

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
 Data File : BF132342.D
 Acq On : 07 Feb 2023 13:47
 Operator : CG\JU
 Sample : PB150708BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150708BL

Quant Time: Feb 08 03:57:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:05:36 2023
 Response via : Initial Calibration

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

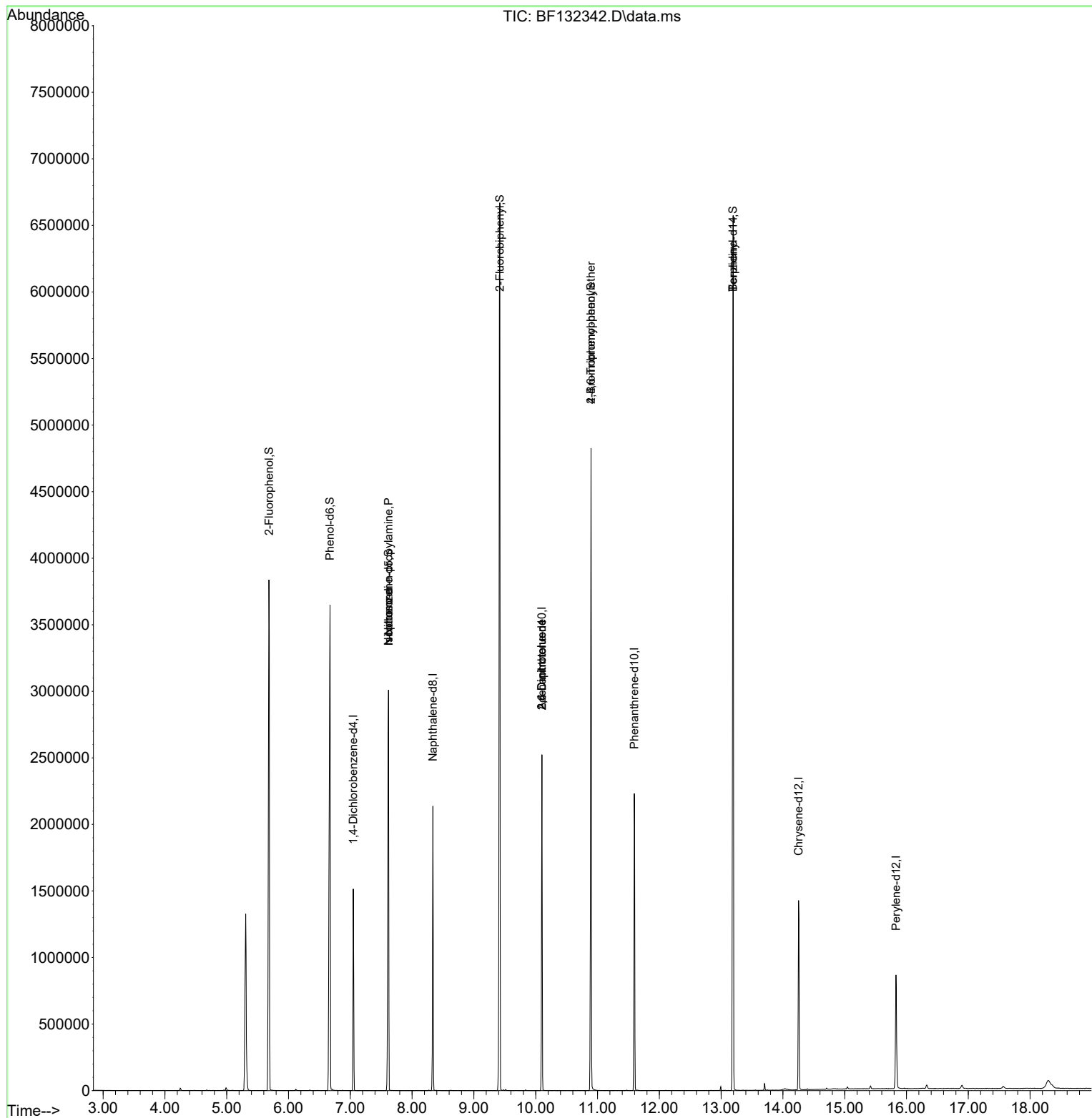
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	227767	20.000	ng	0.00
21) Naphthalene-d8	8.336	136	910061	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	478365	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	856408	20.000	ng	0.00
76) Chrysene-d12	14.254	240	481973	20.000	ng	-0.01
86) Perylene-d12	15.830	264	390984	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1568685	110.705	ng	0.02
7) Phenol-d6	6.672	99	1917086	109.739	ng	0.00
23) Nitrobenzene-d5	7.619	82	1175469	71.876	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	664753	135.131	ng	0.00
45) 2-Fluorobiphenyl	9.419	172	2232476	72.068	ng	0.00
79) Terphenyl-d14	13.195	244	2427797	97.440	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.619	70	147875	14.902	ng	# 76
25) Isophorone	7.619	82	1175444	37.868	ng	# 64
51) 2,6-Dinitrotoluene	10.101	165	62994	8.429	ng	# 24
57) 2,4-Dinitrotoluene	10.101	165	62994	6.489	ng	# 23
67) 4-Bromophenyl-phenylether	10.895	248	37390	4.264	ng	# 1
77) Benzidine	13.195	184	38120	2.262	ng	# 93

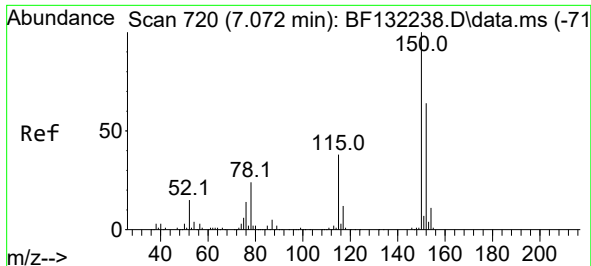
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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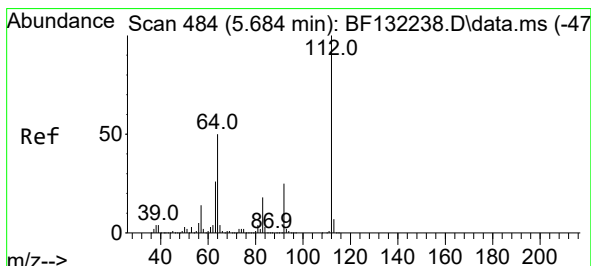
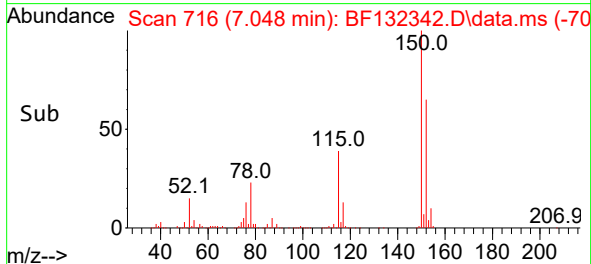
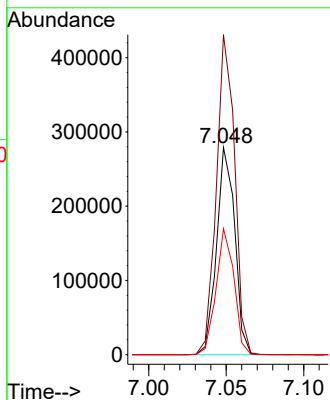
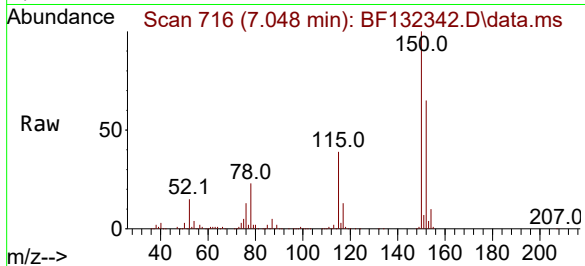




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.048 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132342.D
 Acq: 07 Feb 2023 13:47

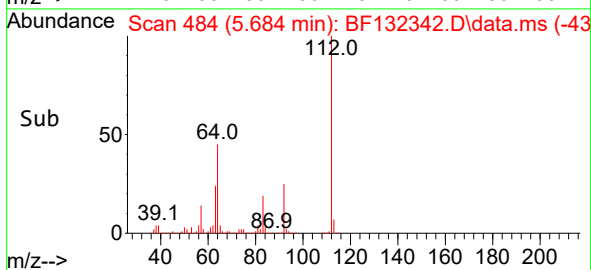
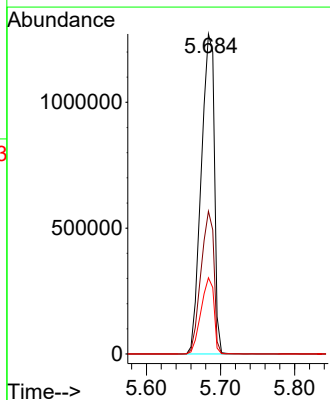
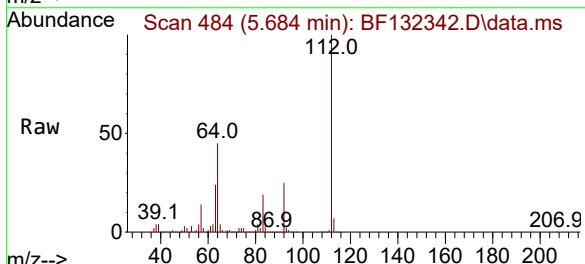
Instrument :
 BNA_F
 ClientSampleId :
 PB150708BL

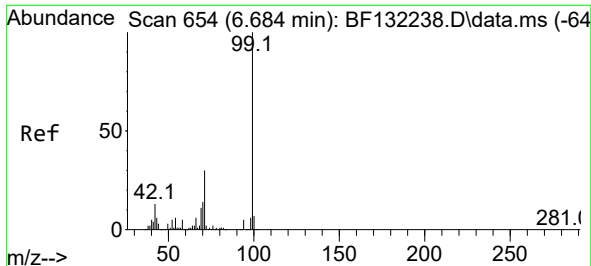
Tgt Ion:152 Resp: 227767
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.2 186.2
 115 60.8 47.3 70.9



#5
 2-Fluorophenol
 Concen: 110.705 ng
 RT: 5.684 min Scan# 484
 Delta R.T. 0.017 min
 Lab File: BF132342.D
 Acq: 07 Feb 2023 13:47

Tgt Ion:112 Resp: 1568685
 Ion Ratio Lower Upper
 112 100
 64 44.6 40.0 60.0
 63 23.8 20.5 30.7

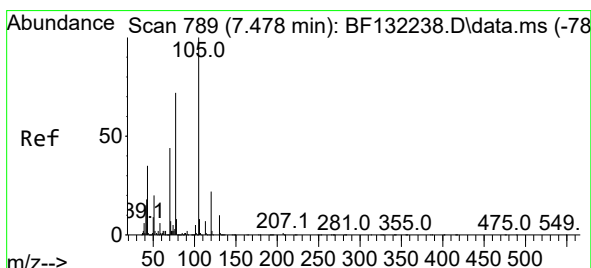
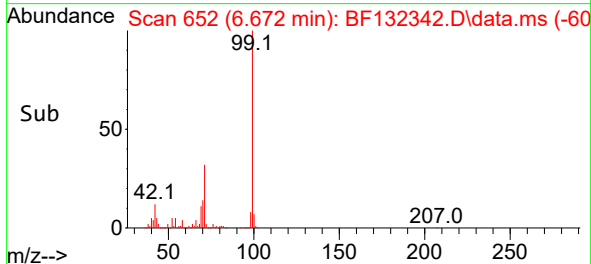
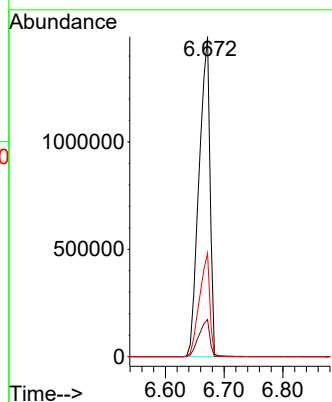
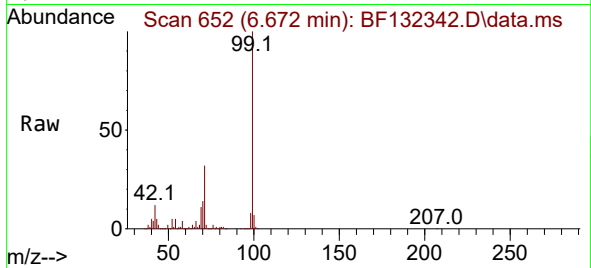




#7
Phenol-d6
Concen: 109.739 ng
RT: 6.672 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132342.D
Acq: 07 Feb 2023 13:47

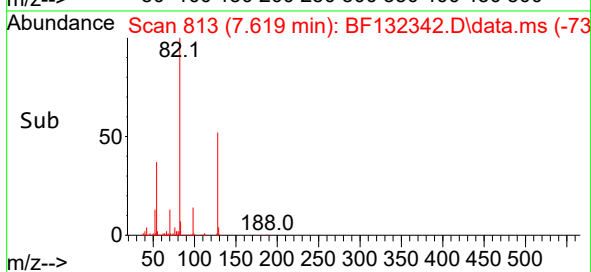
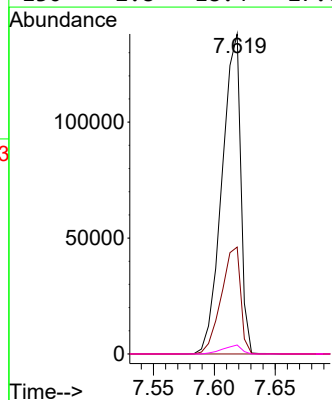
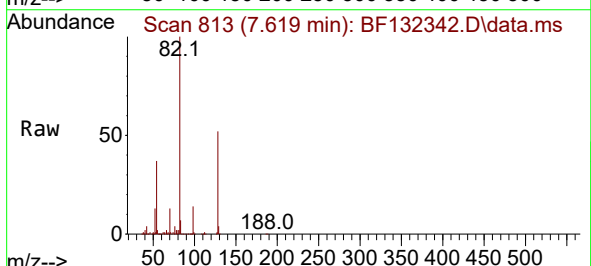
Instrument :
BNA_F
ClientSampleId :
PB150708BL

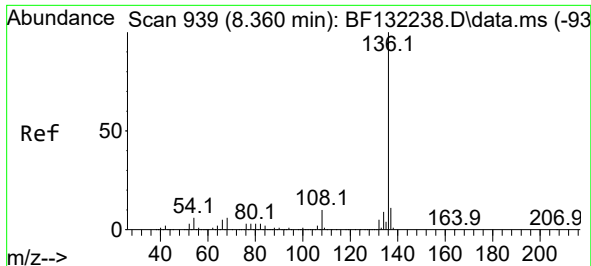
Tgt Ion: 99 Resp: 1917086
Ion Ratio Lower Upper
99 100
42 11.6 10.1 15.1
71 32.3 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.902 ng
RT: 7.619 min Scan# 813
Delta R.T. 0.159 min
Lab File: BF132342.D
Acq: 07 Feb 2023 13:47

Tgt Ion: 70 Resp: 147875
Ion Ratio Lower Upper
70 100
42 33.4 33.4 50.0
101 0.0 8.2 12.4#
130 2.8 18.4 27.6#

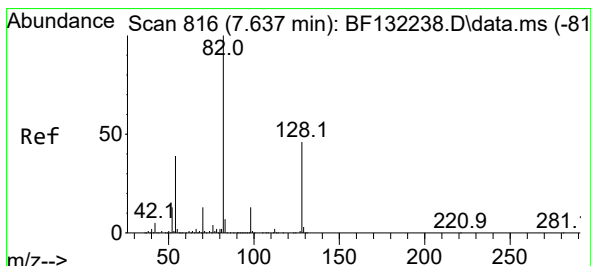
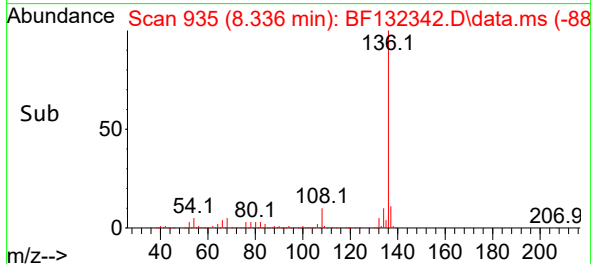
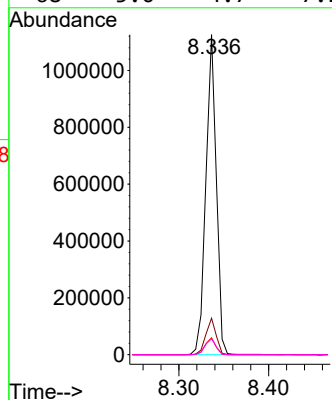
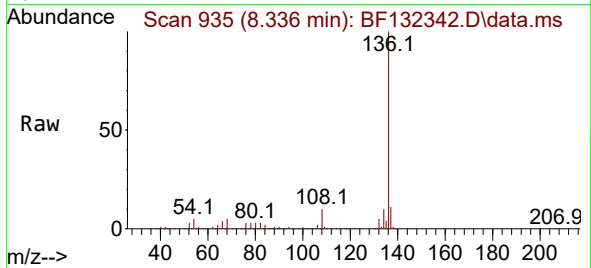




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.336 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132342.D
Acq: 07 Feb 2023 13:47

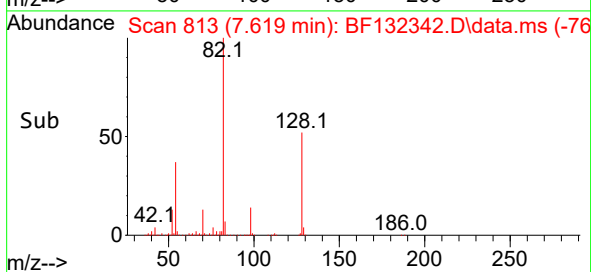
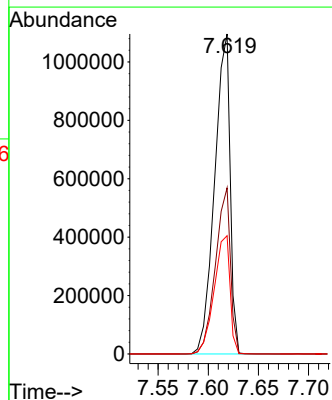
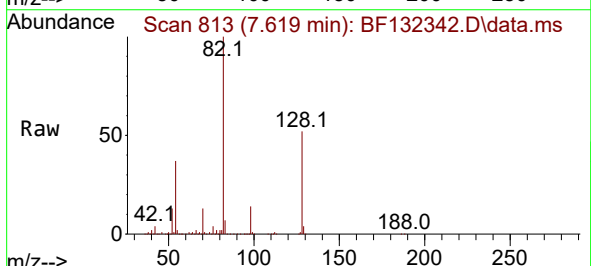
Instrument :
BNA_F
ClientSampleId :
PB150708BL

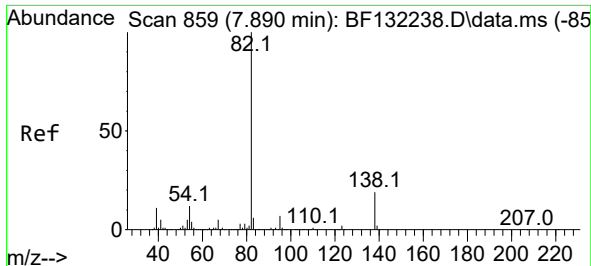
Tgt Ion:136 Resp: 910061
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 5.3 4.9 7.3
68 5.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 71.876 ng
RT: 7.619 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF132342.D
Acq: 07 Feb 2023 13:47

Tgt Ion: 82 Resp: 1175469
Ion Ratio Lower Upper
82 100
128 51.9 37.0 55.4
54 37.0 31.5 47.3

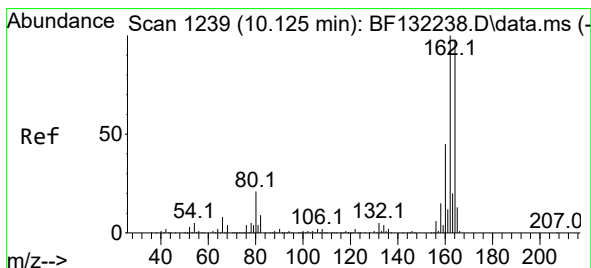
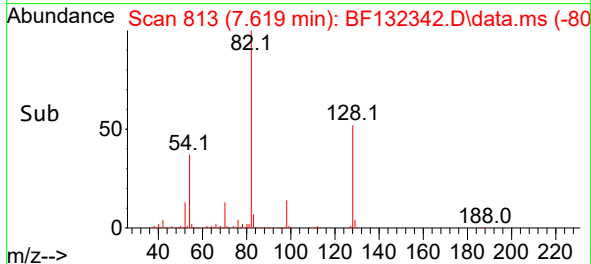
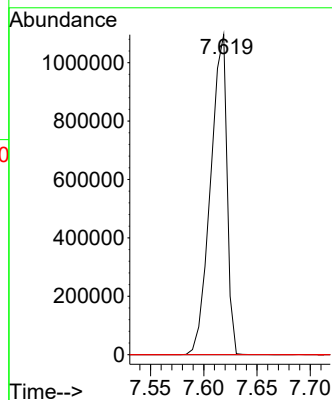
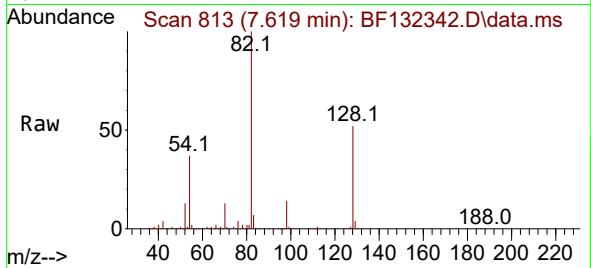




#25
Isophorone
Concen: 37.868 ng
RT: 7.619 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF132342.D
Acq: 07 Feb 2023 13:47

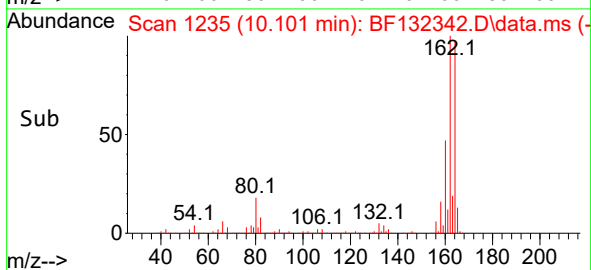
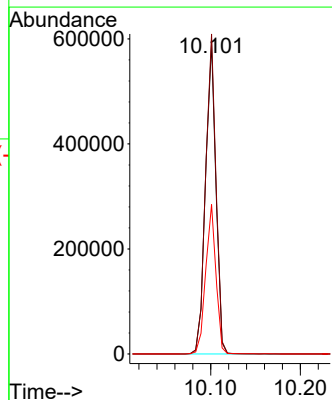
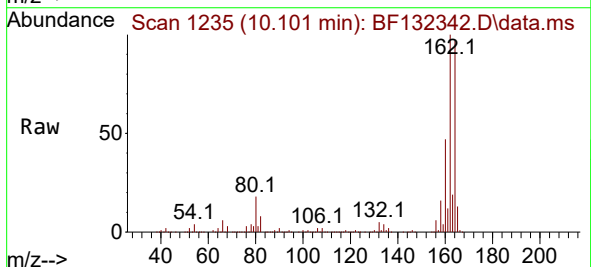
Instrument :
BNA_F
ClientSampleId :
PB150708BL

Tgt Ion: 82 Resp: 1175444
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF132342.D
Acq: 07 Feb 2023 13:47

Tgt Ion: 164 Resp: 478365
Ion Ratio Lower Upper
164 100
162 103.0 82.0 123.0
160 48.1 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 135.131 ng

RT: 10.895 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BF132342.D

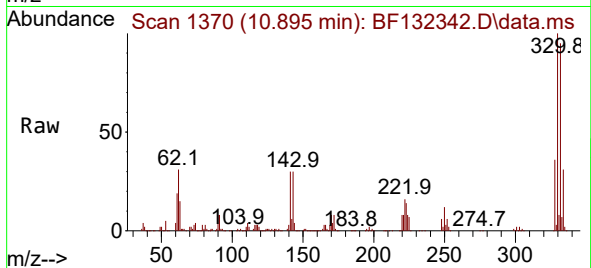
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Instrument :

BNA_F

ClientSampleId :

PB150708BL



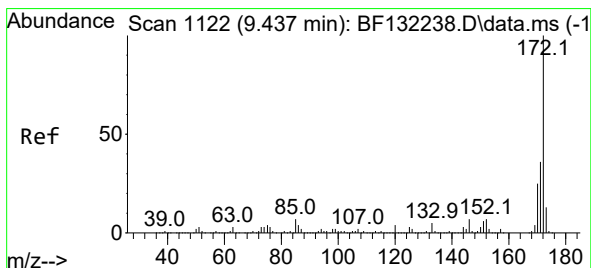
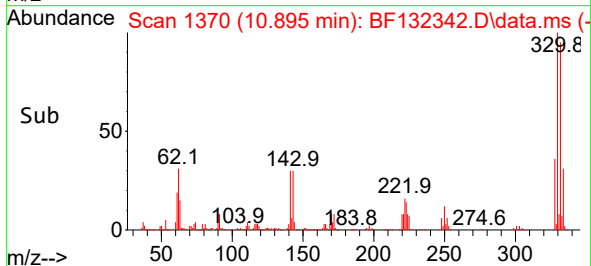
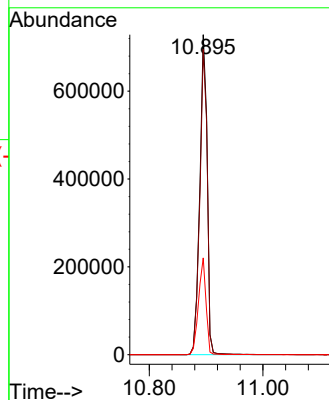
Tgt Ion:330 Resp: 664753

Ion Ratio Lower Upper

330 100

332 96.0 77.9 116.9

141 30.8 31.0 46.4#



#45

2-Fluorobiphenyl

Concen: 72.068 ng

RT: 9.419 min Scan# 1119

Delta R.T. -0.000 min

Lab File: BF132342.D

Acq: 07 Feb 2023 13:47

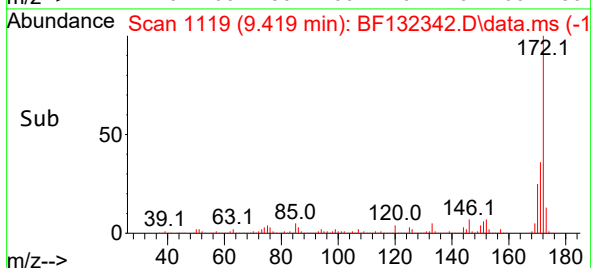
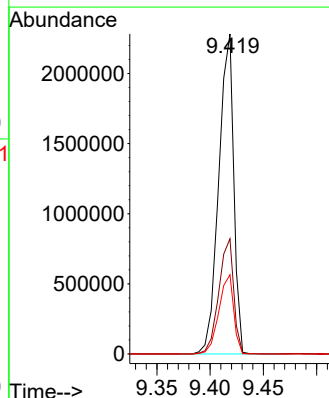
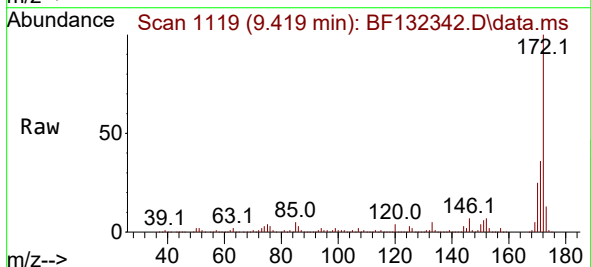
Tgt Ion:172 Resp: 2232476

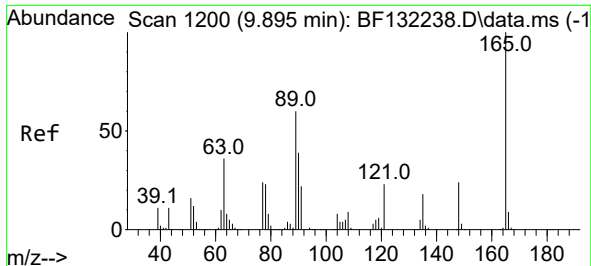
Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.8 19.7 29.5

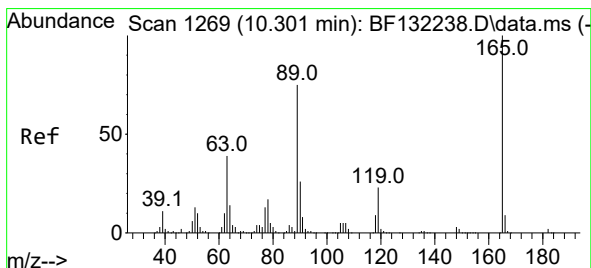
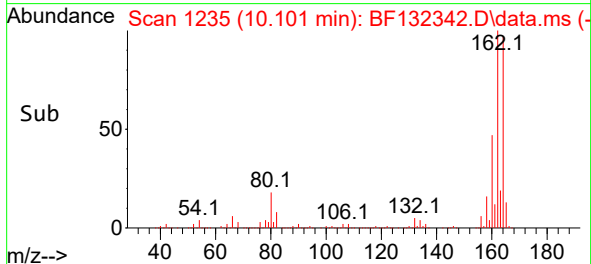
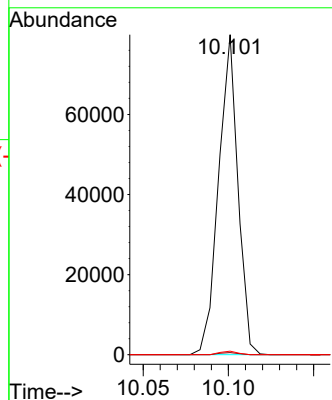
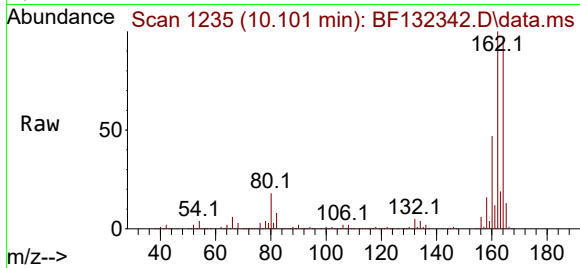




#51
2,6-Dinitrotoluene
Concen: 8.429 ng
RT: 10.101 min Scan# 1235
Delta R.T. 0.217 min
Lab File: BF132342.D
Acq: 07 Feb 2023 13:47

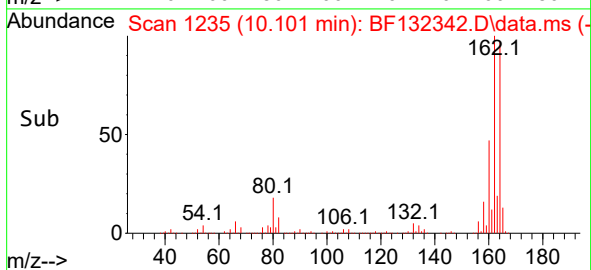
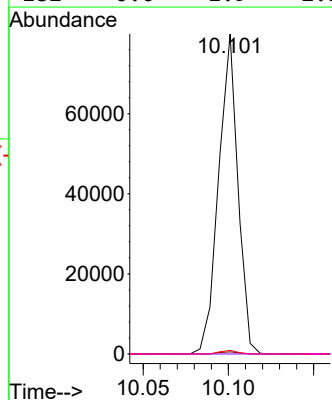
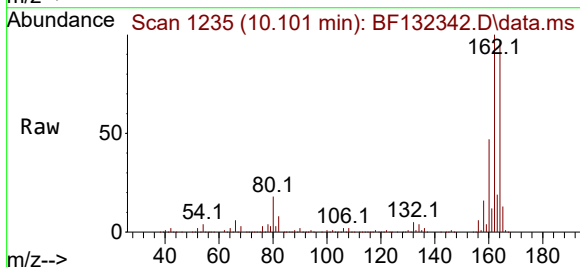
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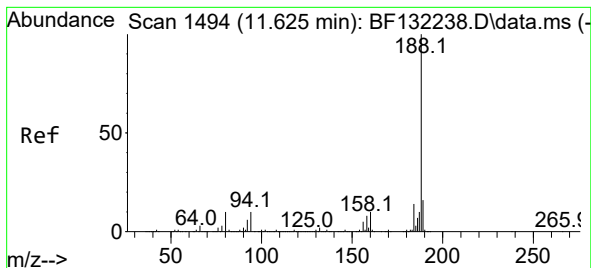
Tgt Ion:165 Resp: 62994
Ion Ratio Lower Upper
165 100
63 0.7 41.5 62.3#
89 1.1 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.489 ng
RT: 10.101 min Scan# 1235
Delta R.T. -0.183 min
Lab File: BF132342.D
Acq: 07 Feb 2023 13:47

Tgt Ion:165 Resp: 62994
Ion Ratio Lower Upper
165 100
63 0.7 30.9 46.3#
89 1.1 60.1 90.1#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.595 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF132342.D

Acq: 07 Feb 2023 13:47

Instrument :

BNA_F

ClientSampleId :

PB150708BL

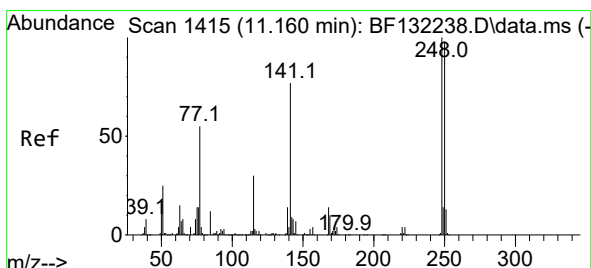
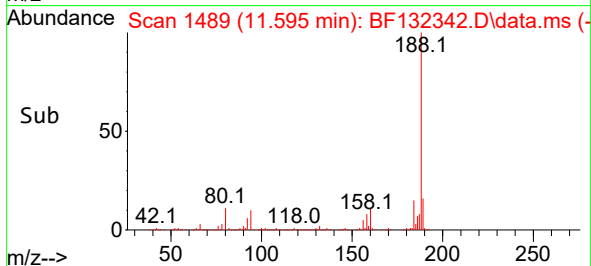
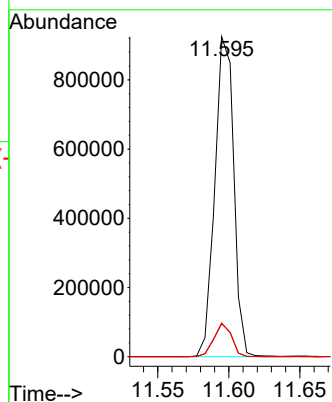
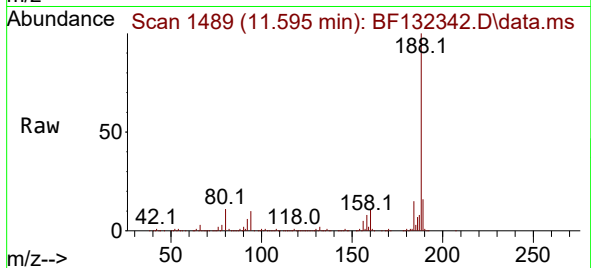
Tgt Ion:188 Resp: 856408

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

80 10.6 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.264 ng

RT: 10.895 min Scan# 1370

Delta R.T. -0.241 min

Lab File: BF132342.D

Acq: 07 Feb 2023 13:47

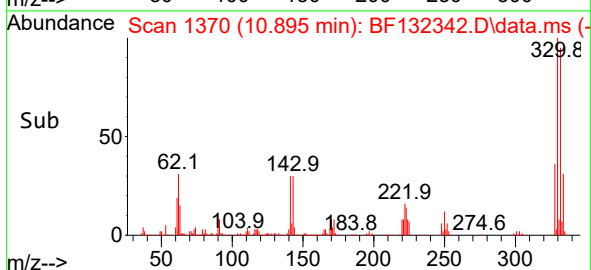
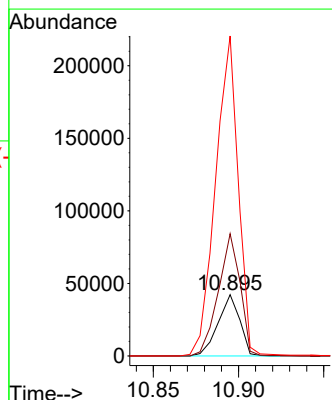
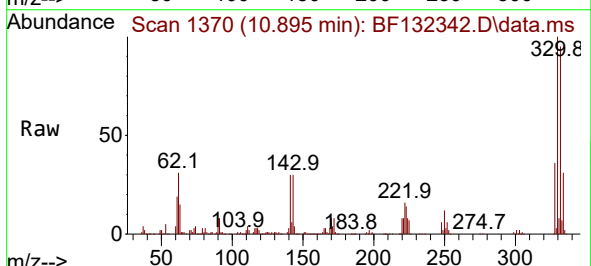
Tgt Ion:248 Resp: 37390

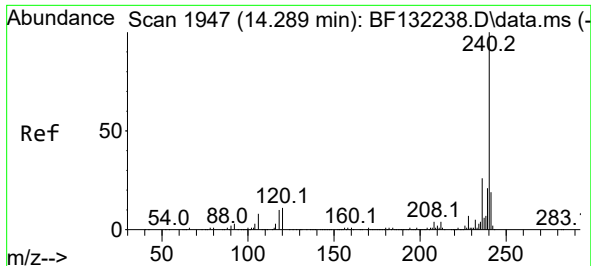
Ion Ratio Lower Upper

248 100

250 199.3 78.6 117.8#

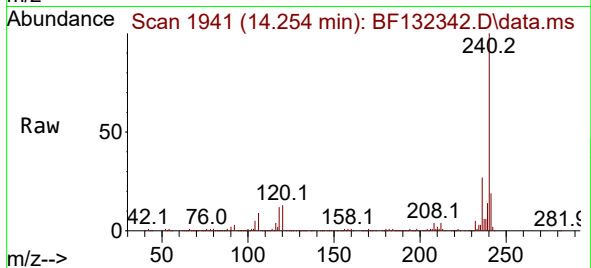
141 522.0 61.6 92.4#



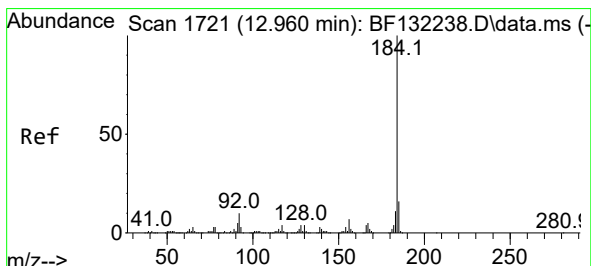
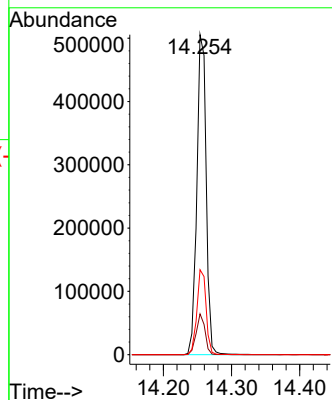
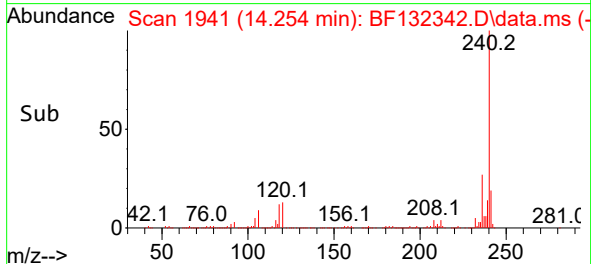


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.254 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BF132342.D
Acq: 07 Feb 2023 13:47

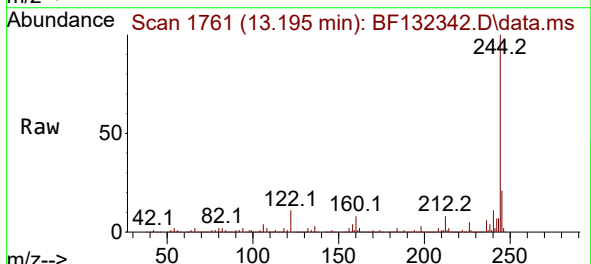
Instrument :
BNA_F
ClientSampleId :
PB150708BL



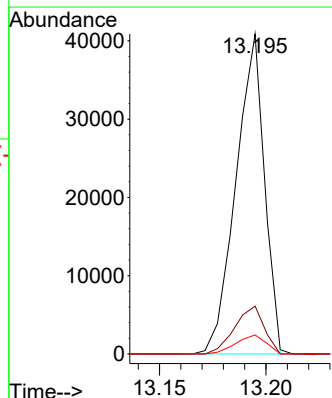
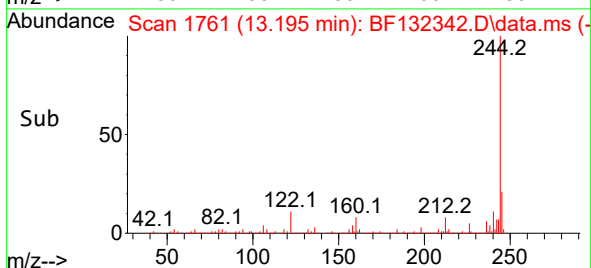
Tgt Ion:240 Resp: 481973
Ion Ratio Lower Upper
240 100
120 12.8 8.8 13.2
236 26.6 21.0 31.6

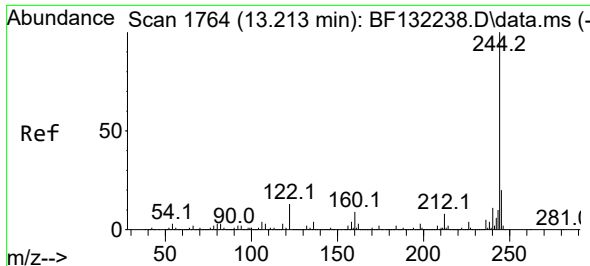


#77
Benzidine
Concen: 2.262 ng
RT: 13.195 min Scan# 1761
Delta R.T. 0.253 min
Lab File: BF132342.D
Acq: 07 Feb 2023 13:47



Tgt Ion:184 Resp: 38120
Ion Ratio Lower Upper
184 100
185 15.0 12.6 18.8
183 5.9 8.9 13.3#

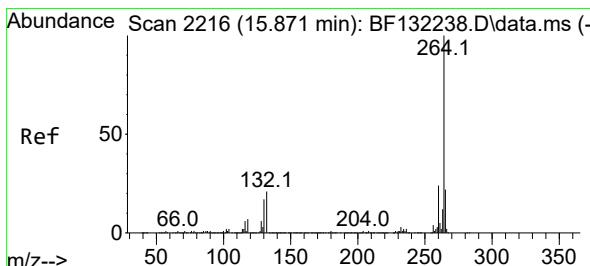
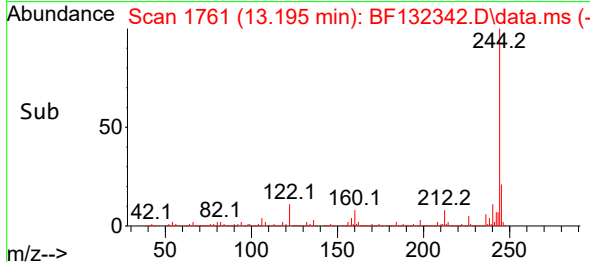
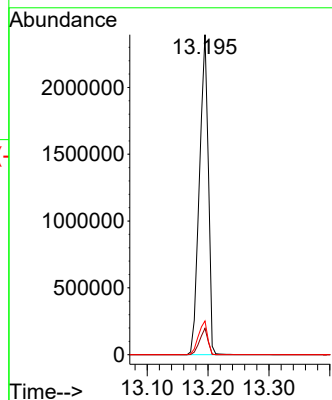
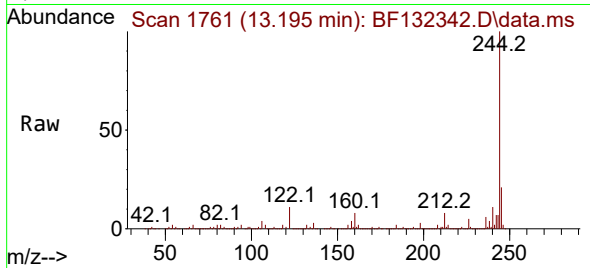




#79
 Terphenyl-d14
 Concen: 97.440 ng
 RT: 13.195 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132342.D
 Acq: 07 Feb 2023 13:47

Instrument :
 BNA_F
 ClientSampleId :
 PB150708BL

Tgt Ion:244 Resp: 2427797
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.4 9.6
 122 10.5 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.830 min Scan# 2209
 Delta R.T. -0.006 min
 Lab File: BF132342.D
 Acq: 07 Feb 2023 13:47

Tgt Ion:264 Resp: 390984
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 22.0 17.4 26.2

