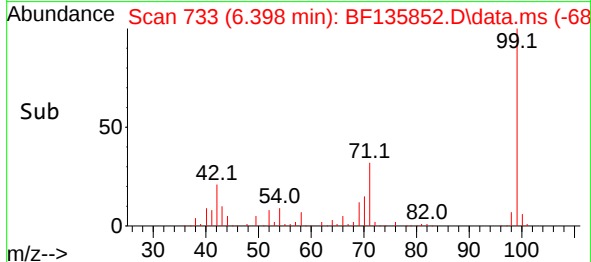
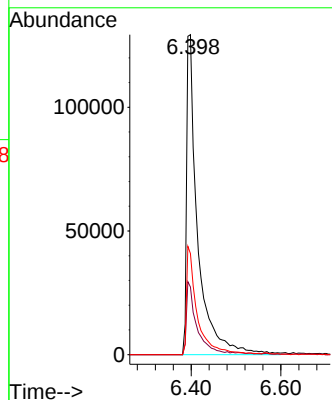
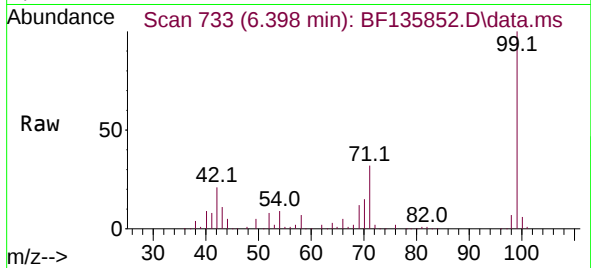




#7
Phenol-d6
Concen: 35.966 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135852.D
Acq: 18 Oct 2023 17:40

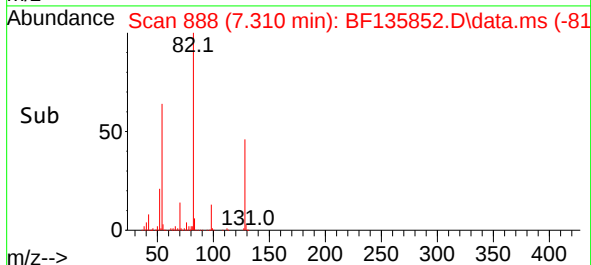
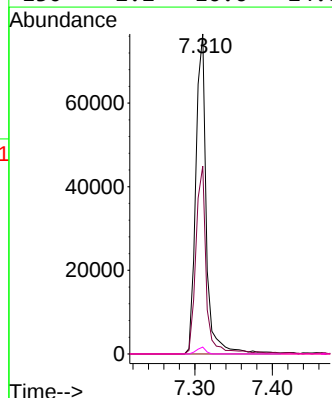
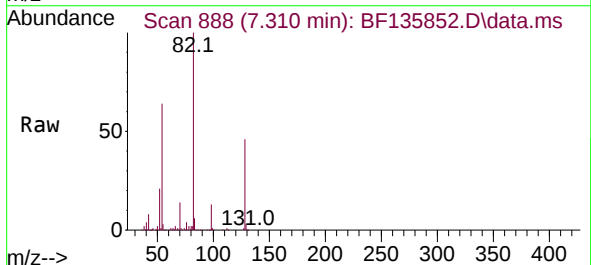
Instrument :
BNA_F
ClientSampleId :
SP-303-20231005

Tgt Ion: 99 Resp: 223113
Ion Ratio Lower Upper
99 100
42 21.1 18.4 27.6
71 31.6 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.900 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF135852.D
Acq: 18 Oct 2023 17:40

Tgt Ion: 70 Resp: 72495
Ion Ratio Lower Upper
70 100
42 58.7 59.8 89.6#
101 0.0 7.4 11.2#
130 2.2 16.6 24.8#



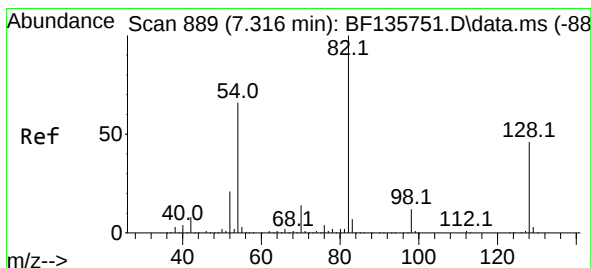
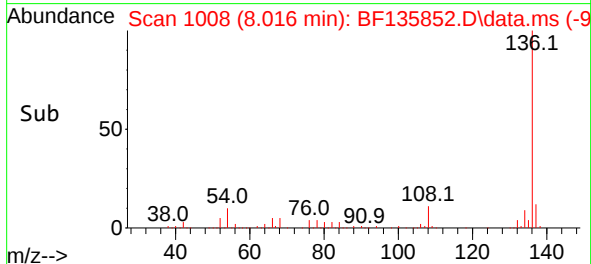
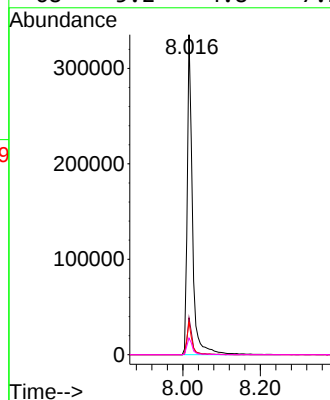
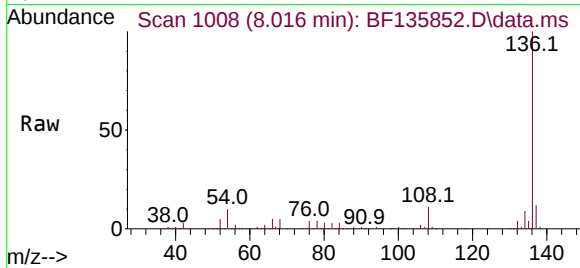


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135852.D
Acq: 18 Oct 2023 17:40

Instrument :
BNA_F
ClientSampleId :
SP-303-20231005

Tgt Ion:136 Resp: 313894

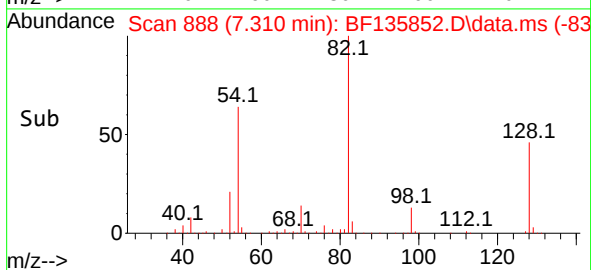
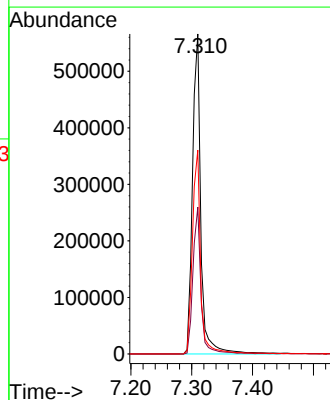
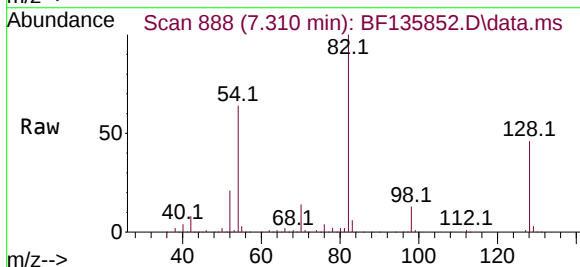
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	10.2	8.5	12.7
68	5.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 93.835 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135852.D
Acq: 18 Oct 2023 17:40

Tgt Ion: 82 Resp: 535537

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.0	55.6
54	63.7	52.8	79.2

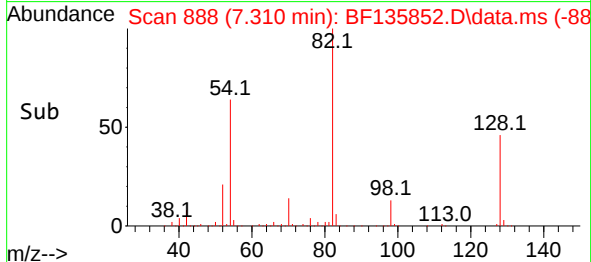
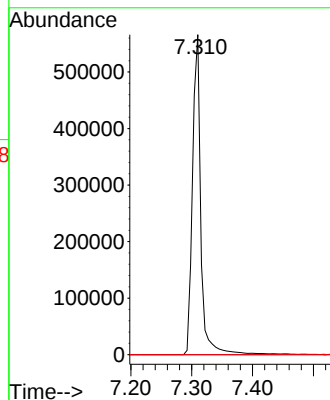
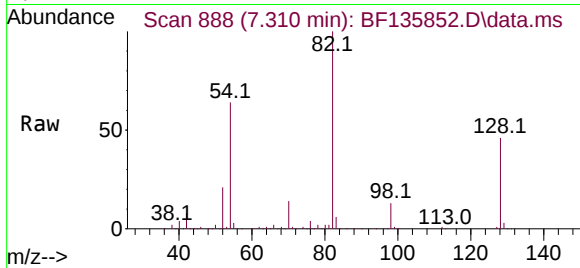




#25
Isophorone
Concen: 49.738 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135852.D
Acq: 18 Oct 2023 17:40

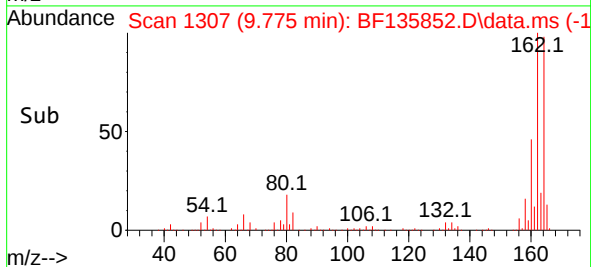
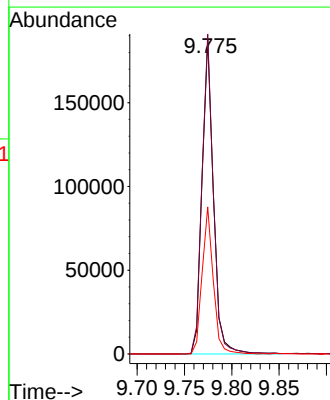
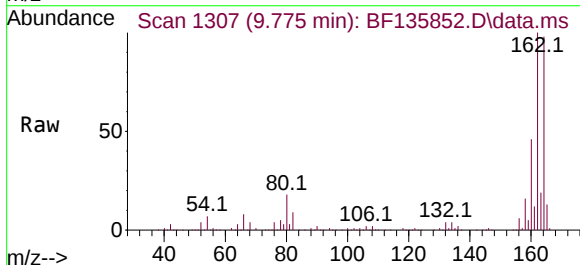
Instrument :
BNA_F
ClientSampleId :
SP-303-20231005

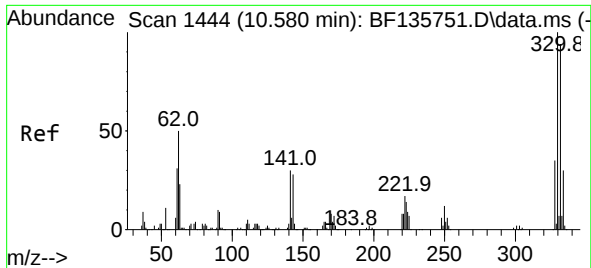
Tgt Ion: 82 Resp: 535537
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135852.D
Acq: 18 Oct 2023 17:40

Tgt Ion:164 Resp: 158363
Ion Ratio Lower Upper
164 100
162 101.7 80.8 121.2
160 46.7 36.6 54.8

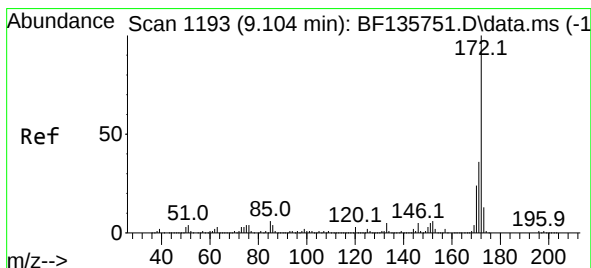
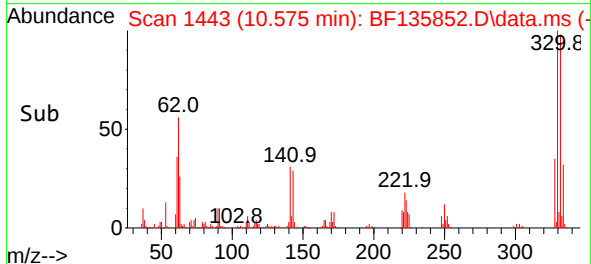
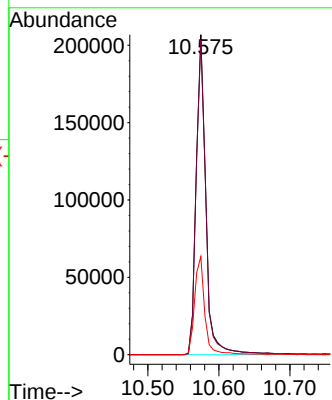
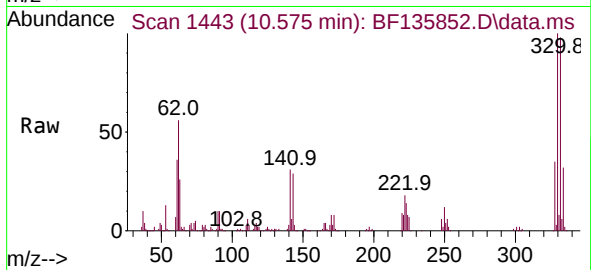




#42
2,4,6-Tribromophenol
Concen: 129.805 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135852.D
Acq: 18 Oct 2023 17:40

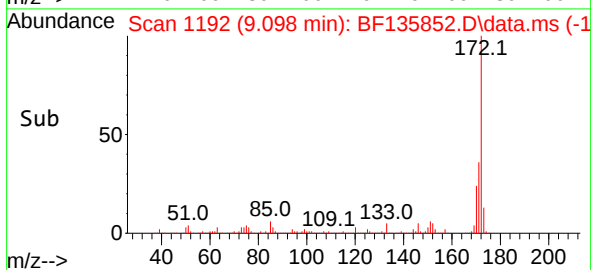
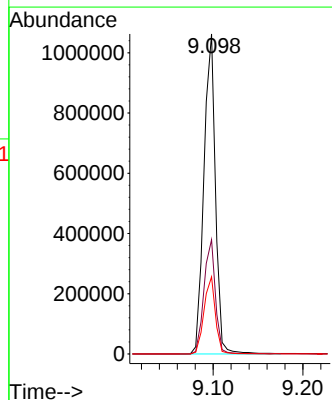
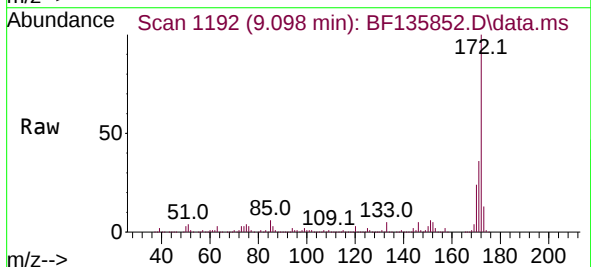
Instrument :
BNA_F
ClientSampleId :
SP-303-20231005

Tgt Ion:330 Resp: 197254
Ion Ratio Lower Upper
330 100
332 99.1 75.0 112.4
141 32.2 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 93.864 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135852.D
Acq: 18 Oct 2023 17:40

Tgt Ion:172 Resp: 950719
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.1 18.8 28.2

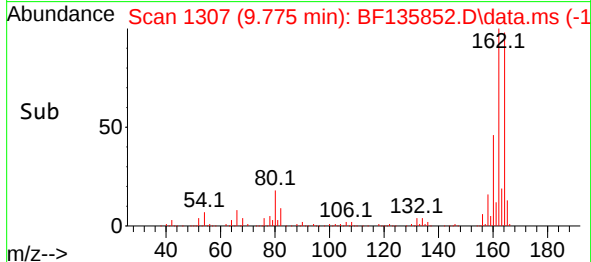
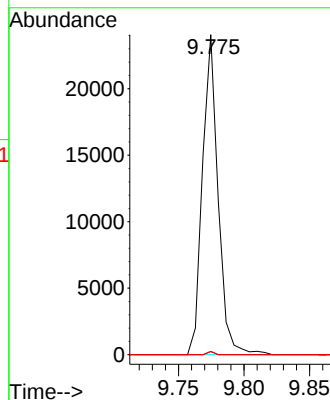
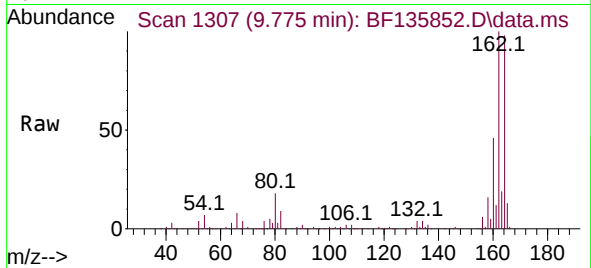




#51
2,6-Dinitrotoluene
Concen: 8.708 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135852.D
Acq: 18 Oct 2023 17:40

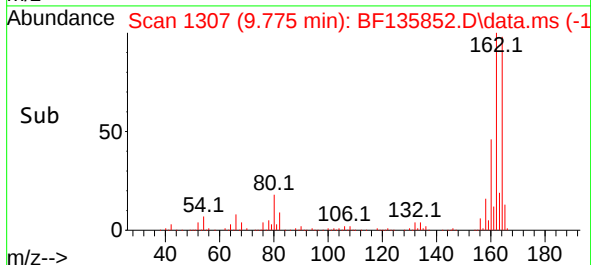
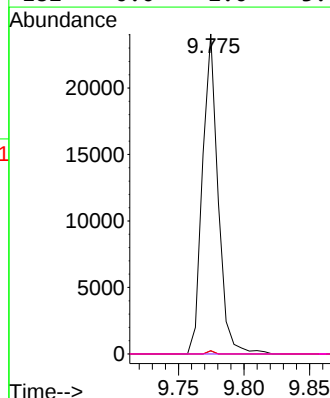
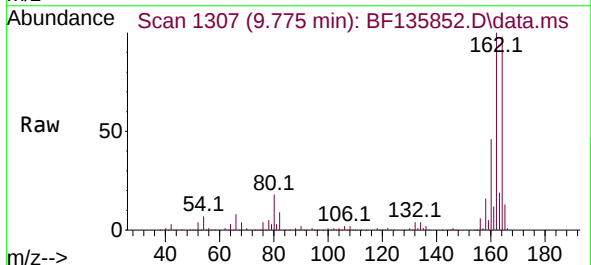
Instrument :
BNA_F
ClientSampleId :
SP-303-20231005

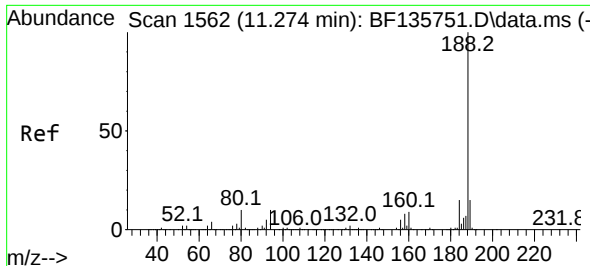
Tgt Ion:165 Resp: 20020
Ion Ratio Lower Upper
165 100
63 1.0 62.2 93.4#
89 1.1 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 6.845 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.230 min
Lab File: BF135852.D
Acq: 18 Oct 2023 17:40

Tgt Ion:165 Resp: 20020
Ion Ratio Lower Upper
165 100
63 1.0 39.0 58.4#
89 1.1 55.9 83.9#
182 0.0 2.0 3.0#

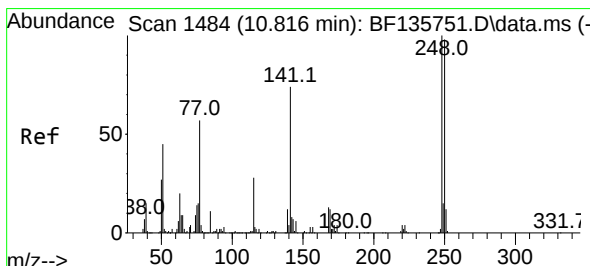
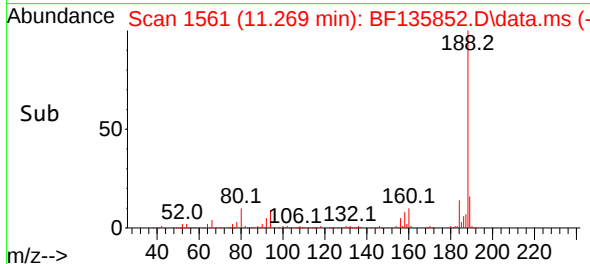
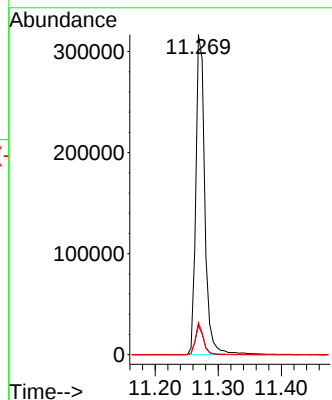
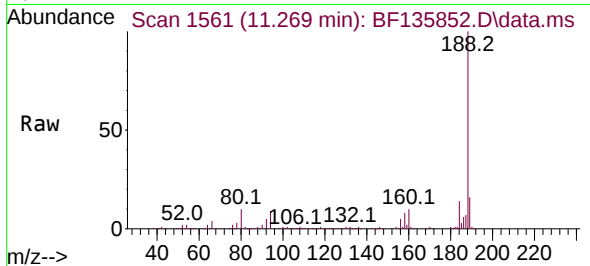




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135852.D
Acq: 18 Oct 2023 17:40

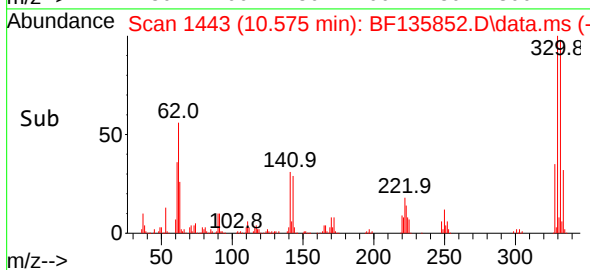
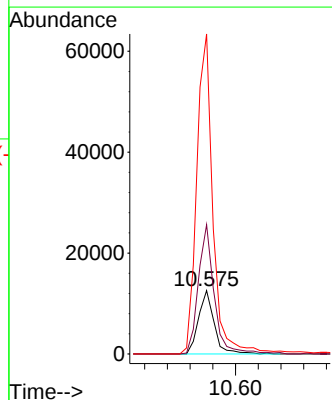
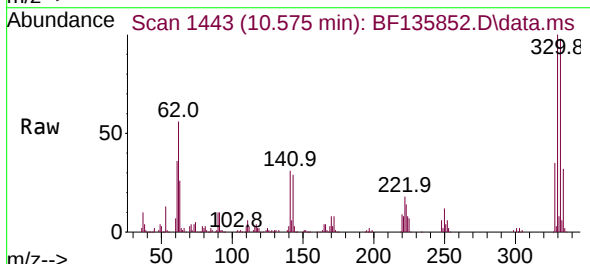
Instrument :
BNA_F
ClientSampleId :
SP-303-20231005

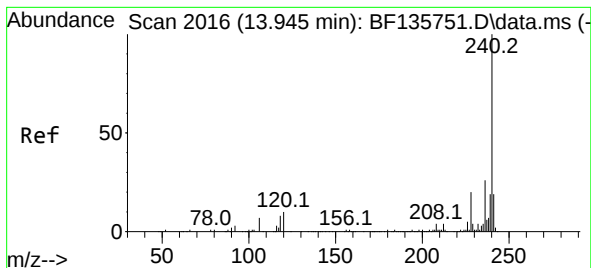
Tgt Ion:188 Resp: 314313
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 10.1 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 3.815 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.247 min
Lab File: BF135852.D
Acq: 18 Oct 2023 17:40

Tgt Ion:248 Resp: 12036
Ion Ratio Lower Upper
248 100
250 204.0 78.0 117.0#
141 505.3 59.0 88.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF135852.D

Acq: 18 Oct 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SP-303-20231005

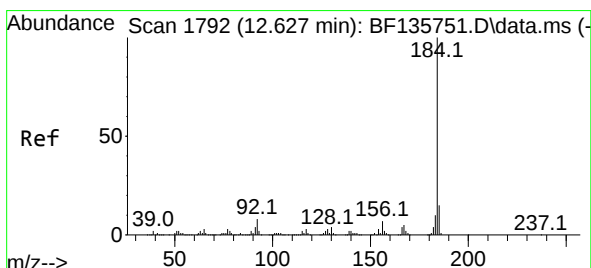
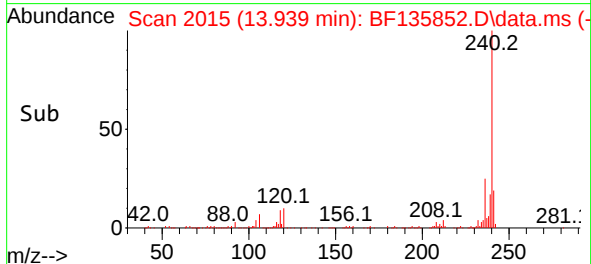
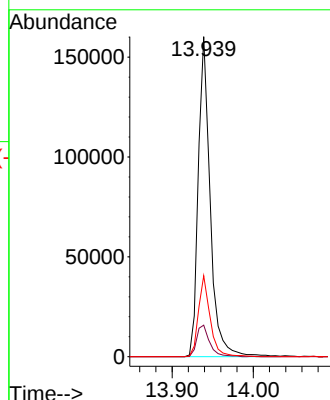
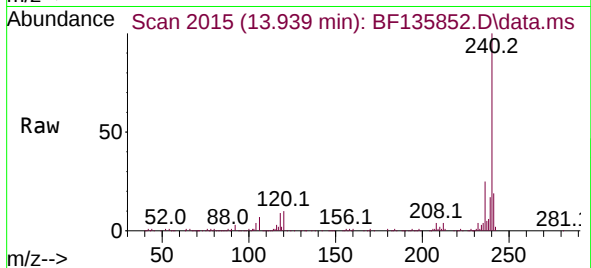
Tgt Ion:240 Resp: 164794

Ion Ratio Lower Upper

240 100

120 9.8 8.2 12.2

236 25.3 21.2 31.8



#77

Benzidine

Concen: 3.364 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.235 min

Lab File: BF135852.D

Acq: 18 Oct 2023 17:40

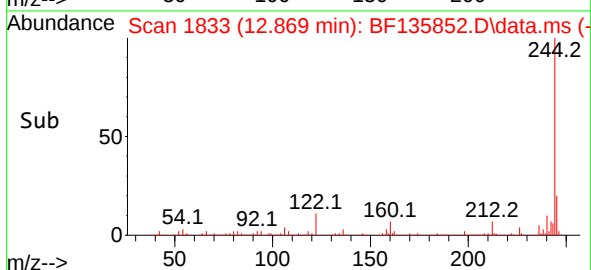
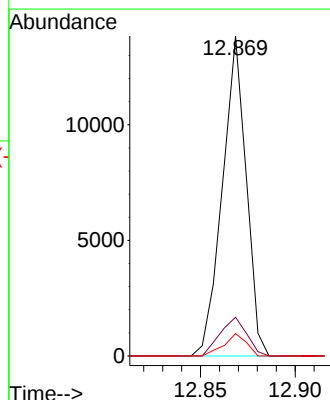
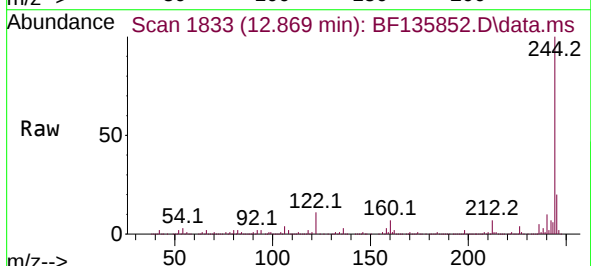
Tgt Ion:184 Resp: 12097

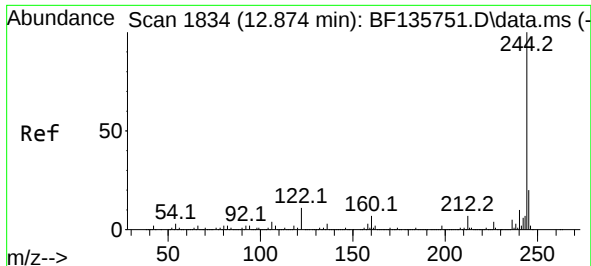
Ion Ratio Lower Upper

184 100

185 12.1 12.0 18.0

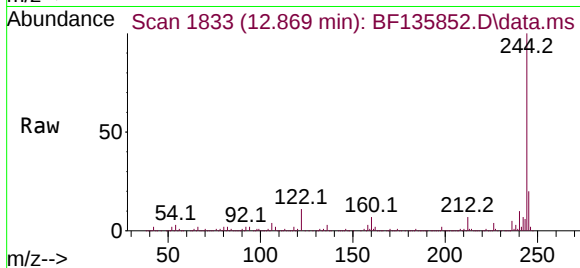
183 7.0 8.2 12.2#



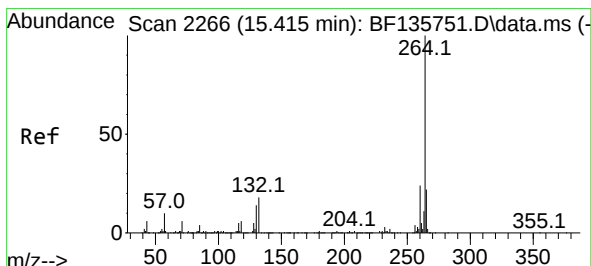
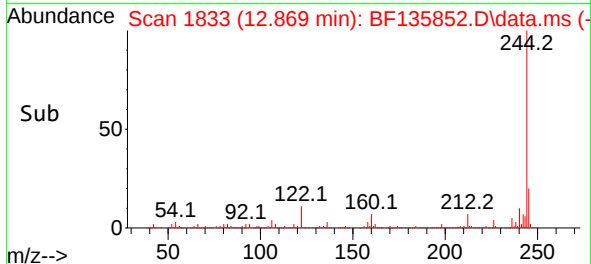
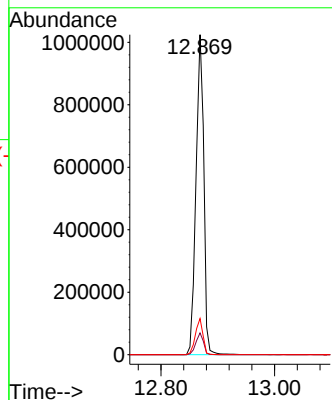


#79
 Terphenyl-d14
 Concen: 110.586 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135852.D
 Acq: 18 Oct 2023 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20231005



Tgt Ion:244 Resp: 984063
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.3 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF135852.D
 Acq: 18 Oct 2023 17:40

Tgt Ion:264 Resp: 155711
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 21.2 17.4 26.2

