

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
 Data File : BF132057.D
 Acq On : 13 Jan 2023 13:50
 Operator : CG\JU
 Sample : PB150221BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150221BL

Quant Time: Jan 16 01:16:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

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

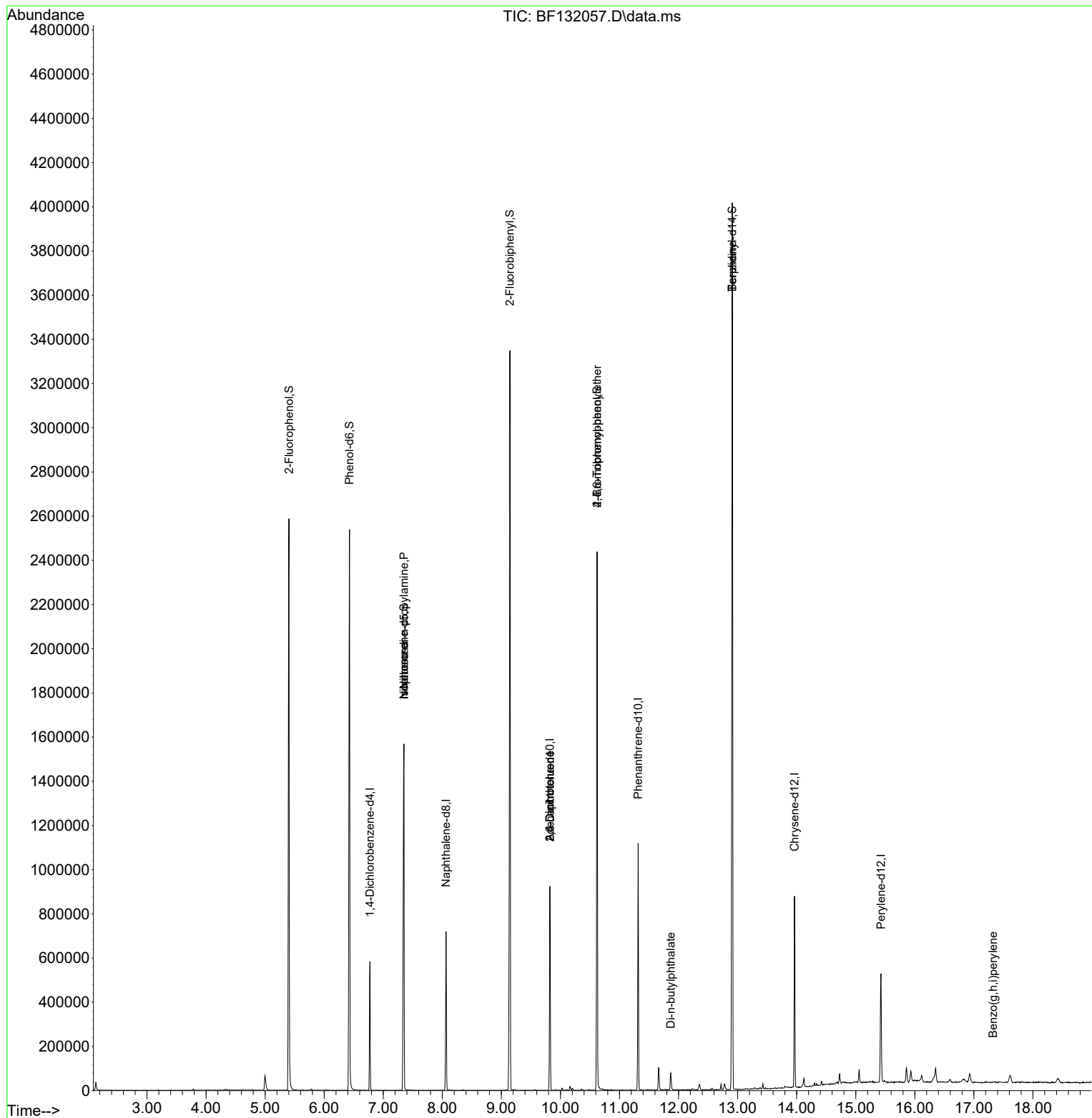
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	79988	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	303000	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	185093	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	364642	20.000	ng	0.00
76) Chrysene-d12	13.962	240	274503	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	196039	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	685824	141.282	ng	0.02
7) Phenol-d6	6.428	99	863412	134.149	ng	0.00
23) Nitrobenzene-d5	7.351	82	614093	84.115	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	271000	127.340	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1124907	82.044	ng	0.00
79) Terphenyl-d14	12.910	244	1499937	78.317	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	88323	18.970	ng	# 76
25) Isophorone	7.351	82	610262	44.745	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	23773	7.834	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	23773	5.860	ng	# 13
67) 4-Bromophenyl-phenylether	10.622	248	18830	4.128	ng	# 1
74) Di-n-butylphthalate	11.868	149	53663	2.379	ng	99
77) Benzidine	12.910	184	23508	2.578	ng	# 93
92) Benzo(g,h,i)perylene	17.327	276	374	3.557	ng	# 58

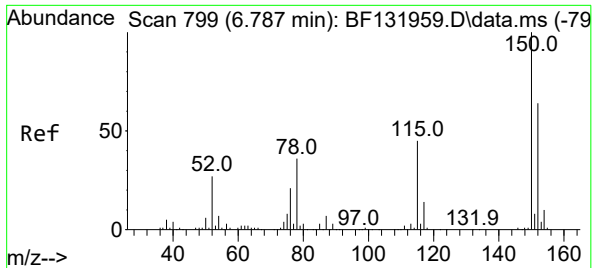
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
Data File : BF132057.D
Acq On : 13 Jan 2023 13:50
Operator : CG\JU
Sample : PB150221BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB150221BL

Quant Time: Jan 16 01:16:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 23:59:08 2023
Response via : Initial Calibration

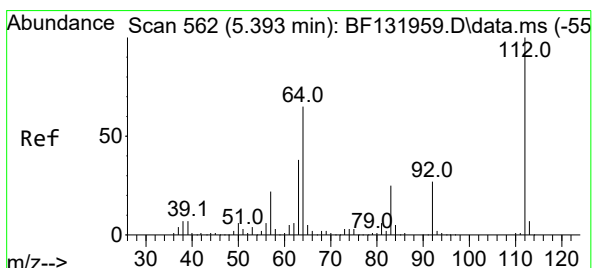
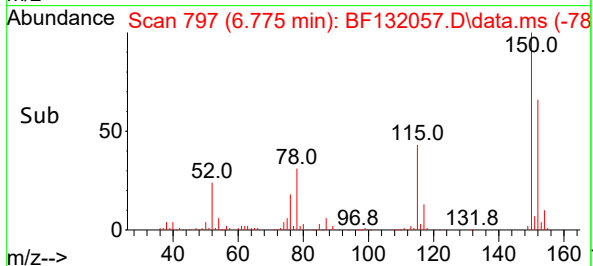
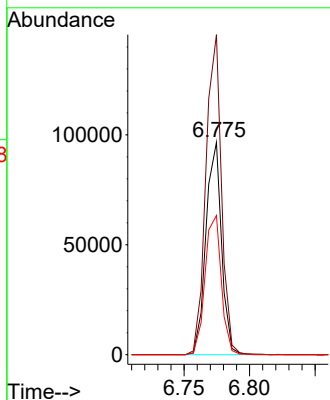
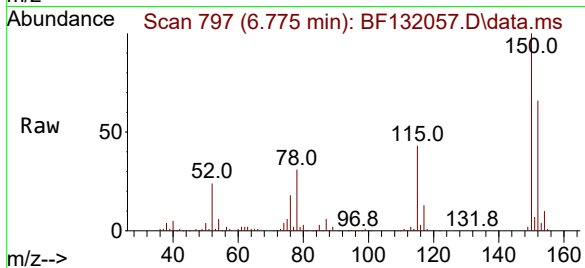




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: BF132057.D
 Acq: 13 Jan 2023 13:50

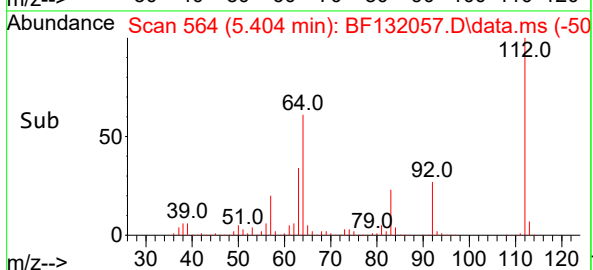
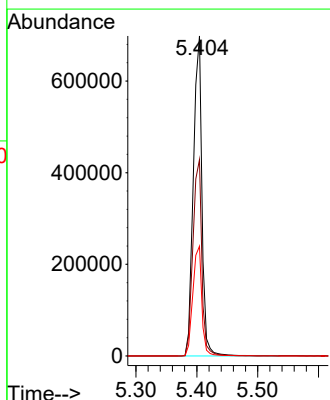
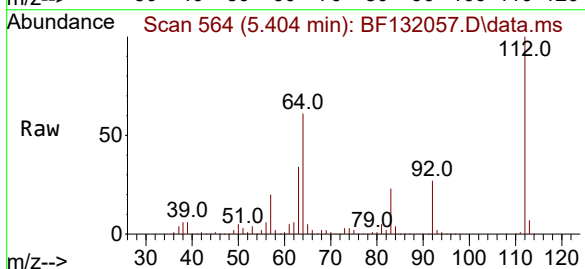
Instrument :
 BNA_F
 ClientSampleId :
 PB150221BL

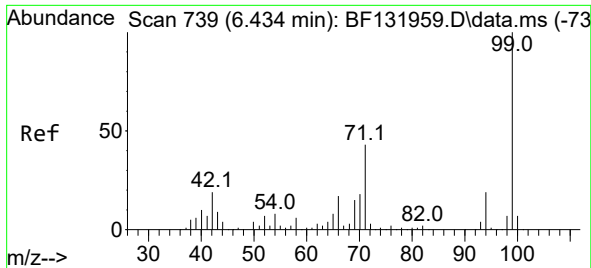
Tgt Ion:152 Resp: 79988
 Ion Ratio Lower Upper
 152 100
 150 150.7 124.6 186.8
 115 65.5 55.6 83.4



#5
 2-Fluorophenol
 Concen: 141.282 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.023 min
 Lab File: BF132057.D
 Acq: 13 Jan 2023 13:50

Tgt Ion:112 Resp: 685824
 Ion Ratio Lower Upper
 112 100
 64 61.3 51.9 77.9
 63 34.3 30.2 45.2

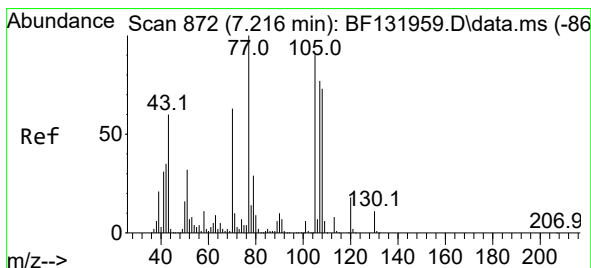
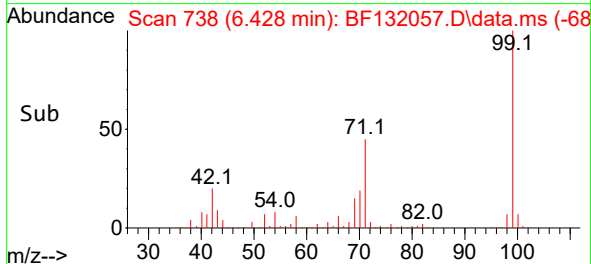
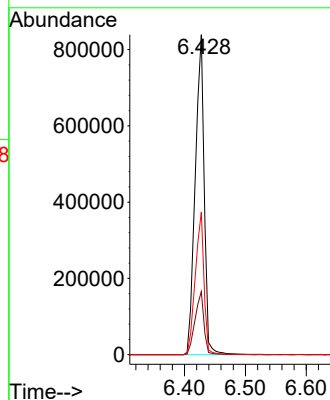
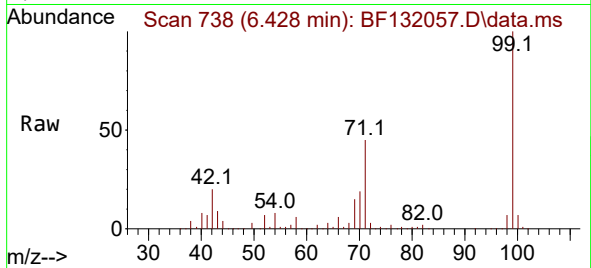




#7
Phenol-d6
Concen: 134.149 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132057.D
Acq: 13 Jan 2023 13:50

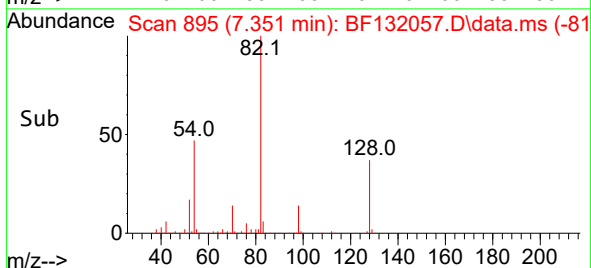
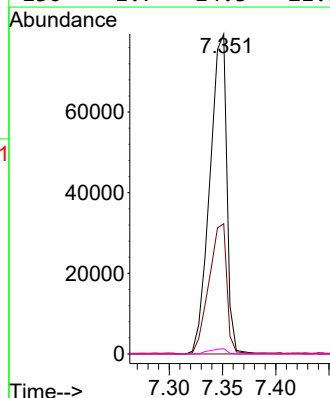
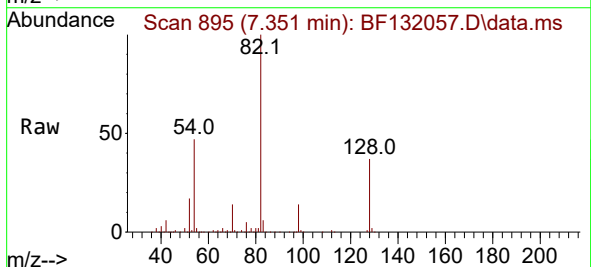
Instrument :
BNA_F
ClientSampleId :
PB150221BL

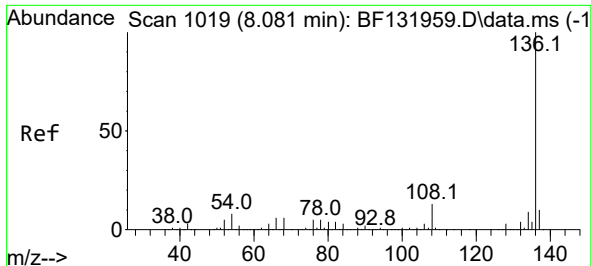
Tgt Ion: 99 Resp: 863412
Ion Ratio Lower Upper
99 100
42 19.7 15.4 23.2
71 44.6 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.970 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.153 min
Lab File: BF132057.D
Acq: 13 Jan 2023 13:50

Tgt Ion: 70 Resp: 88323
Ion Ratio Lower Upper
70 100
42 40.7 44.3 66.5#
101 0.0 7.5 11.3#
130 1.7 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF132057.D

Acq: 13 Jan 2023 13:50

Instrument :

BNA_F

ClientSampleId :

PB150221BL

Tgt Ion:136 Resp: 303000

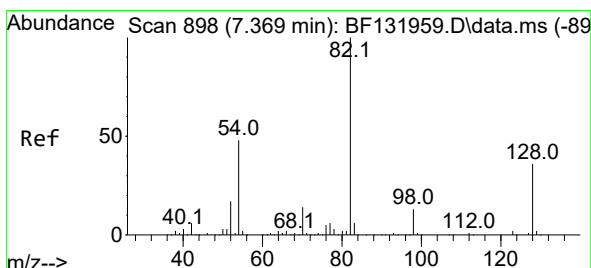
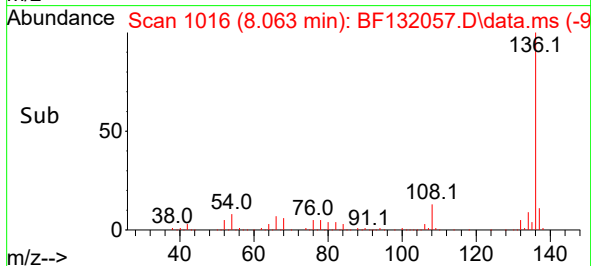
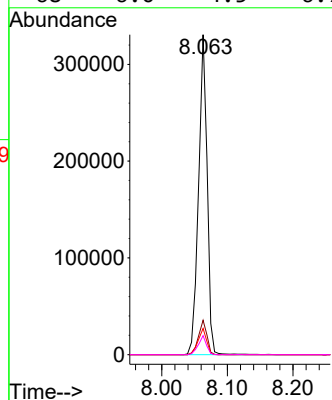
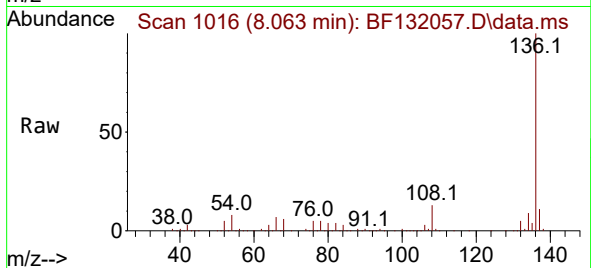
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.2

54 8.2 6.6 9.8

68 6.0 4.5 6.7



#23

Nitrobenzene-d5

Concen: 84.115 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.000 min

Lab File: BF132057.D

Acq: 13 Jan 2023 13:50

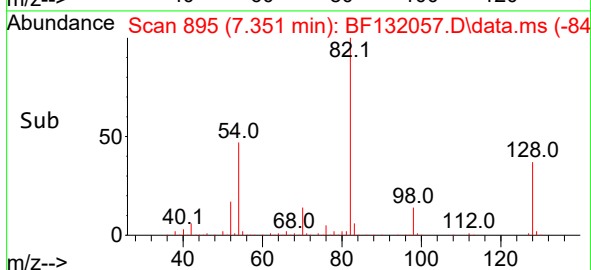
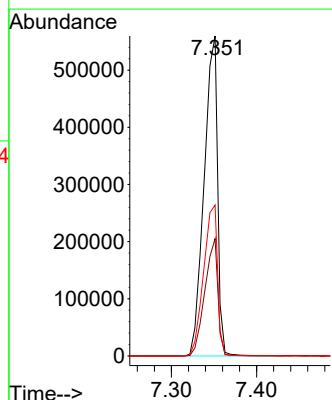
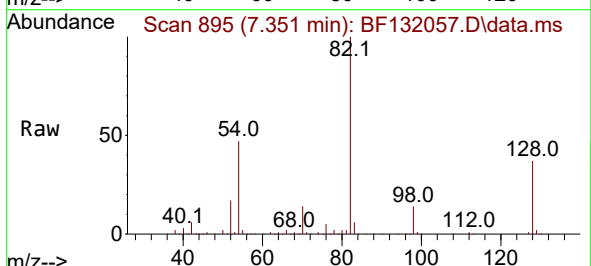
Tgt Ion: 82 Resp: 614093

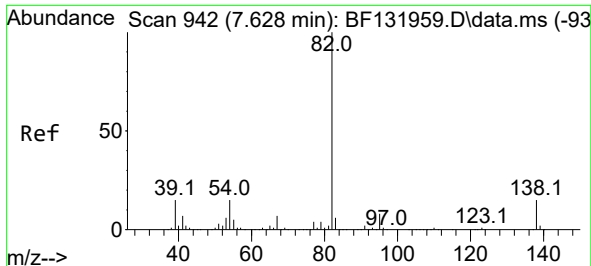
Ion Ratio Lower Upper

82 100

128 36.6 28.7 43.1

54 47.1 38.1 57.1

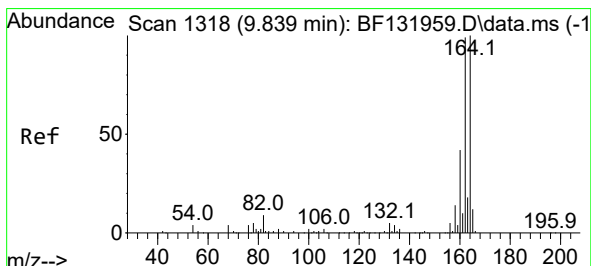
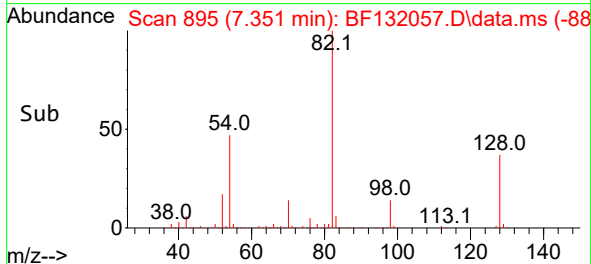
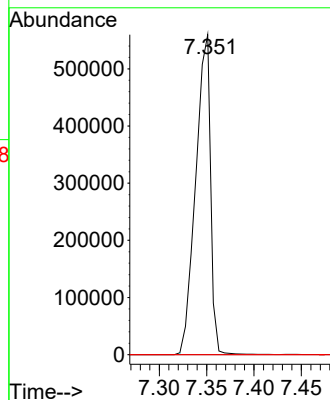
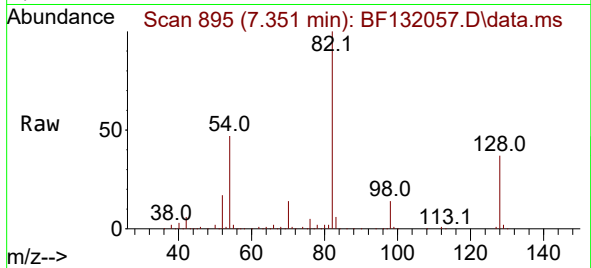




#25
Isophorone
Concen: 44.745 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.259 min
Lab File: BF132057.D
Acq: 13 Jan 2023 13:50

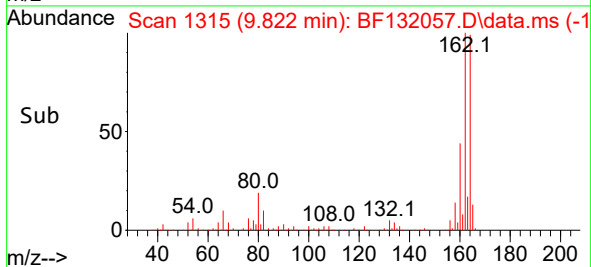
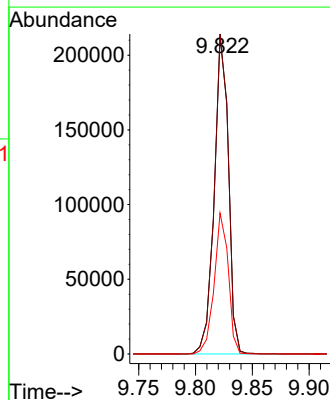
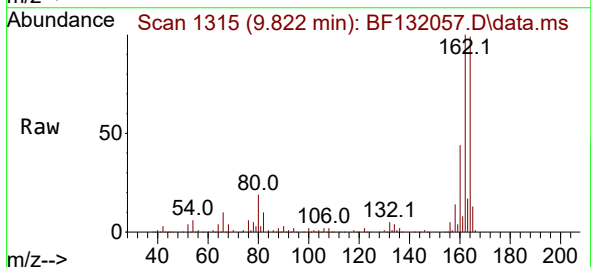
Instrument :
BNA_F
ClientSampleId :
PB150221BL

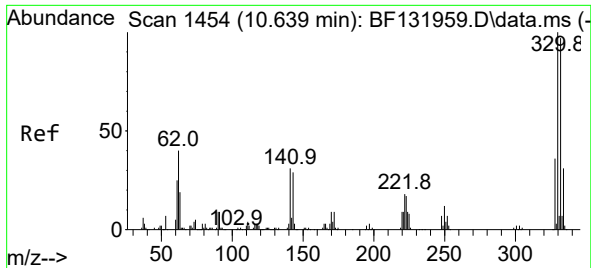
Tgt Ion: 82 Resp: 610262
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132057.D
Acq: 13 Jan 2023 13:50

Tgt Ion:164 Resp: 185093
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.0
160 44.4 33.9 50.9

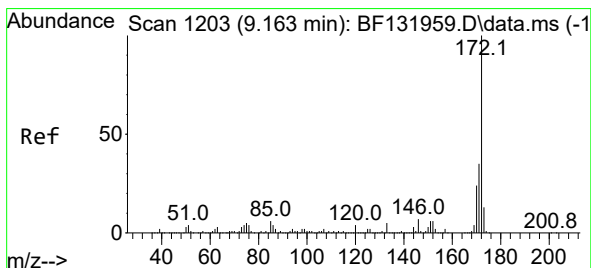
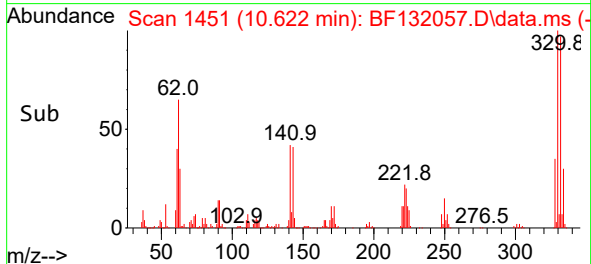
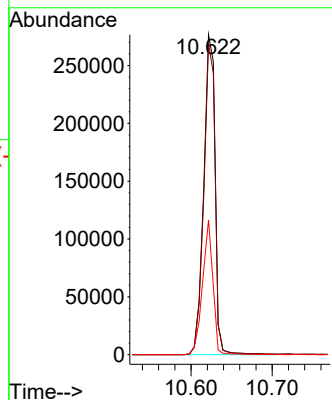
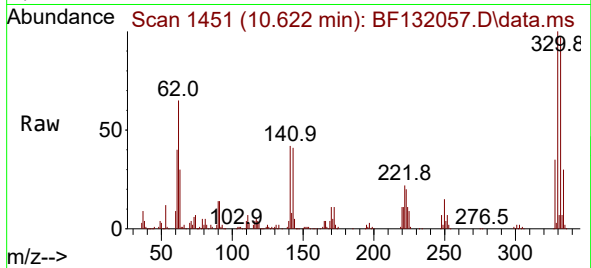




#42
2,4,6-Tribromophenol
Concen: 127.340 ng
RT: 10.622 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF132057.D
Acq: 13 Jan 2023 13:50

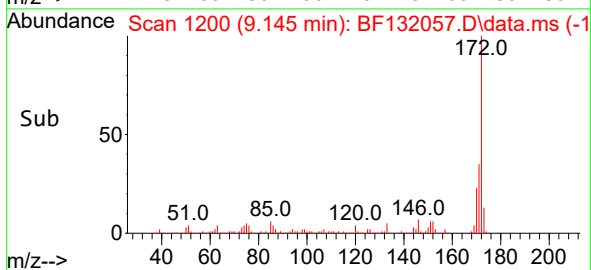
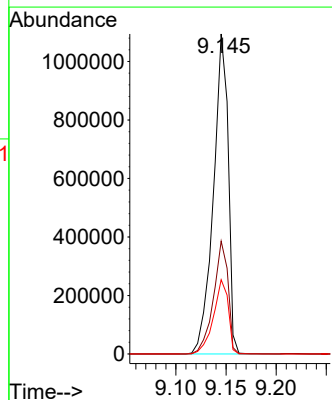
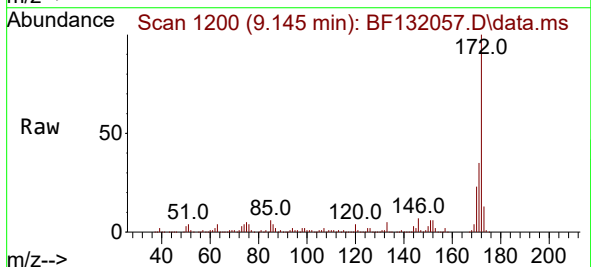
Instrument :
BNA_F
ClientSampleId :
PB150221BL

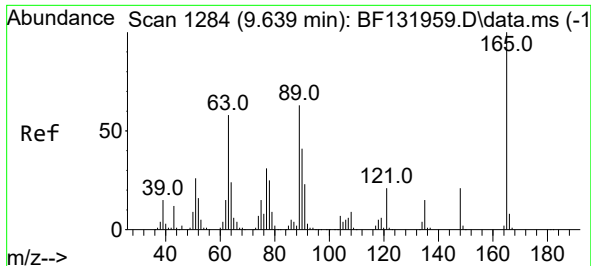
Tgt Ion:330 Resp: 271000
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 38.4 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 82.044 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF132057.D
Acq: 13 Jan 2023 13:50

Tgt Ion:172 Resp: 1124907
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.2 18.9 28.3

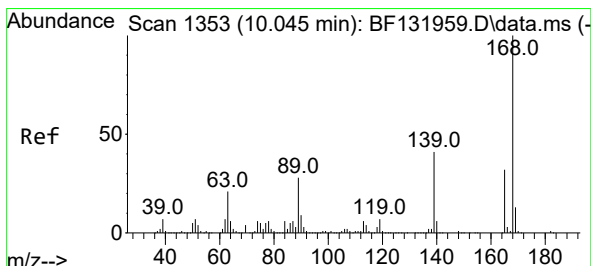
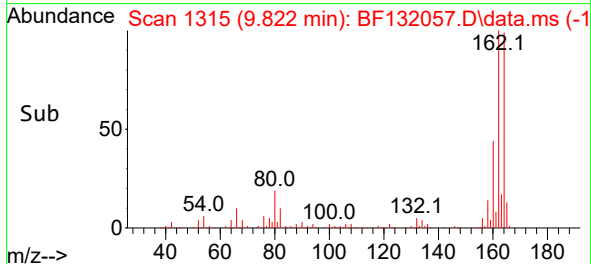
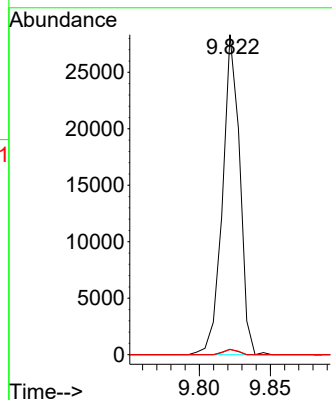
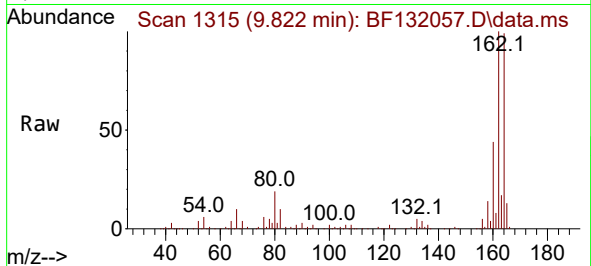




#51
2,6-Dinitrotoluene
Concen: 7.834 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF132057.D
Acq: 13 Jan 2023 13:50

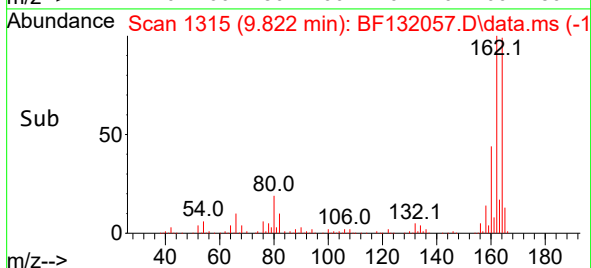
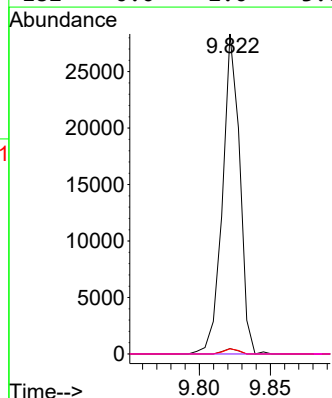
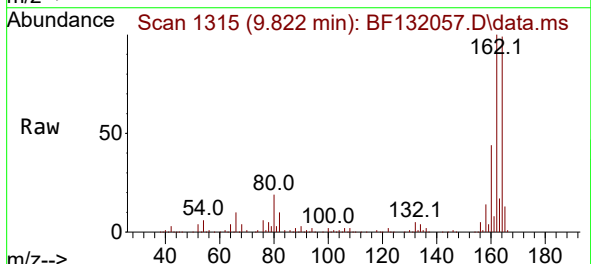
Instrument :
BNA_F
ClientSampleId :
PB150221BL

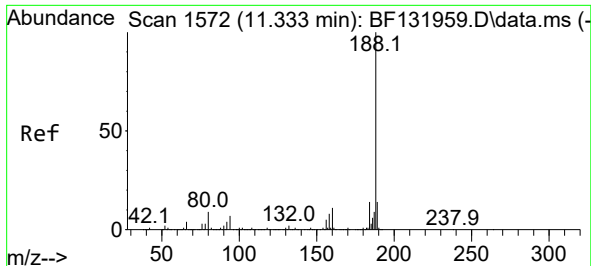
Tgt Ion:165 Resp: 23773
Ion Ratio Lower Upper
165 100
63 1.7 47.4 71.0#
89 1.6 50.2 75.2#



#57
2,4-Dinitrotoluene
Concen: 5.860 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF132057.D
Acq: 13 Jan 2023 13:50

Tgt Ion:165 Resp: 23773
Ion Ratio Lower Upper
165 100
63 1.7 53.2 79.8#
89 1.6 71.2 106.8#
182 0.0 2.0 3.0#

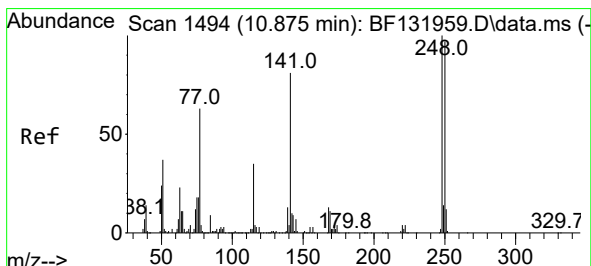
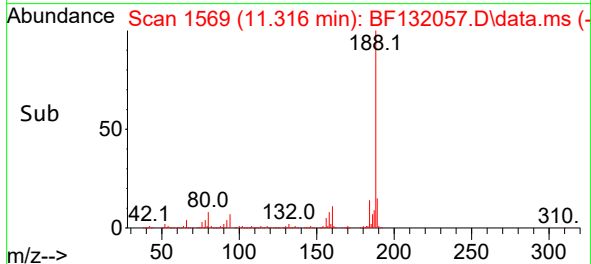
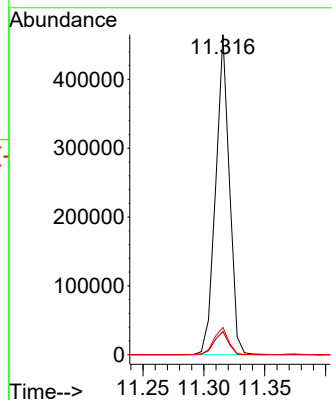
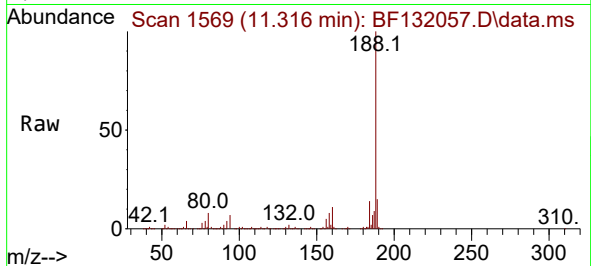




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132057.D
Acq: 13 Jan 2023 13:50

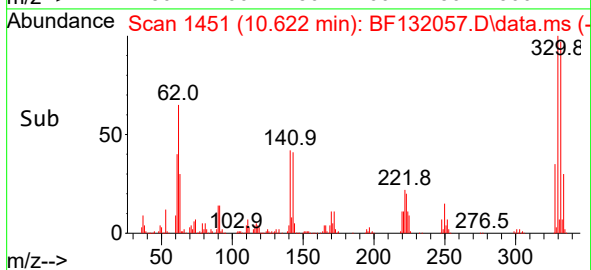
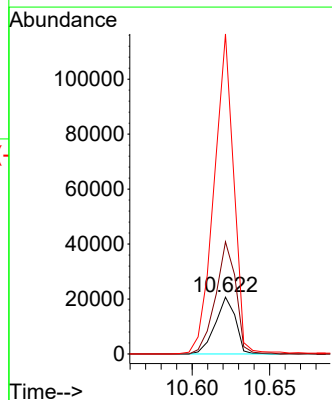
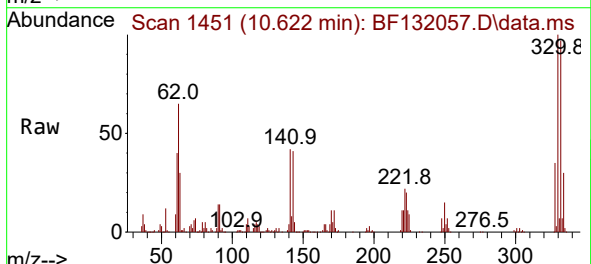
Instrument :
BNA_F
ClientSampleId :
PB150221BL

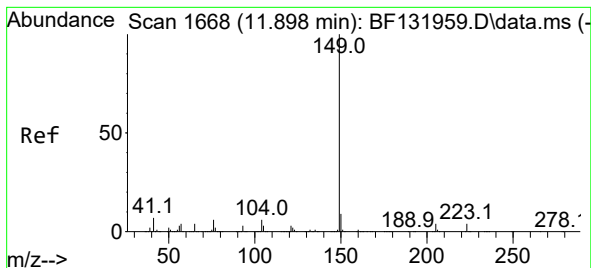
Tgt Ion:188 Resp: 364642
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.6
80 8.5 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 4.128 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.235 min
Lab File: BF132057.D
Acq: 13 Jan 2023 13:50

Tgt Ion:248 Resp: 18830
Ion Ratio Lower Upper
248 100
250 197.5 77.4 116.2#
141 563.8 65.0 97.6#





#74

Di-n-butylphthalate

Concen: 2.379 ng

RT: 11.868 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132057.D

Acq: 13 Jan 2023 13:50

Instrument :

BNA_F

ClientSampleId :

PB150221BL

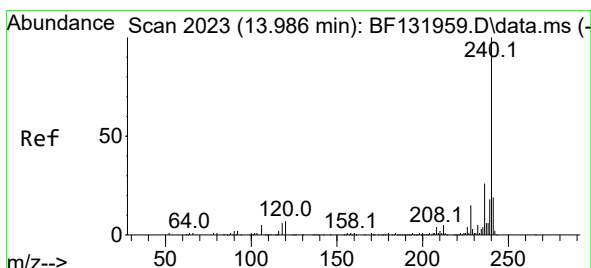
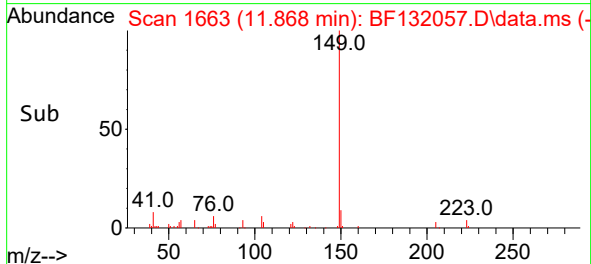
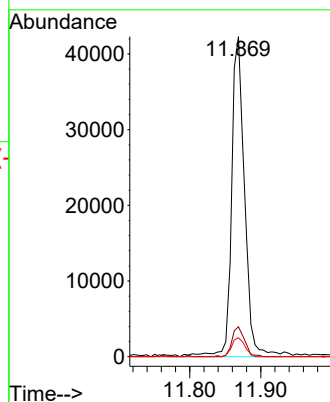
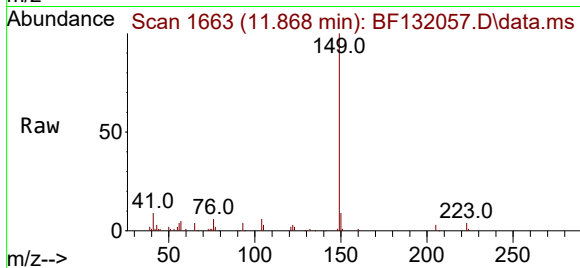
Tgt Ion:149 Resp: 53663

Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.9 5.0 7.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF132057.D

Acq: 13 Jan 2023 13:50

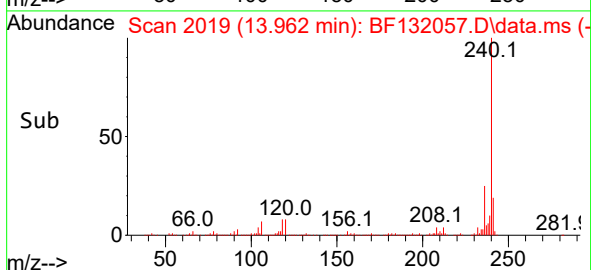
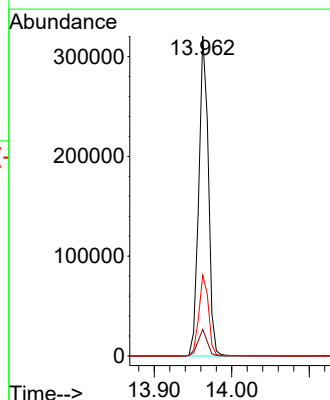
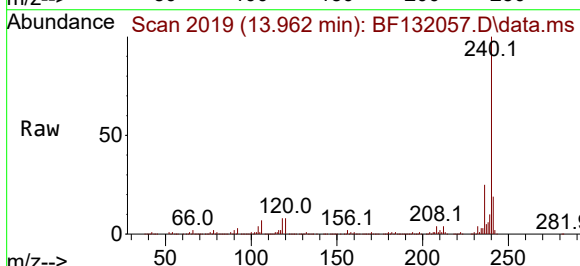
Tgt Ion:240 Resp: 274503

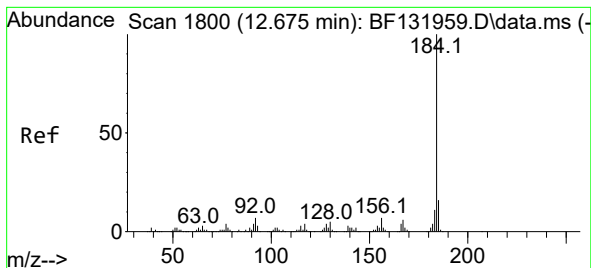
Ion Ratio Lower Upper

240 100

120 8.3 5.4 8.0#

236 25.2 21.1 31.7





#77

Benzidine

Concen: 2.578 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.253 min

Lab File: BF132057.D

Acq: 13 Jan 2023 13:50

Instrument :

BNA_F

ClientSampleId :

PB150221BL

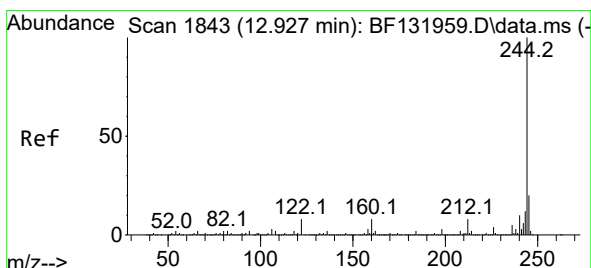
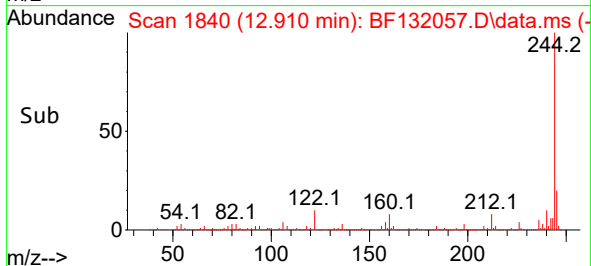
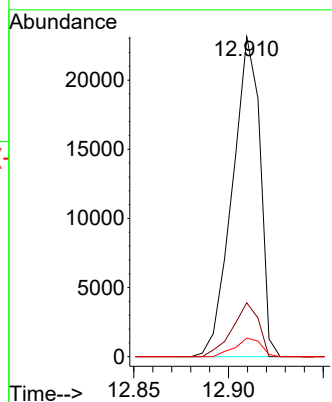
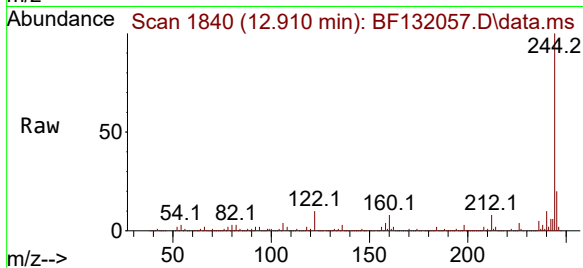
Tgt Ion:184 Resp: 23508

Ion Ratio Lower Upper

184 100

185 16.9 12.8 19.2

183 5.8 9.0 13.4#



#79

Terphenyl-d14

Concen: 78.317 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.006 min

Lab File: BF132057.D

Acq: 13 Jan 2023 13:50

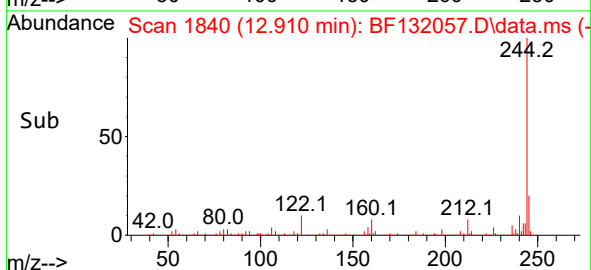
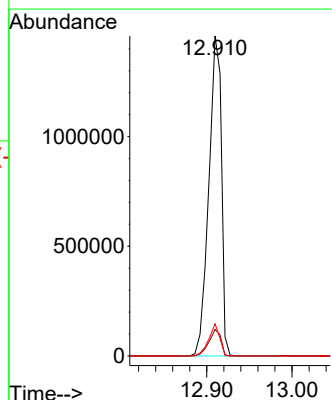
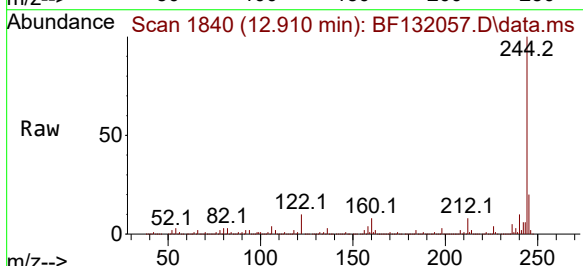
Tgt Ion:244 Resp: 1499937

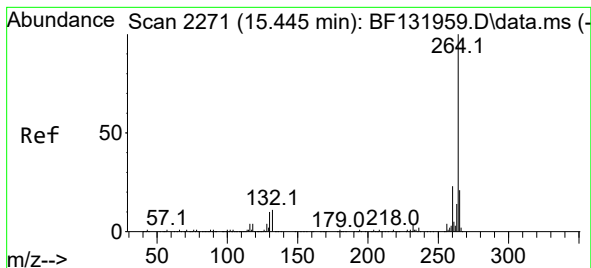
Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

122 10.0 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF132057.D

Acq: 13 Jan 2023 13:50

Instrument :

BNA_F

ClientSampleId :

PB150221BL

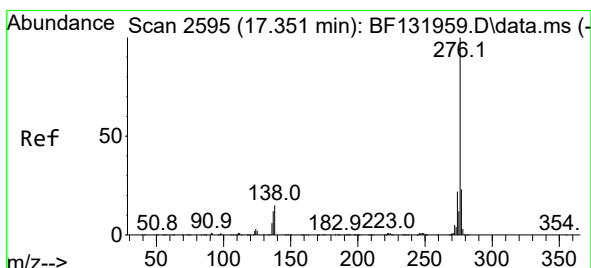
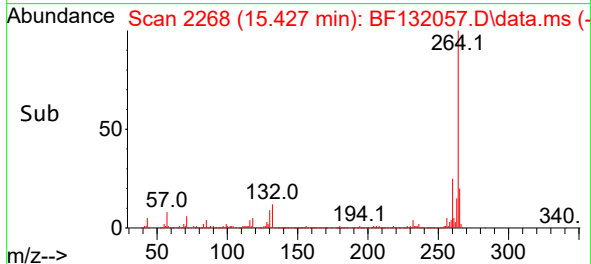
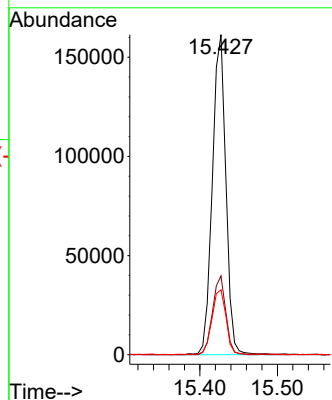
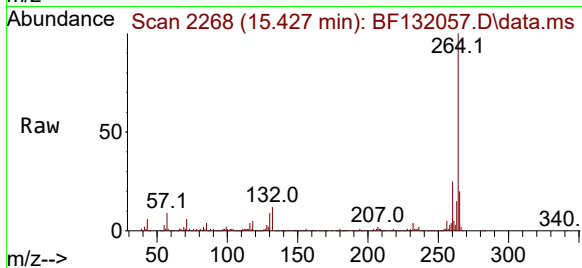
Tgt Ion:264 Resp: 196039

Ion Ratio Lower Upper

264 100

260 24.6 18.3 27.5

265 20.3 16.9 25.3



#92

Benzo(g,h,i)perylene

Concen: 3.557 ng

RT: 17.327 min Scan# 2591

Delta R.T. 0.012 min

Lab File: BF132057.D

Acq: 13 Jan 2023 13:50

Tgt Ion:276 Resp: 374

Ion Ratio Lower Upper

276 100

277 0.0 18.2 27.2#

138 0.0 11.7 17.5#

