

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133462.D
 Acq On : 24 May 2023 11:11
 Operator : CG\JU
 Sample : PB153000BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153000BL

Quant Time: May 24 11:42:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:41:39 2023
 Response via : Initial Calibration

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

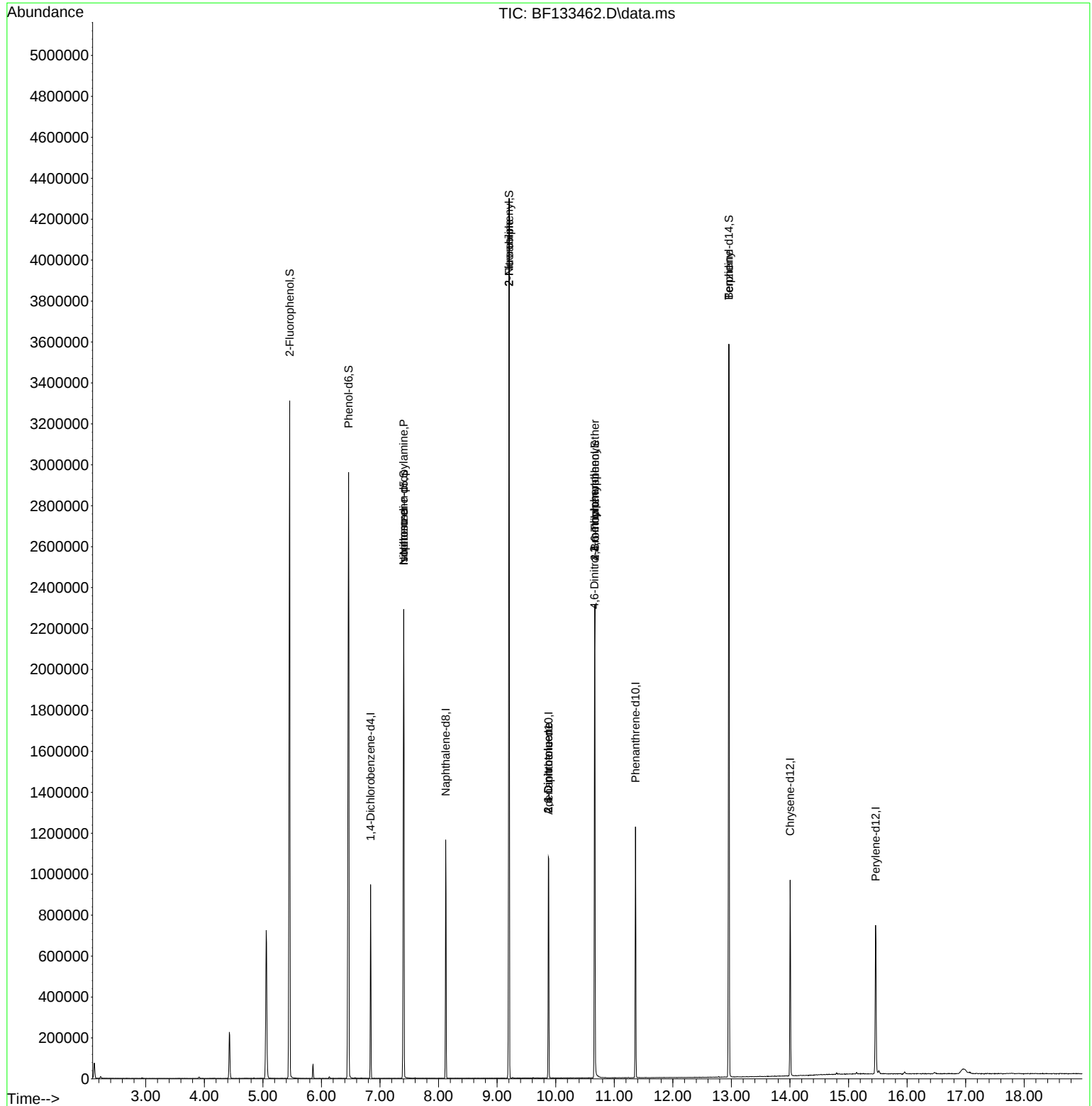
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	118647	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	458419	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	216503	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	408769	20.000	ng	0.00
76) Chrysene-d12	14.004	240	293291	20.000	ng	0.00
86) Perylene-d12	15.462	264	317791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	928595	127.936	ng	0.01
7) Phenol-d6	6.463	99	1136455	130.245	ng	0.00
23) Nitrobenzene-d5	7.404	82	689185	103.938	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	271746	135.876	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1252727	81.407	ng	0.00
79) Terphenyl-d14	12.957	244	1353140	88.209	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	95077	17.411	ng	# 78
25) Isophorone	7.404	82	689299	44.178	ng	# 66
48) 2-Nitroaniline	9.204	65	2442	6.050	ng	# 1
51) 2,6-Dinitrotoluene	9.874	165	27571	13.361	ng	# 15
57) 2,4-Dinitrotoluene	9.874	165	27571	12.672	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.663	198	596	8.599	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	16492	3.847	ng	# 1
77) Benzidine	12.957	184	18542	2.653	ng	# 93

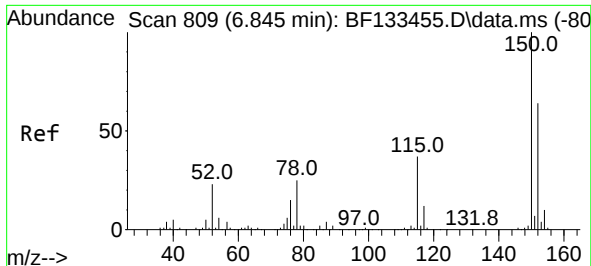
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
Data File : BF133462.D
Acq On : 24 May 2023 11:11
Operator : CG\JU
Sample : PB153000BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB153000BL

Quant Time: May 24 11:42:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 24 02:41:39 2023
Response via : Initial Calibration

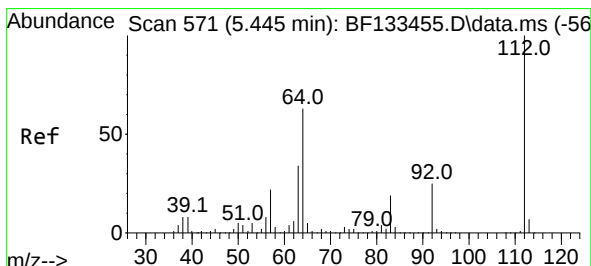
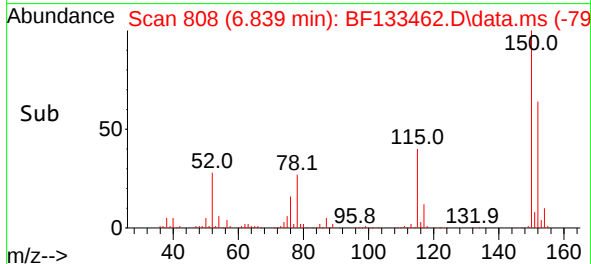
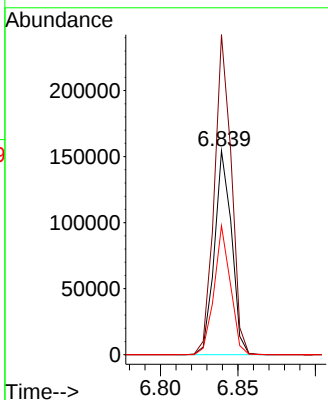
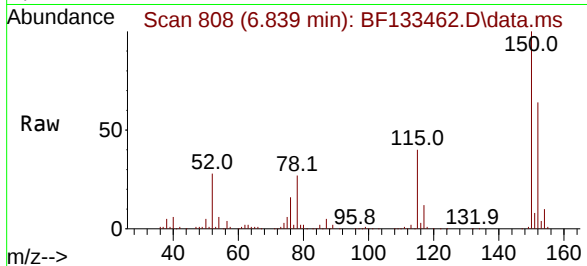




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF133462.D
Acq: 24 May 2023 11:11

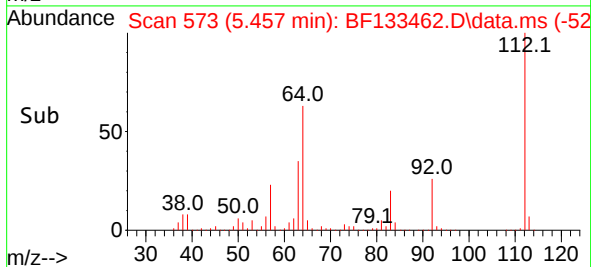
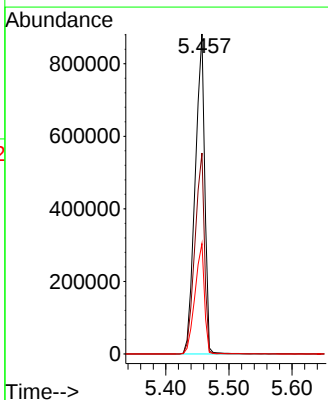
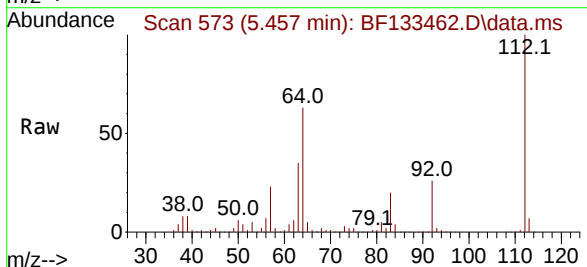
Instrument :
BNA_F
ClientSampleId :
PB153000BL

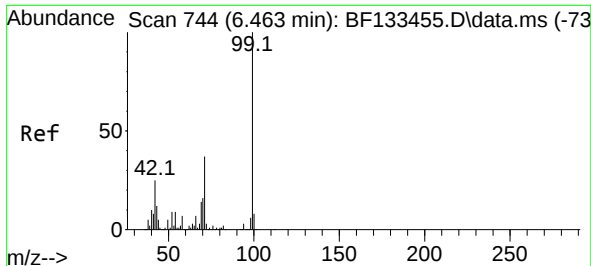
Tgt Ion:152 Resp: 118647
Ion Ratio Lower Upper
152 100
150 157.0 125.6 188.4
115 63.3 47.0 70.4



#5
2-Fluorophenol
Concen: 127.936 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133462.D
Acq: 24 May 2023 11:11

Tgt Ion:112 Resp: 928595
Ion Ratio Lower Upper
112 100
64 62.8 50.2 75.4
63 34.5 27.2 40.8

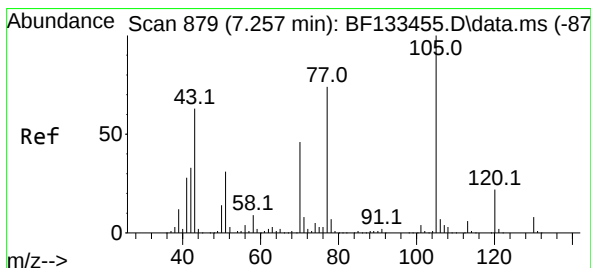
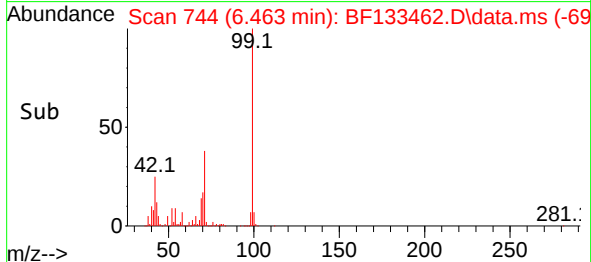
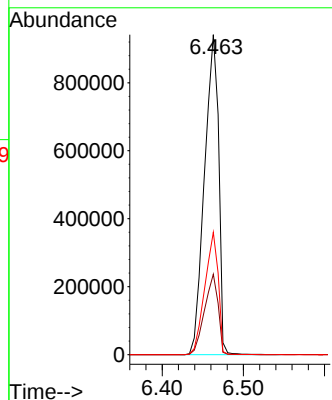
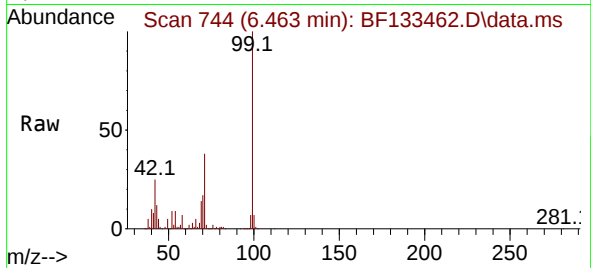




#7
Phenol-d6
Concen: 130.245 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133462.D
Acq: 24 May 2023 11:11

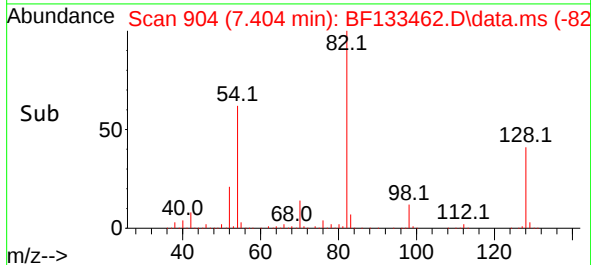
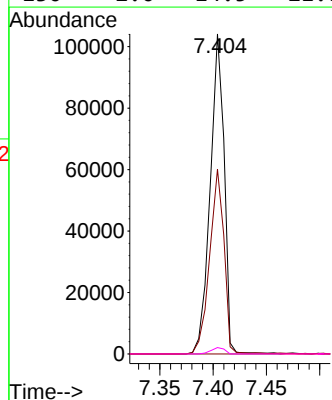
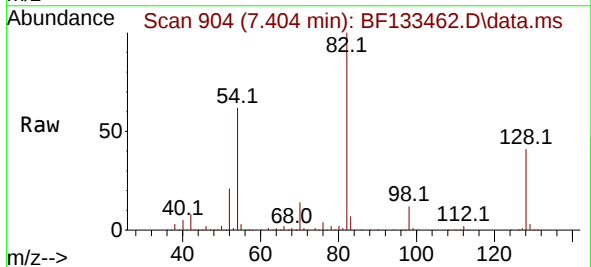
Instrument :
BNA_F
ClientSampleId :
PB153000BL

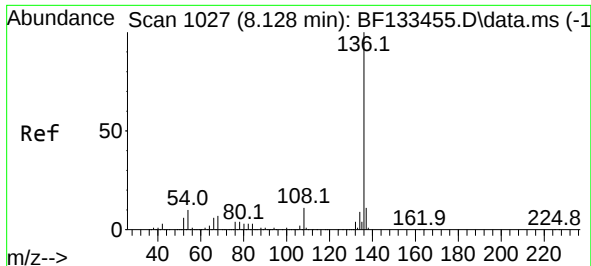
Tgt Ion: 99 Resp: 1136455
Ion Ratio Lower Upper
99 100
42 25.1 19.6 29.4
71 38.2 29.5 44.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.411 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF133462.D
Acq: 24 May 2023 11:11

Tgt Ion: 70 Resp: 95077
Ion Ratio Lower Upper
70 100
42 57.8 57.7 86.5
101 0.0 7.6 11.4#
130 2.0 14.5 21.7#

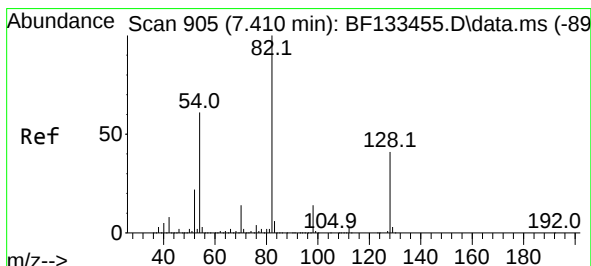
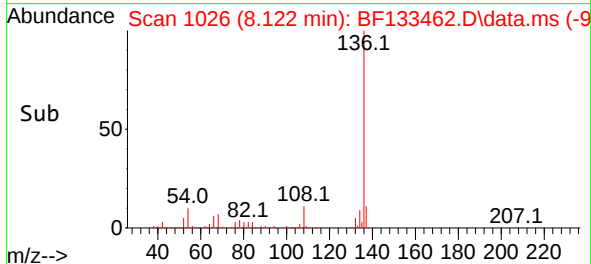
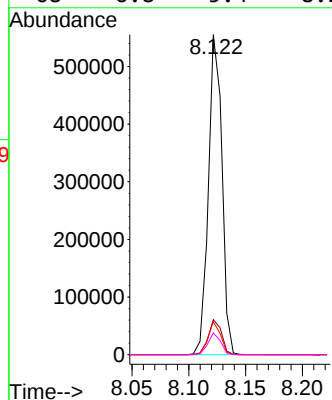
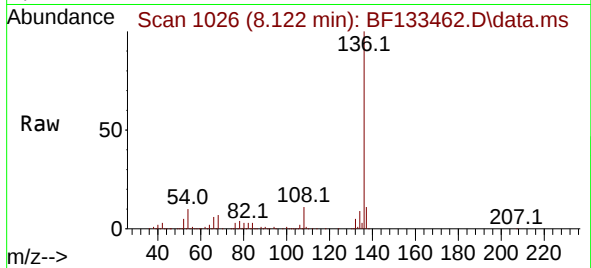




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF133462.D
Acq: 24 May 2023 11:11

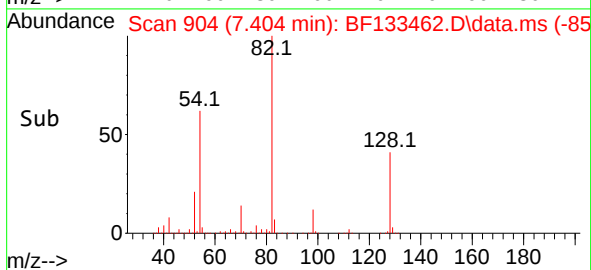
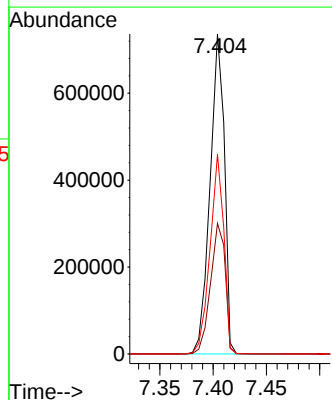
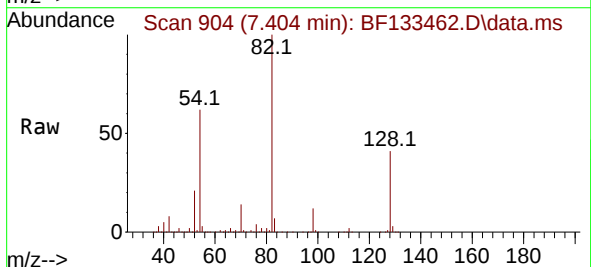
Instrument :
BNA_F
ClientSampleId :
PB153000BL

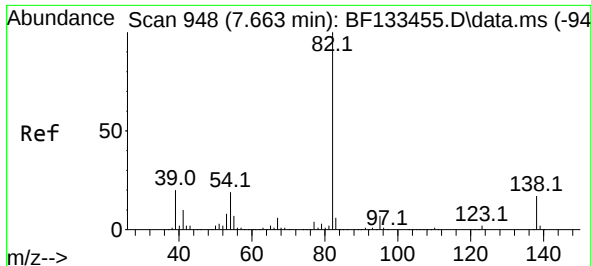
Tgt Ion:136 Resp: 458419
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.3 8.0 12.0
68 6.8 5.4 8.2



#23
Nitrobenzene-d5
Concen: 103.938 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF133462.D
Acq: 24 May 2023 11:11

Tgt Ion: 82 Resp: 689185
Ion Ratio Lower Upper
82 100
128 40.8 33.0 49.6
54 62.4 48.5 72.7

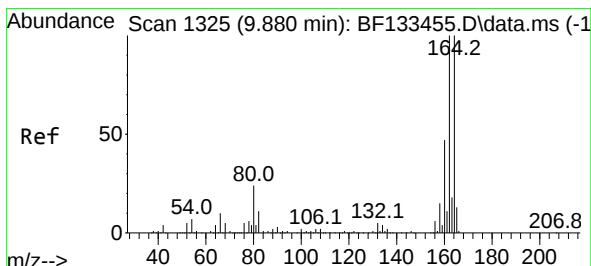
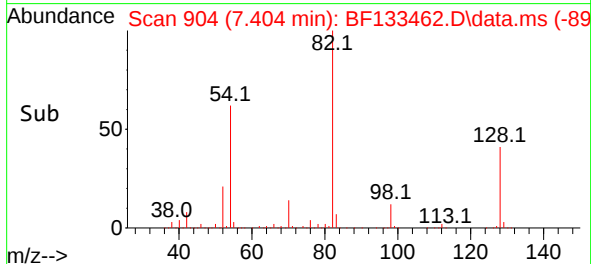
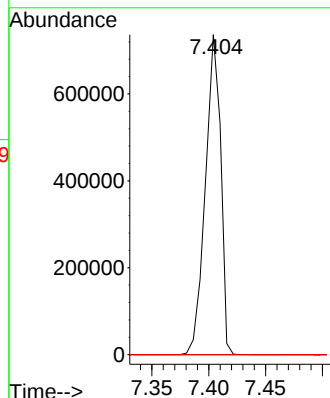
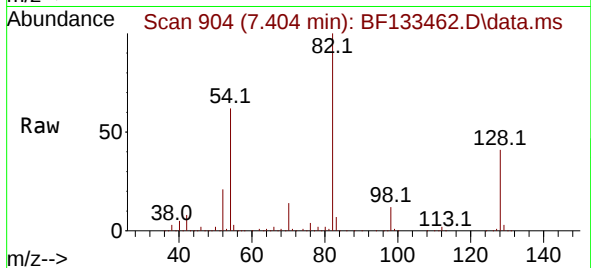




#25
Isophorone
Concen: 44.178 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF133462.D
Acq: 24 May 2023 11:11

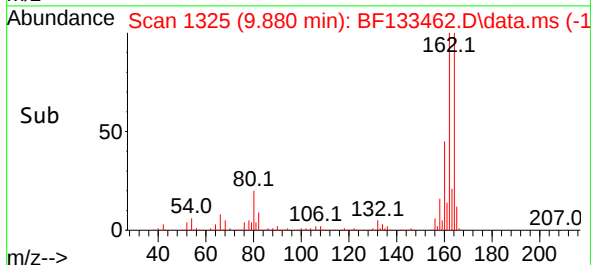
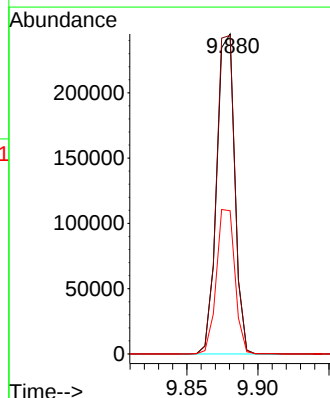
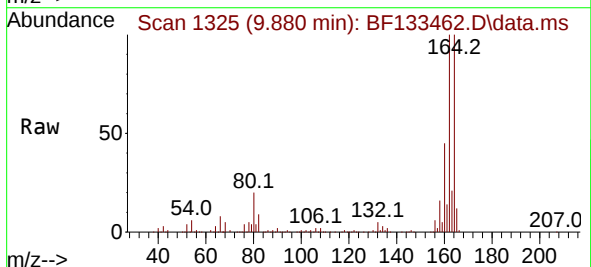
Instrument :
BNA_F
ClientSampleId :
PB153000BL

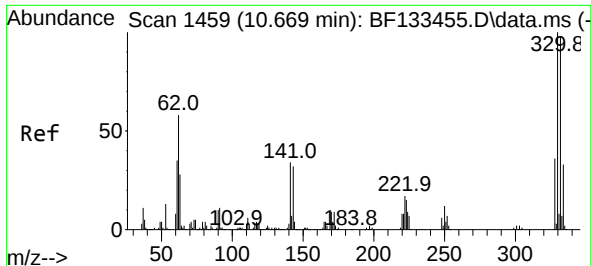
Tgt Ion: 82 Resp: 689299
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF133462.D
Acq: 24 May 2023 11:11

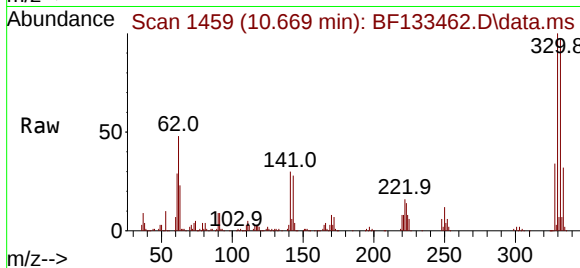
Tgt Ion:164 Resp: 216503
Ion Ratio Lower Upper
164 100
162 99.6 79.8 119.6
160 44.7 37.4 56.0



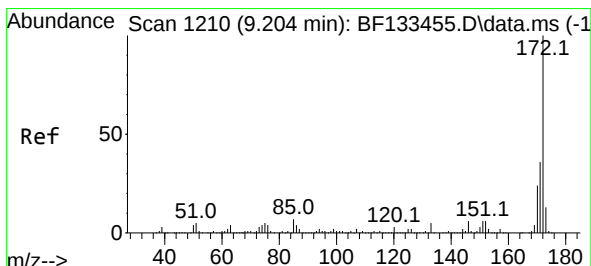
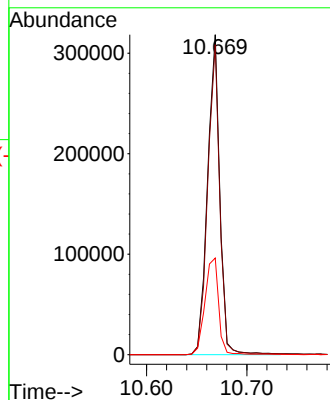
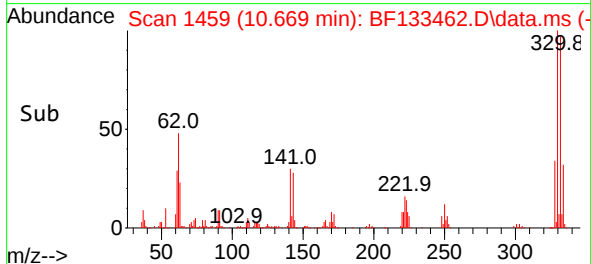


#42
 2,4,6-Tribromophenol
 Concen: 135.876 ng
 RT: 10.669 min Scan# 1459
 Delta R.T. -0.000 min
 Lab File: BF133462.D
 Acq: 24 May 2023 11:11

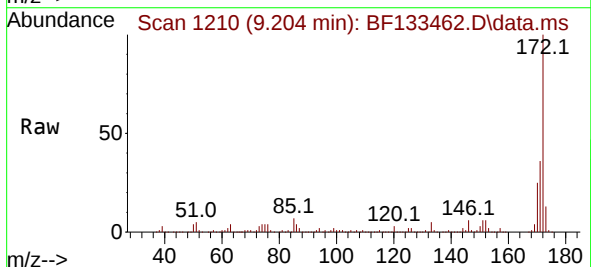
Instrument :
 BNA_F
 ClientSampleId :
 PB153000BL



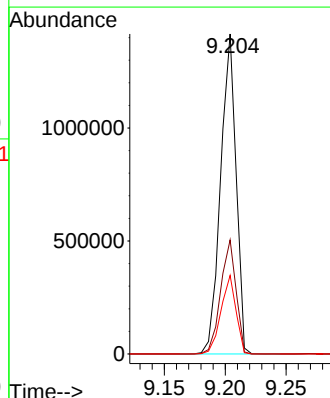
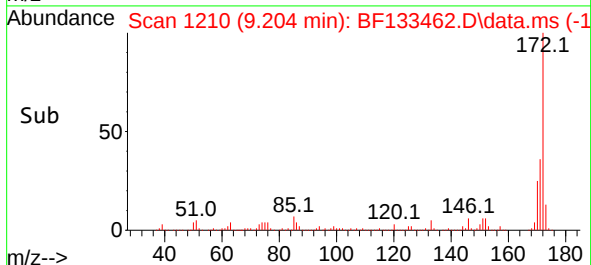
Tgt Ion:330 Resp: 271746
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 34.0 28.5 42.7

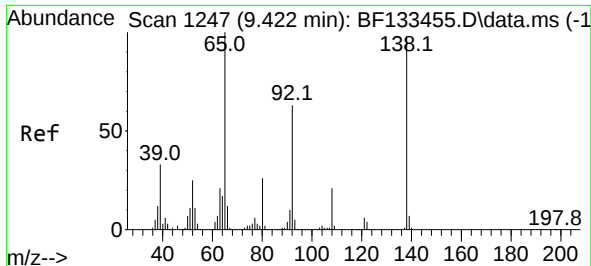


#45
 2-Fluorobiphenyl
 Concen: 81.407 ng
 RT: 9.204 min Scan# 1210
 Delta R.T. -0.000 min
 Lab File: BF133462.D
 Acq: 24 May 2023 11:11



Tgt Ion:172 Resp: 1252727
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 24.6 19.0 28.4

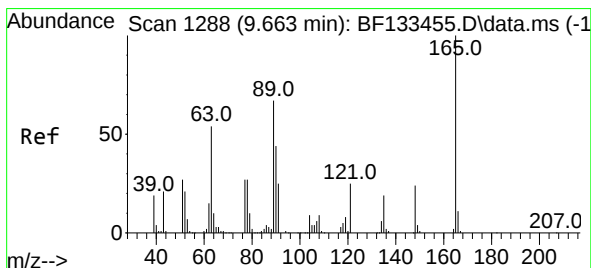
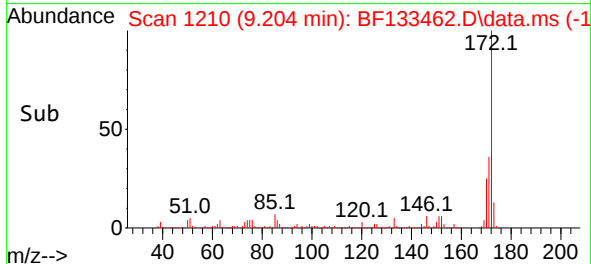
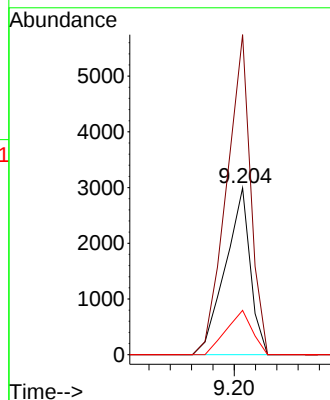
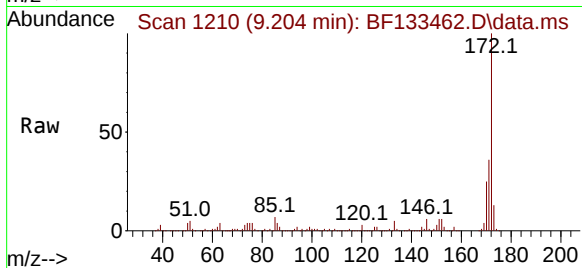




#48
2-Nitroaniline
Concen: 6.050 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF133462.D
Acq: 24 May 2023 11:11

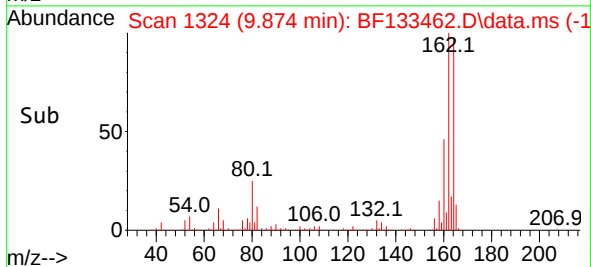
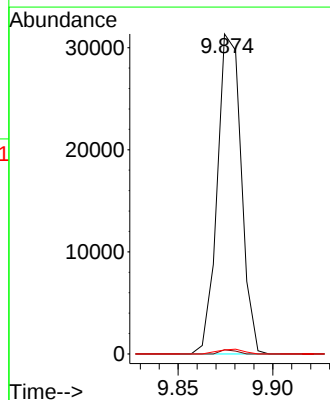
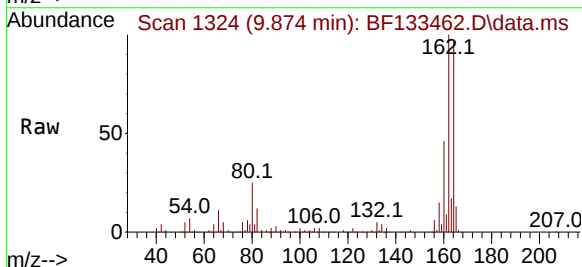
Instrument :
BNA_F
ClientSampleId :
PB153000BL

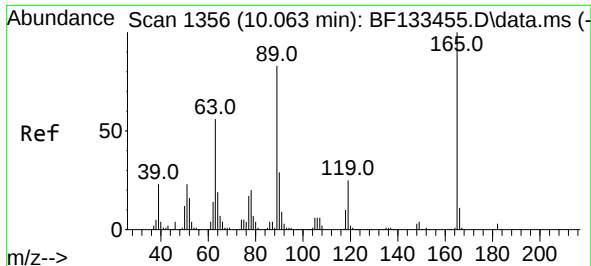
Tgt Ion: 65 Resp: 2442
Ion Ratio Lower Upper
65 100
92 191.9 50.1 75.1#
138 26.6 78.6 118.0#



#51
2,6-Dinitrotoluene
Concen: 13.361 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.211 min
Lab File: BF133462.D
Acq: 24 May 2023 11:11

Tgt Ion:165 Resp: 27571
Ion Ratio Lower Upper
165 100
63 1.3 61.0 91.4#
89 1.3 53.5 80.3#

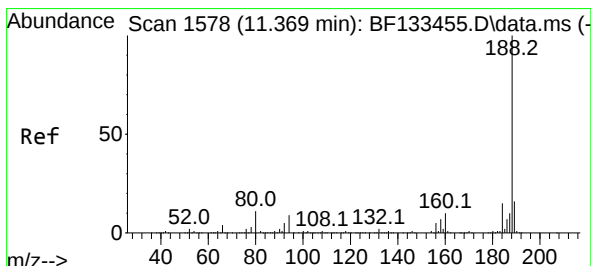
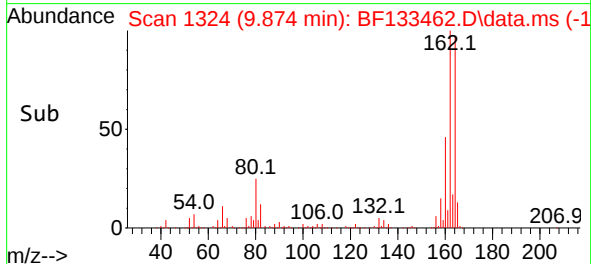
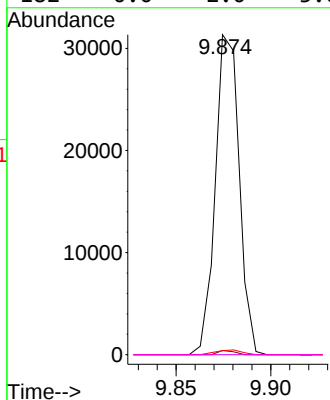
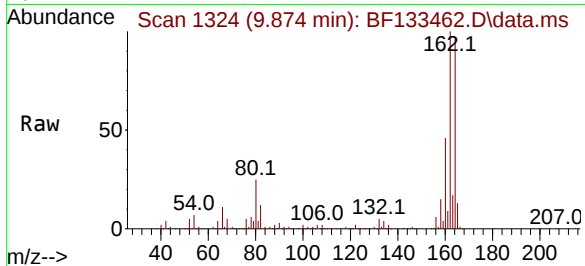




#57
2,4-Dinitrotoluene
Concen: 12.672 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF133462.D
Acq: 24 May 2023 11:11

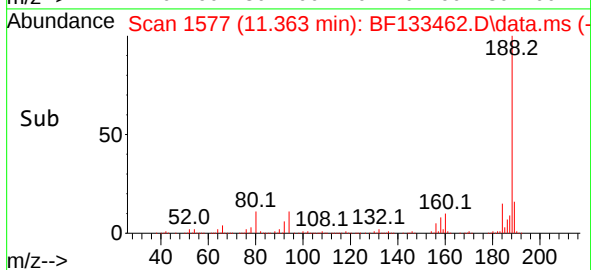
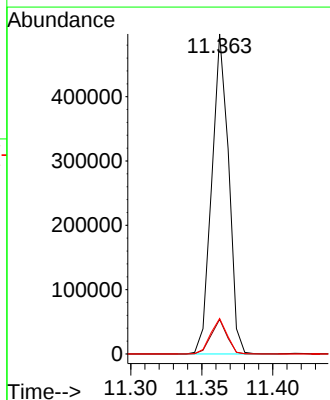
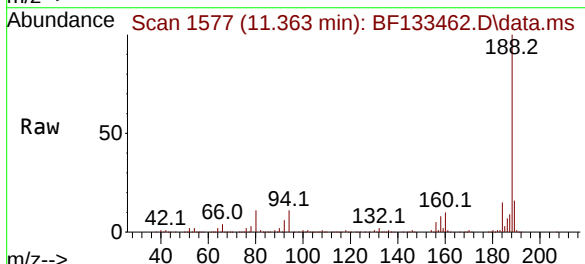
Instrument :
BNA_F
ClientSampleId :
PB153000BL

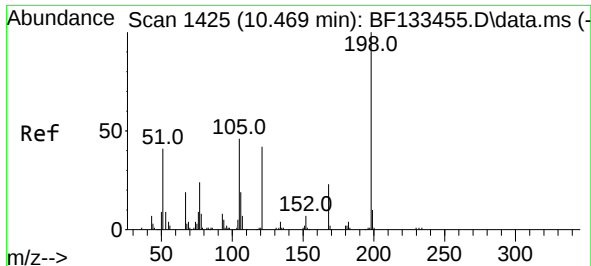
Tgt Ion:165 Resp: 27571
Ion Ratio Lower Upper
165 100
63 1.3 45.1 67.7#
89 1.3 66.7 100.1#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF133462.D
Acq: 24 May 2023 11:11

Tgt Ion:188 Resp: 408769
Ion Ratio Lower Upper
188 100
94 10.8 7.5 11.3
80 11.1 8.7 13.1





#65

4,6-Dinitro-2-methylphenol

Concen: 8.599 ng

RT: 10.663 min Scan# 1458

Delta R.T. 0.194 min

Lab File: BF133462.D

Acq: 24 May 2023 11:11

Instrument :

BNA_F

ClientSampleId :

PB153000BL

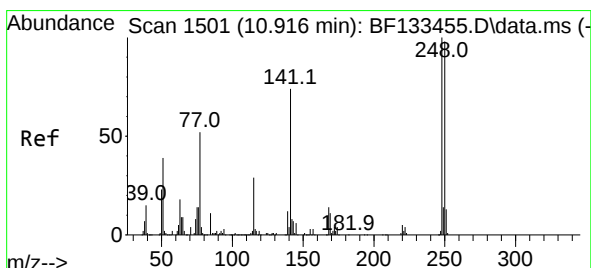
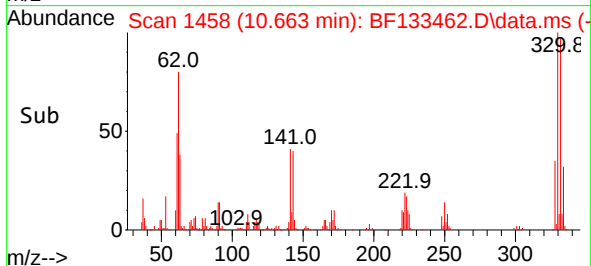
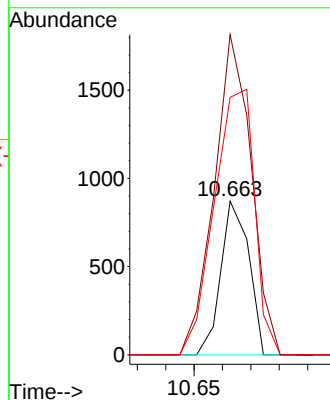
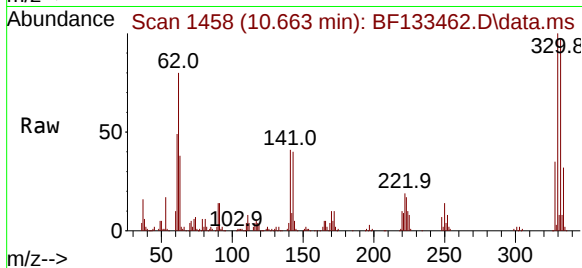
Tgt Ion:198 Resp: 596

Ion Ratio Lower Upper

198 100

51 208.4 38.5 78.5#

105 167.5 29.6 69.6#



#67

4-Bromophenyl-phenylether

Concen: 3.847 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.247 min

Lab File: BF133462.D

Acq: 24 May 2023 11:11

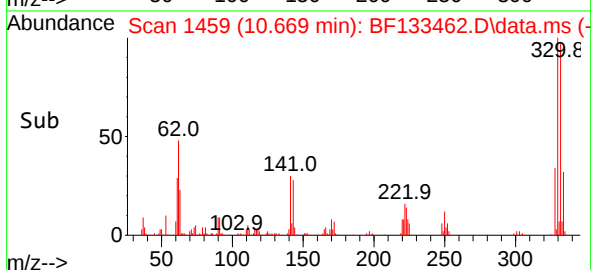
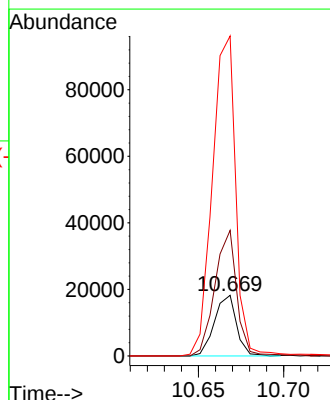
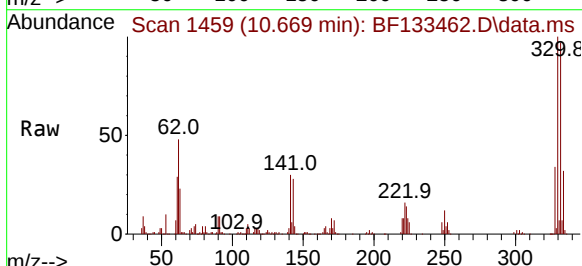
Tgt Ion:248 Resp: 16492

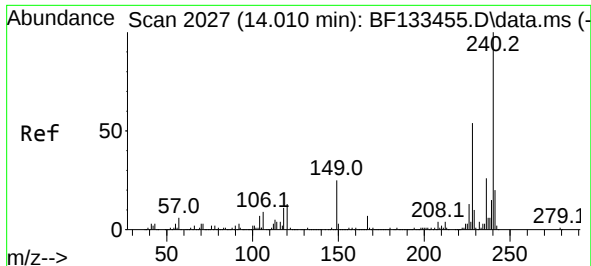
Ion Ratio Lower Upper

248 100

250 207.1 78.3 117.5#

141 528.0 59.1 88.7#

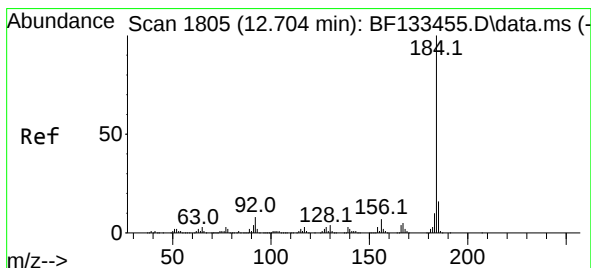
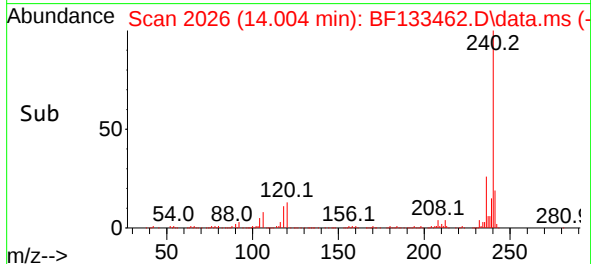
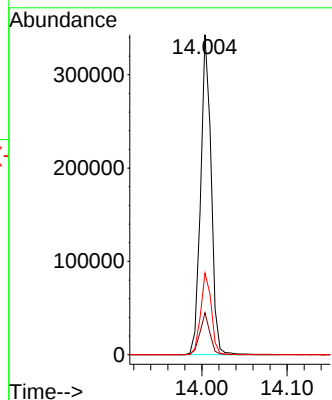
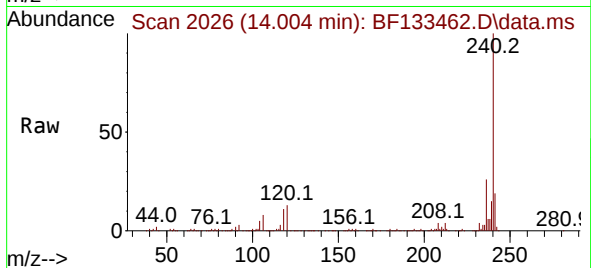




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF133462.D
Acq: 24 May 2023 11:11

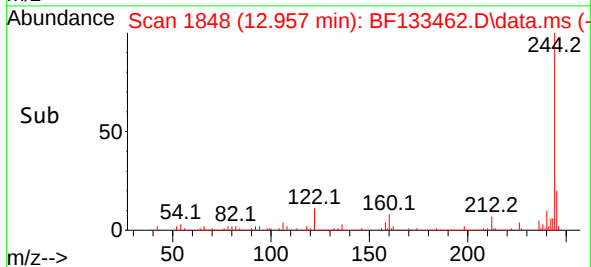
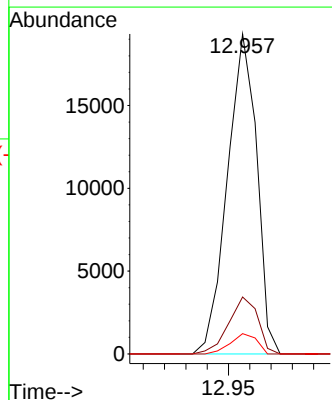
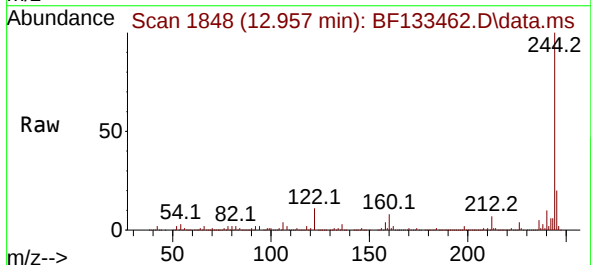
Instrument :
BNA_F
ClientSampleId :
PB153000BL

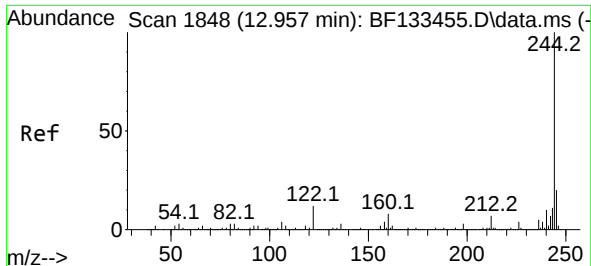
Tgt Ion:240 Resp: 293291
Ion Ratio Lower Upper
240 100
120 13.1 10.2 15.4
236 25.5 20.9 31.3



#77
Benzidine
Concen: 2.653 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.253 min
Lab File: BF133462.D
Acq: 24 May 2023 11:11

Tgt Ion:184 Resp: 18542
Ion Ratio Lower Upper
184 100
185 17.8 12.6 19.0
183 6.3 8.2 12.2#

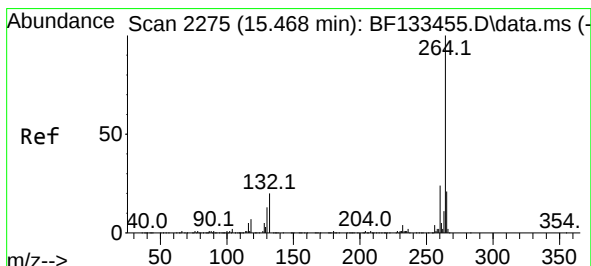
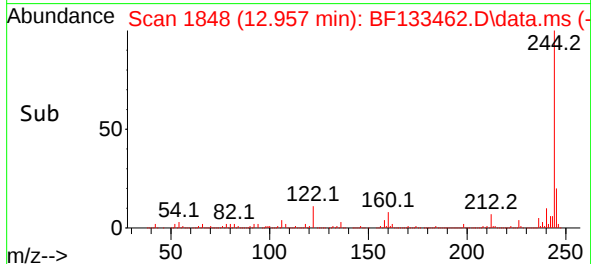
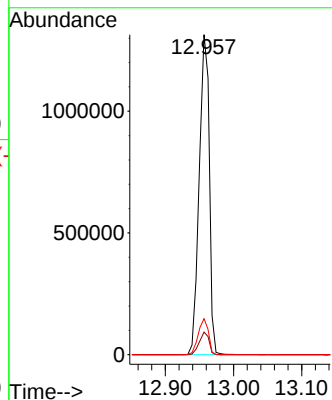
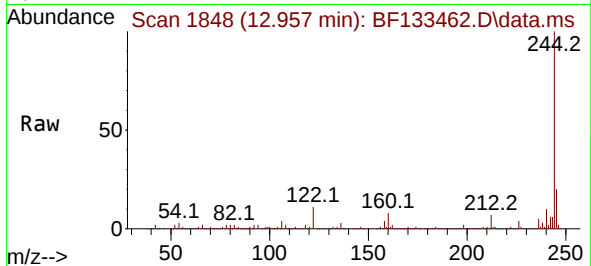




#79
 Terphenyl-d14
 Concen: 88.209 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133462.D
 Acq: 24 May 2023 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB153000BL

Tgt Ion:244 Resp: 1353140
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.2 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF133462.D
 Acq: 24 May 2023 11:11

Tgt Ion:264 Resp: 317791
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 22.7 17.0 25.4

