

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133382.D
 Acq On : 15 May 2023 12:55
 Operator : CG\JU
 Sample : PB152781BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152781BL

Quant Time: May 15 19:28:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

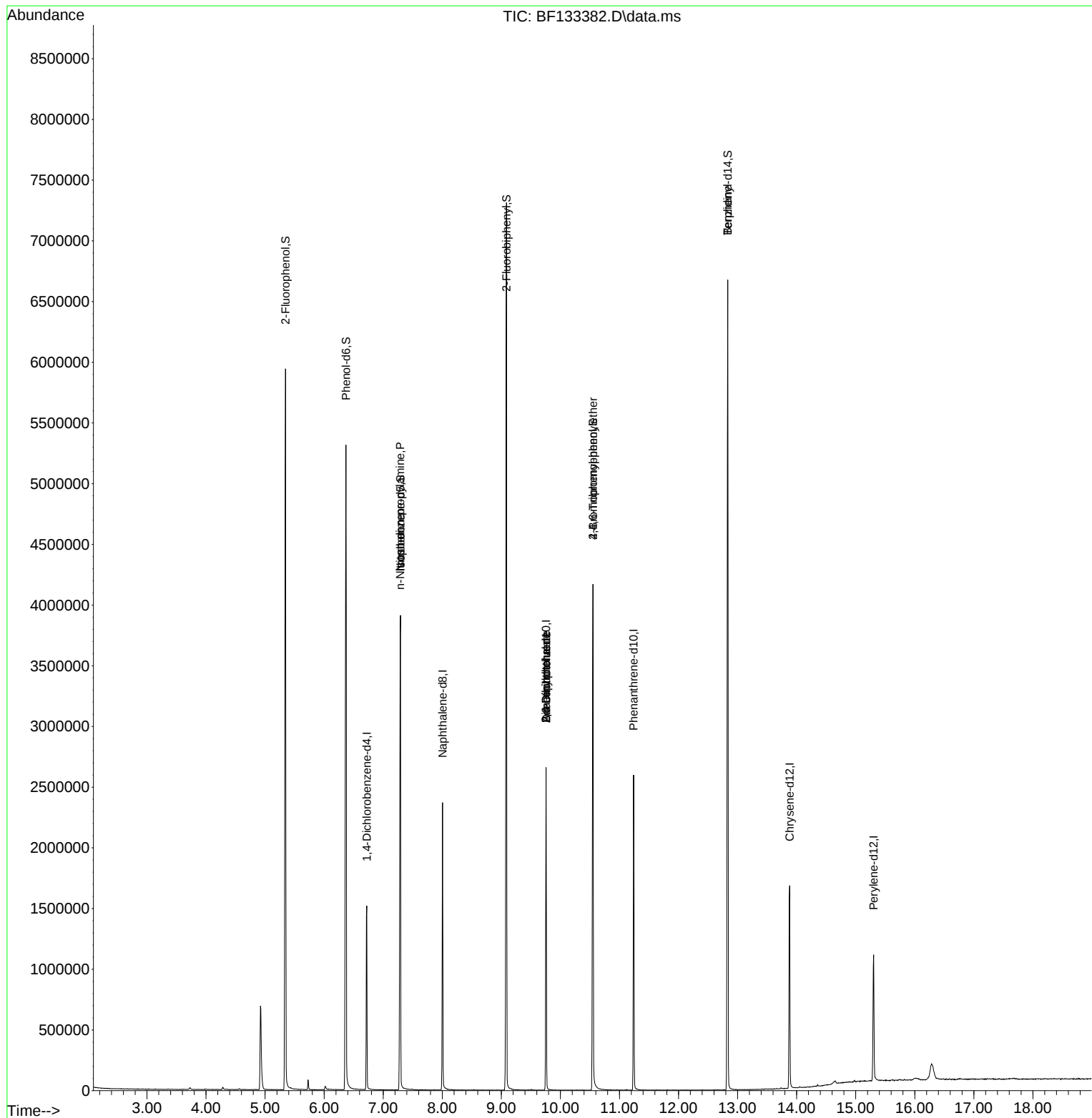
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	233187	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	961777	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	497138	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	915471	20.000	ng	0.00
76) Chrysene-d12	13.880	240	570791	20.000	ng	0.00
86) Perylene-d12	15.304	264	461611	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1860268	120.510	ng	0.02
7) Phenol-d6	6.369	99	2318031	120.982	ng	0.00
23) Nitrobenzene-d5	7.293	82	1430613	80.289	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	581670	116.342	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2318943	78.038	ng	0.00
79) Terphenyl-d14	12.833	244	2734204	82.615	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.204	77	128	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.287	70	190171	15.943	ng	# 76
25) Isophorone	7.293	82	1430600	42.287	ng	# 63
50) Dimethylphthalate	9.757	163	98840	2.851	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	63560	8.147	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	63560	6.388	ng	# 23
67) 4-Bromophenyl-phenylether	10.551	248	36615	3.688	ng	# 1
77) Benzidine	12.833	184	33176	3.437	ng	# 89

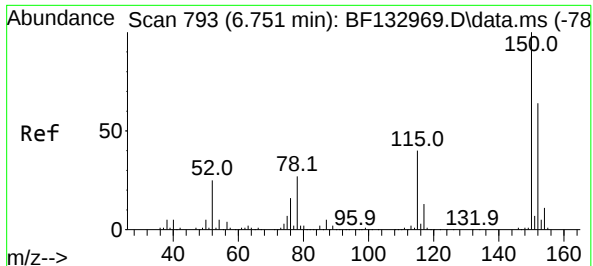
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 16:40:17 2023
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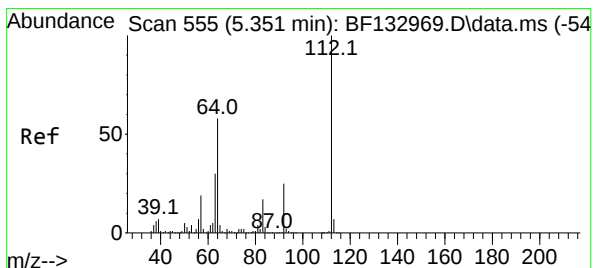
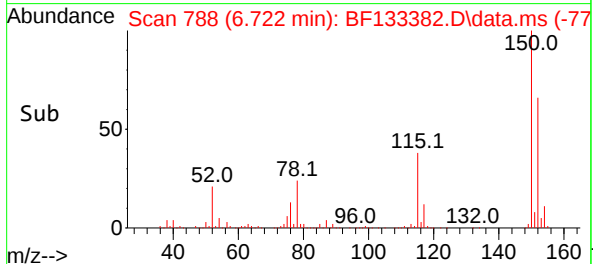
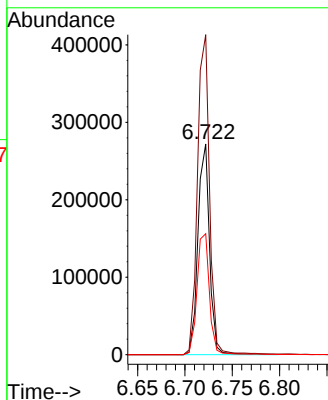
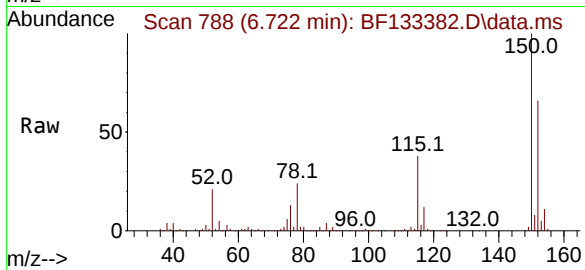




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133382.D
 Acq: 15 May 2023 12:55

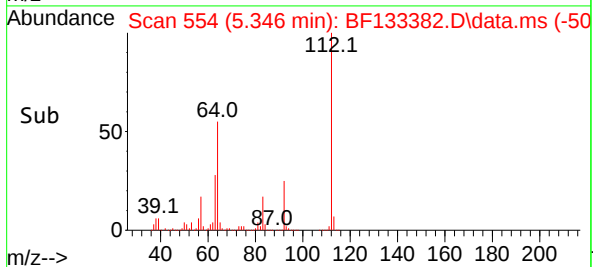
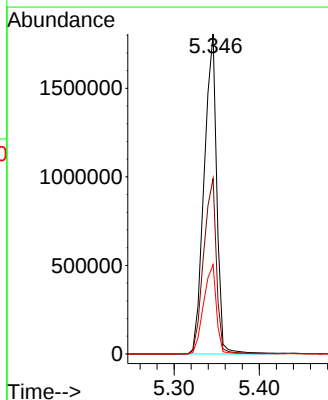
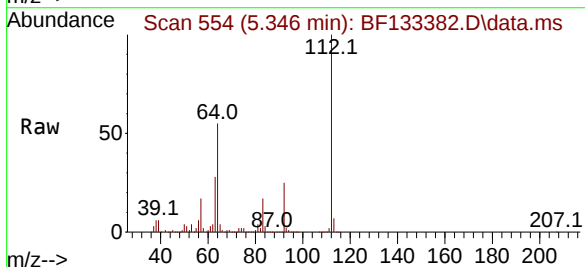
Instrument :
 BNA_F
 ClientSampleId :
 PB152781BL

Tgt Ion:152 Resp: 233187
 Ion Ratio Lower Upper
 152 100
 150 151.8 124.8 187.2
 115 57.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 120.510 ng
 RT: 5.346 min Scan# 554
 Delta R.T. 0.018 min
 Lab File: BF133382.D
 Acq: 15 May 2023 12:55

Tgt Ion:112 Resp: 1860268
 Ion Ratio Lower Upper
 112 100
 64 54.8 46.8 70.2
 63 28.0 23.8 35.8

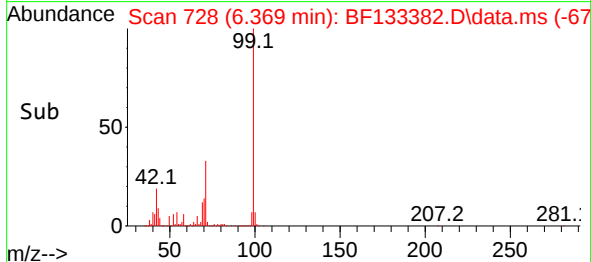
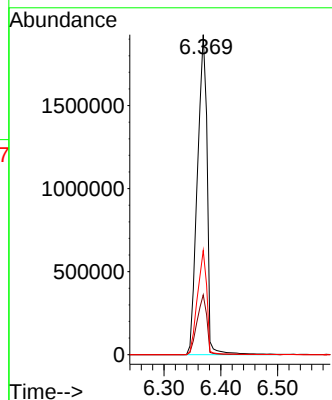
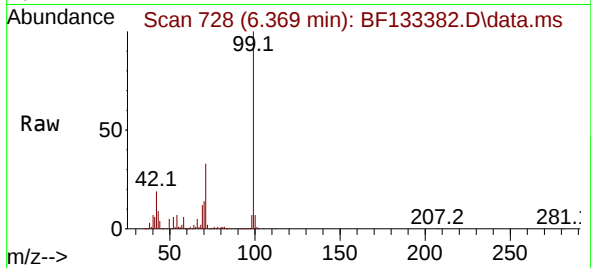




#7
Phenol-d6
Concen: 120.982 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133382.D
Acq: 15 May 2023 12:55

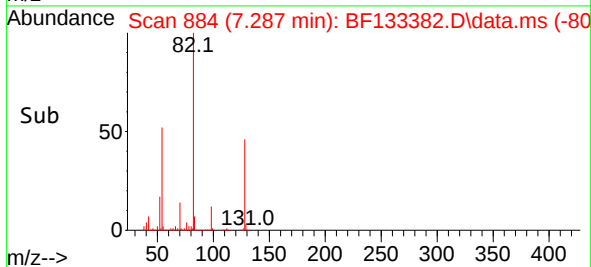
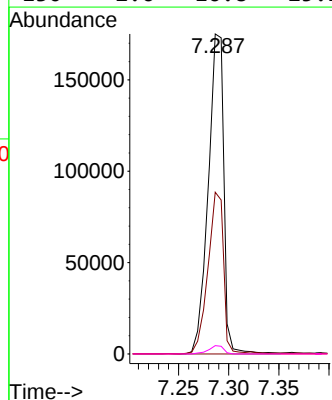
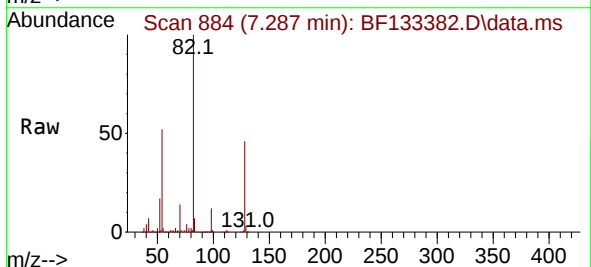
Instrument :
BNA_F
ClientSampleId :
PB152781BL

Tgt Ion: 99 Resp: 2318031
Ion Ratio Lower Upper
99 100
42 18.7 16.3 24.5
71 32.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.943 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133382.D
Acq: 15 May 2023 12:55

Tgt Ion: 70 Resp: 190171
Ion Ratio Lower Upper
70 100
42 50.6 51.8 77.6#
101 0.0 8.0 12.0#
130 2.6 16.8 25.2#



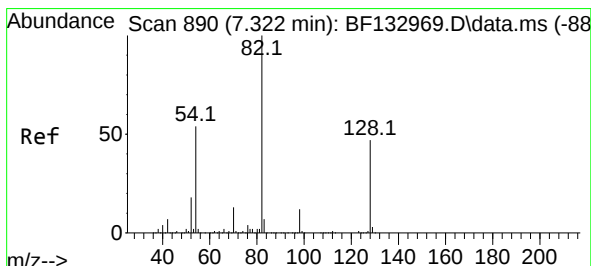
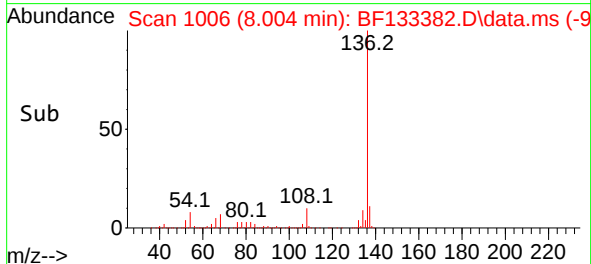
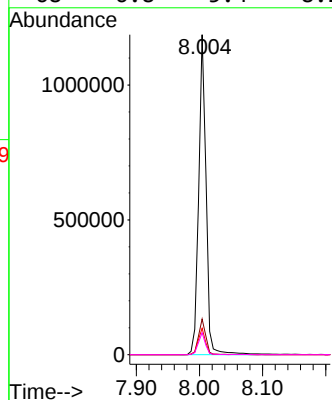
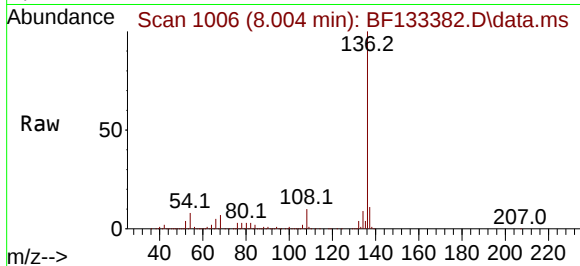


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133382.D
Acq: 15 May 2023 12:55

Instrument :
BNA_F
ClientSampleId :
PB152781BL

Tgt Ion:136 Resp: 961777

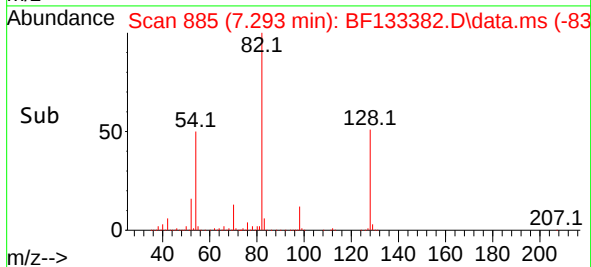
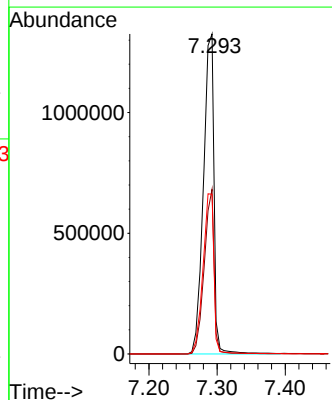
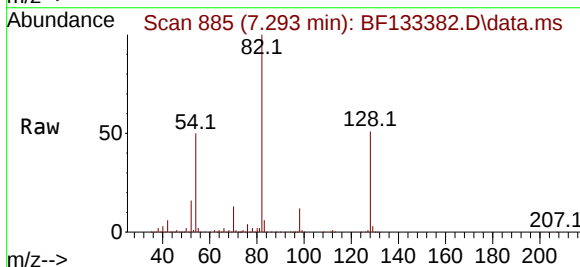
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.3	7.0	10.4
68	6.8	5.4	8.2

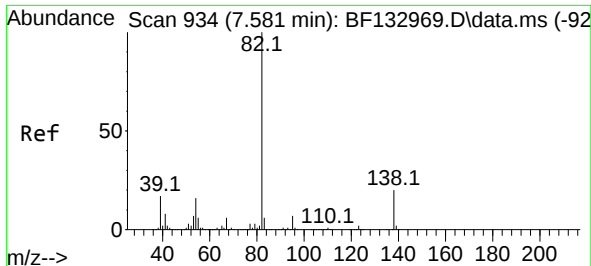


#23
Nitrobenzene-d5
Concen: 80.289 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF133382.D
Acq: 15 May 2023 12:55

Tgt Ion: 82 Resp: 1430613

Ion	Ratio	Lower	Upper
82	100		
128	51.4	37.7	56.5
54	49.9	43.0	64.4

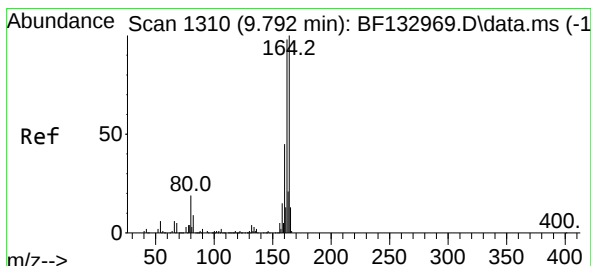
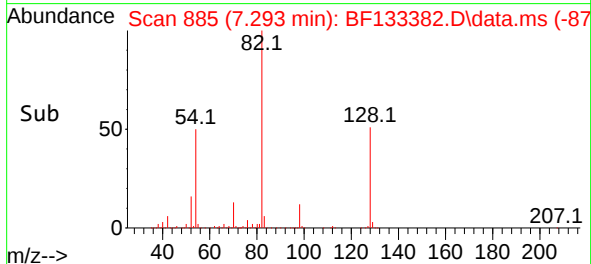
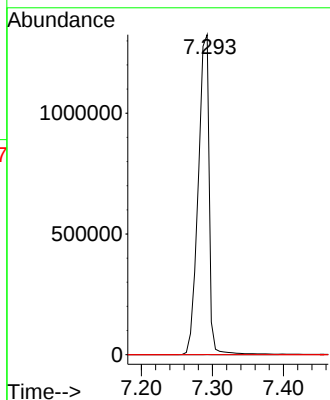
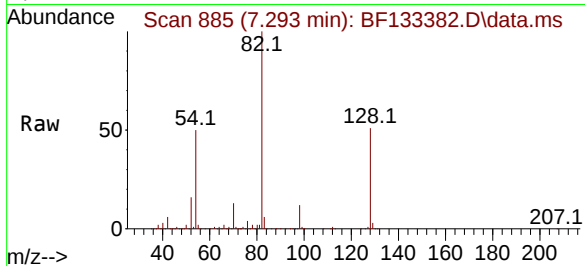




#25
Isophorone
Concen: 42.287 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF133382.D
Acq: 15 May 2023 12:55

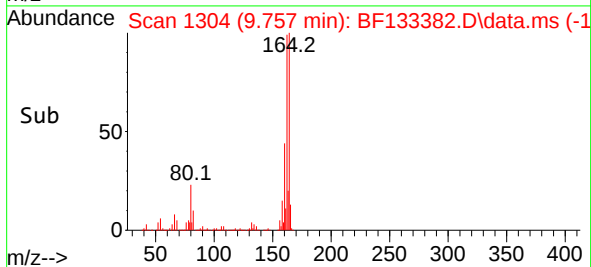
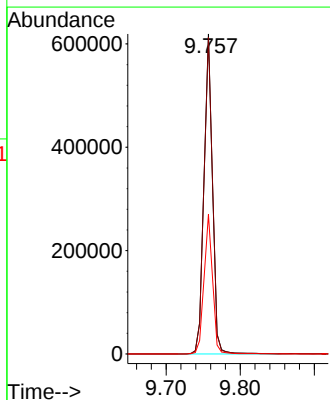
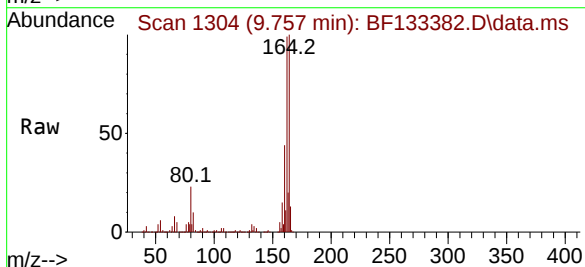
Instrument :
BNA_F
ClientSampleId :
PB152781BL

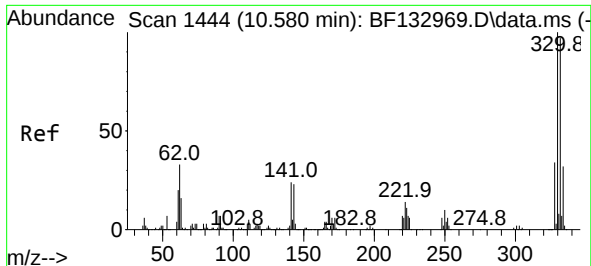
Tgt Ion: 82 Resp: 1430600
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BF133382.D
Acq: 15 May 2023 12:55

Tgt Ion:164 Resp: 497138
Ion Ratio Lower Upper
164 100
162 99.1 78.7 118.1
160 43.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 116.342 ng

RT: 10.551 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF133382.D

Acq: 15 May 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB152781BL

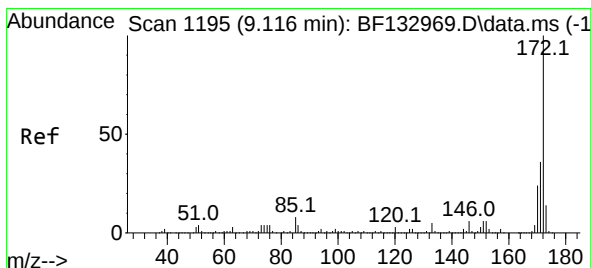
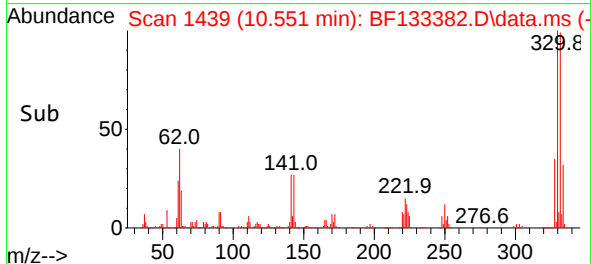
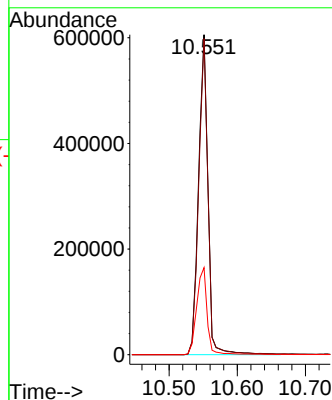
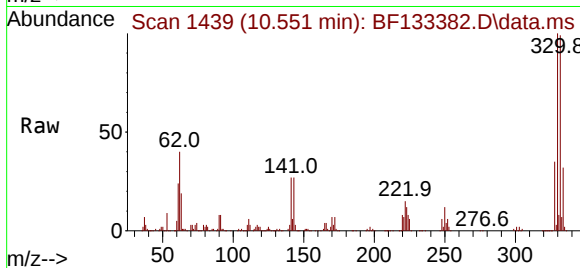
Tgt Ion:330 Resp: 581670

Ion Ratio Lower Upper

330 100

332 97.6 77.1 115.7

141 30.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 78.038 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF133382.D

Acq: 15 May 2023 12:55

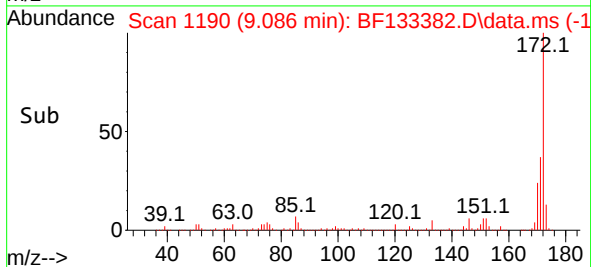
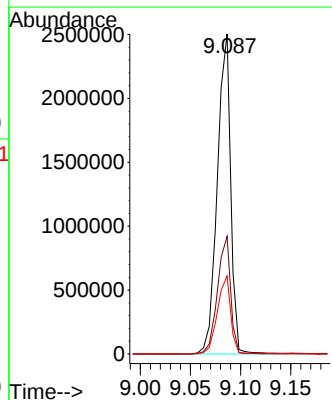
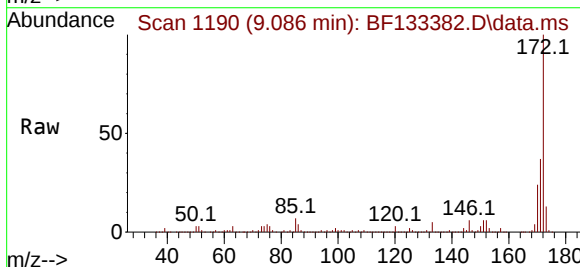
Tgt Ion:172 Resp: 2318943

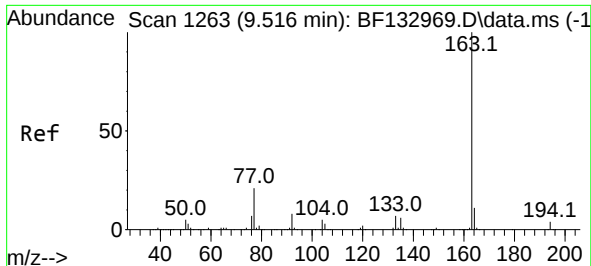
Ion Ratio Lower Upper

172 100

171 36.8 28.8 43.2

170 24.4 19.4 29.2

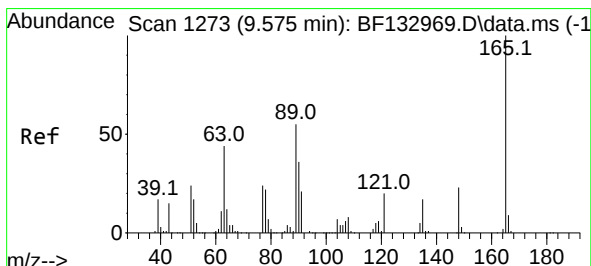
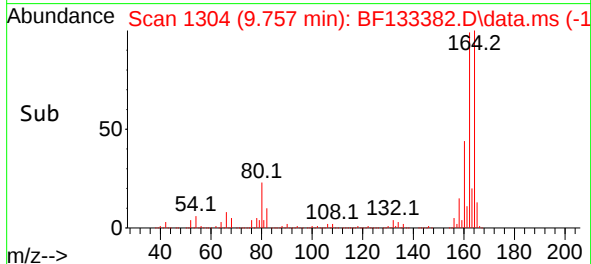
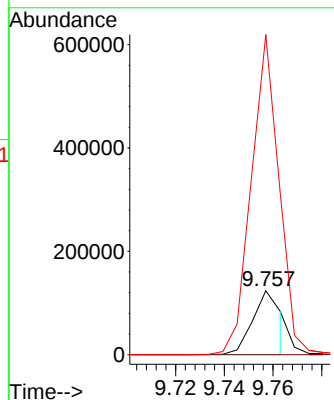
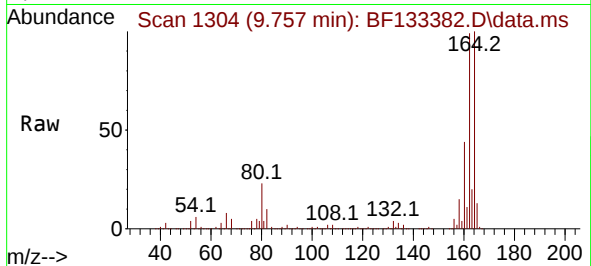




#50
 Dimethylphthalate
 Concen: 2.851 ng
 RT: 9.757 min Scan# 11
 Delta R.T. 0.271 min
 Lab File: BF133382.D
 Acq: 15 May 2023 12:55

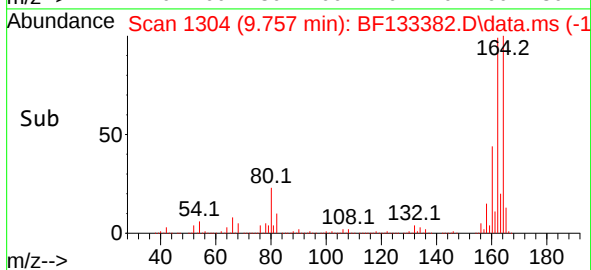
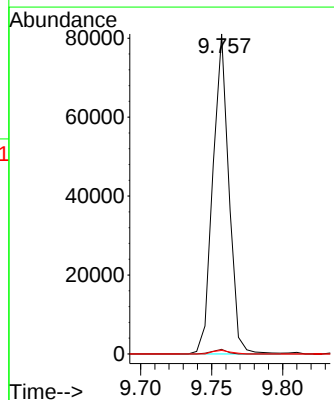
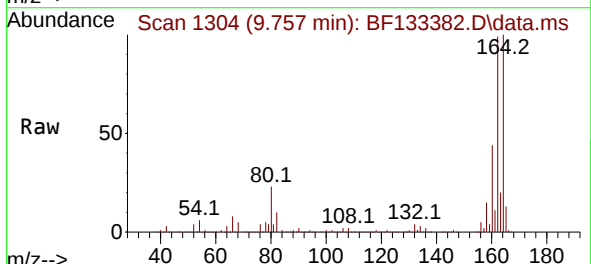
Instrument :
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 ClientSampleId :
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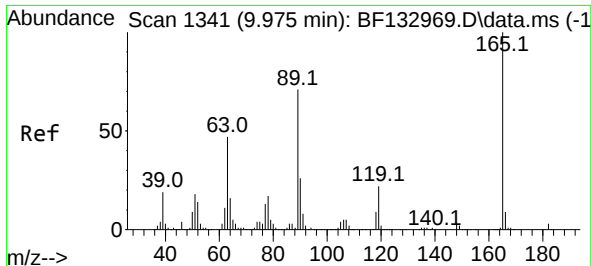
Tgt Ion:163 Resp: 98840
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.1 4.7#
 164 500.6 8.5 12.7#



#51
 2,6-Dinitrotoluene
 Concen: 8.147 ng
 RT: 9.757 min Scan# 1304
 Delta R.T. 0.212 min
 Lab File: BF133382.D
 Acq: 15 May 2023 12:55

Tgt Ion:165 Resp: 63560
 Ion Ratio Lower Upper
 165 100
 63 1.5 45.9 68.9#
 89 1.1 44.0 66.0#





#57

2,4-Dinitrotoluene

Concen: 6.388 ng

RT: 9.757 min Scan# 1

Delta R.T. -0.194 min

Lab File: BF133382.D

Acq: 15 May 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB152781BL

Tgt Ion:165 Resp: 63560

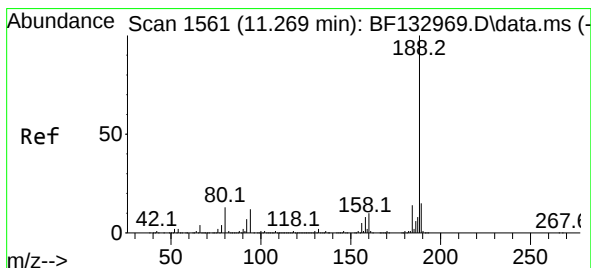
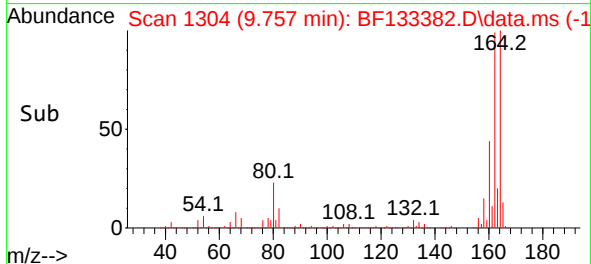
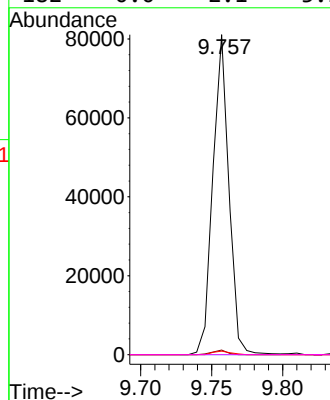
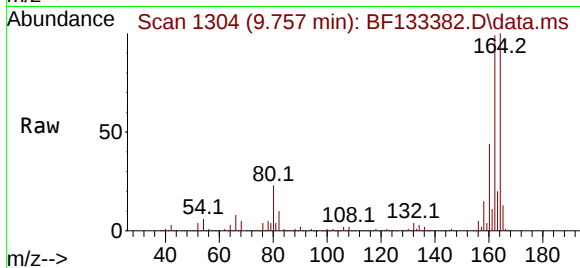
Ion Ratio Lower Upper

165 100

63 1.5 37.7 56.5#

89 1.1 57.0 85.4#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1556

Delta R.T. 0.000 min

Lab File: BF133382.D

Acq: 15 May 2023 12:55

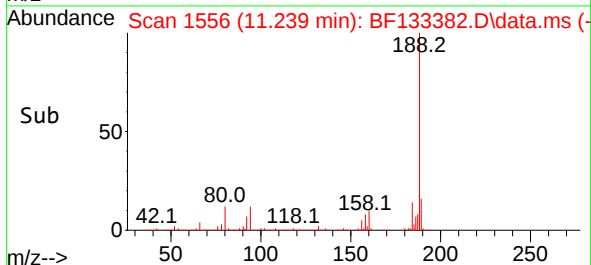
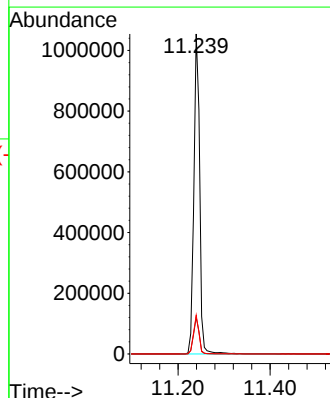
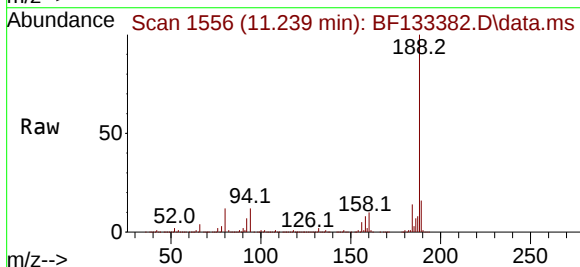
Tgt Ion:188 Resp: 915471

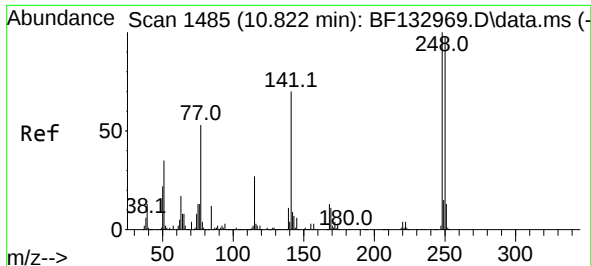
Ion Ratio Lower Upper

188 100

94 11.5 9.7 14.5

80 12.1 10.4 15.6

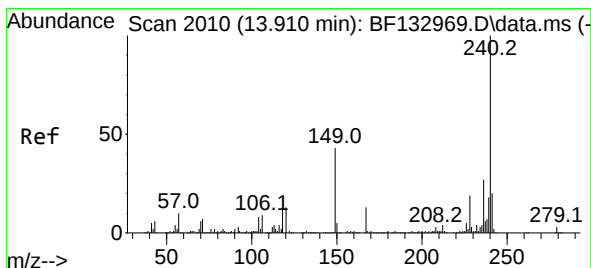
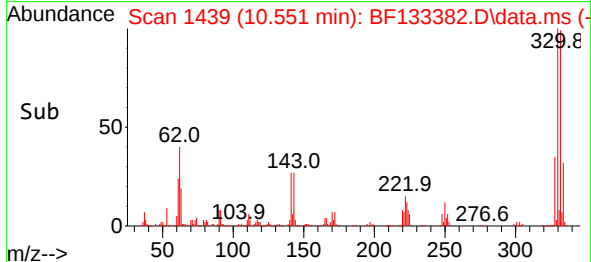
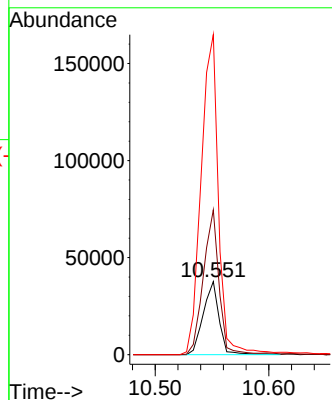
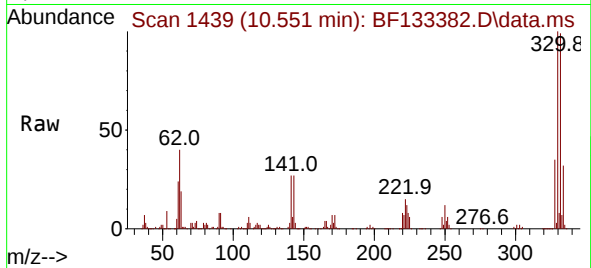




#67
4-Bromophenyl-phenylether
Concen: 3.688 ng
RT: 10.551 min Scan# 14
Delta R.T. -0.235 min
Lab File: BF133382.D
Acq: 15 May 2023 12:55

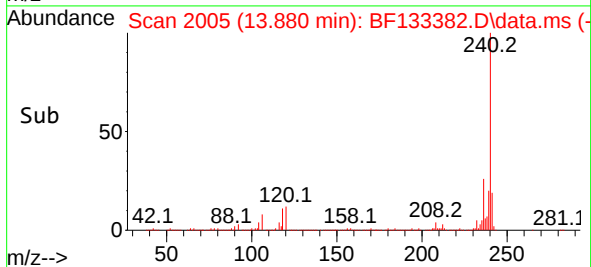
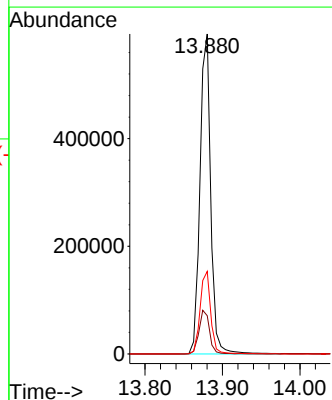
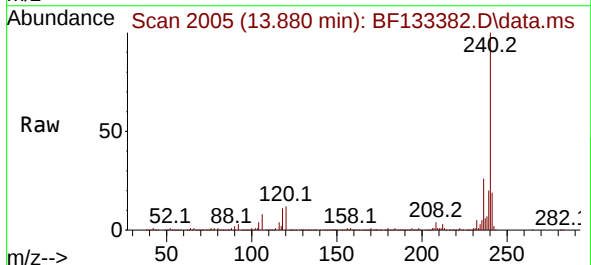
Instrument :
BNA_F
ClientSampleId :
PB152781BL

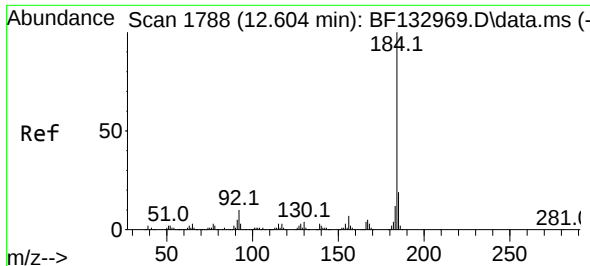
Tgt Ion:248 Resp: 36615
Ion Ratio Lower Upper
248 100
250 197.9 78.7 118.1#
141 437.5 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133382.D
Acq: 15 May 2023 12:55

Tgt Ion:240 Resp: 570791
Ion Ratio Lower Upper
240 100
120 11.9 10.5 15.7
236 25.8 21.5 32.3

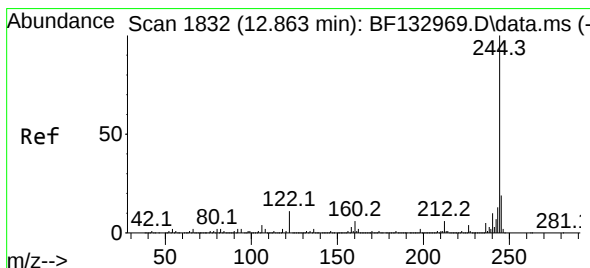
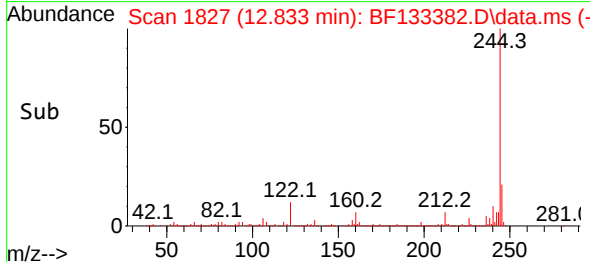
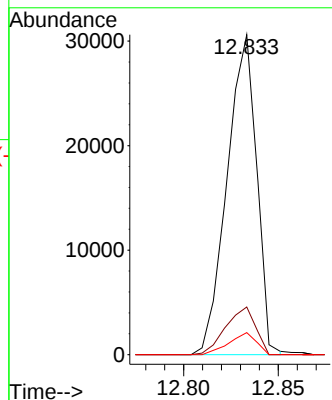
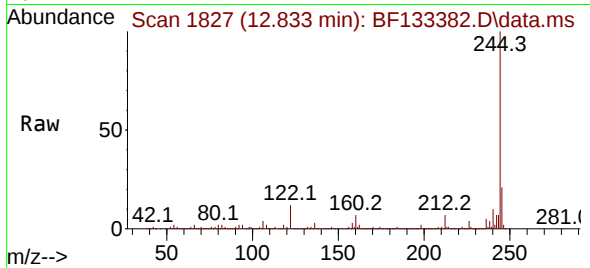




#77
Benzidine
Concen: 3.437 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.259 min
Lab File: BF133382.D
Acq: 15 May 2023 12:55

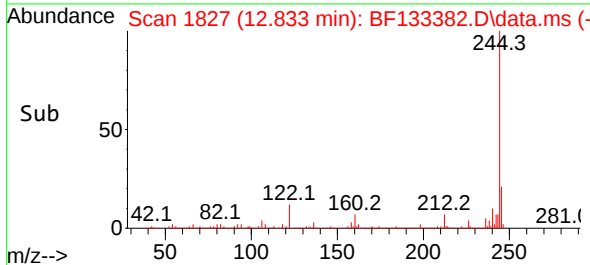
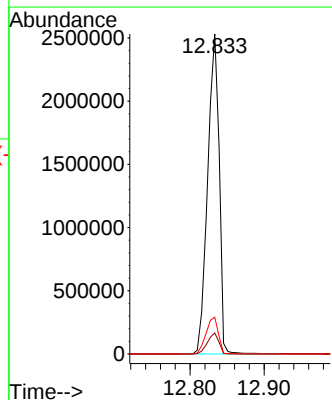
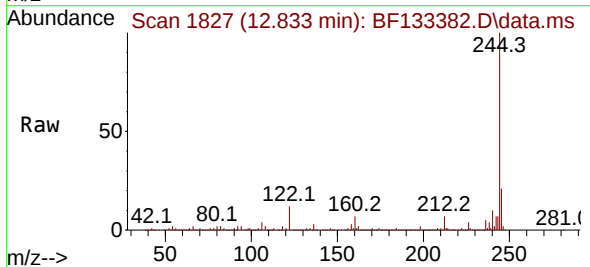
Instrument :
BNA_F
ClientSampleId :
PB152781BL

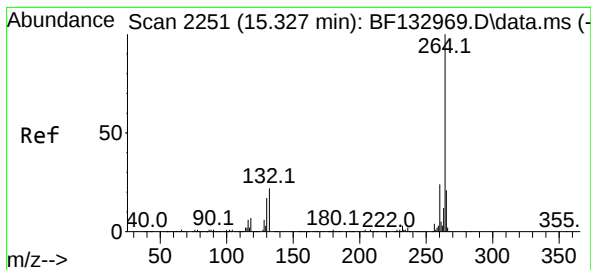
Tgt Ion:184 Resp: 33176
Ion Ratio Lower Upper
184 100
185 14.9 15.4 23.2#
183 6.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 82.615 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF133382.D
Acq: 15 May 2023 12:55

Tgt Ion:244 Resp: 2734204
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 11.5 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF133382.D
 Acq: 15 May 2023 12:55

Instrument :
 BNA_F
 ClientSampleId :
 PB152781BL

Tgt Ion:264 Resp: 461611
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 20.5 17.0 25.4

