

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136706.D
 Acq On : 23 Dec 2023 02:14
 Operator : CG\JU
 Sample : 05970-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

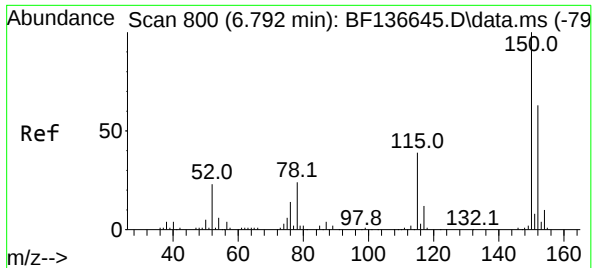
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 03:45:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	61378	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	194764	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	79048	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	154324	20.000	ng	0.00
76) Chrysene-d12	13.963	240	133345	20.000	ng	0.00
86) Perylene-d12	15.445	264	88534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	78125	19.860	ng	0.00
7) Phenol-d6	6.428	99	90892	17.832	ng	-0.01
23) Nitrobenzene-d5	7.340	82	50324	13.222	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	16863	18.113	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	81230	13.821	ng	-0.02
79) Terphenyl-d14	12.898	244	93762	9.826	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.340	70	6430	2.081	ng	# 78
25) Isophorone	7.340	82	50323	7.266	ng	# 65
50) Dimethylphthalate	9.816	163	15943	2.761	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	10177	7.766	ng	# 28
57) 2,4-Dinitrotoluene	9.816	165	10177	5.982	ng	# 19

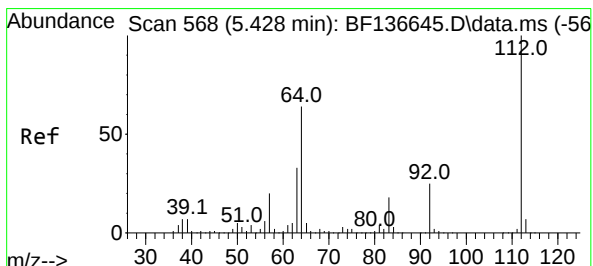
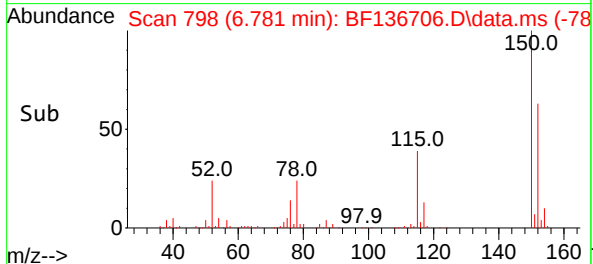
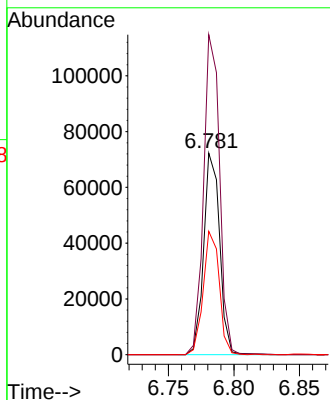
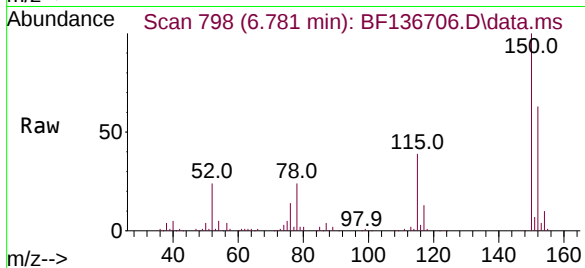
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136706.D
Acq: 23 Dec 2023 02:14

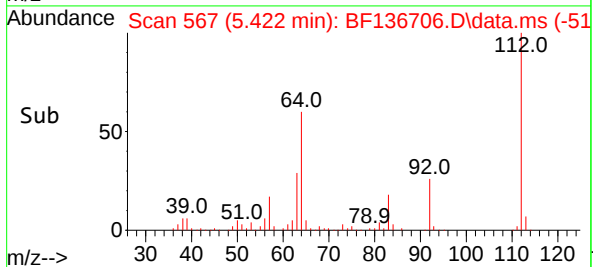
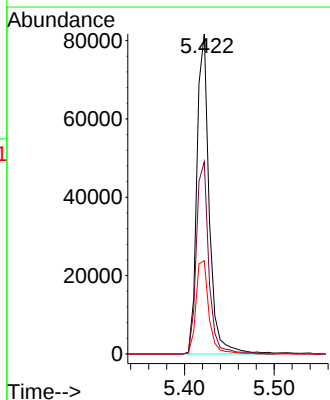
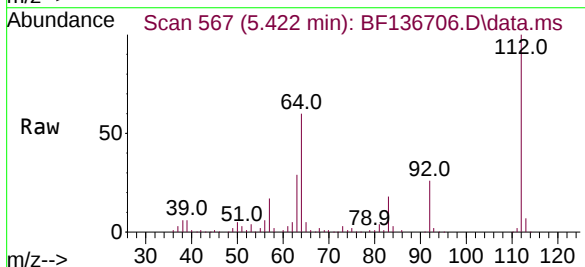
Instrument :
BNA_F
ClientSampleId :

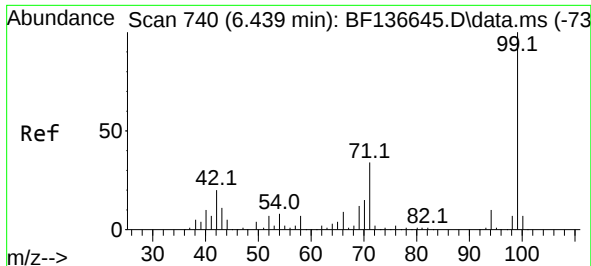
Tgt Ion:152 Resp: 61378
Ion Ratio Lower Upper
152 100
150 158.7 127.0 190.6
115 61.2 49.0 73.4



#5
2-Fluorophenol
Concen: 19.860 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136706.D
Acq: 23 Dec 2023 02:14

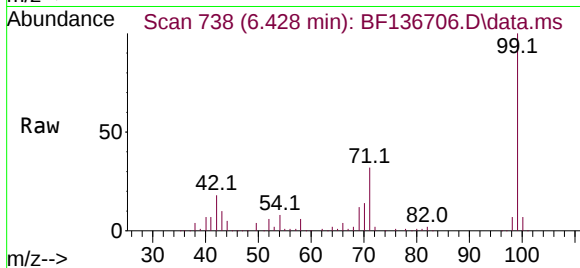
Tgt Ion:112 Resp: 78125
Ion Ratio Lower Upper
112 100
64 60.0 51.1 76.7
63 29.2 26.1 39.1



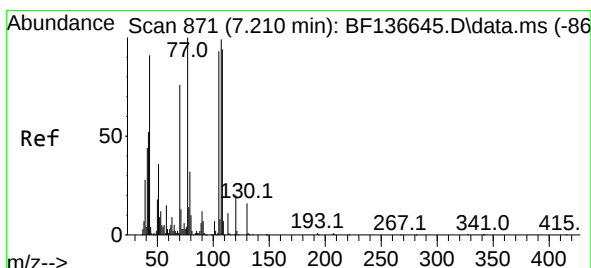
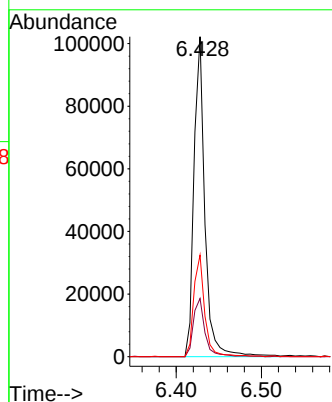
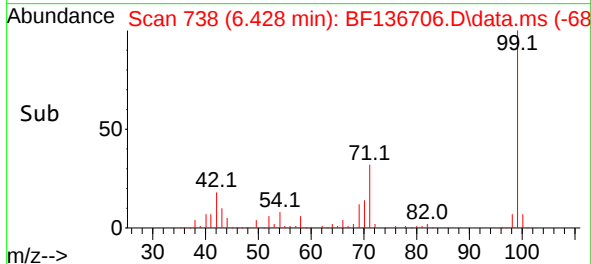


#7
Phenol-d6
Concen: 17.832 ng
RT: 6.428 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF136706.D
Acq: 23 Dec 2023 02:14

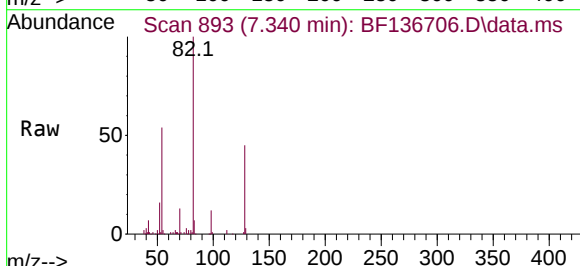
Instrument :
BNA_F
ClientSampleId :



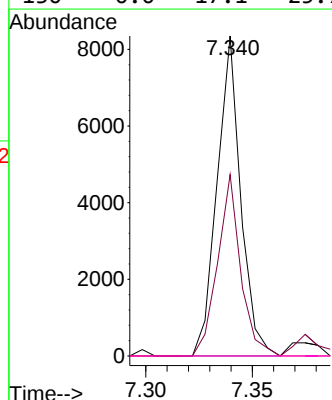
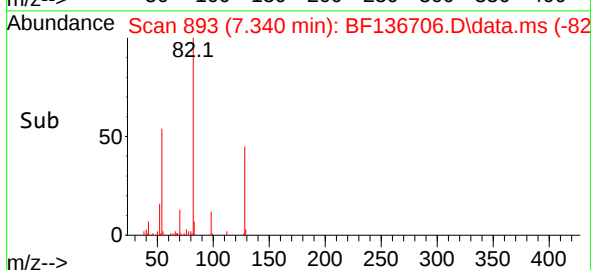
Tgt Ion: 99 Resp: 90892
Ion Ratio Lower Upper
99 100
42 18.2 16.1 24.1
71 31.8 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 2.081 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF136706.D
Acq: 23 Dec 2023 02:14



Tgt Ion: 70 Resp: 6430
Ion Ratio Lower Upper
70 100
42 56.7 54.2 81.4
101 0.0 7.6 11.4#
130 0.0 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136706.D

Acq: 23 Dec 2023 02:14

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 194764

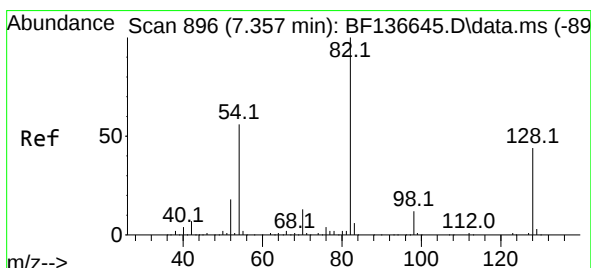
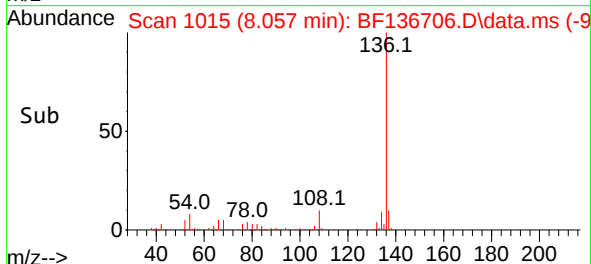
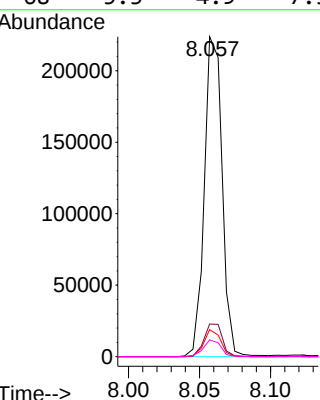
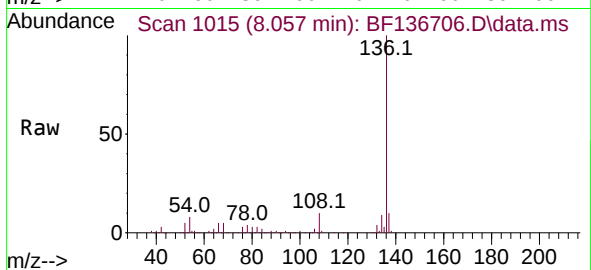
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.4

54 8.5 7.2 10.8

68 5.3 4.9 7.3



#23

Nitrobenzene-d5

Concen: 13.222 ng

RT: 7.340 min Scan# 893

Delta R.T. -0.017 min

Lab File: BF136706.D

Acq: 23 Dec 2023 02:14

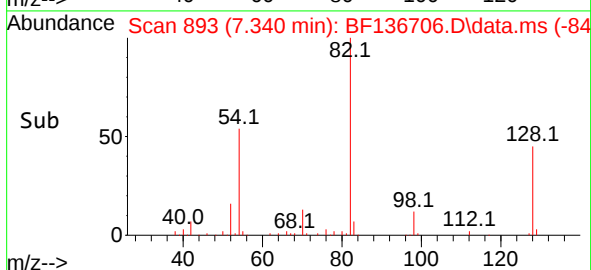
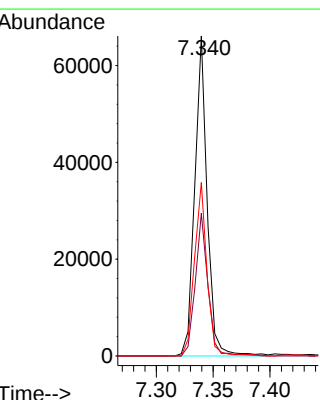
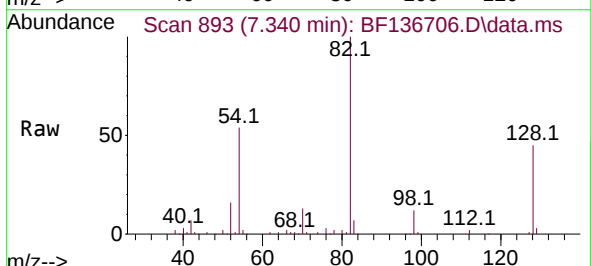
Tgt Ion: 82 Resp: 50324

Ion Ratio Lower Upper

82 100

128 44.6 35.3 52.9

54 54.2 44.5 66.7

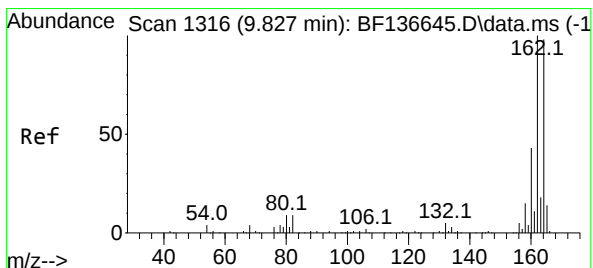
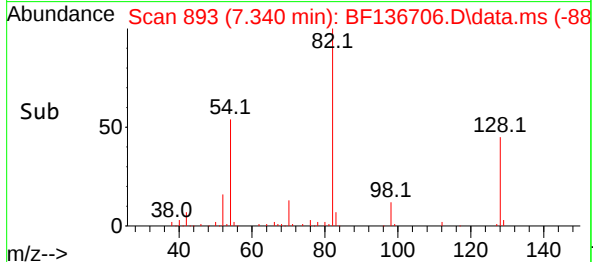
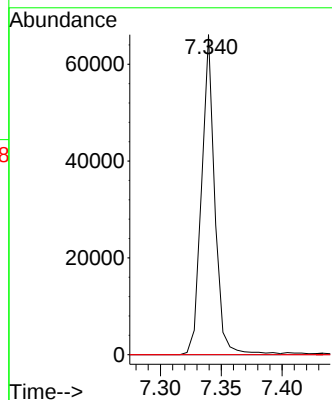
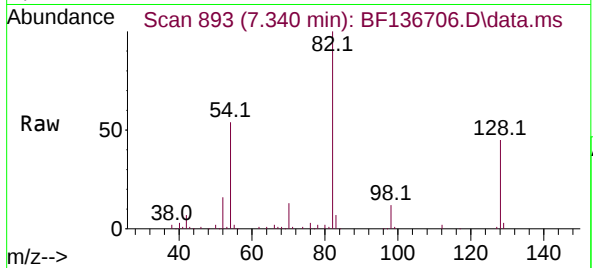




#25
Isophorone
Concen: 7.266 ng
RT: 7.340 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF136706.D
Acq: 23 Dec 2023 02:14

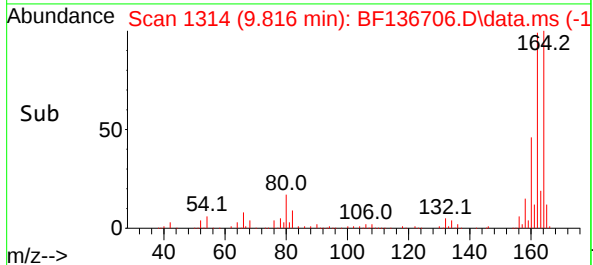
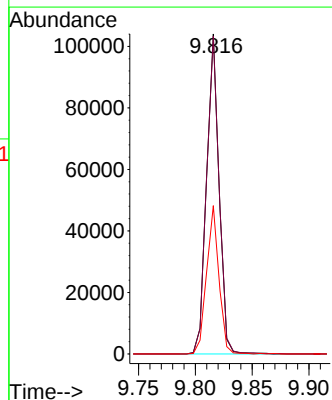
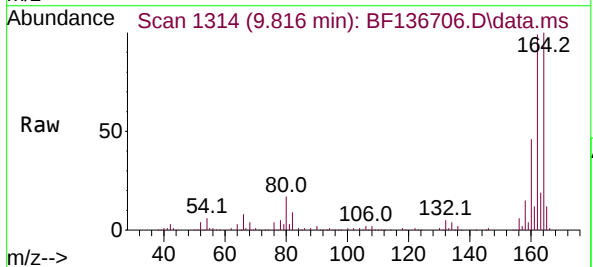
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 50323
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136706.D
Acq: 23 Dec 2023 02:14

Tgt Ion:164 Resp: 79048
Ion Ratio Lower Upper
164 100
162 99.3 81.6 122.4
160 46.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 18.113 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

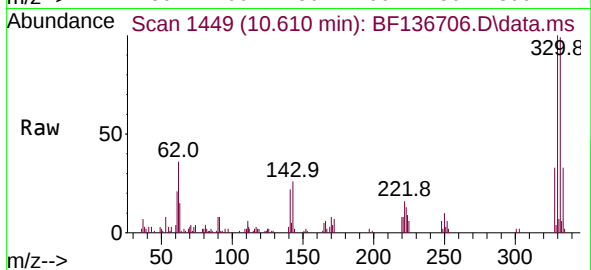
Lab File: BF136706.D

Acq: 23 Dec 2023 02:14

Instrument :

BNA_F

ClientSampleId :



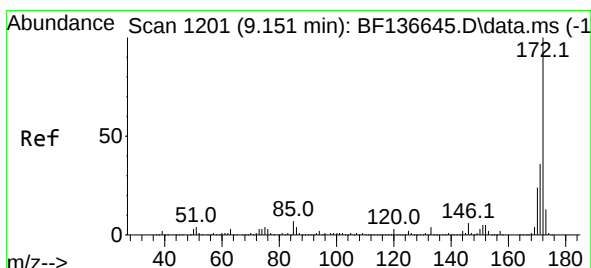
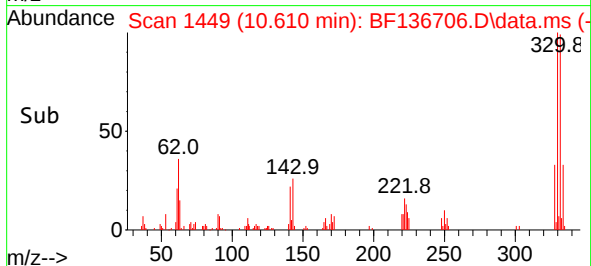
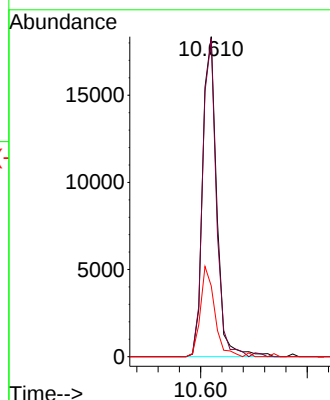
Tgt Ion:330 Resp: 16863

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 28.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 13.821 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF136706.D

Acq: 23 Dec 2023 02:14

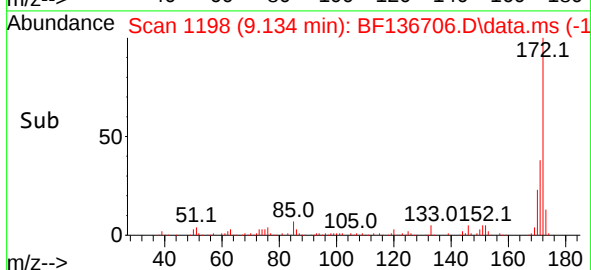
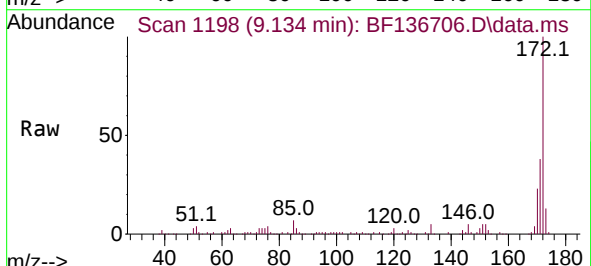
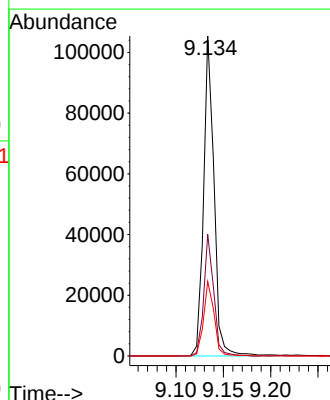
Tgt Ion:172 Resp: 81230

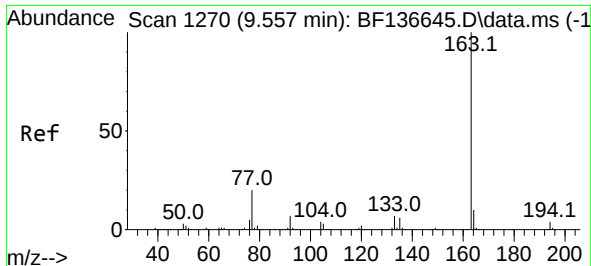
Ion Ratio Lower Upper

172 100

171 38.0 29.0 43.6

170 23.3 19.0 28.4

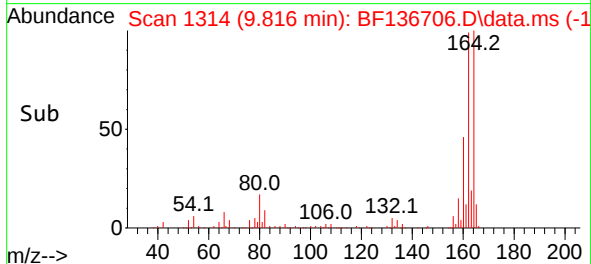
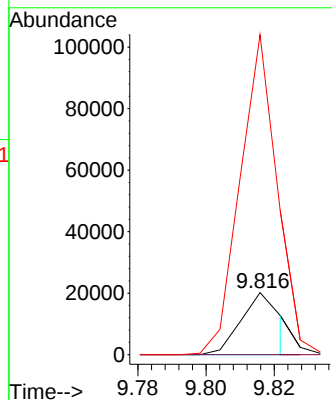
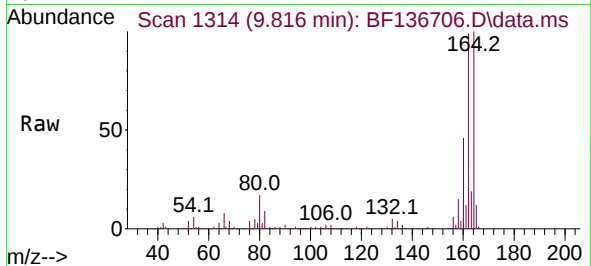




#50
Dimethylphthalate
Concen: 2.761 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136706.D
Acq: 23 Dec 2023 02:14

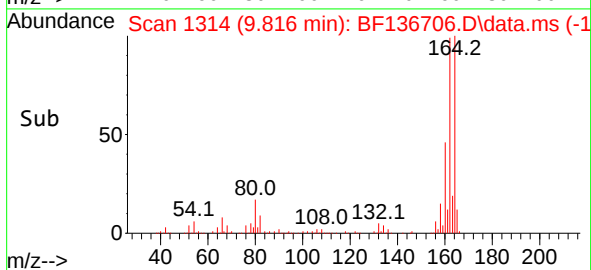
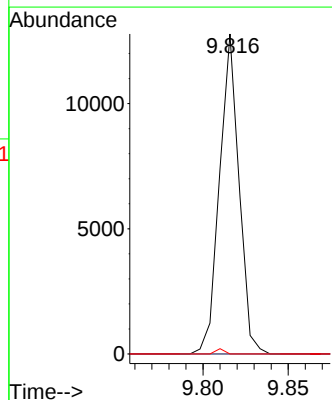
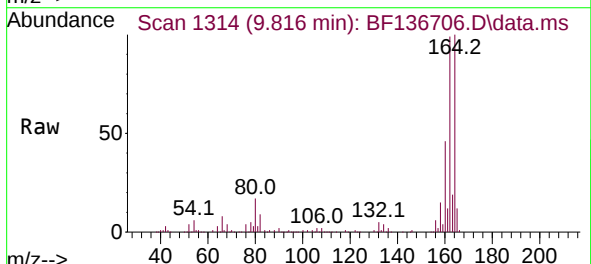
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 15943
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 515.0 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.766 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136706.D
Acq: 23 Dec 2023 02:14

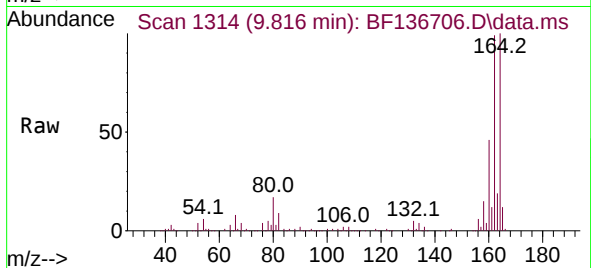
Tgt Ion:165 Resp: 10177
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 0.0 38.8 58.2#



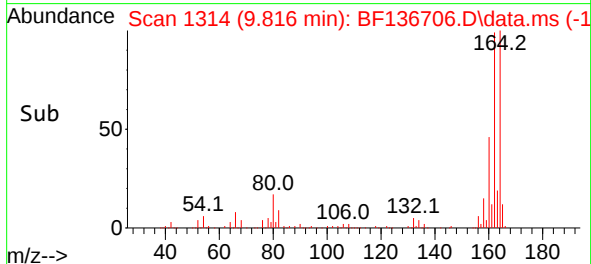
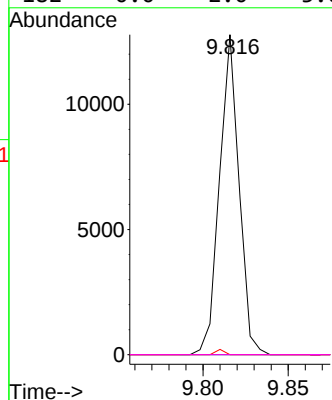


#57
2,4-Dinitrotoluene
Concen: 5.982 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136706.D
Acq: 23 Dec 2023 02:14

Instrument :
BNA_F
ClientSampleId :

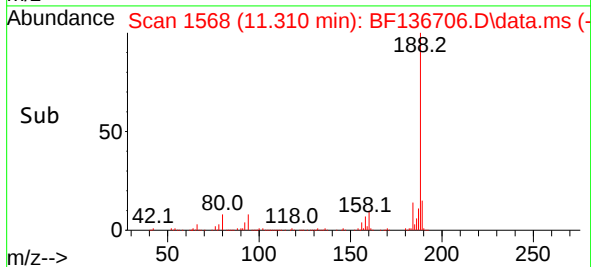
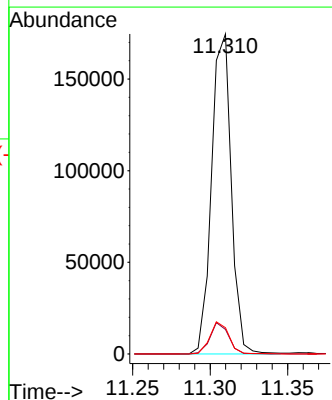
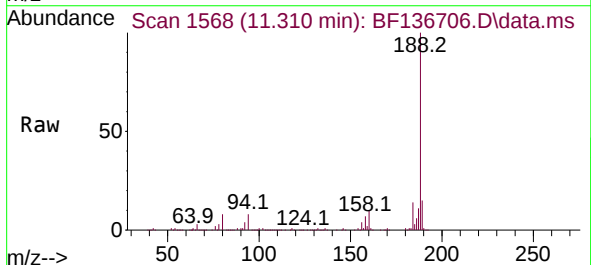


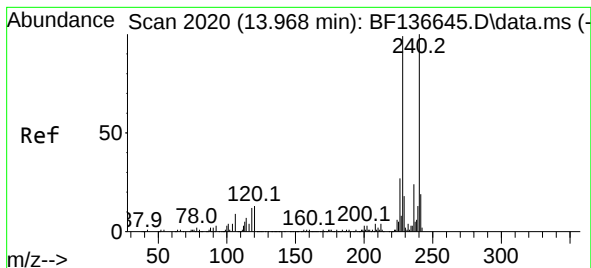
Tgt Ion:165 Resp: 10177
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 0.0 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136706.D
Acq: 23 Dec 2023 02:14

Tgt Ion:188 Resp: 154324
Ion Ratio Lower Upper
188 100
94 7.7 7.5 11.3
80 8.2 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136706.D

Acq: 23 Dec 2023 02:14

Instrument :

BNA_F

ClientSampleId :

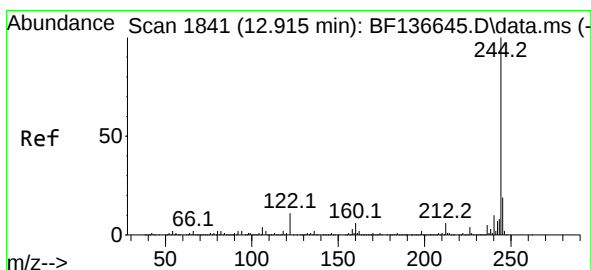
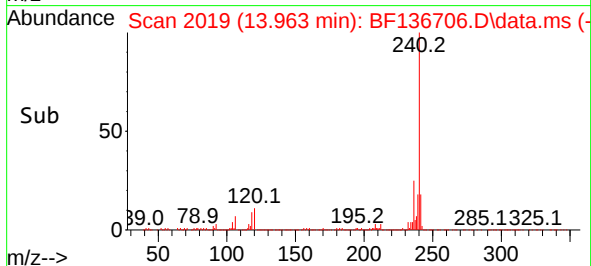
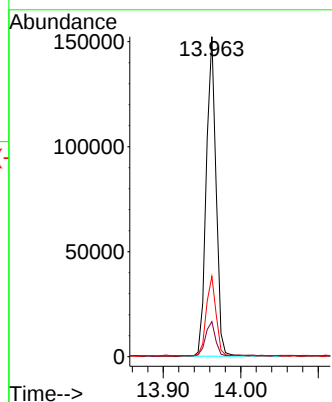
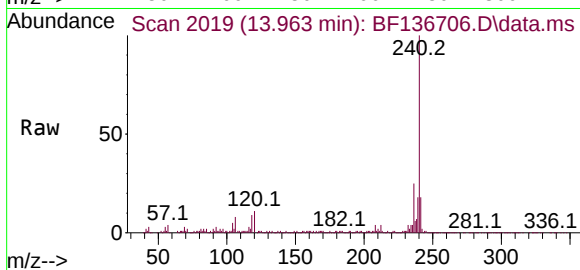
Tgt Ion:240 Resp: 133345

Ion Ratio Lower Upper

240 100

120 11.0 10.3 15.5

236 25.1 19.4 29.2



#79

Terphenyl-d14

Concen: 9.826 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.017 min

Lab File: BF136706.D

Acq: 23 Dec 2023 02:14

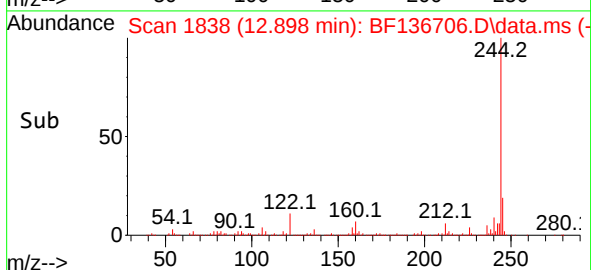
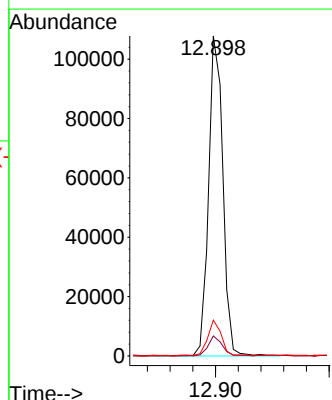
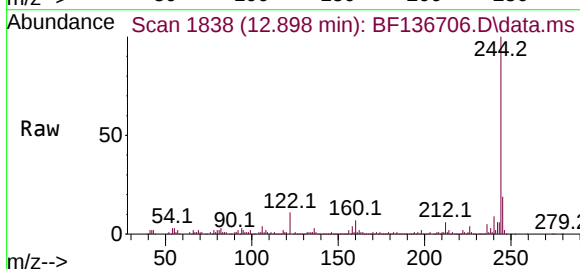
Tgt Ion:244 Resp: 93762

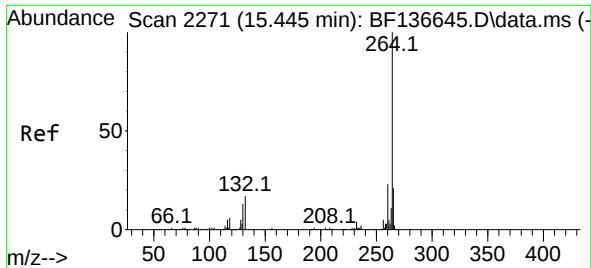
Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

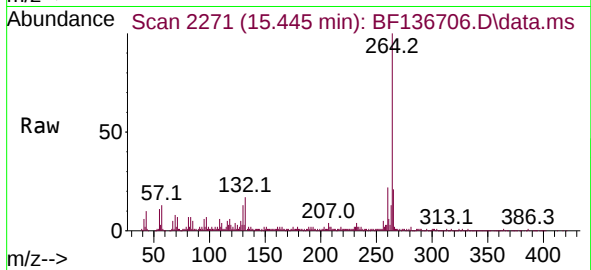
122 11.2 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF136706.D
 Acq: 23 Dec 2023 02:14

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:	264	Resp:	88534
Ion Ratio	Lower	Upper	
264	100		
260	22.5	18.3	27.5
265	20.9	17.0	25.6

