

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021023\
 Data File : BF132396.D
 Acq On : 10 Feb 2023 19:54
 Operator : CG\JU
 Sample : 01481-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-48-020723

Quant Time: Feb 11 00:18:32 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)

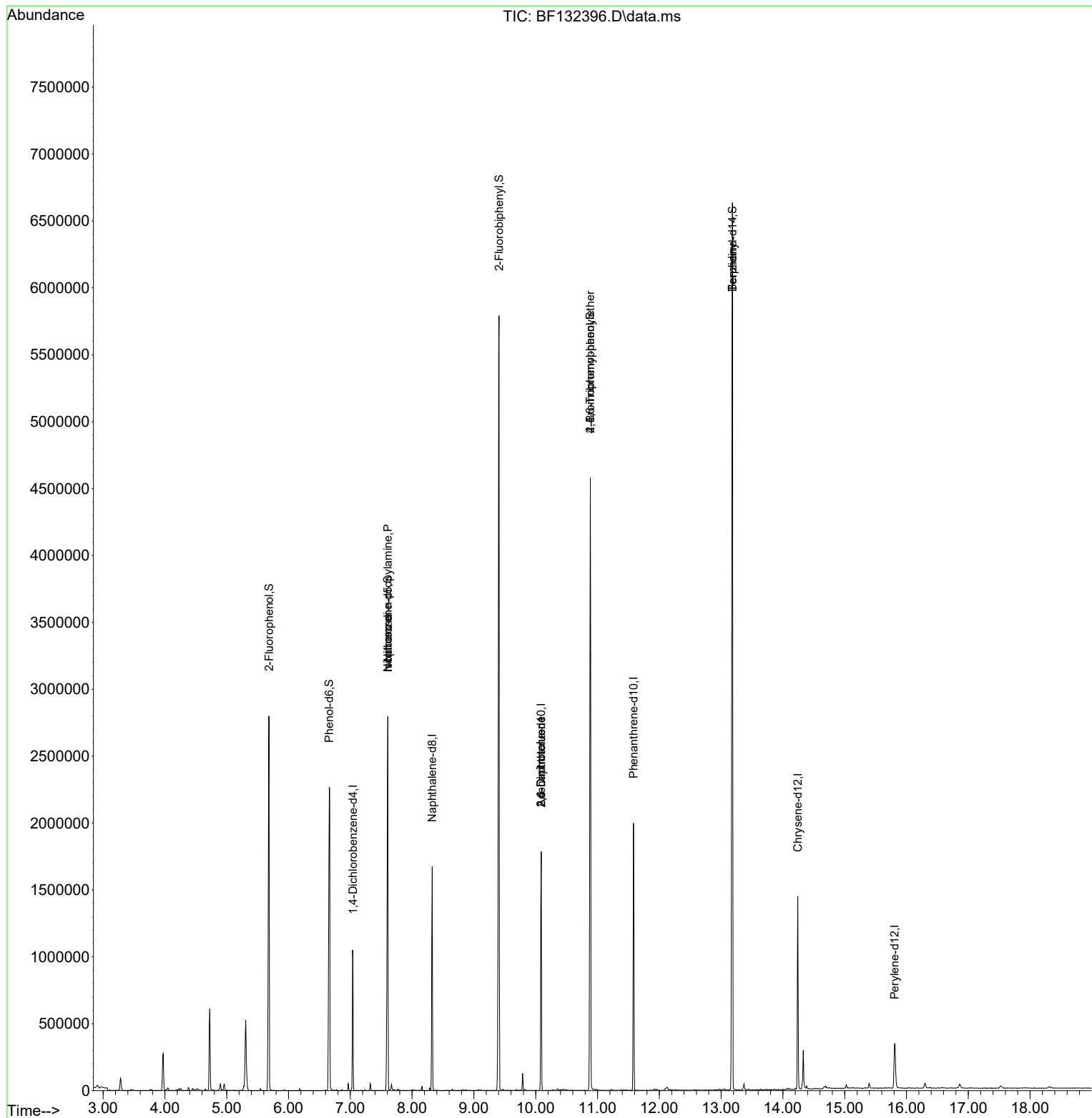
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.042	152	171921	20.000	ng	0.00
21) Naphthalene-d8	8.325	136	715671	20.000	ng	# 0.00
39) Acenaphthene-d10	10.089	164	340365	20.000	ng	0.00
64) Phenanthrene-d10	11.583	188	688977	20.000	ng	0.00
76) Chrysene-d12	14.242	240	438203	20.000	ng	0.00
86) Perylene-d12	15.807	264	95379	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1021797	95.534	ng	0.03
7) Phenol-d6	6.660	99	1136511	86.190	ng	0.00
23) Nitrobenzene-d5	7.607	82	1085520	84.405	ng	0.00
42) 2,4,6-Tribromophenol	10.883	330	704435	201.256	ng	0.00
45) 2-Fluorobiphenyl	9.407	172	2067332	93.796	ng	0.00
79) Terphenyl-d14	13.183	244	2513322	110.948	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.666	77	1804	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.607	70	135983	18.155	ng	# 76
25) Isophorone	7.607	82	1083275	44.378	ng	# 64
51) 2,6-Dinitrotoluene	10.089	165	43236	8.131	ng	# 25
57) 2,4-Dinitrotoluene	10.089	165	43236	6.259	ng	# 24
67) 4-Bromophenyl-phenylether	10.883	248	38777	5.496	ng	# 1
77) Benizidine	13.183	184	40443	2.640	ng	# 94

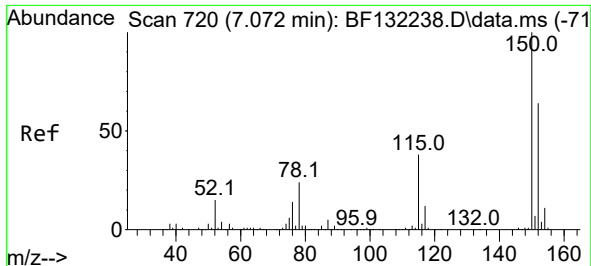
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021023\
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Quant Time: Feb 11 00:18:32 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

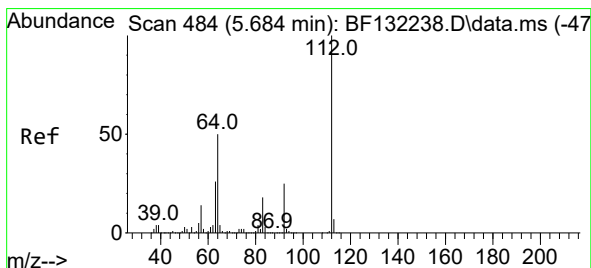
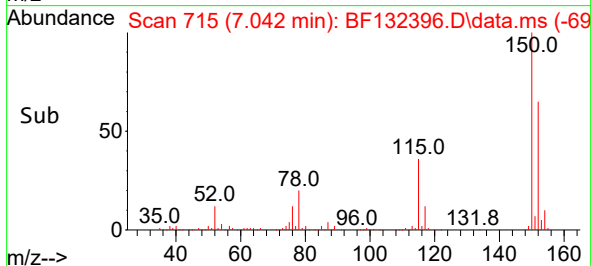
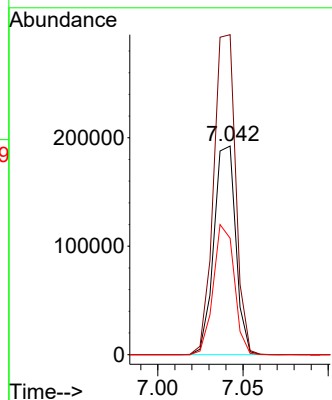
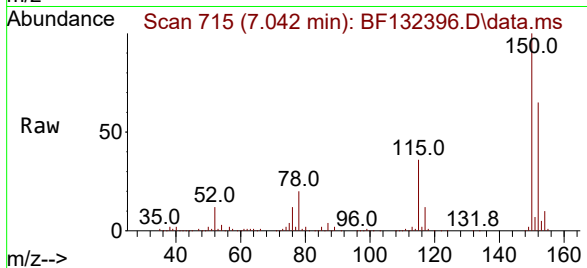




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.042 min Scan# 715
Delta R.T. -0.001 min
Lab File: BF132396.D
Acq: 10 Feb 2023 19:54

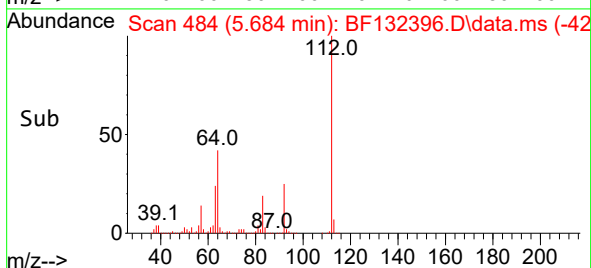
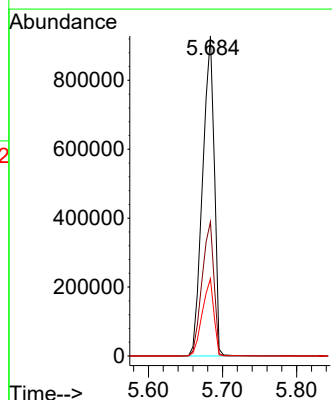
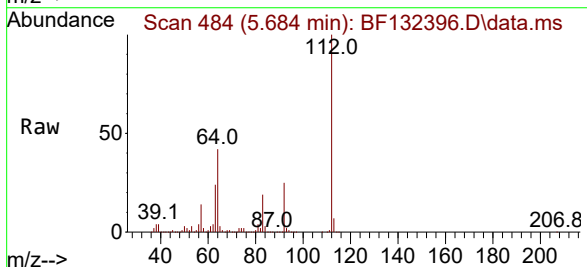
Instrument :
BNA_F
ClientSampleId :
JPP-48-020723

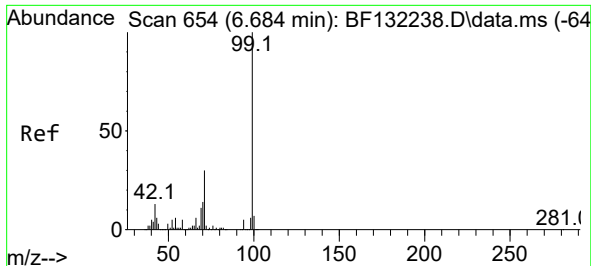
Tgt Ion:152 Resp: 171921
Ion Ratio Lower Upper
152 100
150 153.4 124.2 186.2
115 55.9 47.3 70.9



#5
2-Fluorophenol
Concen: 95.534 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.029 min
Lab File: BF132396.D
Acq: 10 Feb 2023 19:54

Tgt Ion:112 Resp: 1021797
Ion Ratio Lower Upper
112 100
64 41.9 40.0 60.0
63 24.2 20.5 30.7

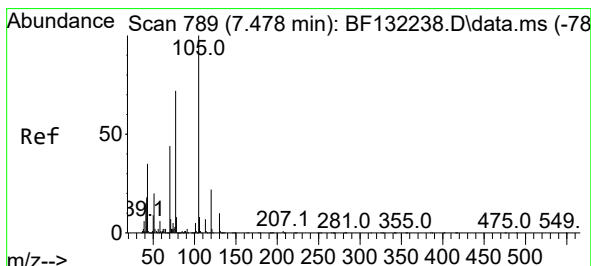
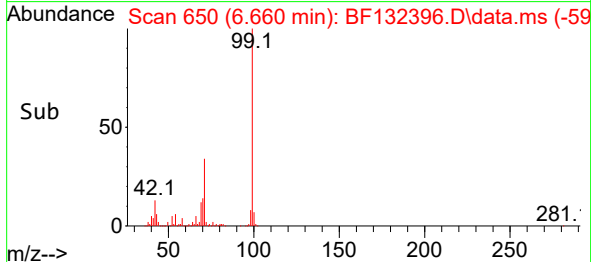
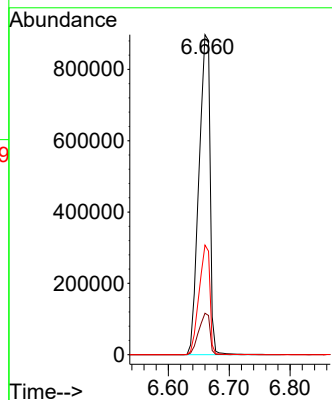
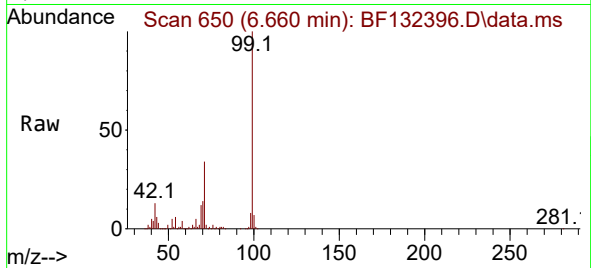




#7
Phenol-d6
Concen: 86.190 ng
RT: 6.660 min Scan# 611
Delta R.T. -0.000 min
Lab File: BF132396.D
Acq: 10 Feb 2023 19:54

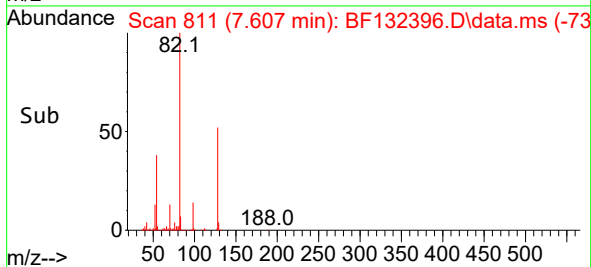
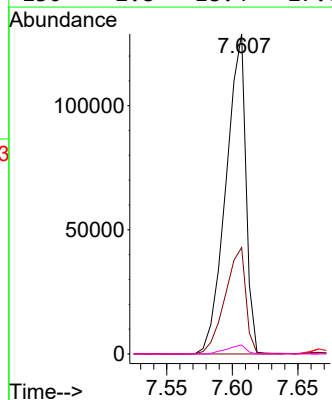
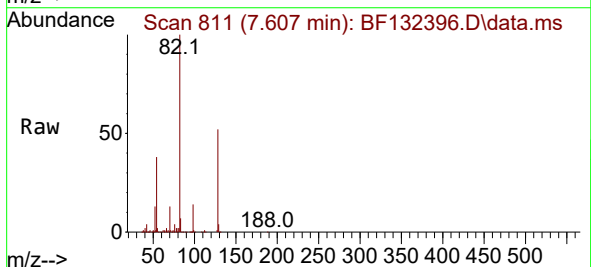
Instrument :
BNA_F
ClientSampleId :
JPP-48-020723

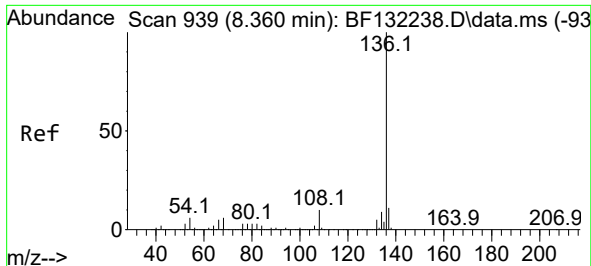
Tgt Ion: 99 Resp: 1136511
Ion Ratio Lower Upper
99 100
42 13.0 10.1 15.1
71 34.2 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.155 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.159 min
Lab File: BF132396.D
Acq: 10 Feb 2023 19:54

Tgt Ion: 70 Resp: 135983
Ion Ratio Lower Upper
70 100
42 33.2 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: 8.325 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF132396.D

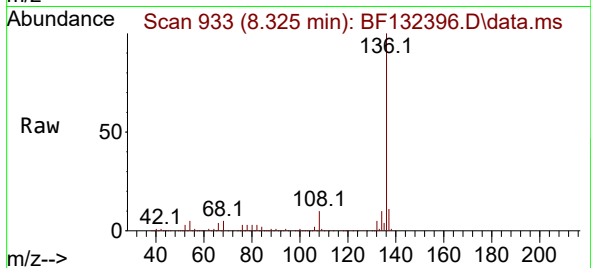
Acq: 10 Feb 2023 19:54

Instrument :

BNA_F

ClientSampleId :

JPP-48-020723



Tgt Ion:136 Resp: 715671

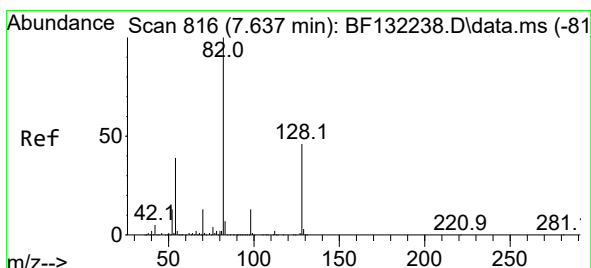
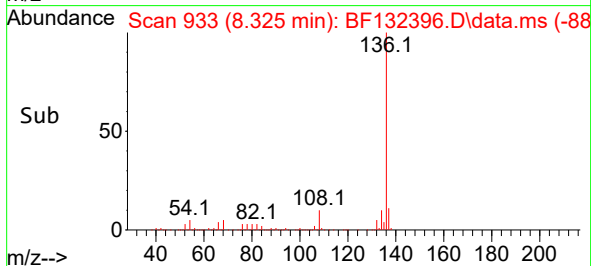
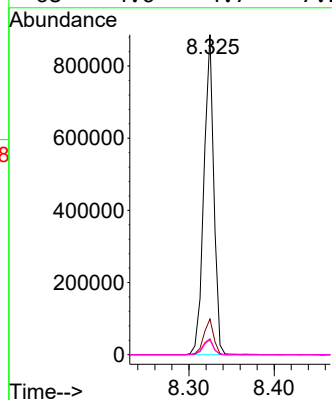
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 4.9 4.9 7.3

68 4.6 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 84.405 ng

RT: 7.607 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF132396.D

Acq: 10 Feb 2023 19:54

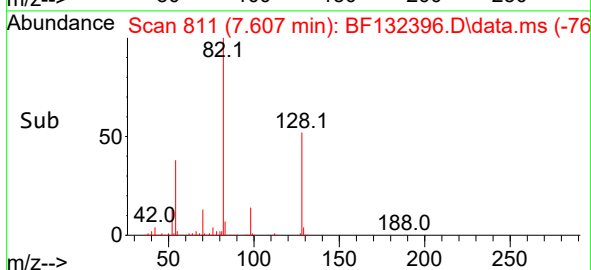
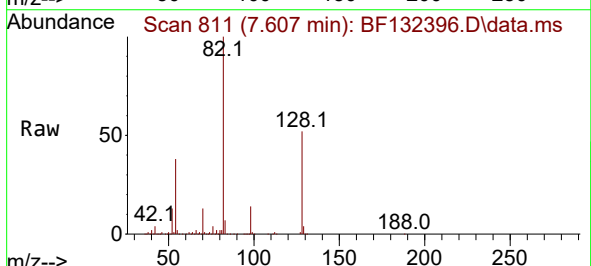
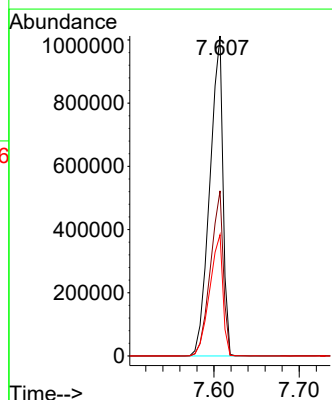
Tgt Ion: 82 Resp: 1085520

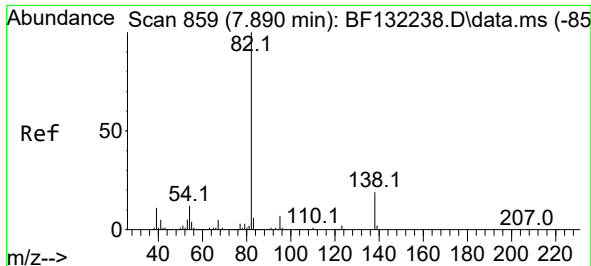
Ion Ratio Lower Upper

82 100

128 51.6 37.0 55.4

54 37.9 31.5 47.3

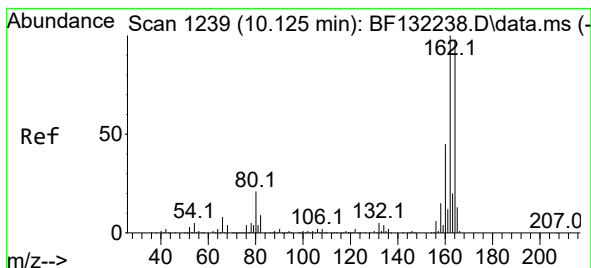
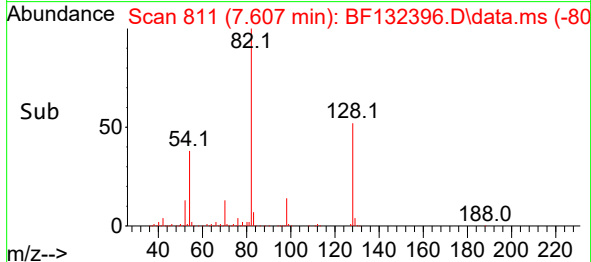
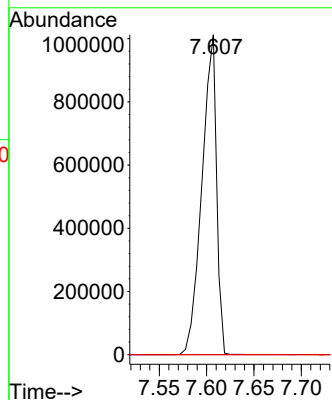
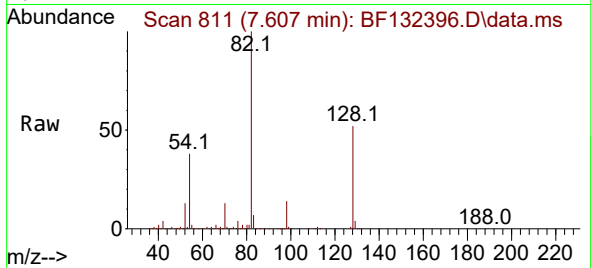




#25
Isophorone
Concen: 44.378 ng
RT: 7.607 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF132396.D
Acq: 10 Feb 2023 19:54

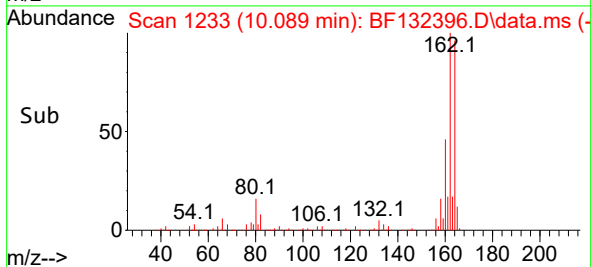
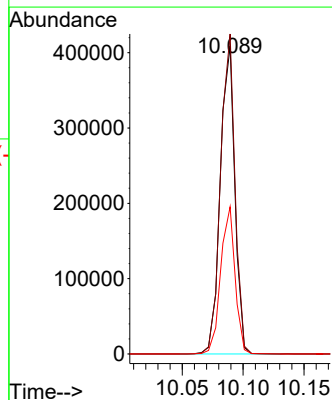
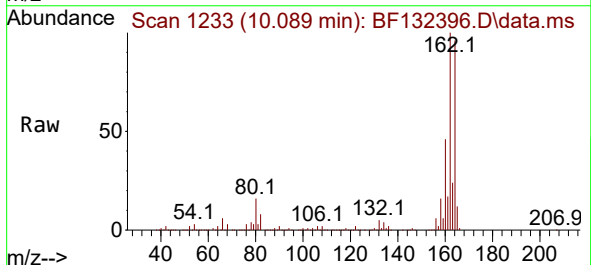
Instrument :
BNA_F
ClientSampleId :
JPP-48-020723

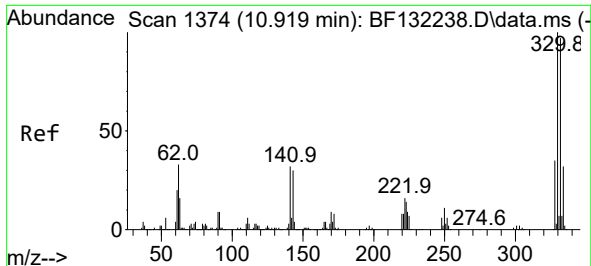
Tgt Ion: 82 Resp: 1083275
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.089 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF132396.D
Acq: 10 Feb 2023 19:54

Tgt Ion:164 Resp: 340365
Ion Ratio Lower Upper
164 100
162 103.9 82.0 123.0
160 47.8 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 201.256 ng

RT: 10.883 min Scan# 1117

Delta R.T. -0.000 min

Lab File: BF132396.D

Acq: 10 Feb 2023 19:54

Instrument :

BNA_F

ClientSampleId :

JPP-48-020723

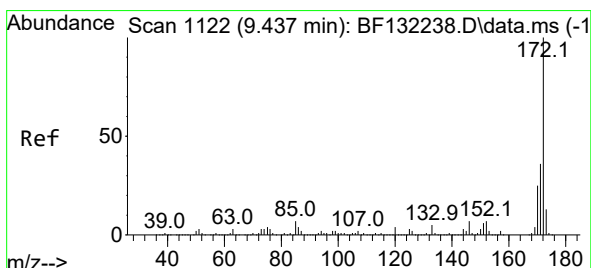
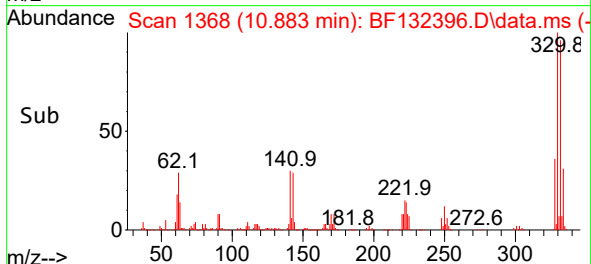
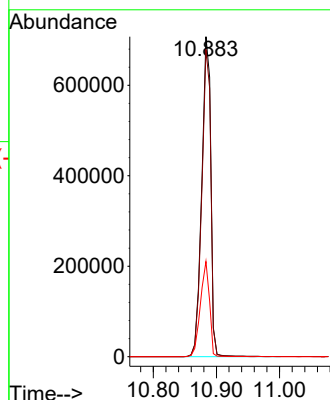
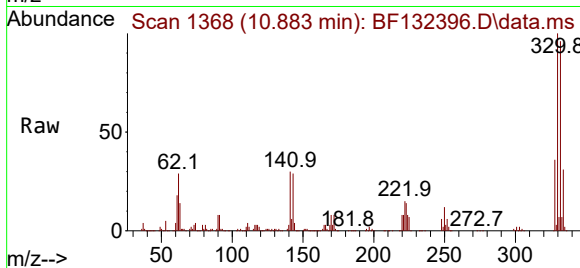
Tgt Ion:330 Resp: 704435

Ion Ratio Lower Upper

330 100

332 95.9 77.9 116.9

141 29.8 31.0 46.4#



#45

2-Fluorobiphenyl

Concen: 93.796 ng

RT: 9.407 min Scan# 1117

Delta R.T. -0.000 min

Lab File: BF132396.D

Acq: 10 Feb 2023 19:54

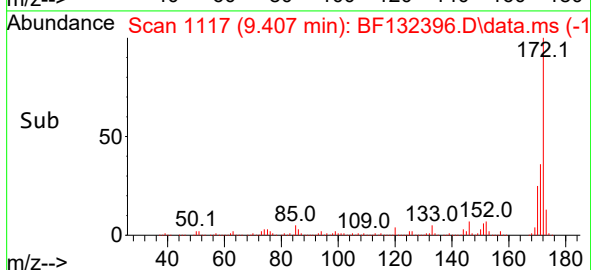
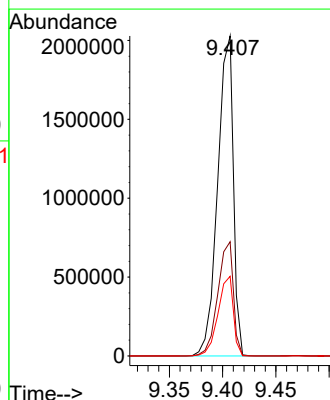
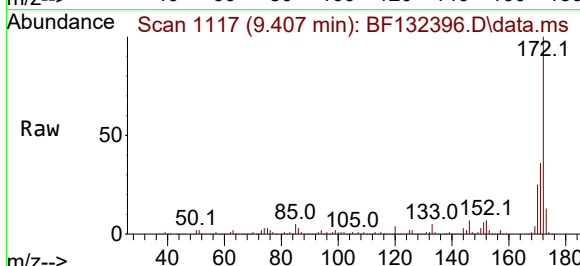
Tgt Ion:172 Resp: 2067332

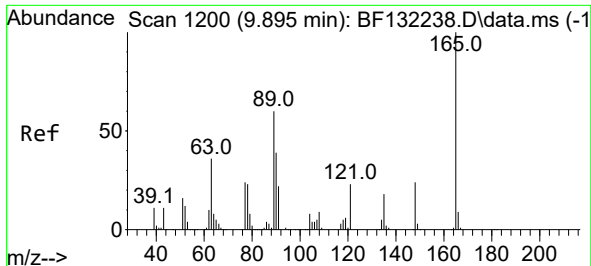
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 24.9 19.7 29.5

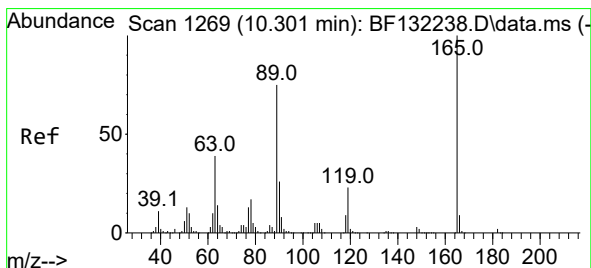
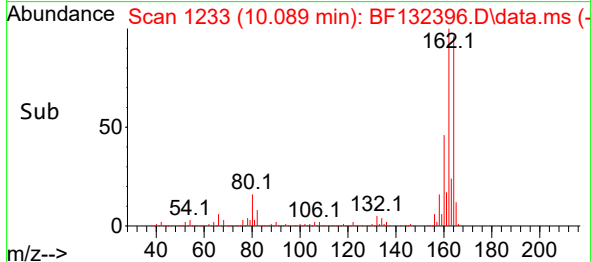
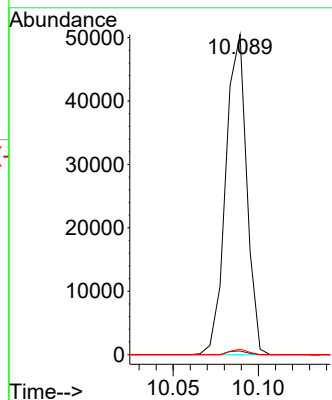
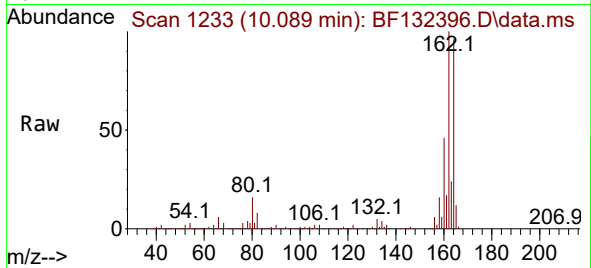




#51
2,6-Dinitrotoluene
Concen: 8.131 ng
RT: 10.089 min Scan# 1233
Delta R.T. 0.217 min
Lab File: BF132396.D
Acq: 10 Feb 2023 19:54

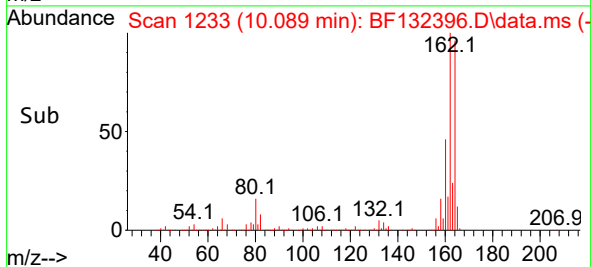
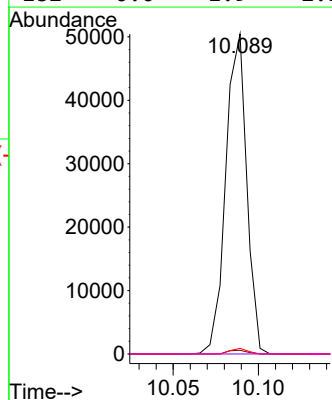
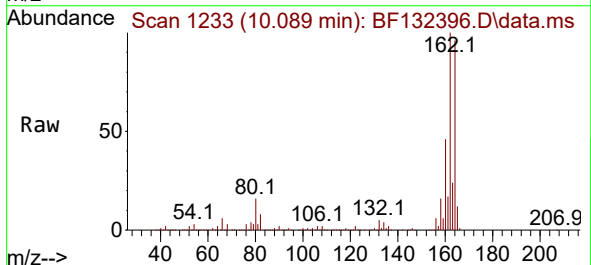
Instrument :
BNA_F
ClientSampleId :
JPP-48-020723

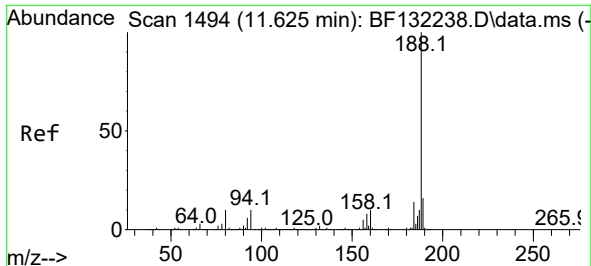
Tgt Ion:165 Resp: 43236
Ion Ratio Lower Upper
165 100
63 1.1 41.5 62.3#
89 1.7 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.259 ng
RT: 10.089 min Scan# 1233
Delta R.T. -0.182 min
Lab File: BF132396.D
Acq: 10 Feb 2023 19:54

Tgt Ion:165 Resp: 43236
Ion Ratio Lower Upper
165 100
63 1.1 30.9 46.3#
89 1.7 60.1 90.1#
182 0.0 1.9 2.9#

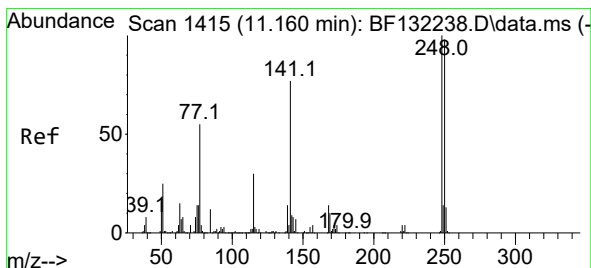
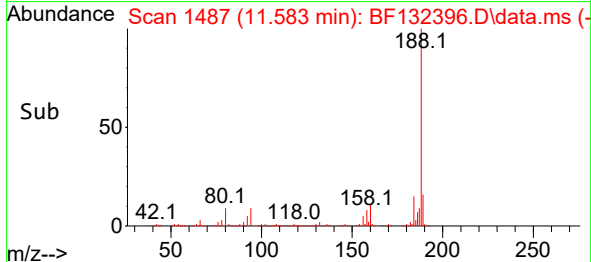
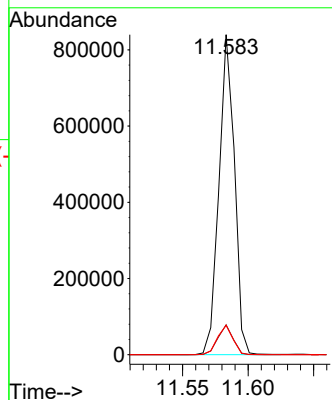
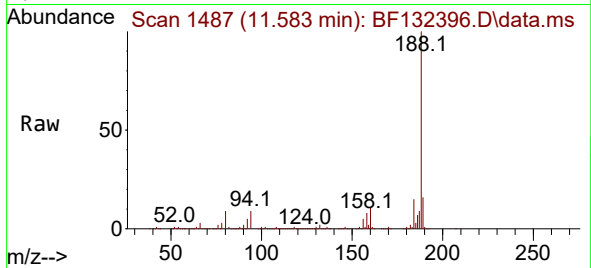




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.583 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132396.D
Acq: 10 Feb 2023 19:54

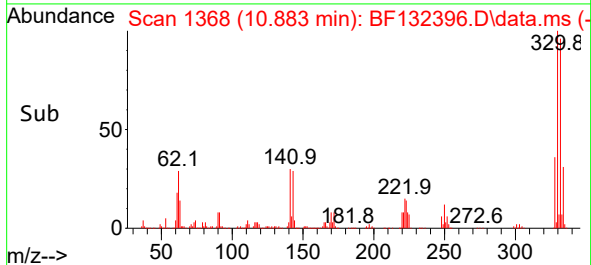
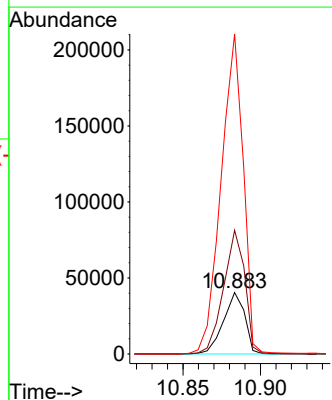
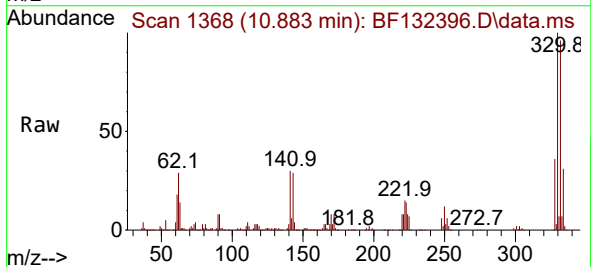
Instrument :
BNA_F
ClientSampleId :
JPP-48-020723

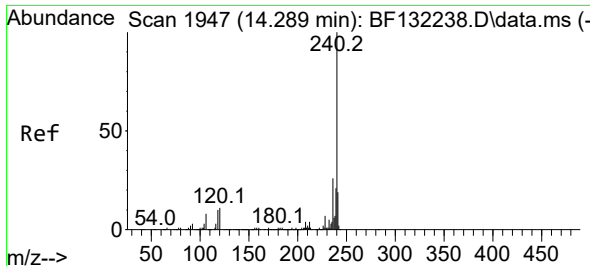
Tgt Ion:188 Resp: 688977
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 9.2 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 5.496 ng
RT: 10.883 min Scan# 1368
Delta R.T. -0.241 min
Lab File: BF132396.D
Acq: 10 Feb 2023 19:54

Tgt Ion:248 Resp: 38777
Ion Ratio Lower Upper
248 100
250 201.2 78.6 117.8#
141 520.6 61.6 92.4#

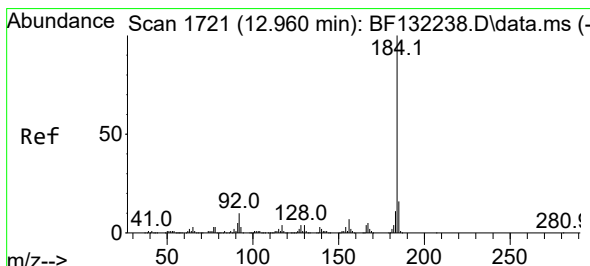
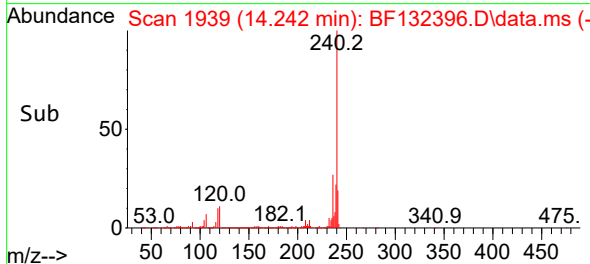
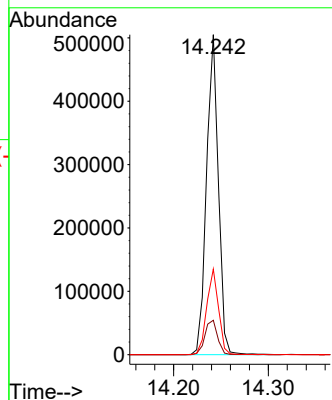
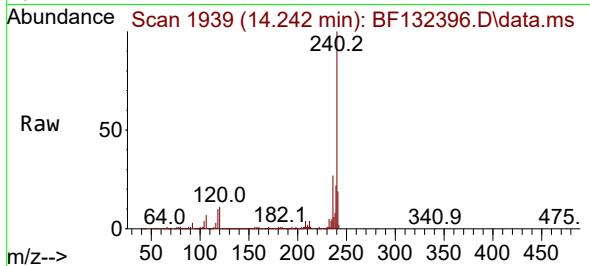




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.242 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF132396.D
Acq: 10 Feb 2023 19:54

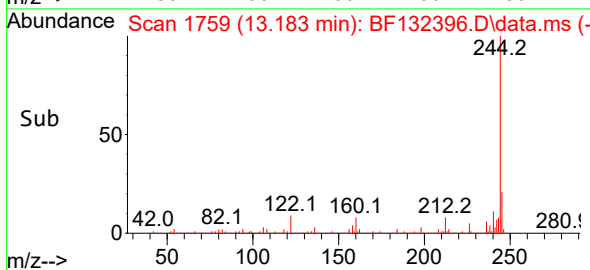
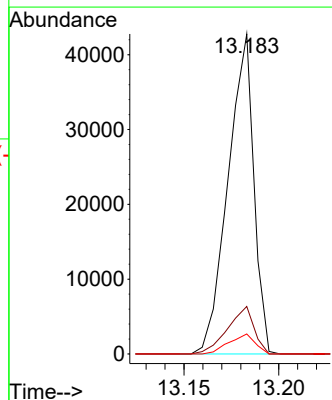
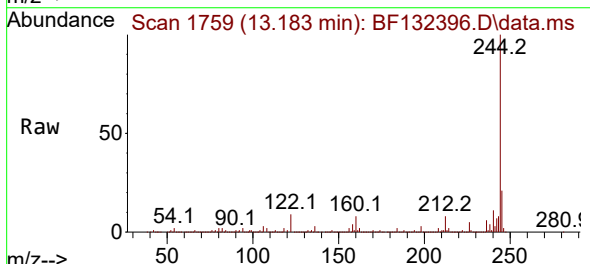
Instrument :
BNA_F
ClientSampleId :
JPP-48-020723

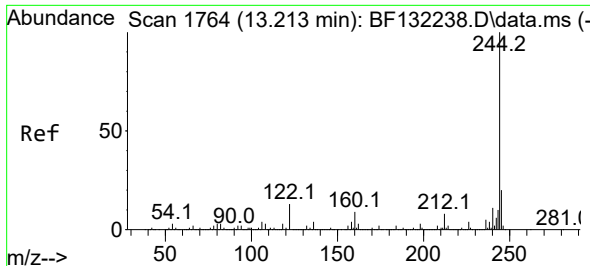
Tgt Ion:240 Resp: 438203
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 26.7 21.0 31.6



#77
Benzidine
Concen: 2.640 ng
RT: 13.183 min Scan# 1759
Delta R.T. 0.253 min
Lab File: BF132396.D
Acq: 10 Feb 2023 19:54

Tgt Ion:184 Resp: 40443
Ion Ratio Lower Upper
184 100
185 14.9 12.6 18.8
183 6.2 8.9 13.3#

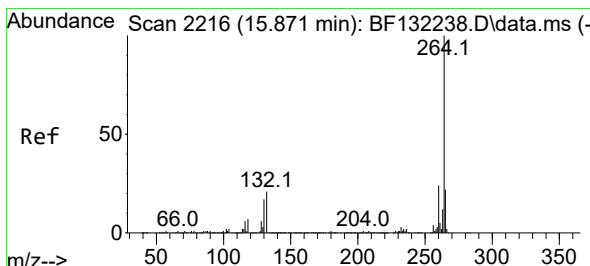
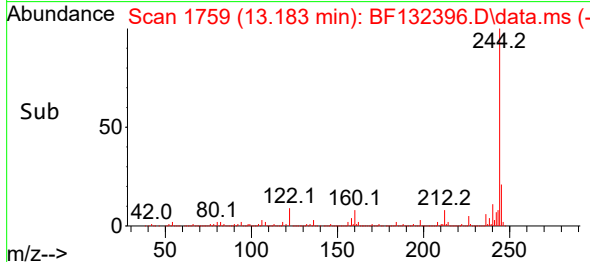
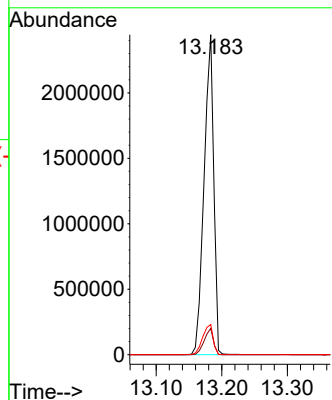
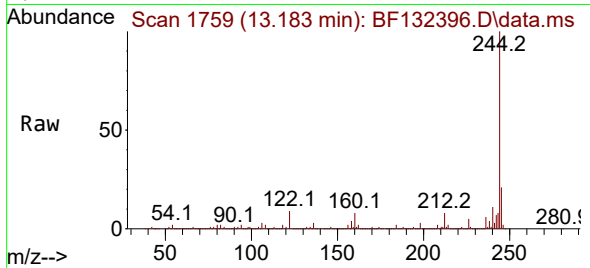




#79
 Terphenyl-d14
 Concen: 110.948 ng
 RT: 13.183 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132396.D
 Acq: 10 Feb 2023 19:54

Instrument :
 BNA_F
 ClientSampleId :
 JPP-48-020723

Tgt Ion:244 Resp: 2513322
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.4 9.6
 122 9.5 10.5 15.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.807 min Scan# 2205
 Delta R.T. -0.012 min
 Lab File: BF132396.D
 Acq: 10 Feb 2023 19:54

Tgt Ion:264 Resp: 95379
 Ion Ratio Lower Upper
 264 100
 260 31.7 19.0 28.4#
 265 20.7 17.4 26.2

