

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
 Data File : BF133323.D
 Acq On : 09 May 2023 18:15
 Operator : CG\JU
 Sample : 02505-05 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WO-5

Quant Time: May 10 01:49:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

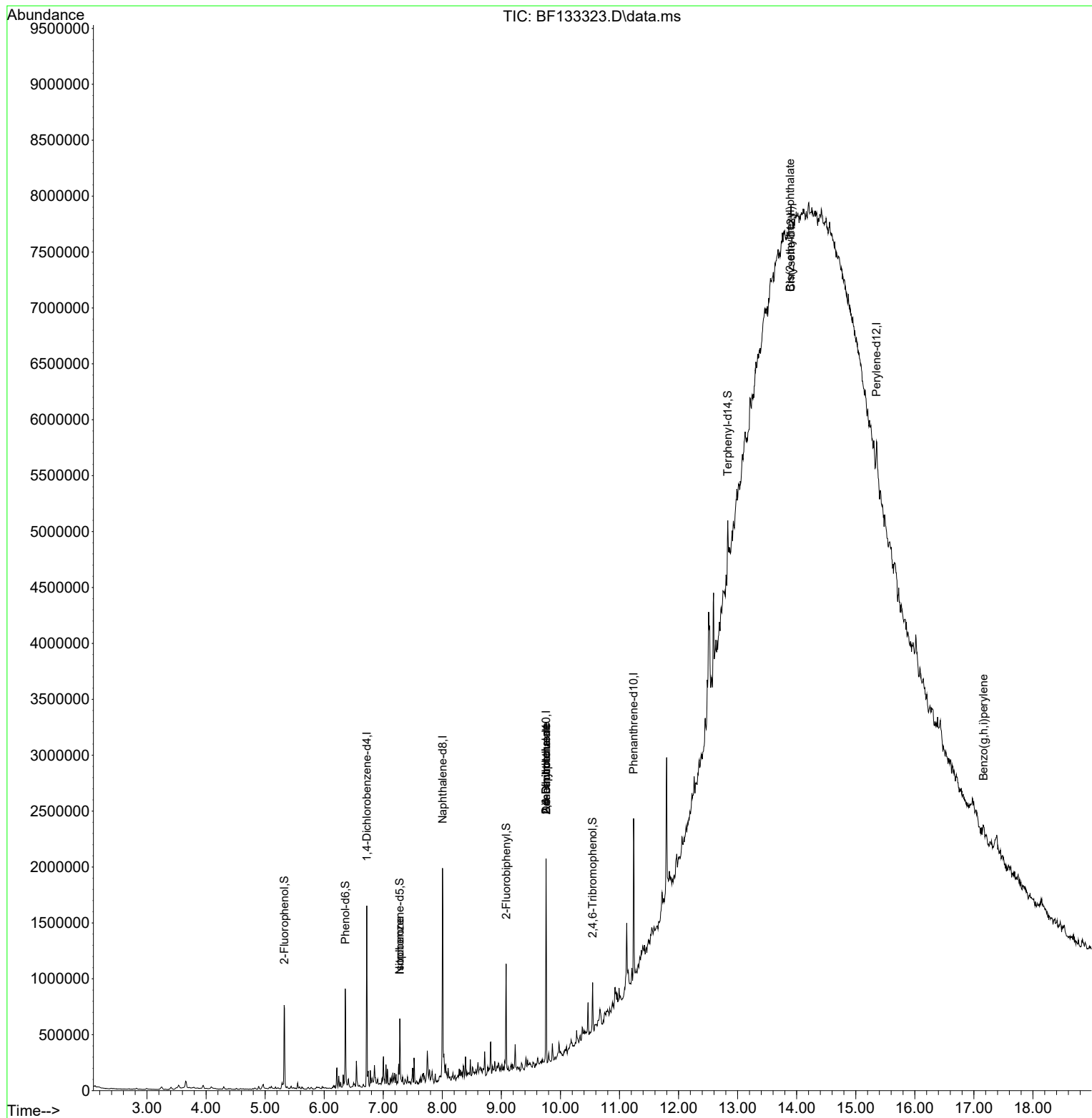
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	202754	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	750799	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	323955	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	521705	20.000	ng	0.00
76) Chrysene-d12	13.904	240	201354	20.000	ng	0.02
86) Perylene-d12	15.351	264	214785	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	218101	16.250	ng	0.00
7) Phenol-d6	6.357	99	262139	15.735	ng	-0.01
23) Nitrobenzene-d5	7.281	82	148492	10.675	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	42055	12.908	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	257331	13.289	ng	0.00
79) Terphenyl-d14	12.833	244	199804	17.114	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.275	77	2969	Below Cal	#	1
25) Isophorone	7.281	82	147057	5.568	ng	# 63
50) Dimethylphthalate	9.757	163	64743	2.866	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	43028	8.463	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	43028	6.636	ng	# 24
84) Bis(2-ethylhexyl)phtha...	13.892	149	40468	5.275	ng	# 85
92) Benzo(g,h,i)perylene	17.162	276	36448	3.623	ng	# 67

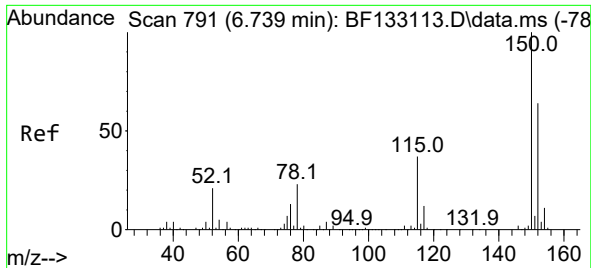
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133323.D
Acq On : 09 May 2023 18:15
Operator : CG\JU
Sample : 02505-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WO-5

Quant Time: May 10 01:49:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 04:59:36 2023
Response via : Initial Calibration

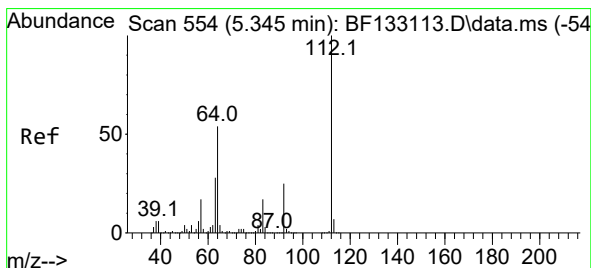
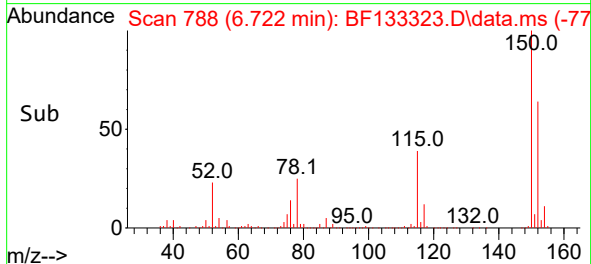
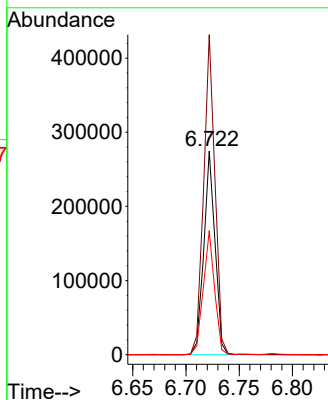
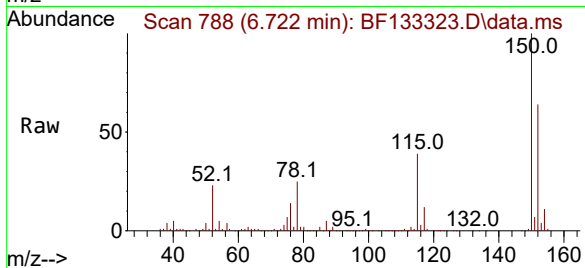




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133323.D
 Acq: 09 May 2023 18:15

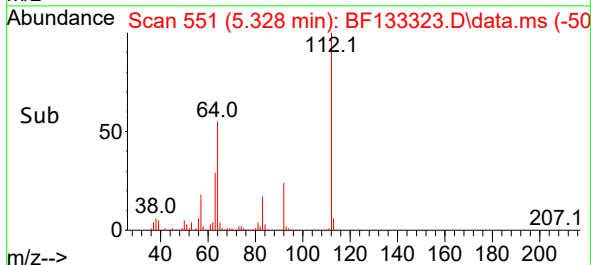
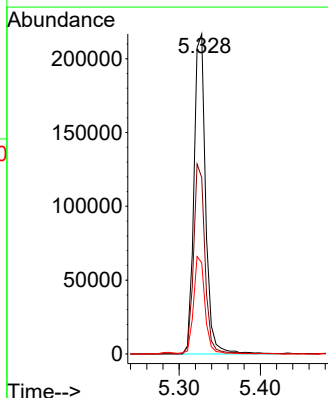
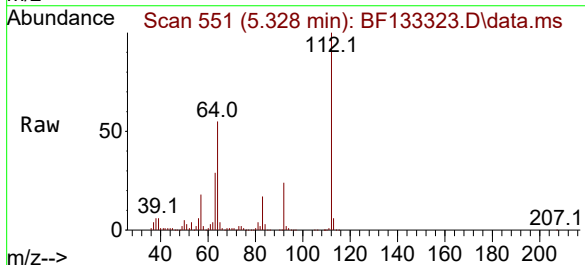
Instrument :
 BNA_F
 ClientSampleId :
 WO-5

Tgt Ion:152 Resp: 202754
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.8 187.2
 115 60.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 16.250 ng
 RT: 5.328 min Scan# 551
 Delta R.T. 0.000 min
 Lab File: BF133323.D
 Acq: 09 May 2023 18:15

Tgt Ion:112 Resp: 218101
 Ion Ratio Lower Upper
 112 100
 64 55.2 46.8 70.2
 63 28.5 23.8 35.8

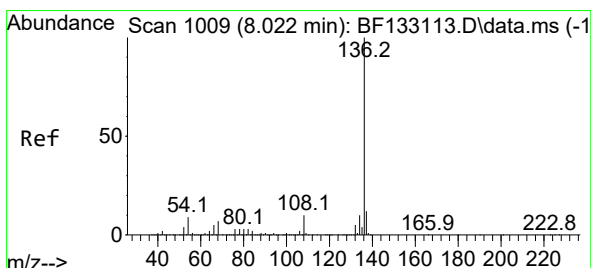
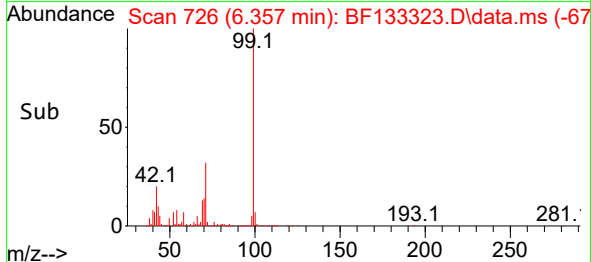
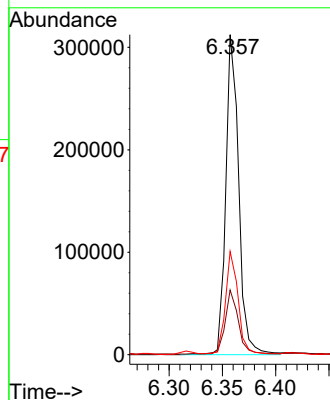
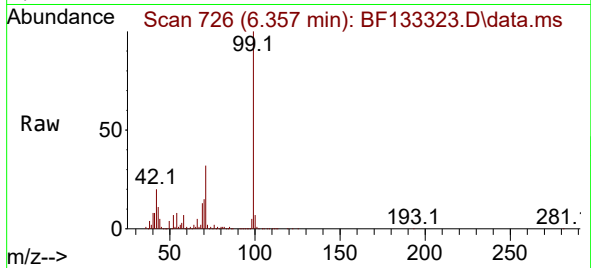




#7
Phenol-d6
Concen: 15.735 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133323.D
Acq: 09 May 2023 18:15

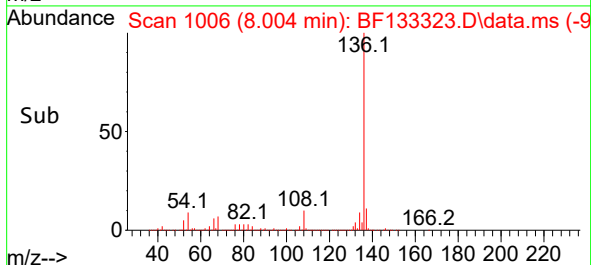
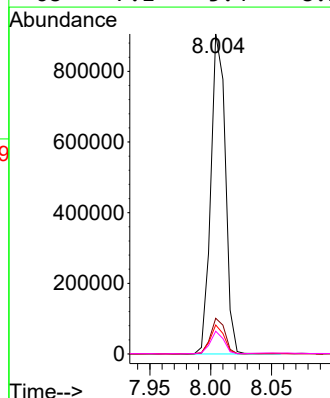
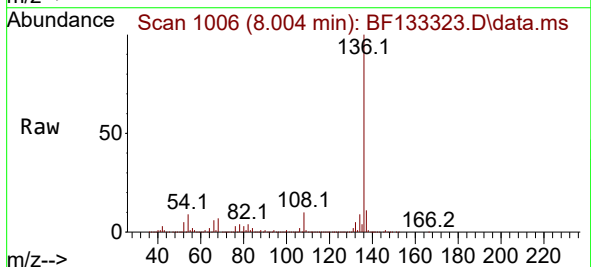
Instrument :
BNA_F
ClientSampleId :
WO-5

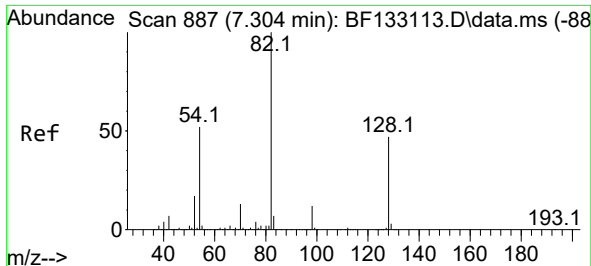
Tgt Ion: 99 Resp: 262139
Ion Ratio Lower Upper
99 100
42 20.2 16.3 24.5
71 32.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133323.D
Acq: 09 May 2023 18:15

Tgt Ion: 136 Resp: 750799
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.1 7.0 10.4
68 7.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 10.675 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.012 min

Lab File: BF133323.D

Acq: 09 May 2023 18:15

Instrument :

BNA_F

ClientSampleId :

WO-5

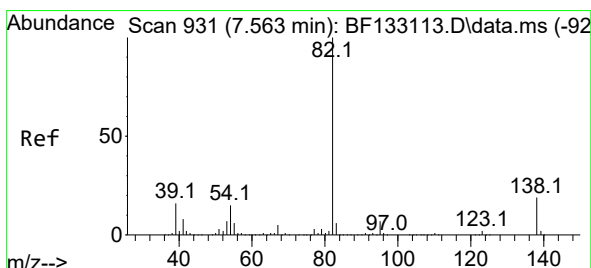
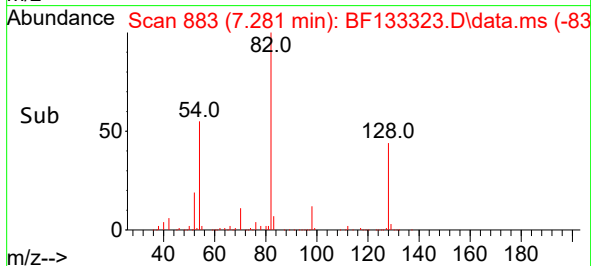
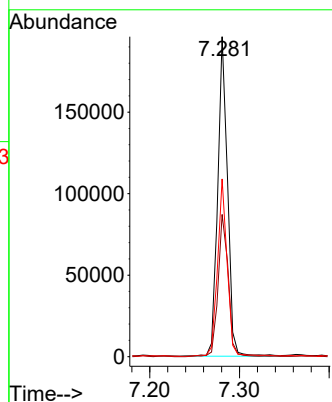
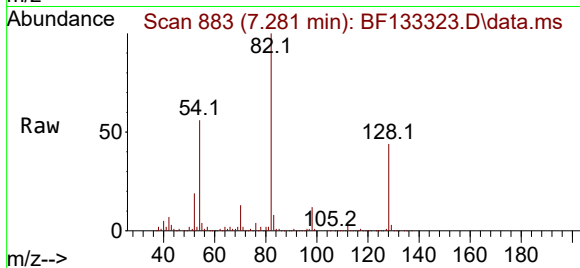
Tgt Ion: 82 Resp: 148492

Ion Ratio Lower Upper

82 100

128 44.4 37.7 56.5

54 55.5 43.0 64.4



#25

Isophorone

Concen: 5.568 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.270 min

Lab File: BF133323.D

Acq: 09 May 2023 18:15

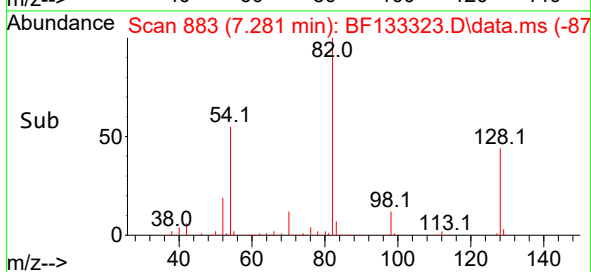
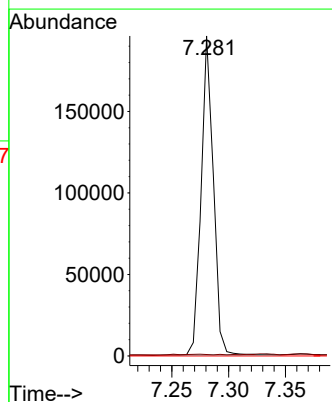
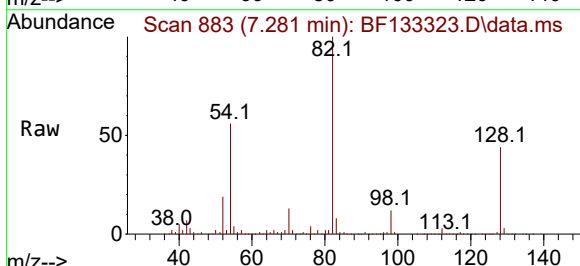
Tgt Ion: 82 Resp: 147057

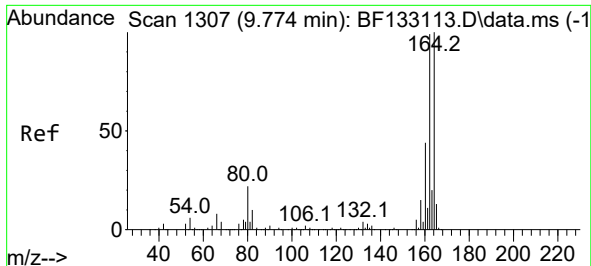
Ion Ratio Lower Upper

82 100

95 0.4 5.4 8.0#

138 0.0 16.0 24.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133323.D

Acq: 09 May 2023 18:15

Instrument :

BNA_F

ClientSampleId :

WO-5

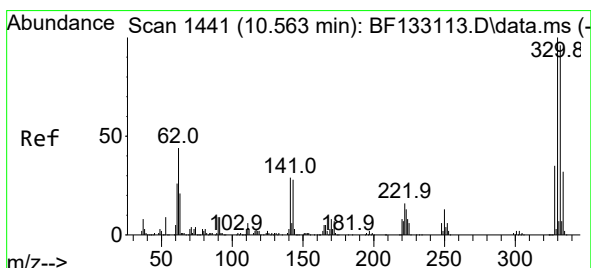
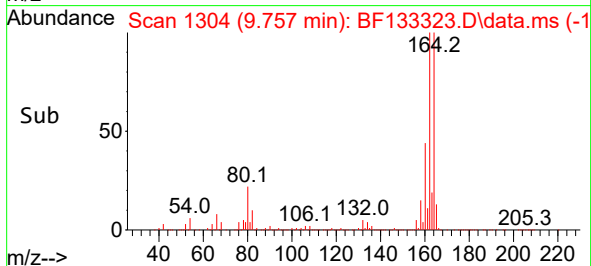
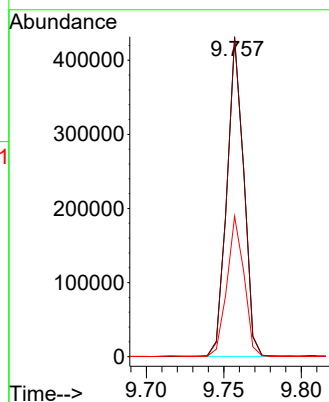
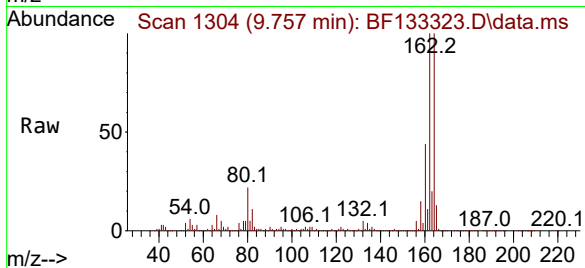
Tgt Ion:164 Resp: 323955

Ion Ratio Lower Upper

164 100

162 100.3 78.7 118.1

160 44.1 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 12.908 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF133323.D

Acq: 09 May 2023 18:15

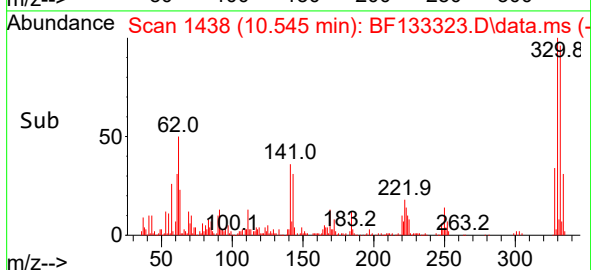
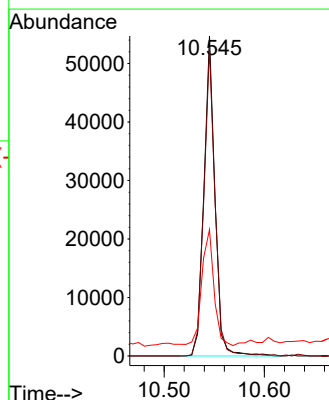
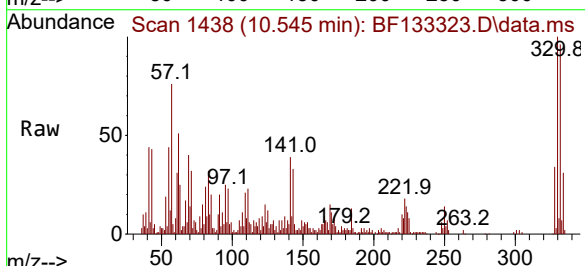
Tgt Ion:330 Resp: 42055

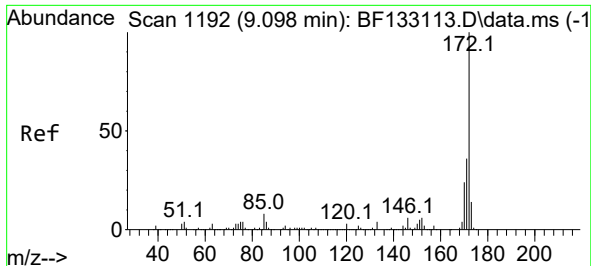
Ion Ratio Lower Upper

330 100

332 98.2 77.1 115.7

141 39.6 25.8 38.8#





#45

2-Fluorobiphenyl

Concen: 13.289 ng

RT: 9.081 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF133323.D

Acq: 09 May 2023 18:15

Instrument :

BNA_F

ClientSampleId :

WO-5

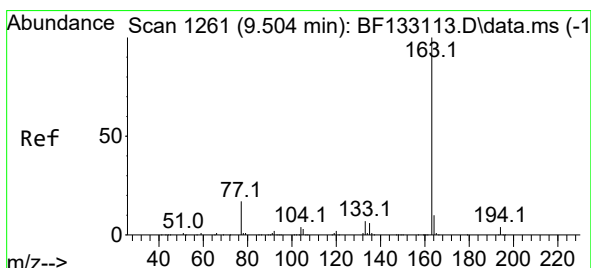
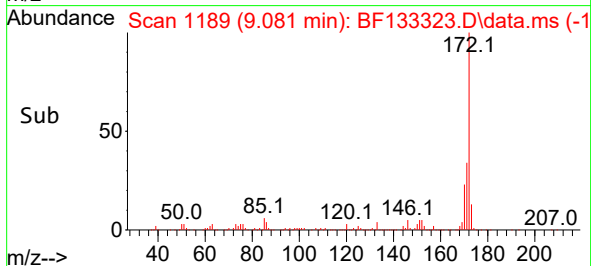
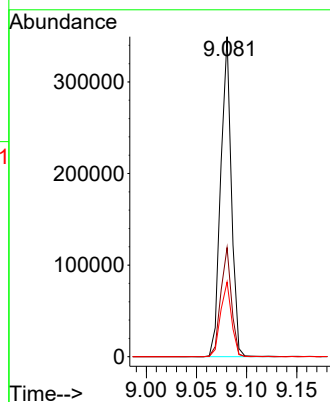
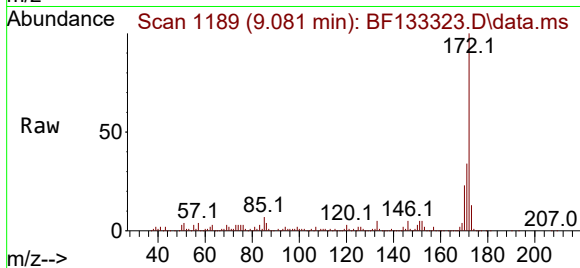
Tgt Ion:172 Resp: 257331

Ion Ratio Lower Upper

172 100

171 34.1 28.8 43.2

170 23.3 19.4 29.2



#50

Dimethylphthalate

Concen: 2.866 ng

RT: 9.757 min Scan# 1304

Delta R.T. 0.265 min

Lab File: BF133323.D

Acq: 09 May 2023 18:15

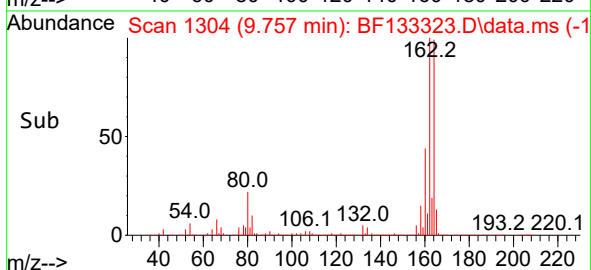
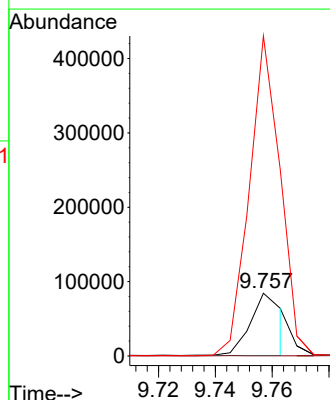
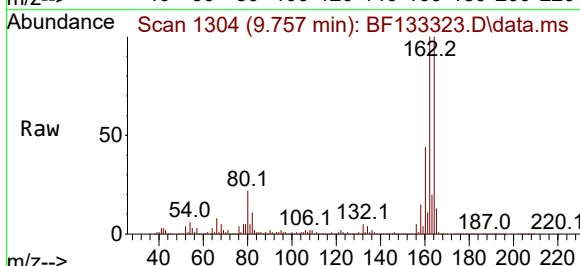
Tgt Ion:163 Resp: 64743

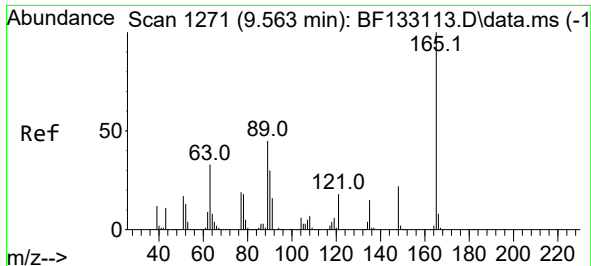
Ion Ratio Lower Upper

163 100

194 0.3 3.1 4.7#

164 510.5 8.5 12.7#

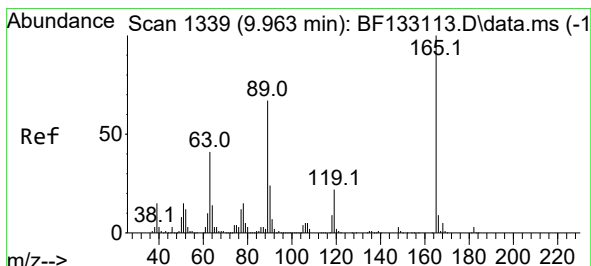
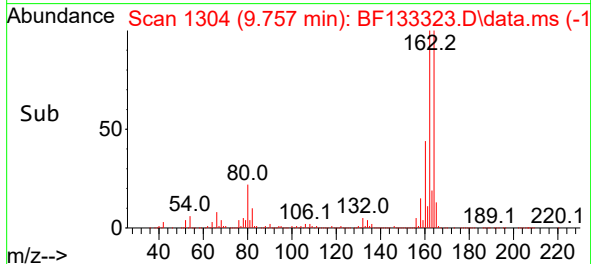
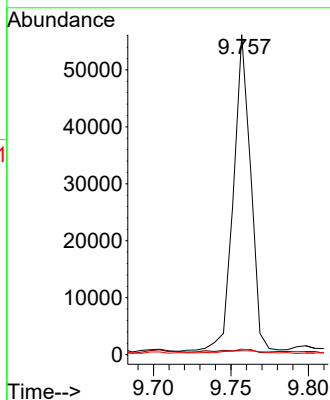
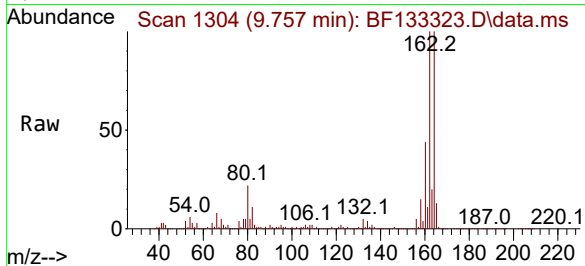




#51
2,6-Dinitrotoluene
Concen: 8.463 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133323.D
Acq: 09 May 2023 18:15

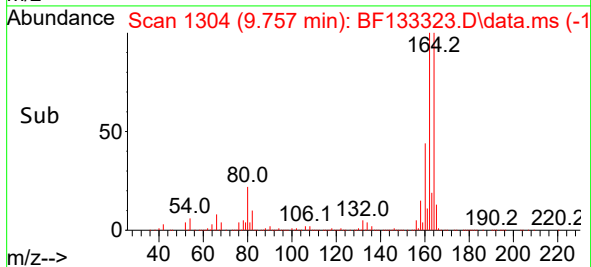
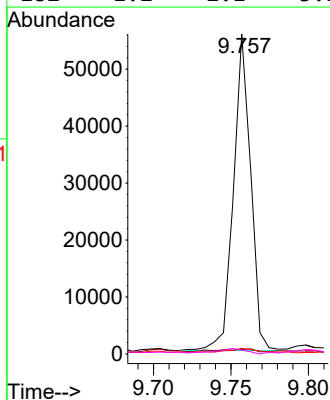
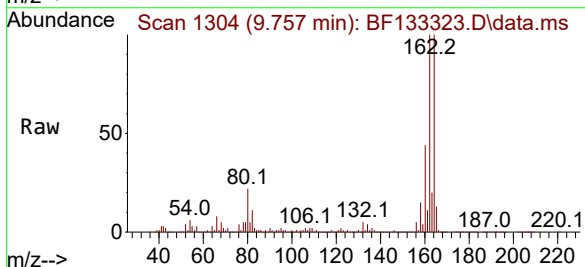
Instrument :
BNA_F
ClientSampleId :
WO-5

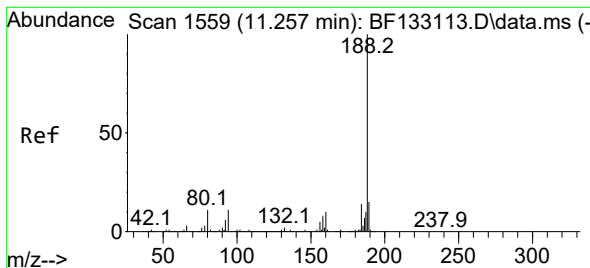
Tgt Ion:165 Resp: 43028
Ion Ratio Lower Upper
165 100
63 1.4 45.9 68.9#
89 1.7 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.636 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF133323.D
Acq: 09 May 2023 18:15

Tgt Ion:165 Resp: 43028
Ion Ratio Lower Upper
165 100
63 1.4 37.7 56.5#
89 1.7 57.0 85.4#
182 1.2 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133323.D

Acq: 09 May 2023 18:15

Instrument :

BNA_F

ClientSampleId :

WO-5

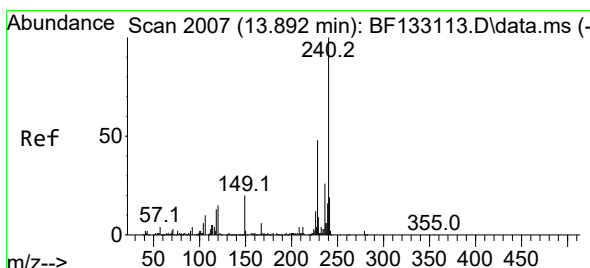
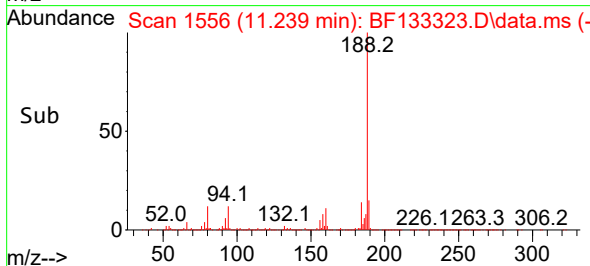
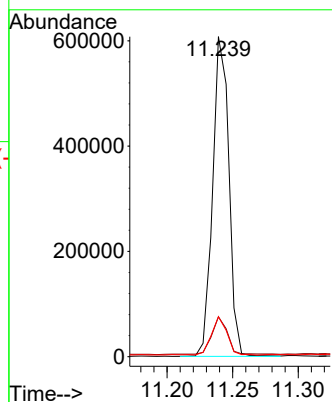
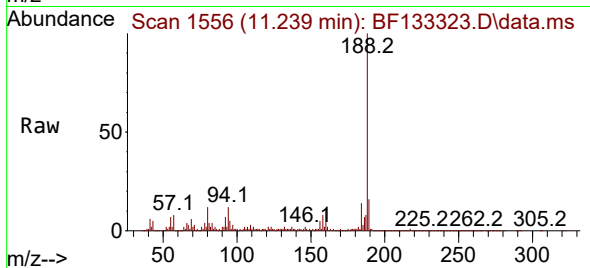
Tgt Ion:188 Resp: 521705

Ion Ratio Lower Upper

188 100

94 12.4 9.7 14.5

80 12.5 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.024 min

Lab File: BF133323.D

Acq: 09 May 2023 18:15

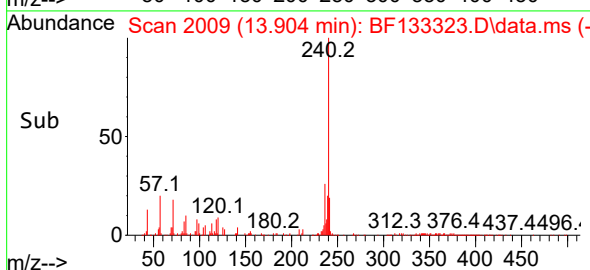
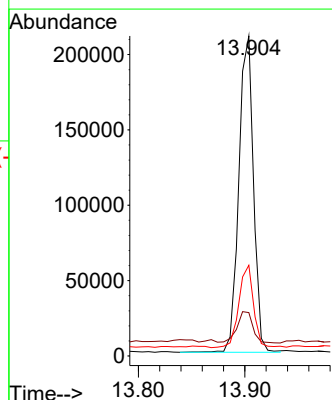
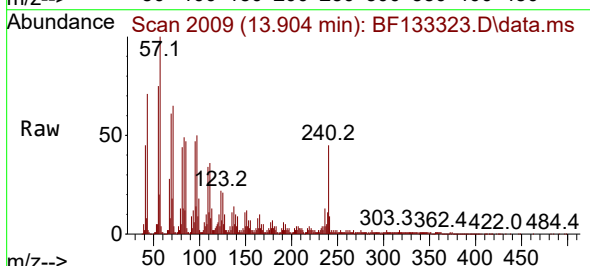
Tgt Ion:240 Resp: 201354

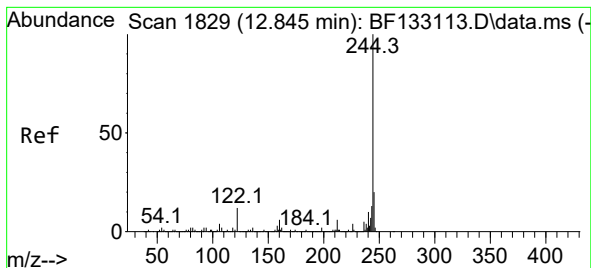
Ion Ratio Lower Upper

240 100

120 13.5 10.5 15.7

236 28.4 21.5 32.3





#79

Terphenyl-d14

Concen: 17.114 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133323.D

Acq: 09 May 2023 18:15

Instrument :

BNA_F

ClientSampleId :

WO-5

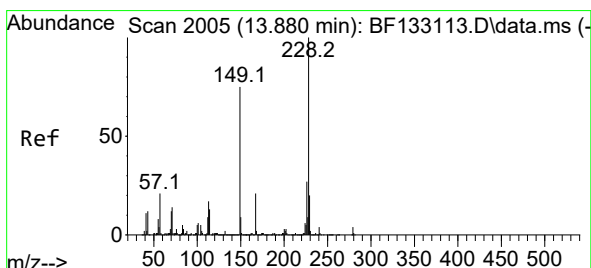
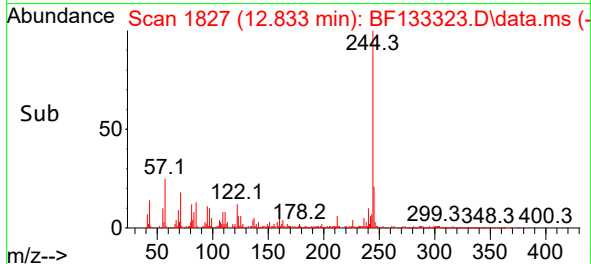
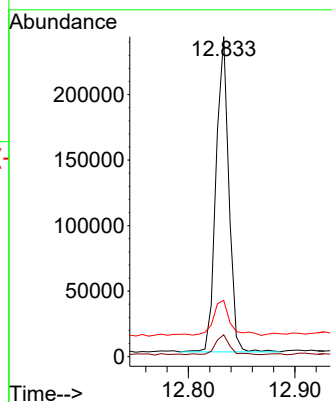
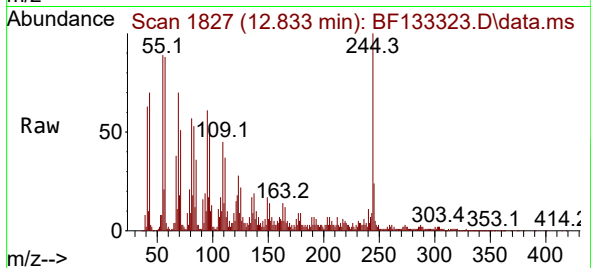
Tgt Ion:244 Resp: 199804

Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 17.6 8.6 13.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.275 ng

RT: 13.892 min Scan# 2007

Delta R.T. 0.024 min

Lab File: BF133323.D

Acq: 09 May 2023 18:15

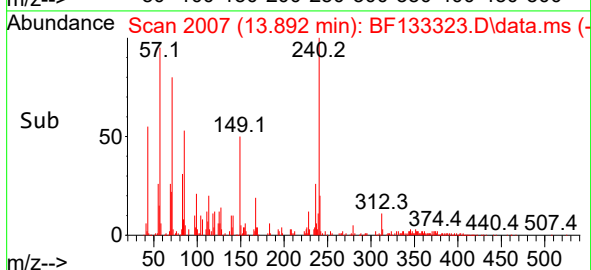
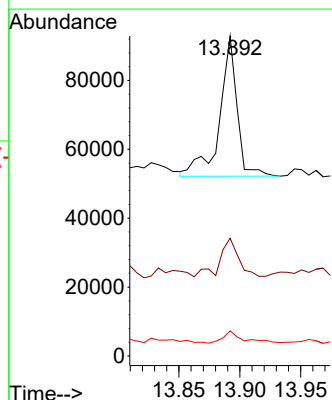
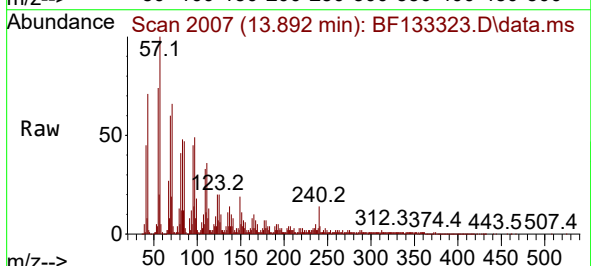
Tgt Ion:149 Resp: 40468

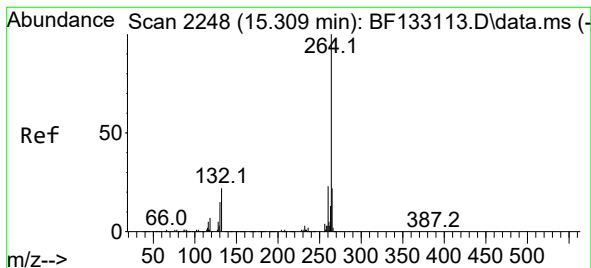
Ion Ratio Lower Upper

149 100

167 36.8 22.5 33.7#

279 7.9 4.2 6.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.351 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF133323.D

Acq: 09 May 2023 18:15

Instrument :

BNA_F

ClientSampleId :

WO-5

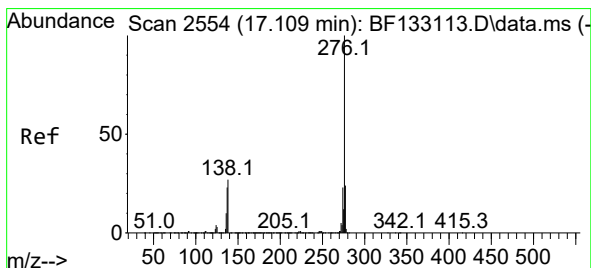
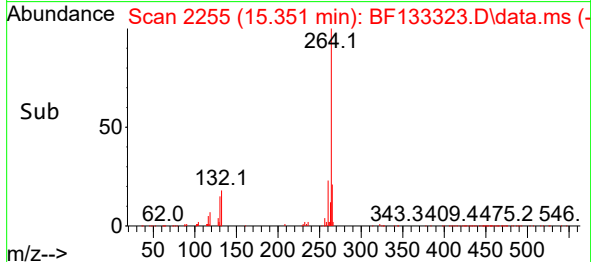
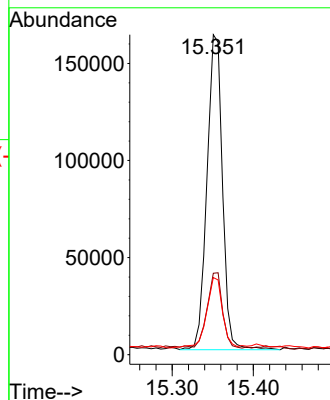
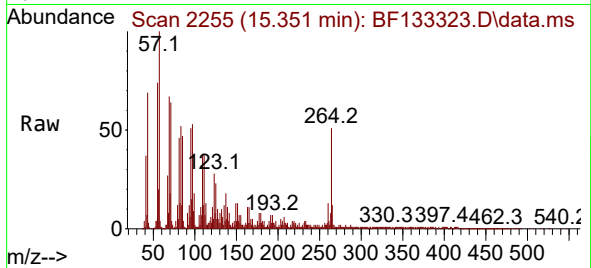
Tgt Ion:264 Resp: 214785

Ion Ratio Lower Upper

264 100

260 25.4 18.8 28.2

265 24.1 17.0 25.4



#92

Benzo(g,h,i)perylene

Concen: 3.623 ng

RT: 17.162 min Scan# 2563

Delta R.T. 0.077 min

Lab File: BF133323.D

Acq: 09 May 2023 18:15

Tgt Ion:276 Resp: 36448

Ion Ratio Lower Upper

276 100

277 32.2 19.4 29.0#

138 53.5 22.7 34.1#

