

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021023\
 Data File : BF132400.D
 Acq On : 10 Feb 2023 22:01
 Operator : CG\JU
 Sample : 01510-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-55-020823

Quant Time: Feb 11 00:19:39 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)

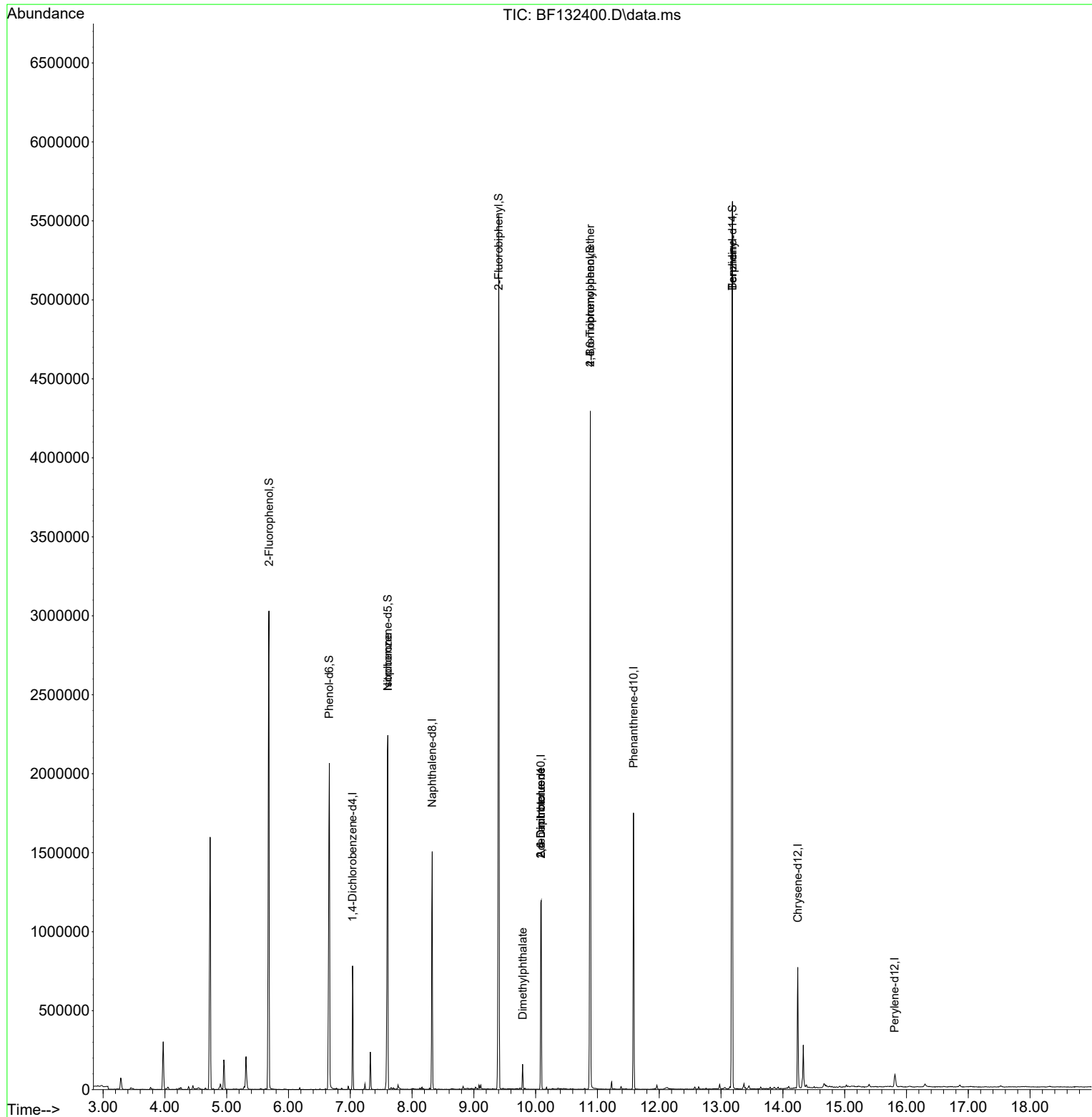
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.037	152	121033	20.000	ng	0.00
21) Naphthalene-d8	8.325	136	658479	20.000	ng	# 0.00
39) Acenaphthene-d10	10.084	164	230355	20.000	ng	-0.01
64) Phenanthrene-d10	11.583	188	554447	20.000	ng	0.00
76) Chrysene-d12	14.242	240	195045	20.000	ng	0.00
86) Perylene-d12	15.807	264	10893	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1122435	149.067	ng	0.03
7) Phenol-d6	6.660	99	851756	91.753	ng	0.00
23) Nitrobenzene-d5	7.607	82	885520	74.834	ng	0.00
42) 2,4,6-Tribromophenol	10.883	330	609830	257.433	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	1873807	125.616	ng	0.00
79) Terphenyl-d14	13.183	244	1997721	198.129	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.607	82	883986	39.359	ng	# 64
50) Dimethylphthalate	9.789	163	57305	3.556	ng	100
51) 2,6-Dinitrotoluene	10.084	165	29797	8.280	ng	# 25
57) 2,4-Dinitrotoluene	10.084	165	29797	6.374	ng	# 24
67) 4-Bromophenyl-phenylether	10.883	248	33827	5.958	ng	# 1
77) Benzidine	13.183	184	33326	4.887	ng	# 94

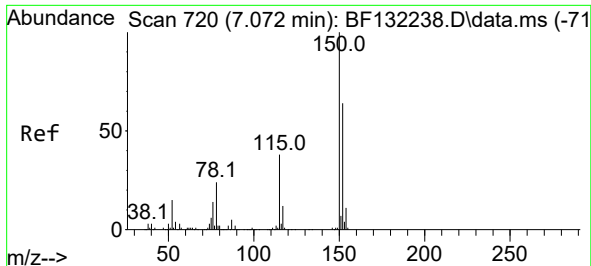
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

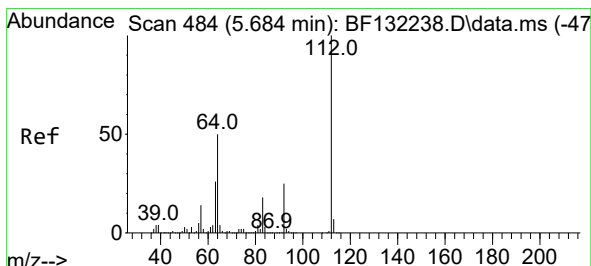
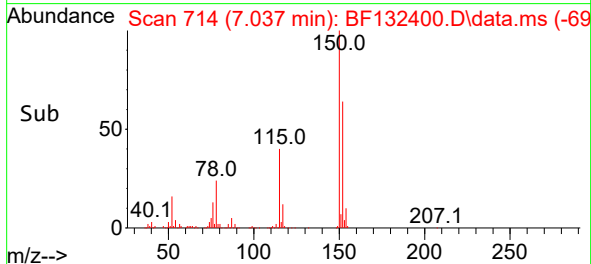
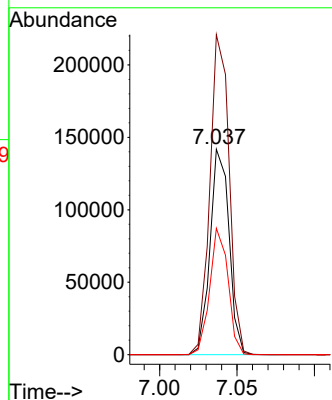
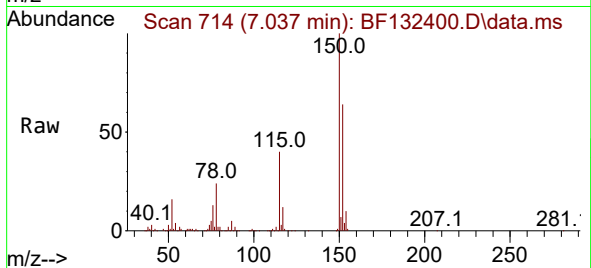




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.037 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132400.D
Acq: 10 Feb 2023 22:01

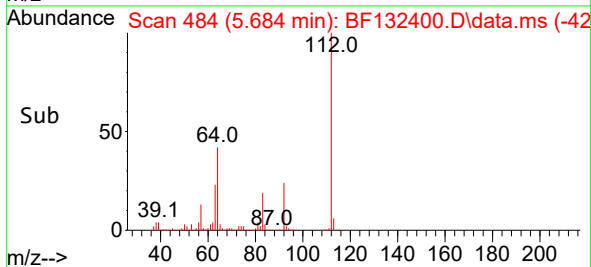
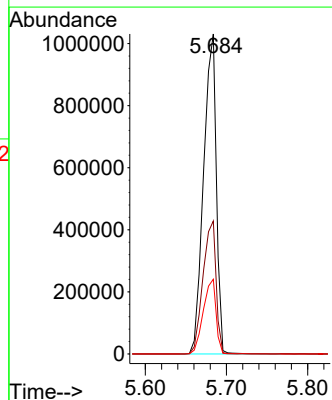
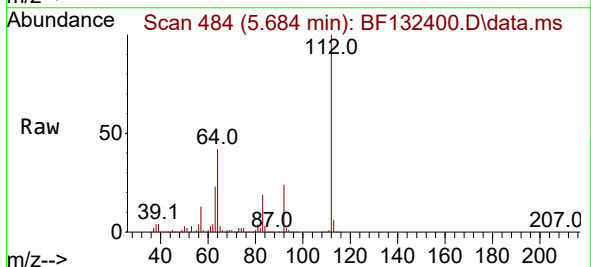
Instrument :
BNA_F
ClientSampleId :
JPP-55-020823

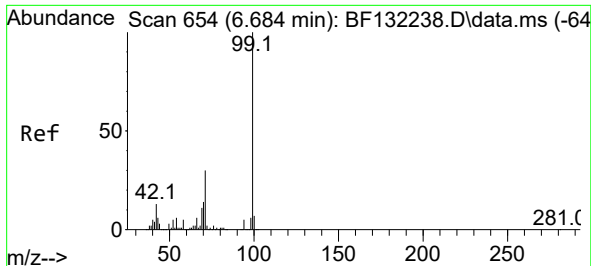
Tgt Ion:152 Resp: 121033
Ion Ratio Lower Upper
152 100
150 155.7 124.2 186.2
115 61.5 47.3 70.9



#5
2-Fluorophenol
Concen: 149.067 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.029 min
Lab File: BF132400.D
Acq: 10 Feb 2023 22:01

Tgt Ion:112 Resp: 1122435
Ion Ratio Lower Upper
112 100
64 41.6 40.0 60.0
63 23.3 20.5 30.7

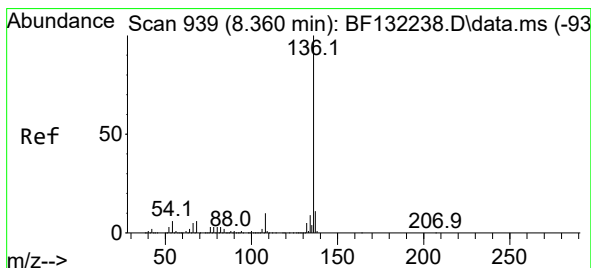
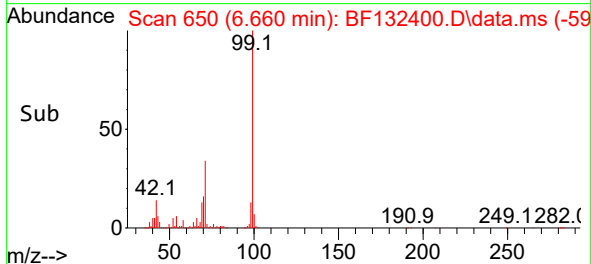
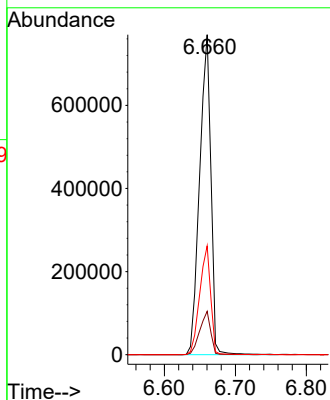
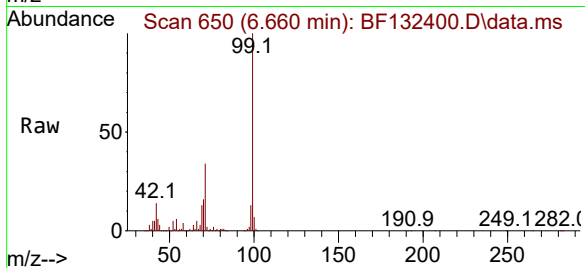




#7
Phenol-d6
Concen: 91.753 ng
RT: 6.660 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132400.D
Acq: 10 Feb 2023 22:01

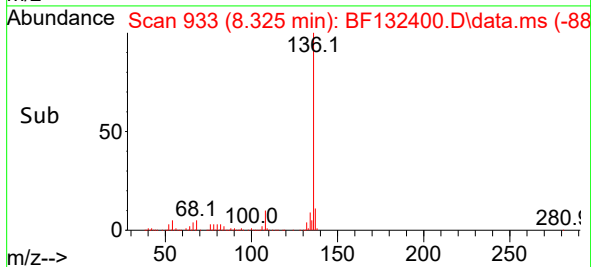
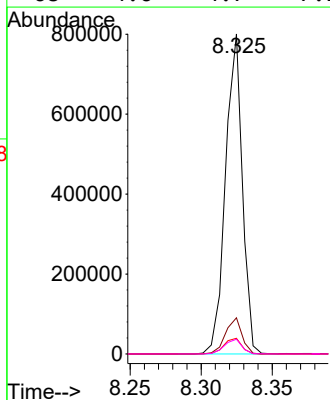
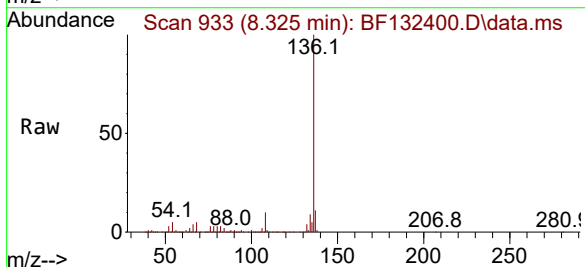
Instrument :
BNA_F
ClientSampleId :
JPP-55-020823

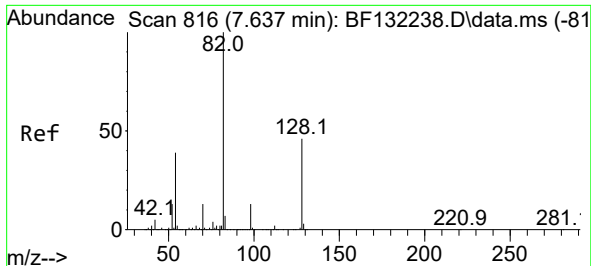
Tgt Ion: 99 Resp: 851756
Ion Ratio Lower Upper
99 100
42 13.6 10.1 15.1
71 34.0 24.2 36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.325 min Scan# 933
Delta R.T. -0.000 min
Lab File: BF132400.D
Acq: 10 Feb 2023 22:01

Tgt Ion: 136 Resp: 658479
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 4.9 4.9 7.3
68 4.6 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 74.834 ng

RT: 7.607 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF132400.D

Acq: 10 Feb 2023 22:01

Instrument :

BNA_F

ClientSampleId :

JPP-55-020823

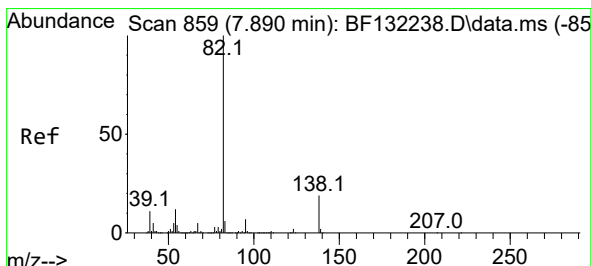
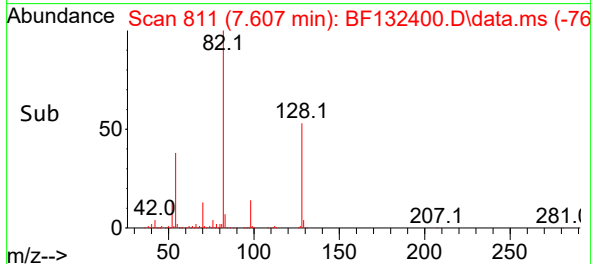
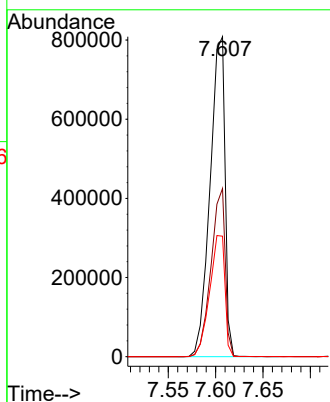
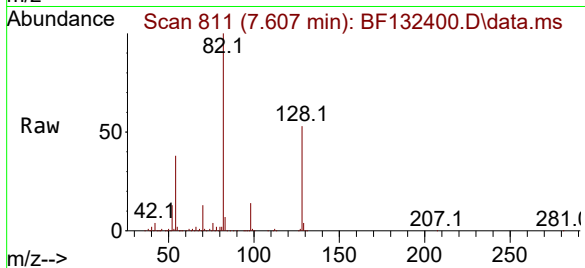
Tgt Ion: 82 Resp: 885520

Ion Ratio Lower Upper

82 100

128 52.6 37.0 55.4

54 37.6 31.5 47.3



#25

Isophorone

Concen: 39.359 ng

RT: 7.607 min Scan# 811

Delta R.T. -0.253 min

Lab File: BF132400.D

Acq: 10 Feb 2023 22:01

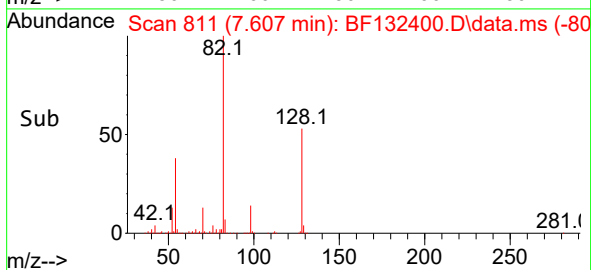
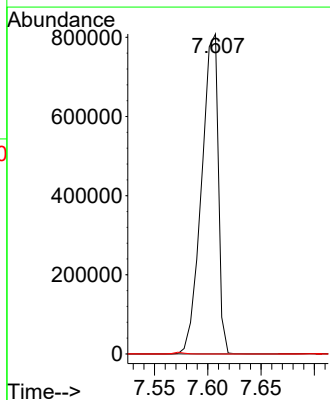
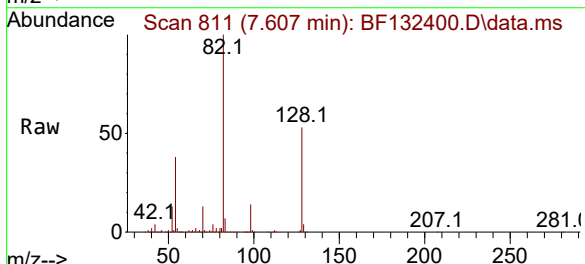
Tgt Ion: 82 Resp: 883986

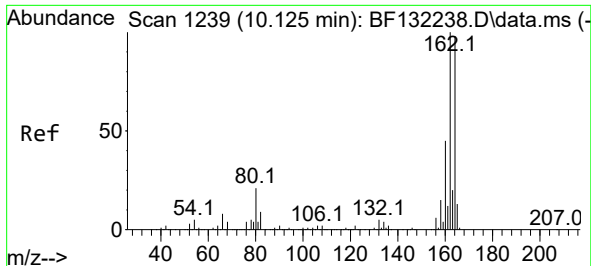
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 15.0 22.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.084 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF132400.D

Acq: 10 Feb 2023 22:01

Instrument :

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JPP-55-020823

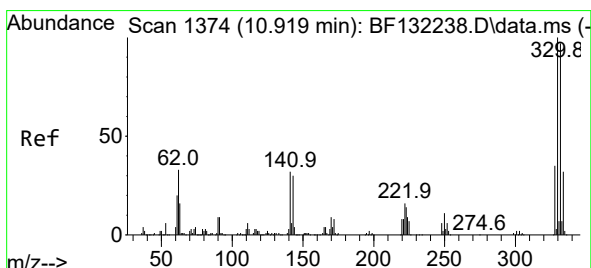
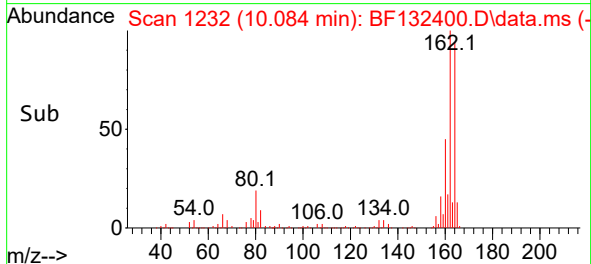
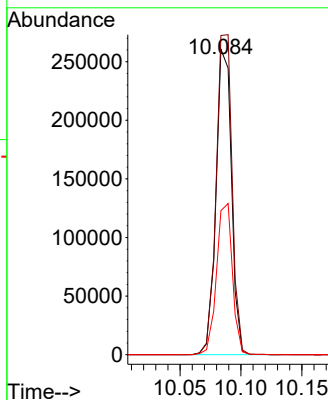
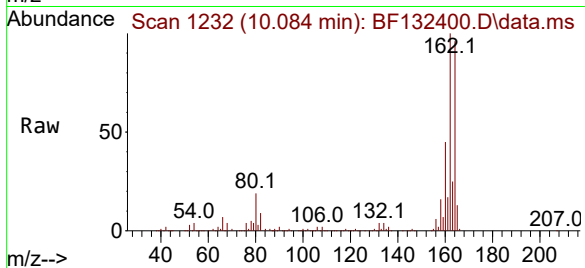
Tgt Ion:164 Resp: 230355

Ion Ratio Lower Upper

164 100

162 104.5 82.0 123.0

160 47.2 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 257.433 ng

RT: 10.883 min Scan# 1368

Delta R.T. 0.000 min

Lab File: BF132400.D

Acq: 10 Feb 2023 22:01

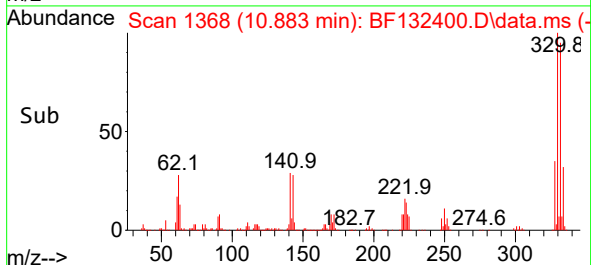
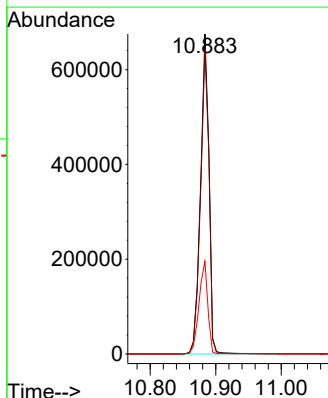
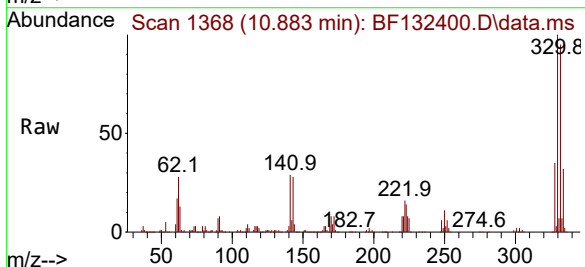
Tgt Ion:330 Resp: 609830

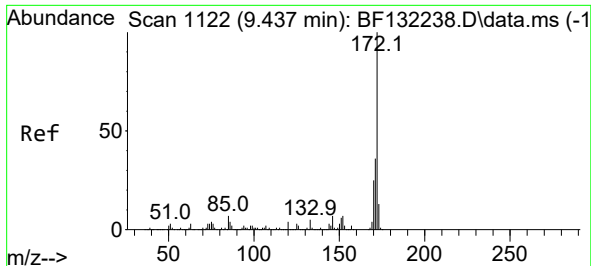
Ion Ratio Lower Upper

330 100

332 95.6 77.9 116.9

141 30.1 31.0 46.4#

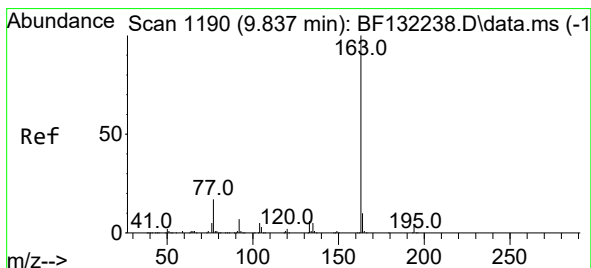
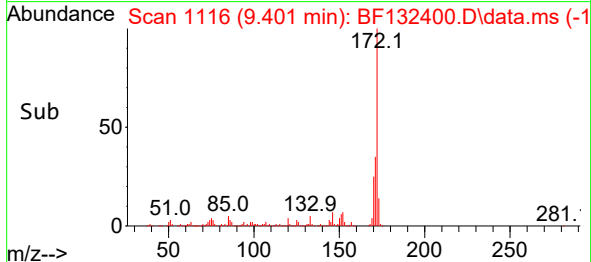
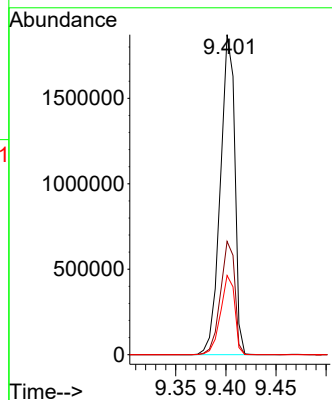
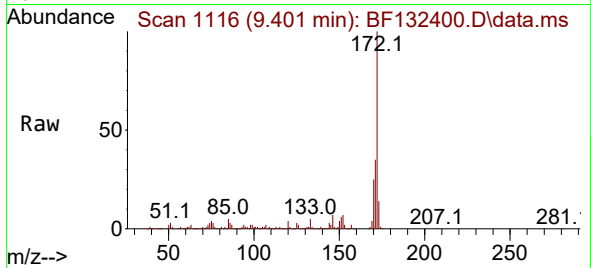




#45
2-Fluorobiphenyl
Concen: 125.616 ng
RT: 9.401 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF132400.D
Acq: 10 Feb 2023 22:01

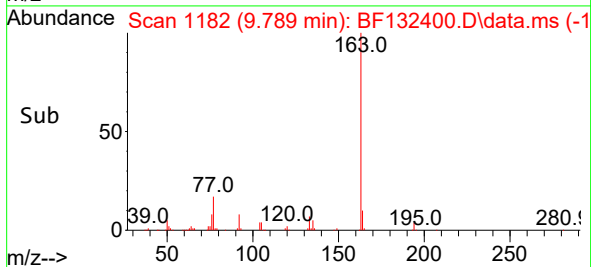
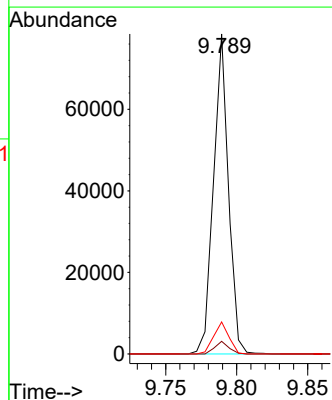
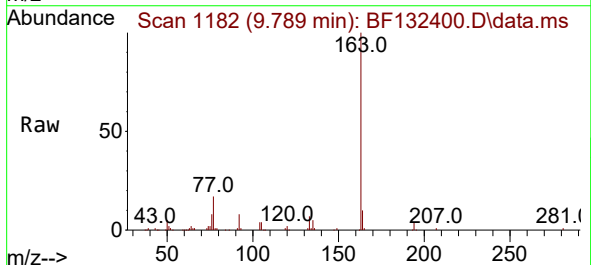
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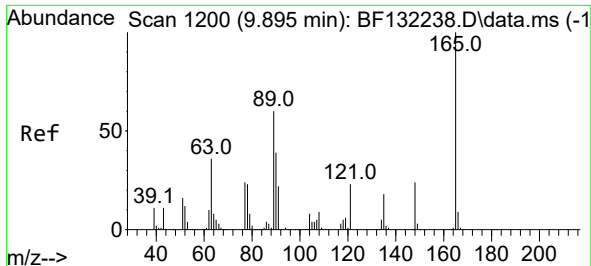
Tgt Ion:172 Resp: 1873807
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.8 19.7 29.5



#50
Dimethylphthalate
Concen: 3.556 ng
RT: 9.789 min Scan# 1182
Delta R.T. -0.018 min
Lab File: BF132400.D
Acq: 10 Feb 2023 22:01

Tgt Ion:163 Resp: 57305
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.0 7.9 11.9

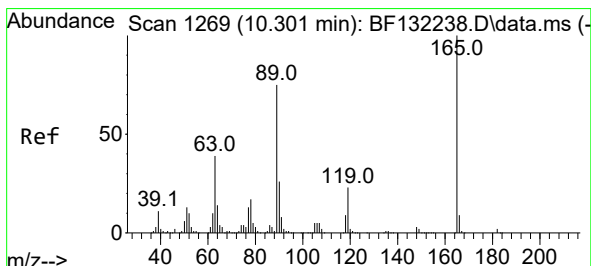
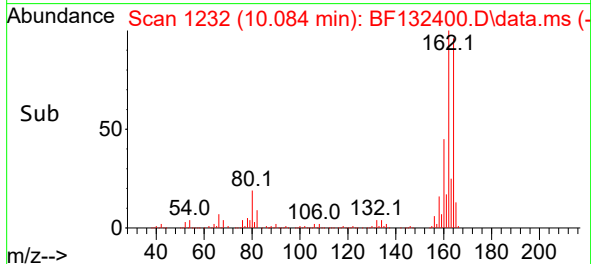
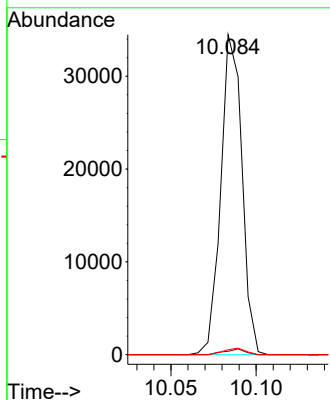
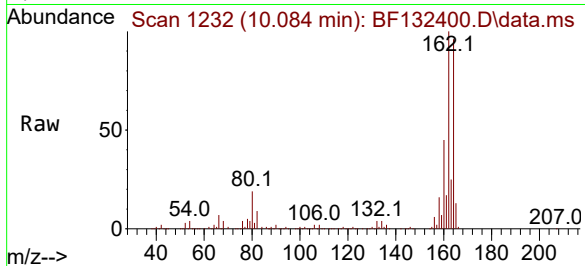




#51
2,6-Dinitrotoluene
Concen: 8.280 ng
RT: 10.084 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF132400.D
Acq: 10 Feb 2023 22:01

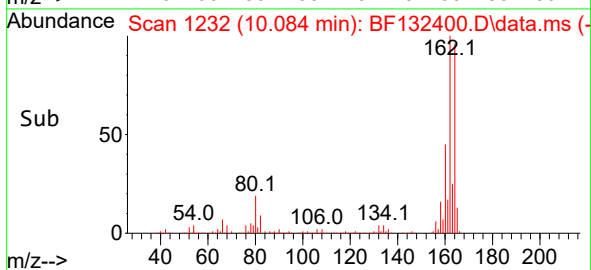
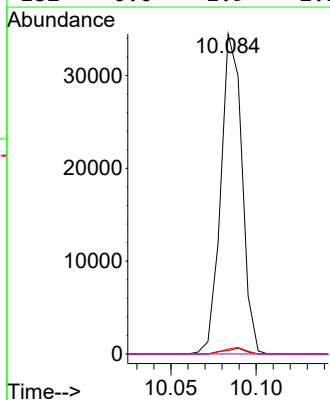
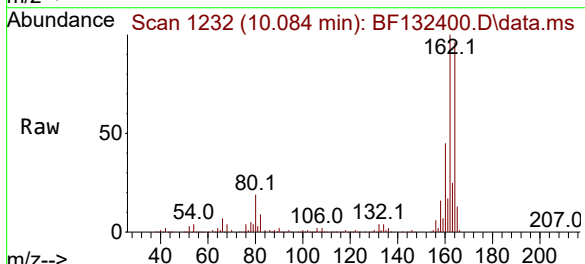
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JPP-55-020823

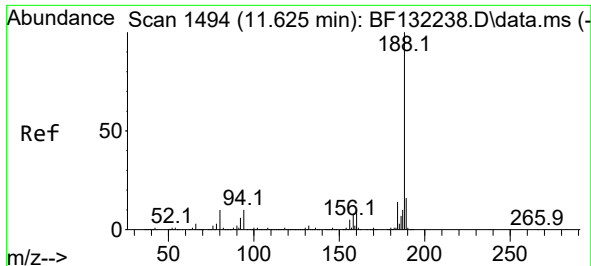
Tgt Ion:165 Resp: 29797
Ion Ratio Lower Upper
165 100
63 1.1 41.5 62.3#
89 1.6 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.374 ng
RT: 10.084 min Scan# 1232
Delta R.T. -0.188 min
Lab File: BF132400.D
Acq: 10 Feb 2023 22:01

Tgt Ion:165 Resp: 29797
Ion Ratio Lower Upper
165 100
63 1.1 30.9 46.3#
89 1.6 60.1 90.1#
182 0.0 1.9 2.9#

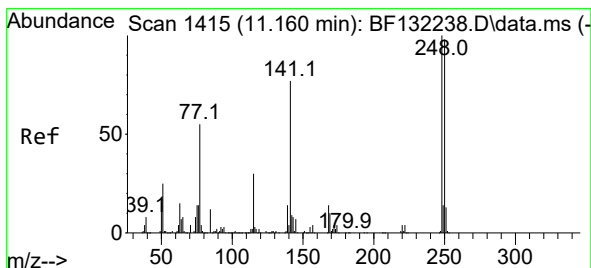
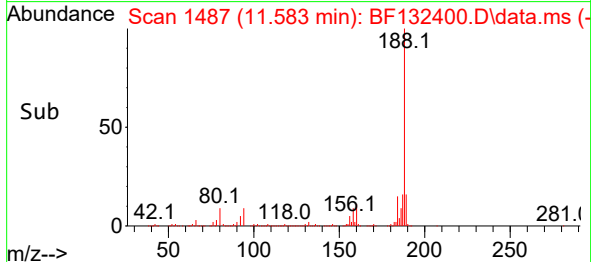
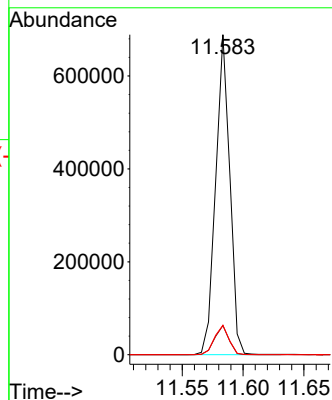
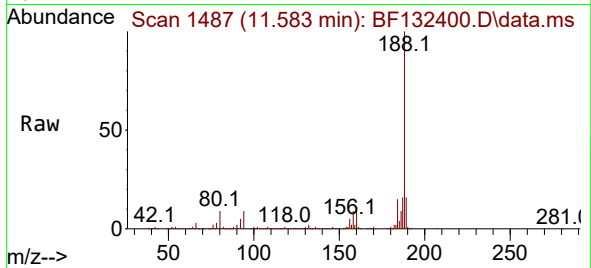




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.583 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132400.D
Acq: 10 Feb 2023 22:01

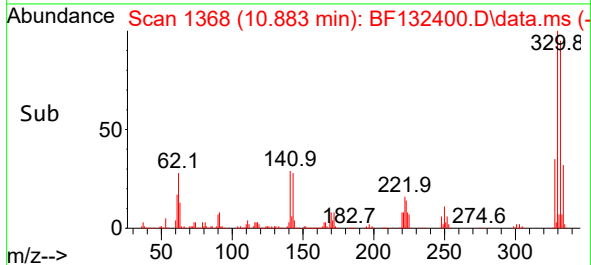
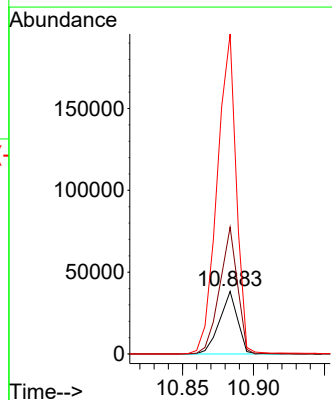
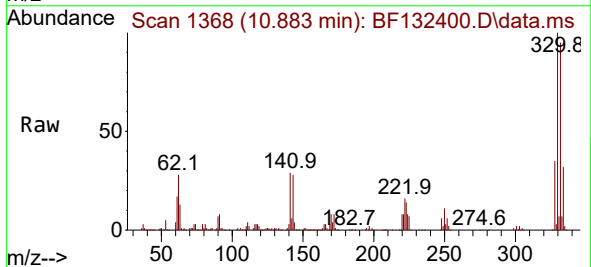
Instrument :
BNA_F
ClientSampleId :
JPP-55-020823

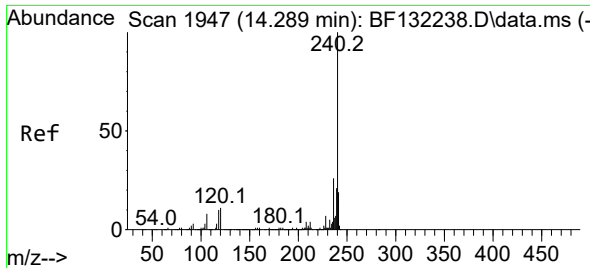
Tgt Ion:188 Resp: 554447
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 9.2 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 5.958 ng
RT: 10.883 min Scan# 1368
Delta R.T. -0.241 min
Lab File: BF132400.D
Acq: 10 Feb 2023 22:01

Tgt Ion:248 Resp: 33827
Ion Ratio Lower Upper
248 100
250 202.8 78.6 117.8#
141 511.5 61.6 92.4#

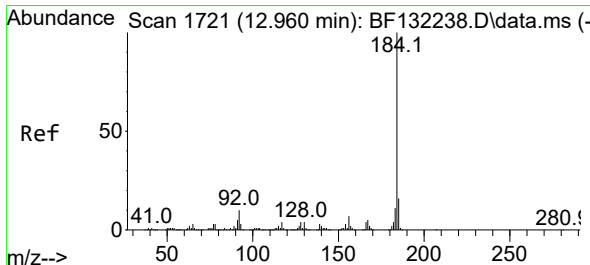
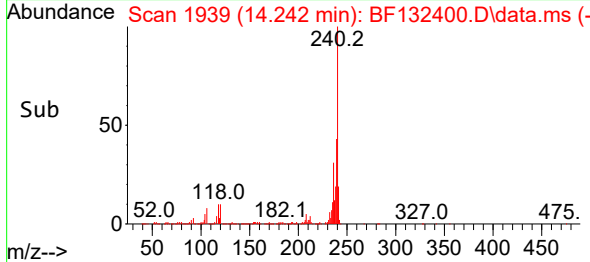
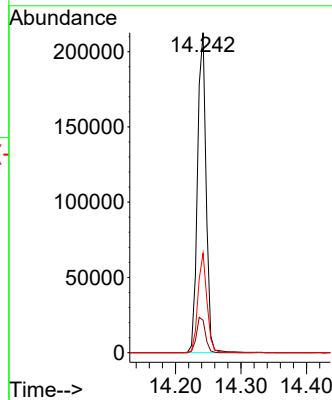
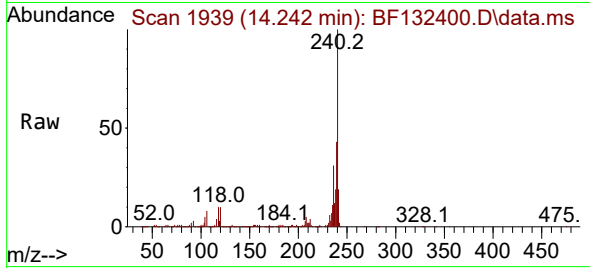




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.242 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF132400.D
Acq: 10 Feb 2023 22:01

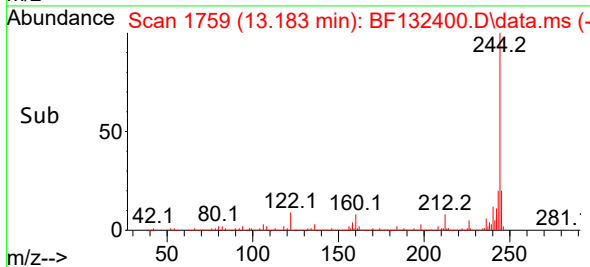
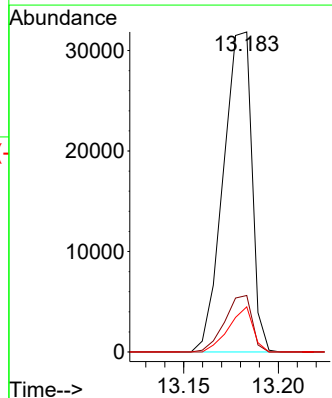
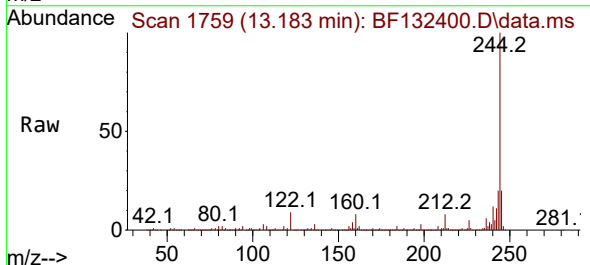
Instrument :
BNA_F
ClientSampleId :
JPP-55-020823

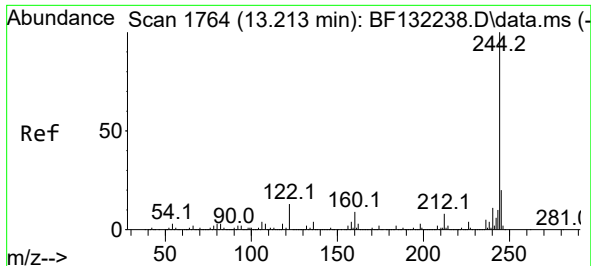
Tgt Ion:240 Resp: 195045
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 31.1 21.0 31.6



#77
Benzidine
Concen: 4.887 ng
RT: 13.183 min Scan# 1759
Delta R.T. 0.253 min
Lab File: BF132400.D
Acq: 10 Feb 2023 22:01

Tgt Ion:184 Resp: 33326
Ion Ratio Lower Upper
184 100
185 17.6 12.6 18.8
183 14.1 8.9 13.3#

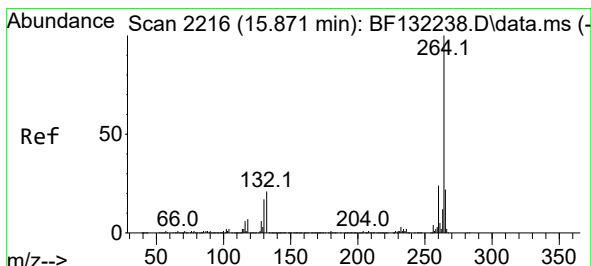
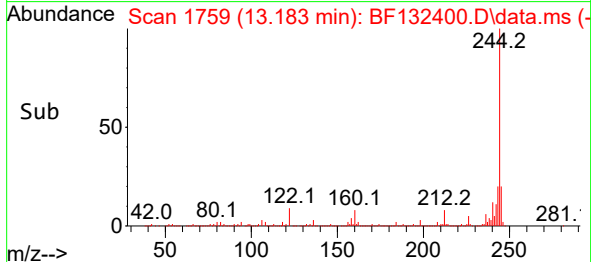
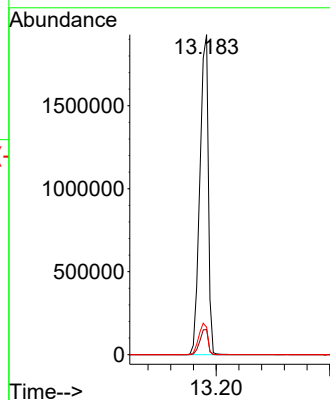
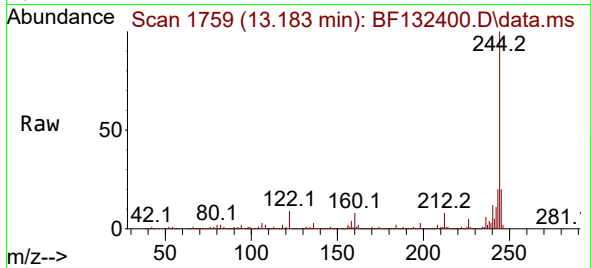




#79
 Terphenyl-d14
 Concen: 198.129 ng
 RT: 13.183 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132400.D
 Acq: 10 Feb 2023 22:01

Instrument :
 BNA_F
 ClientSampleId :
 JPP-55-020823

Tgt Ion:244 Resp: 1997721
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 8.6 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: BF132400.D
 Acq: 10 Feb 2023 22:01

Tgt Ion:264 Resp: 10893
 Ion Ratio Lower Upper
 264 100
 260 47.3 19.0 28.4#
 265 19.8 17.4 26.2

