

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021023\
 Data File : BF132398.D
 Acq On : 10 Feb 2023 20:58
 Operator : CG\JU
 Sample : 01510-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWM-TP14-020823

Quant Time: Feb 11 00:19:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 11 00:16:13 2023
 Response via : Initial Calibration

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

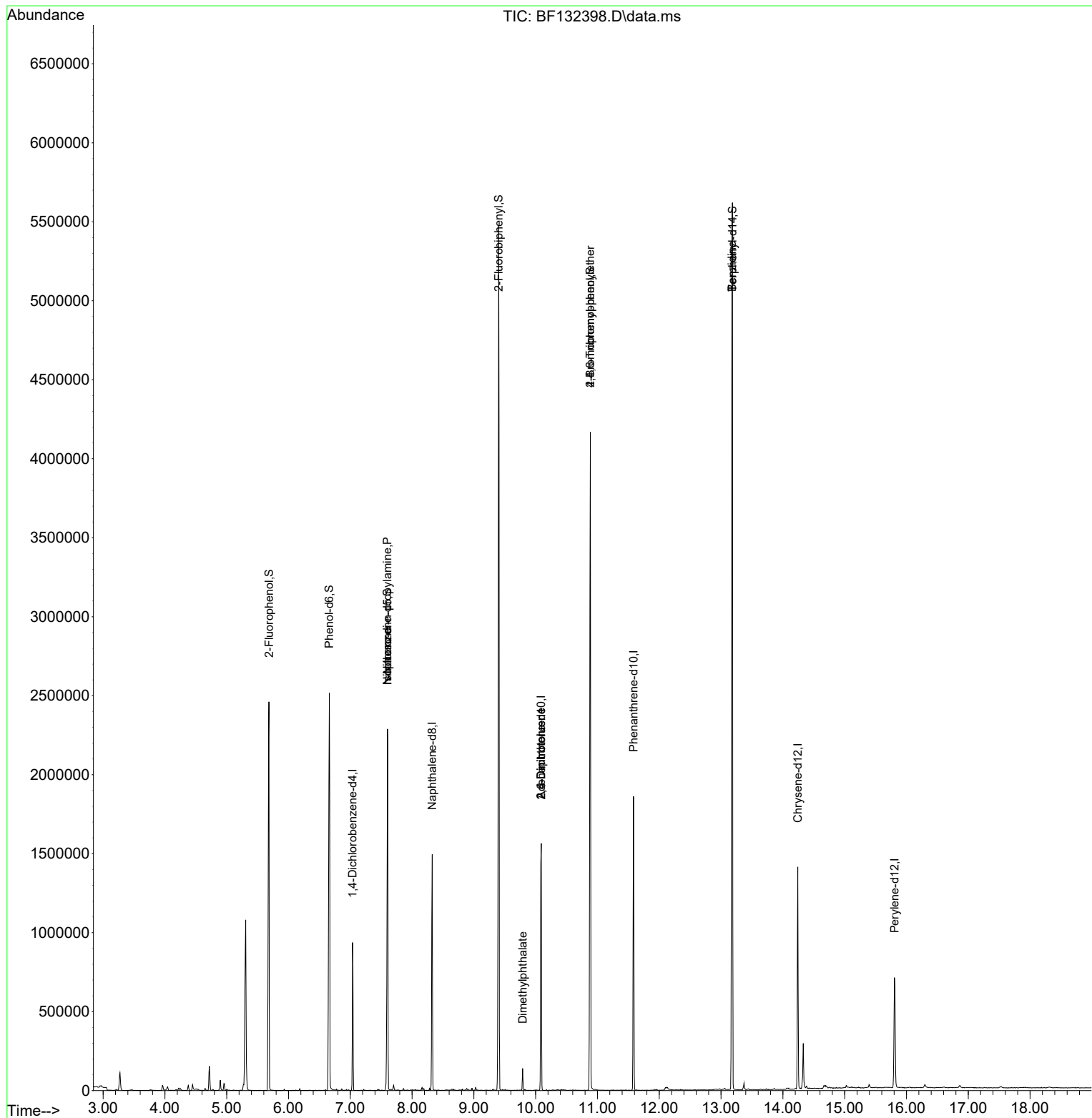
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.037	152	148486	20.000	ng	0.00
21) Naphthalene-d8	8.325	136	642653	20.000	ng	# 0.00
39) Acenaphthene-d10	10.089	164	330657	20.000	ng	0.00
64) Phenanthrene-d10	11.583	188	630025	20.000	ng	0.00
76) Chrysene-d12	14.242	240	439160	20.000	ng	0.00
86) Perylene-d12	15.807	264	320322	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	884426	95.741	ng	0.03
7) Phenol-d6	6.660	99	1213993	106.596	ng	0.00
23) Nitrobenzene-d5	7.601	82	914684	79.202	ng	0.00
42) 2,4,6-Tribromophenol	10.883	330	586311	172.427	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	1808743	84.473	ng	0.00
79) Terphenyl-d14	13.183	244	2279869	100.423	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.601	77	113	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.601	70	113648	17.568	ng	# 77
25) Isophorone	7.601	82	912334	41.622	ng	# 64
50) Dimethylphthalate	9.789	163	48203	2.084	ng	98
51) 2,6-Dinitrotoluene	10.089	165	43165	8.356	ng	# 24
57) 2,4-Dinitrotoluene	10.089	165	43165	6.433	ng	# 23
67) 4-Bromophenyl-phenylether	10.883	248	33431	5.182	ng	# 1
77) Benzidine	13.177	184	35815	2.333	ng	# 93

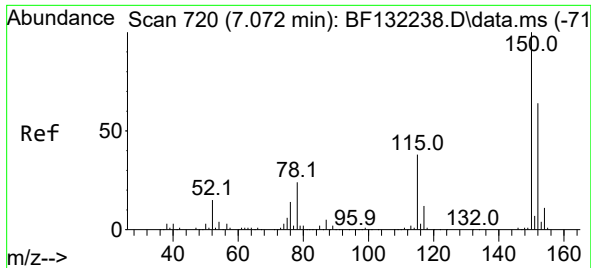
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021023\
Data File : BF132398.D
Acq On : 10 Feb 2023 20:58
Operator : CG\JU
Sample : 01510-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TWM-TP14-020823

Quant Time: Feb 11 00:19:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 11 00:16:13 2023
Response via : Initial Calibration

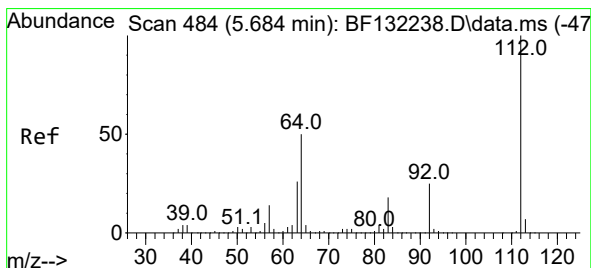
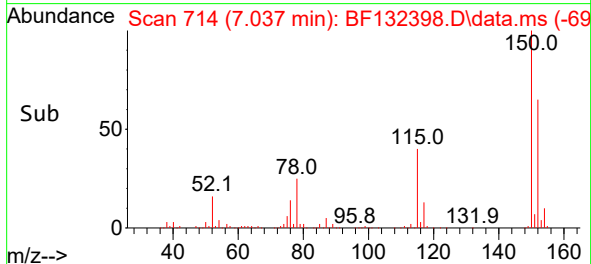
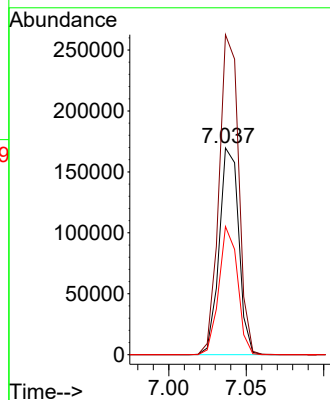
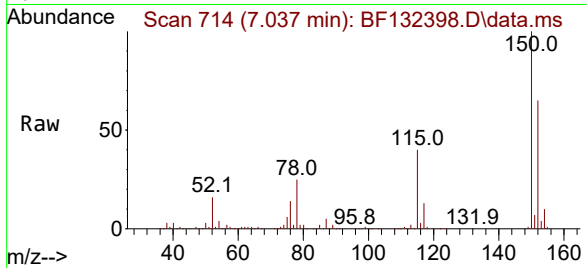




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.037 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132398.D
 Acq: 10 Feb 2023 20:58

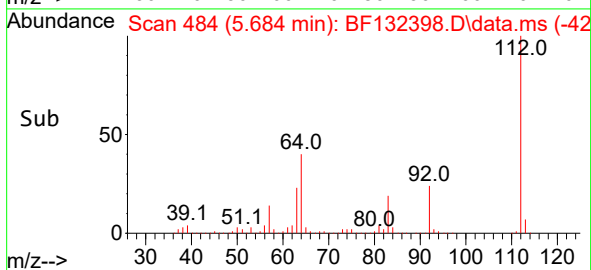
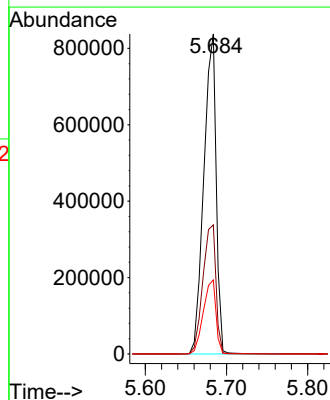
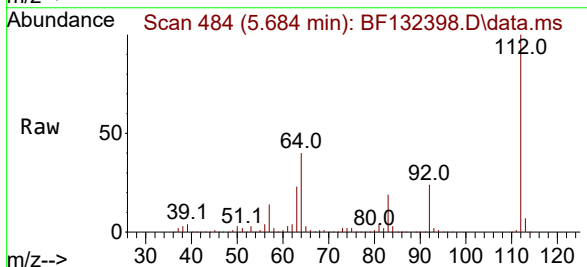
Instrument :
 BNA_F
 ClientSampleId :
 TWMM-TP14-020823

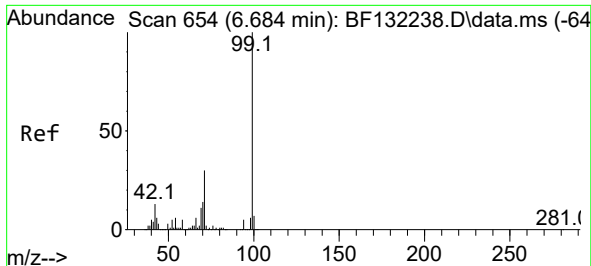
Tgt Ion:152 Resp: 148486
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.2 186.2
 115 62.0 47.3 70.9



#5
 2-Fluorophenol
 Concen: 95.741 ng
 RT: 5.684 min Scan# 484
 Delta R.T. 0.029 min
 Lab File: BF132398.D
 Acq: 10 Feb 2023 20:58

Tgt Ion:112 Resp: 884426
 Ion Ratio Lower Upper
 112 100
 64 40.4 40.0 60.0
 63 23.2 20.5 30.7

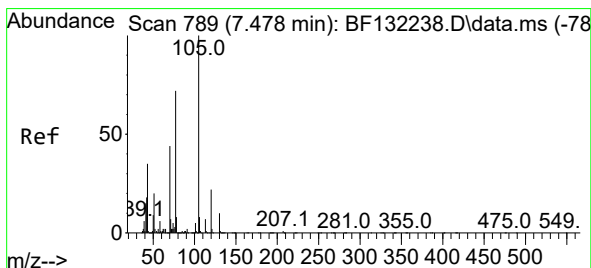
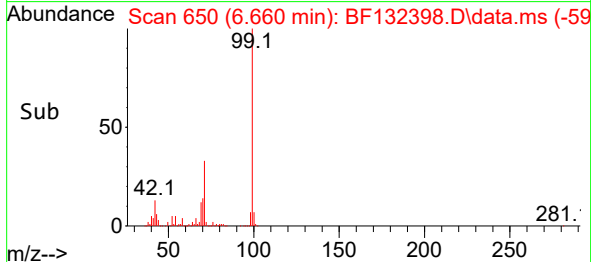
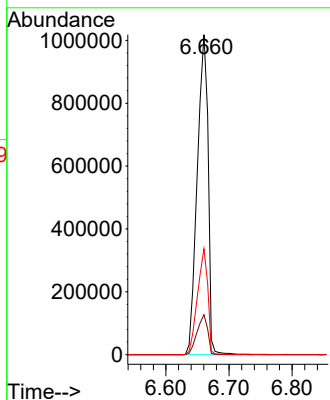
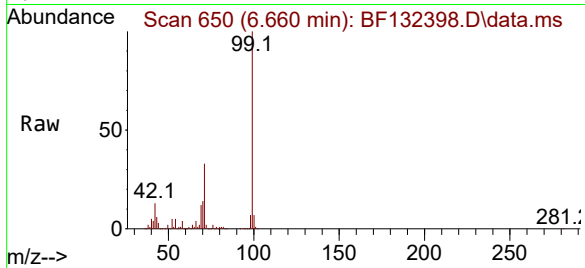




#7
Phenol-d6
Concen: 106.596 ng
RT: 6.660 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132398.D
Acq: 10 Feb 2023 20:58

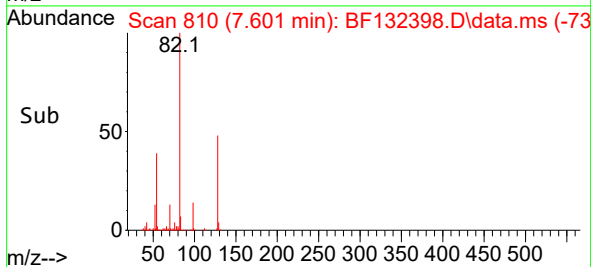
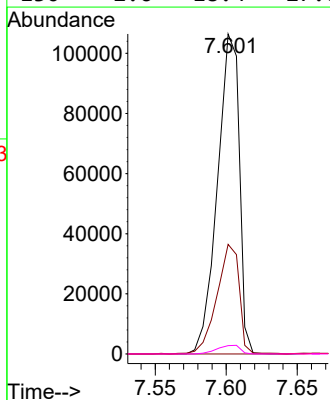
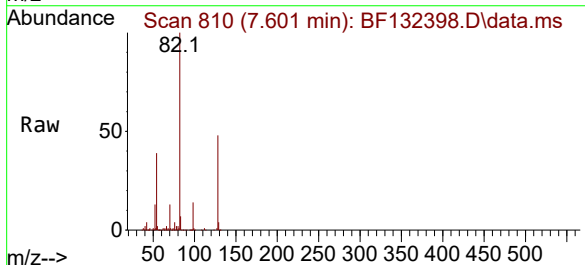
Instrument :
BNA_F
ClientSampleId :
TWM-TP14-020823

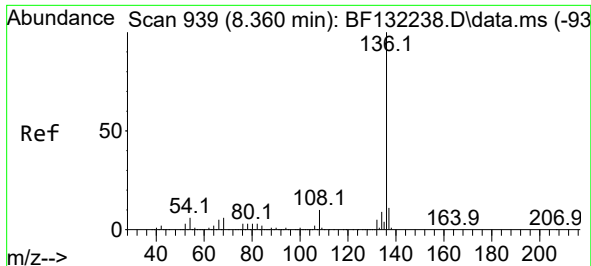
Tgt Ion: 99 Resp: 1213993
Ion Ratio Lower Upper
99 100
42 12.5 10.1 15.1
71 33.1 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.568 ng
RT: 7.601 min Scan# 810
Delta R.T. 0.153 min
Lab File: BF132398.D
Acq: 10 Feb 2023 20:58

Tgt Ion: 70 Resp: 113648
Ion Ratio Lower Upper
70 100
42 34.3 33.4 50.0
101 0.0 8.2 12.4#
130 2.6 18.4 27.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.325 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF132398.D

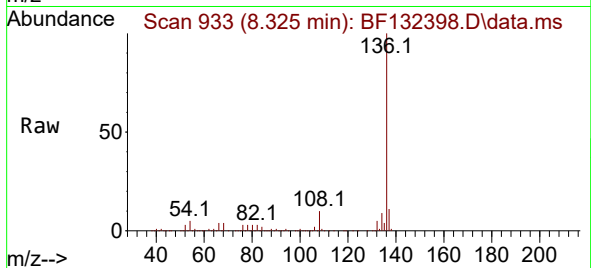
Acq: 10 Feb 2023 20:58

Instrument :

BNA_F

ClientSampleId :

TWM-TP14-020823



Tgt Ion:136 Resp: 642653

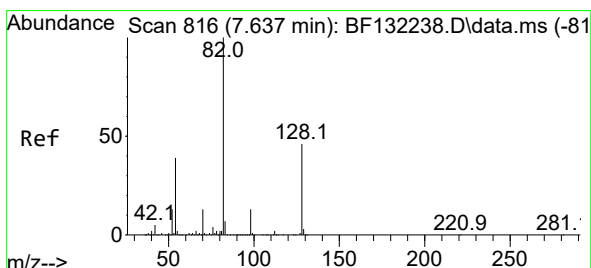
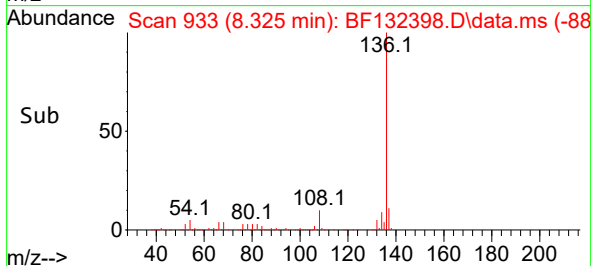
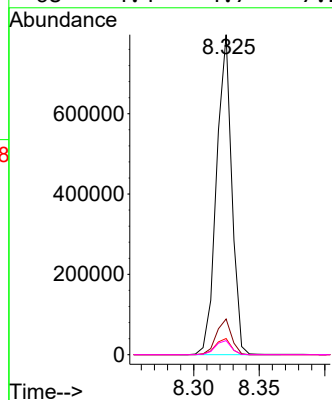
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 5.1 4.9 7.3

68 4.4 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 79.202 ng

RT: 7.601 min Scan# 810

Delta R.T. -0.006 min

Lab File: BF132398.D

Acq: 10 Feb 2023 20:58

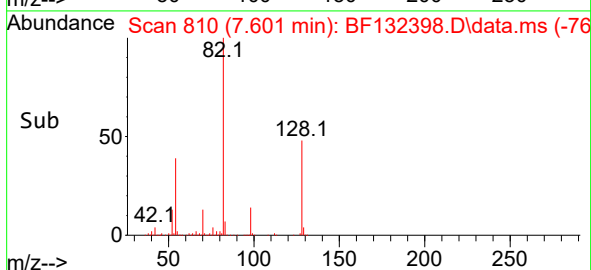
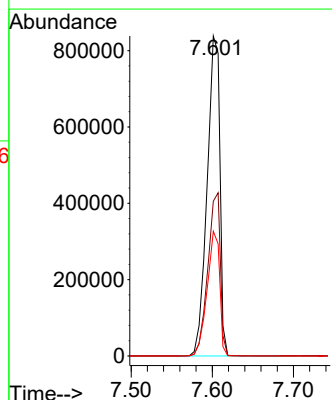
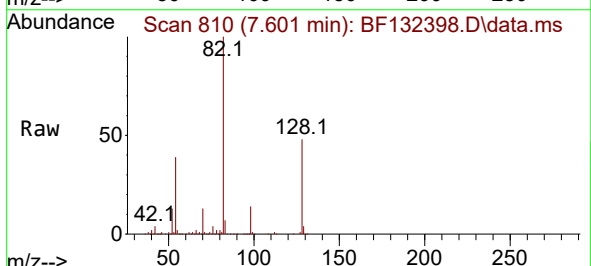
Tgt Ion: 82 Resp: 914684

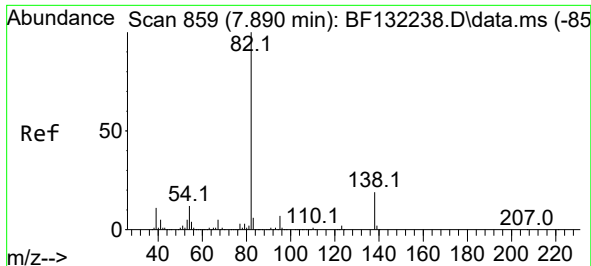
Ion Ratio Lower Upper

82 100

128 48.4 37.0 55.4

54 39.0 31.5 47.3

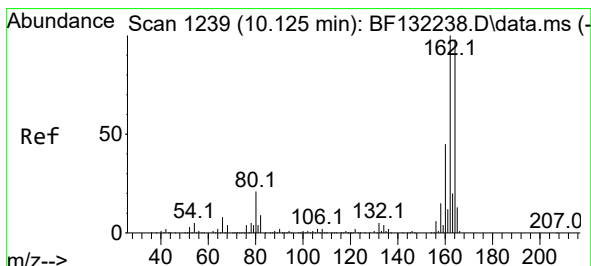
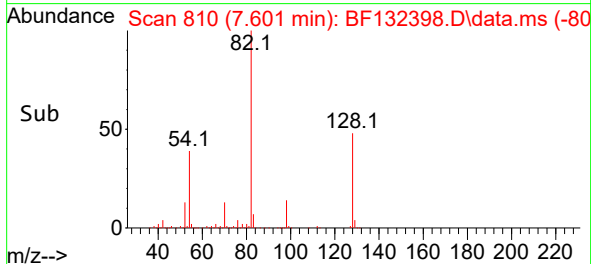
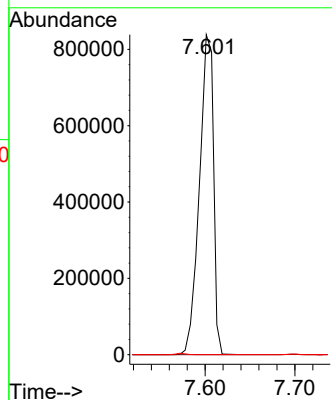
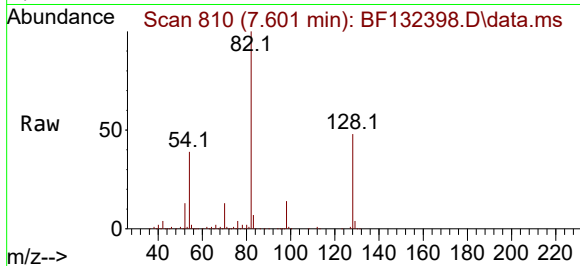




#25
Isophorone
Concen: 41.622 ng
RT: 7.601 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132398.D
Acq: 10 Feb 2023 20:58

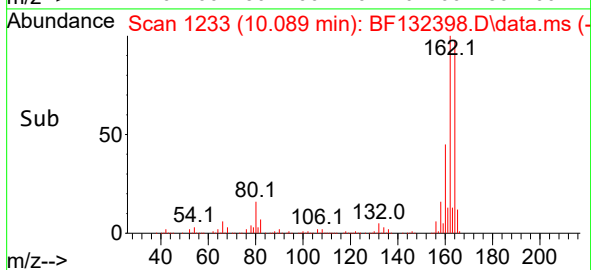
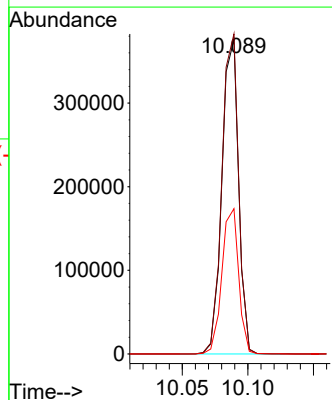
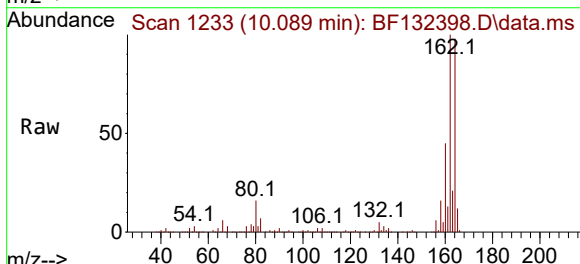
Instrument :
BNA_F
ClientSampleId :
TWM-TP14-020823

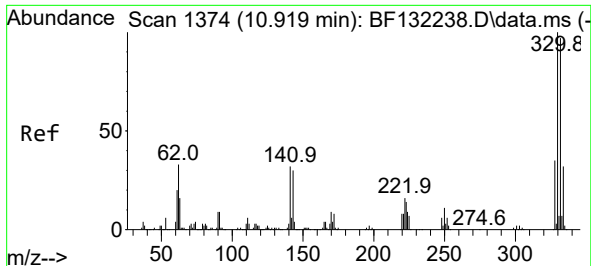
Tgt Ion: 82 Resp: 912334
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.089 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF132398.D
Acq: 10 Feb 2023 20:58

Tgt Ion:164 Resp: 330657
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 46.2 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 172.427 ng

RT: 10.883 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BF132398.D

Acq: 10 Feb 2023 20:58

Instrument :

BNA_F

ClientSampleId :

TWM-TP14-020823

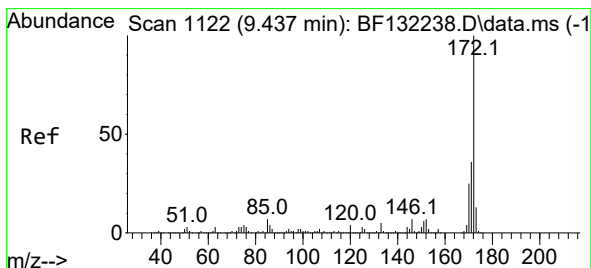
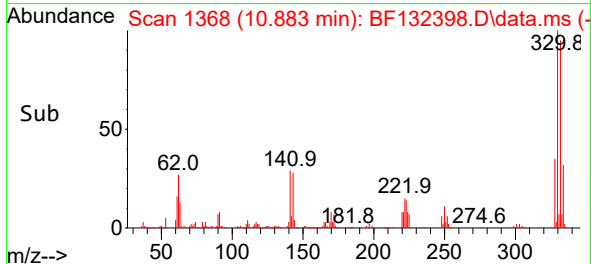
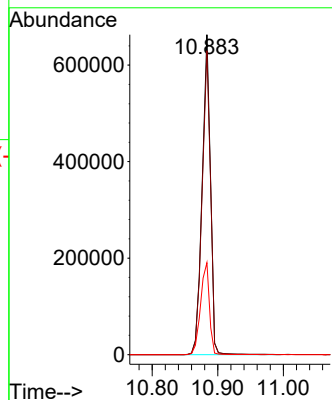
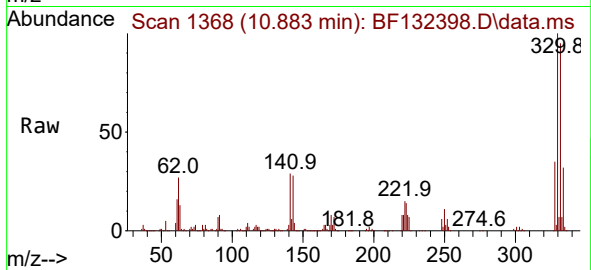
Tgt Ion:330 Resp: 586311

Ion Ratio Lower Upper

330 100

332 96.3 77.9 116.9

141 30.7 31.0 46.4#



#45

2-Fluorobiphenyl

Concen: 84.473 ng

RT: 9.401 min Scan# 1116

Delta R.T. -0.006 min

Lab File: BF132398.D

Acq: 10 Feb 2023 20:58

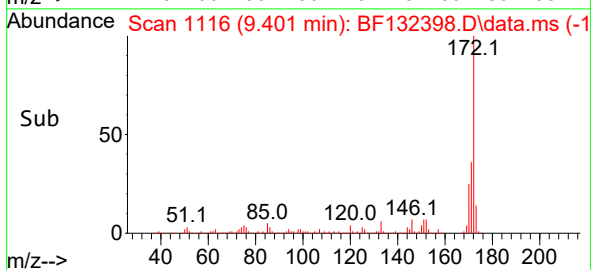
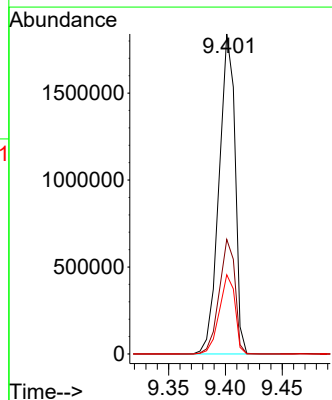
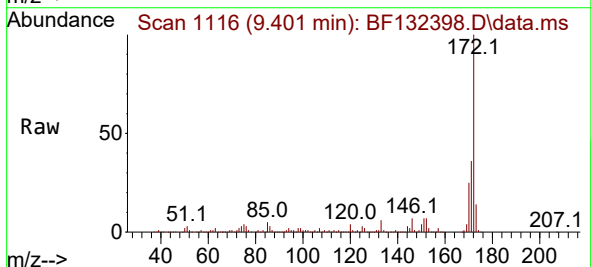
Tgt Ion:172 Resp: 1808743

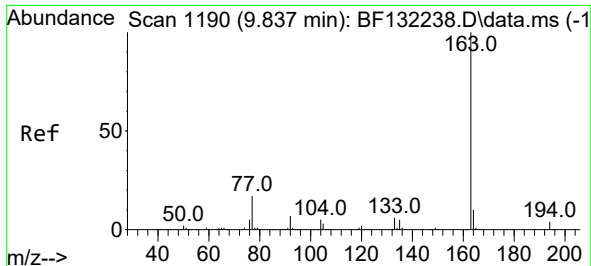
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.8 19.7 29.5

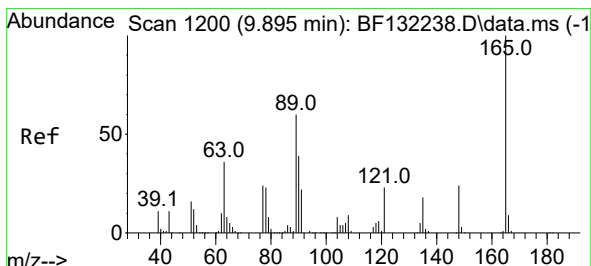
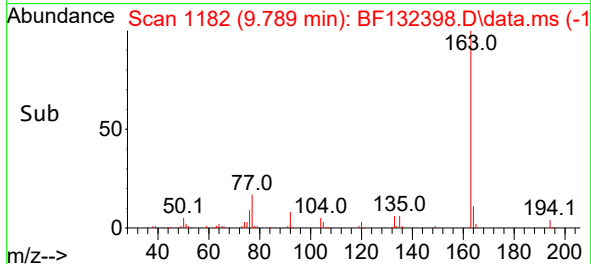
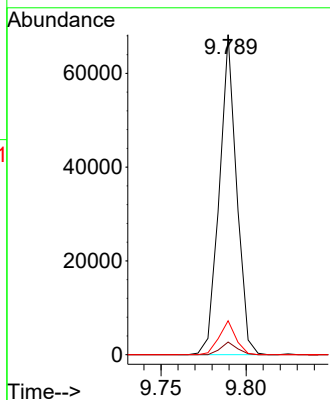
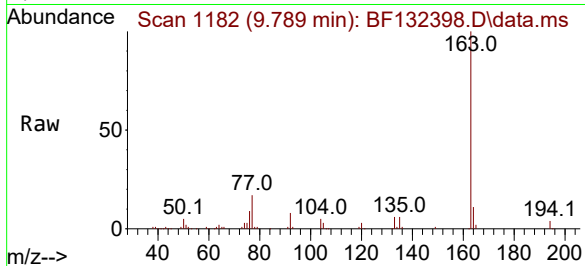




#50
Dimethylphthalate
Concen: 2.084 ng
RT: 9.789 min Scan# 1190
Delta R.T. -0.018 min
Lab File: BF132398.D
Acq: 10 Feb 2023 20:58

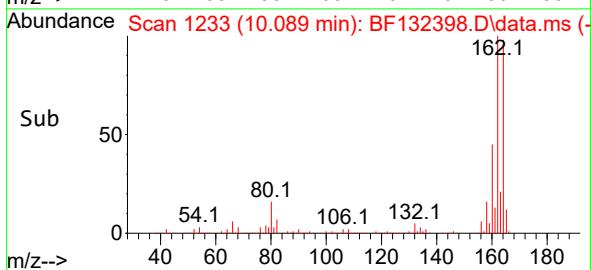
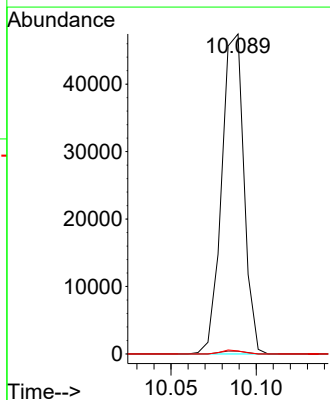
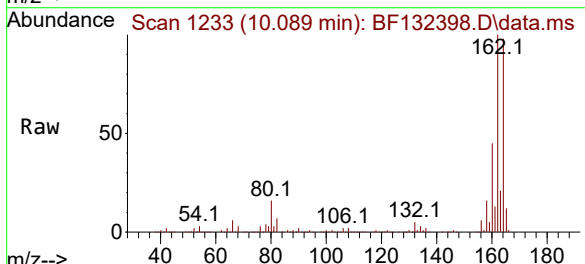
Instrument :
BNA_F
ClientSampleId :
TWM-TP14-020823

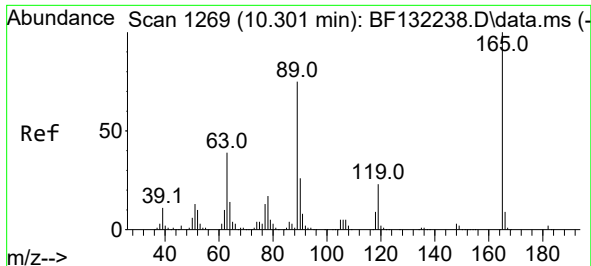
Tgt Ion:163 Resp: 48203
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.6 7.9 11.9



#51
2,6-Dinitrotoluene
Concen: 8.356 ng
RT: 10.089 min Scan# 1233
Delta R.T. 0.218 min
Lab File: BF132398.D
Acq: 10 Feb 2023 20:58

Tgt Ion:165 Resp: 43165
Ion Ratio Lower Upper
165 100
63 0.8 41.5 62.3#
89 0.9 48.1 72.1#

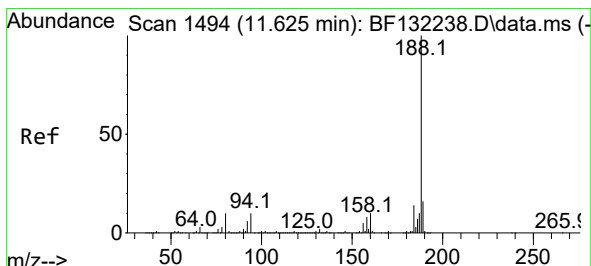
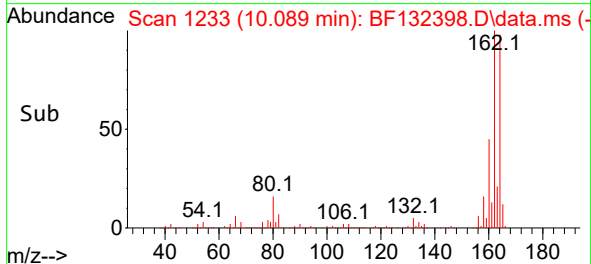
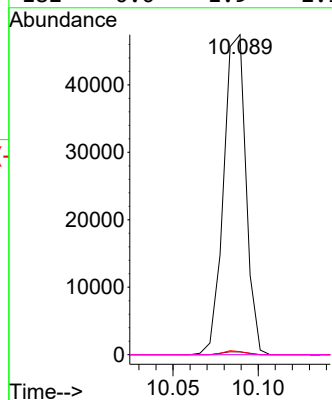
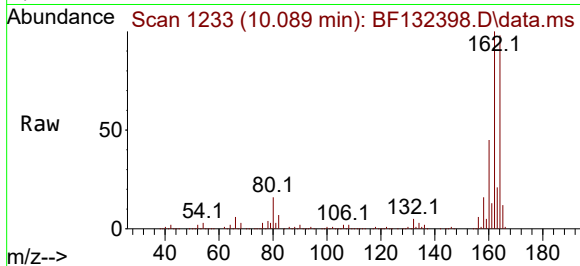




#57
2,4-Dinitrotoluene
Concen: 6.433 ng
RT: 10.089 min Scan# 1487
Delta R.T. -0.182 min
Lab File: BF132398.D
Acq: 10 Feb 2023 20:58

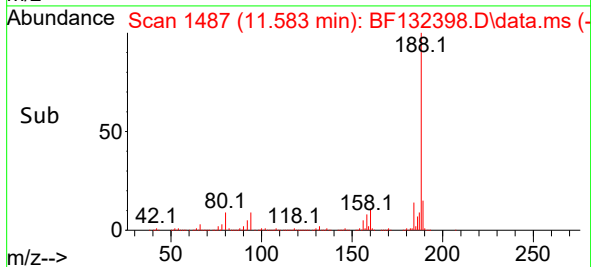
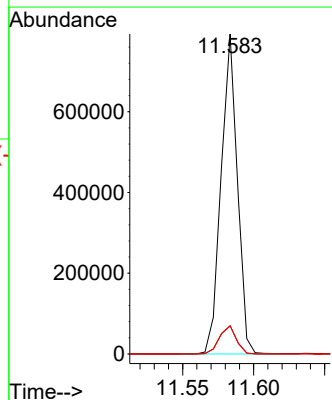
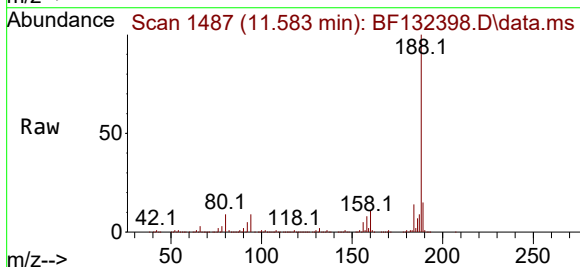
Instrument :
BNA_F
ClientSampleId :
TWM-TP14-020823

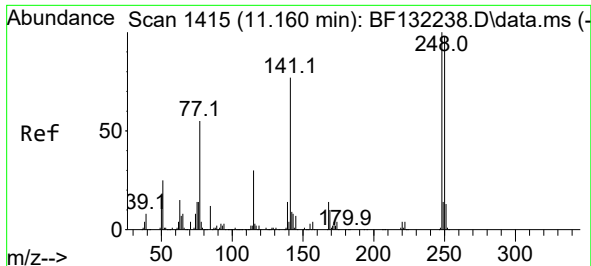
Tgt Ion:165 Resp: 43165
Ion Ratio Lower Upper
165 100
63 0.8 30.9 46.3#
89 0.9 60.1 90.1#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.583 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF132398.D
Acq: 10 Feb 2023 20:58

Tgt Ion:188 Resp: 630025
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 8.8 8.3 12.5

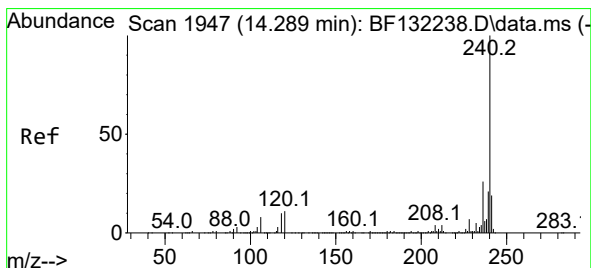
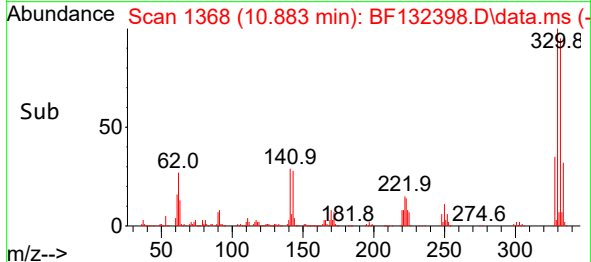
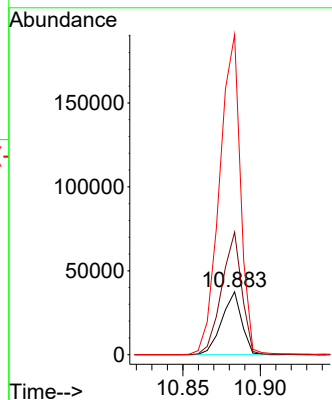
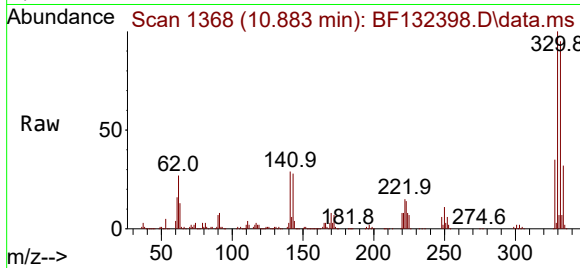




#67
4-Bromophenyl-phenylether
Concen: 5.182 ng
RT: 10.883 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132398.D
Acq: 10 Feb 2023 20:58

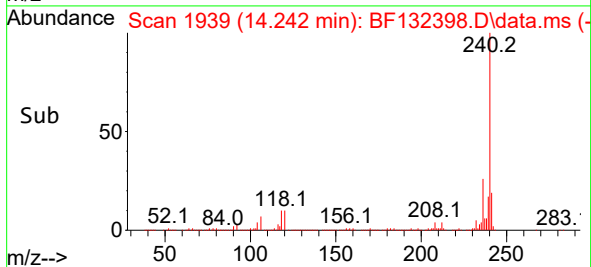
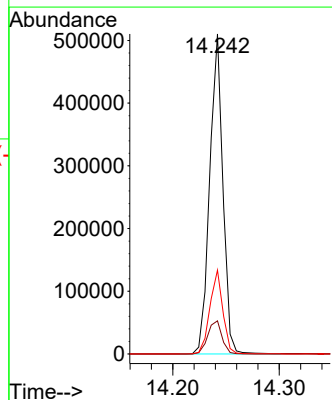
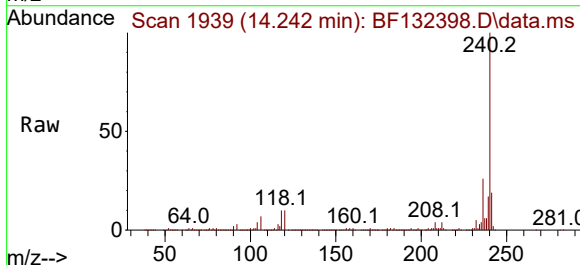
Instrument :
BNA_F
ClientSampleId :
TWM-TP14-020823

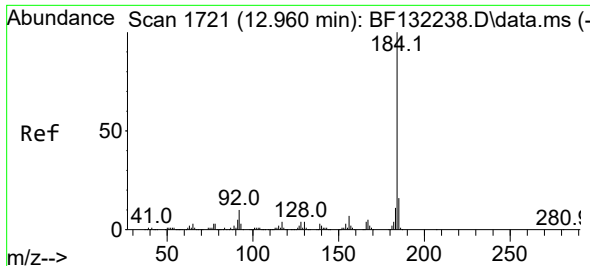
Tgt Ion:248 Resp: 33431
Ion Ratio Lower Upper
248 100
250 195.0 78.6 117.8#
141 509.1 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.242 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BF132398.D
Acq: 10 Feb 2023 20:58

Tgt Ion:240 Resp: 439160
Ion Ratio Lower Upper
240 100
120 10.3 8.8 13.2
236 26.2 21.0 31.6

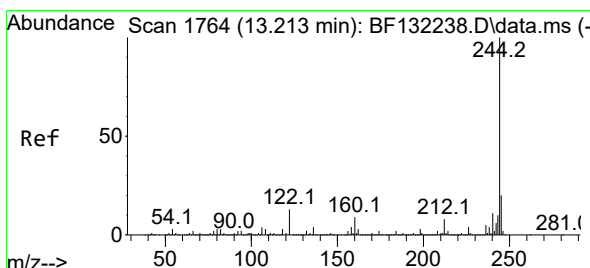
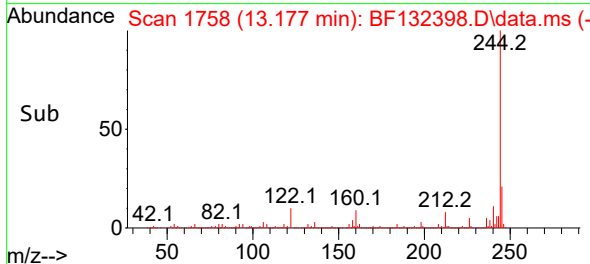
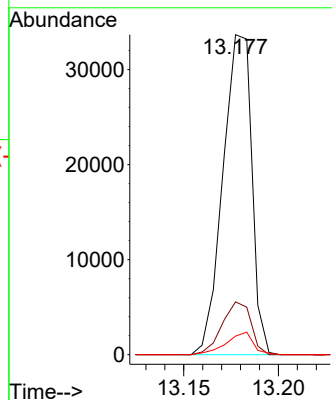
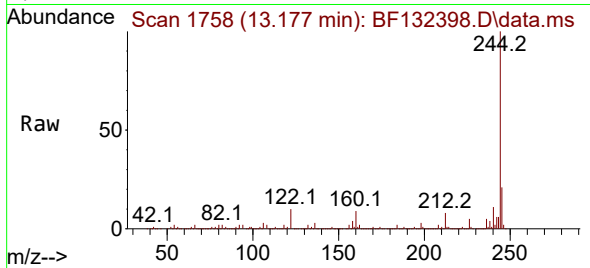




#77
Benzidine
Concen: 2.333 ng
RT: 13.177 min Scan# 1758
Delta R.T. 0.247 min
Lab File: BF132398.D
Acq: 10 Feb 2023 20:58

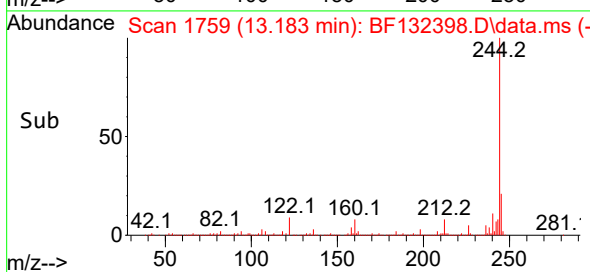
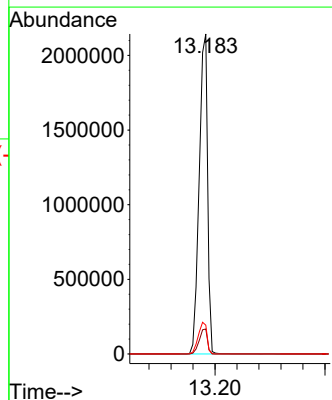
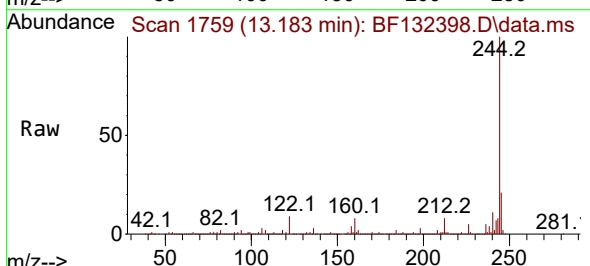
Instrument :
BNA_F
ClientSampleId :
TWM-TP14-020823

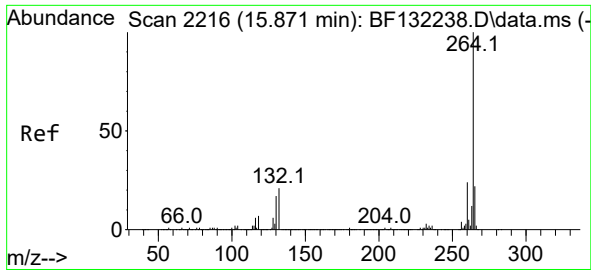
Tgt Ion:184 Resp: 35815
Ion Ratio Lower Upper
184 100
185 16.5 12.6 18.8
183 5.8 8.9 13.3#



#79
Terphenyl-d14
Concen: 100.423 ng
RT: 13.183 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BF132398.D
Acq: 10 Feb 2023 20:58

Tgt Ion:244 Resp: 2279869
Ion Ratio Lower Upper
244 100
212 7.8 6.4 9.6
122 9.0 10.5 15.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.807 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF132398.D
Acq: 10 Feb 2023 20:58

Instrument :
BNA_F
ClientSampleId :
TWM-TP14-020823

Tgt Ion:264 Resp: 320322
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.4
265 21.1 17.4 26.2

