

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021023\
 Data File : BF132401.D
 Acq On : 10 Feb 2023 22:34
 Operator : CG\JU
 Sample : 01510-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-59-020823

Quant Time: Feb 11 00:19:52 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)

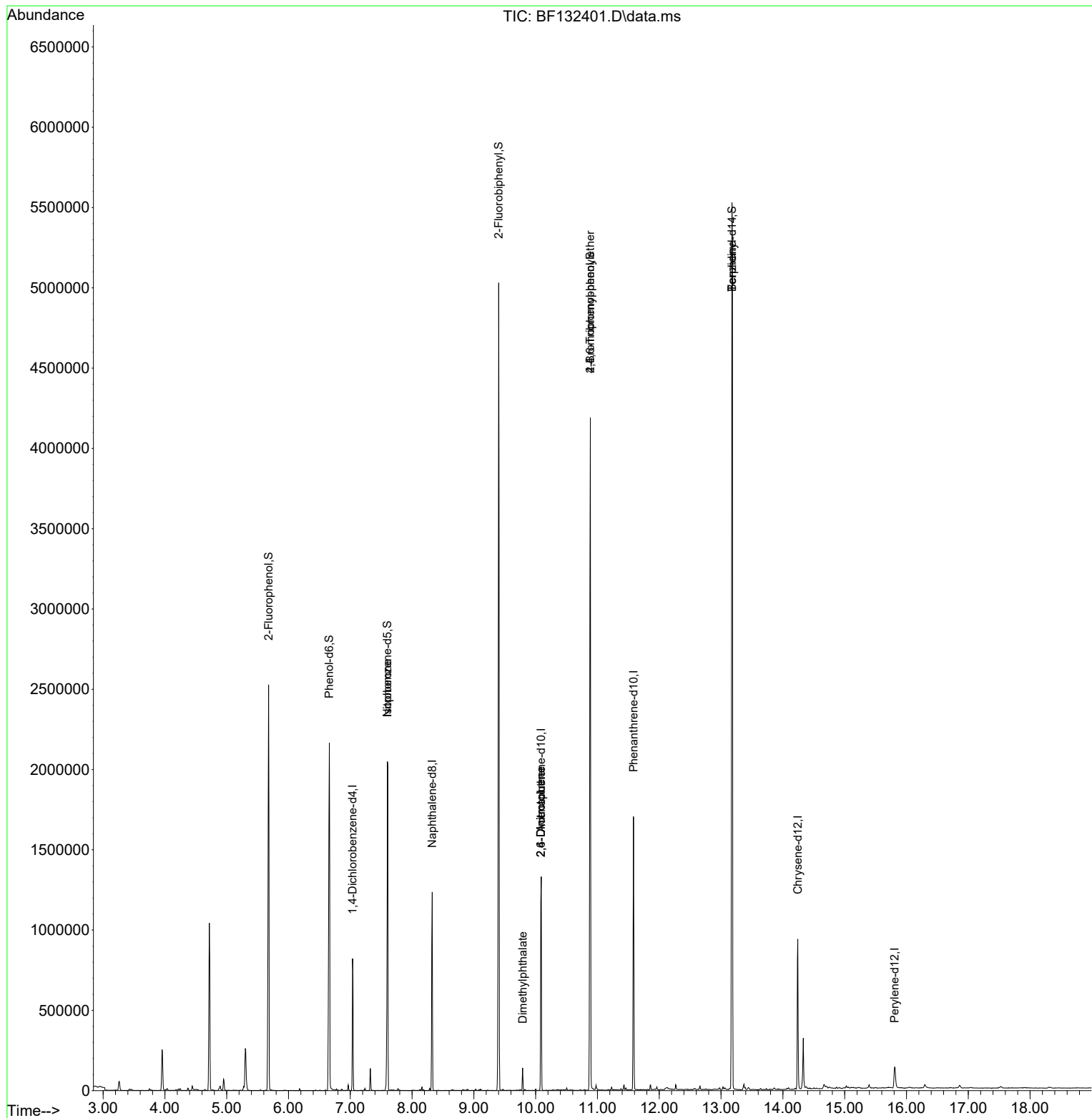
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.037	152	135166	20.000	ng	0.00
21) Naphthalene-d8	8.325	136	535656	20.000	ng	# 0.00
39) Acenaphthene-d10	10.089	164	252374	20.000	ng	0.00
64) Phenanthrene-d10	11.583	188	562850	20.000	ng	0.00
76) Chrysene-d12	14.242	240	276935	20.000	ng	0.00
86) Perylene-d12	15.807	264	31575	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	889116	105.734	ng	0.02
7) Phenol-d6	6.660	99	943094	90.970	ng	0.00
23) Nitrobenzene-d5	7.601	82	783456	81.390	ng	0.00
42) 2,4,6-Tribromophenol	10.883	330	582964	224.621	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	1594247	97.550	ng	0.00
79) Terphenyl-d14	13.177	244	2146053	149.903	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.596	77	54	Below Cal	#	27
25) Isophorone	7.601	82	781887	42.796	ng	# 64
50) Dimethylphthalate	9.789	163	48897	2.770	ng	99
51) 2,6-Dinitrotoluene	10.084	165	32819	8.324	ng	# 25
57) 2,4-Dinitrotoluene	10.084	165	32819	6.408	ng	# 24
67) 4-Bromophenyl-phenylether	10.883	248	31798	5.517	ng	# 1
77) Benizidine	13.177	184	34818	3.596	ng	# 95

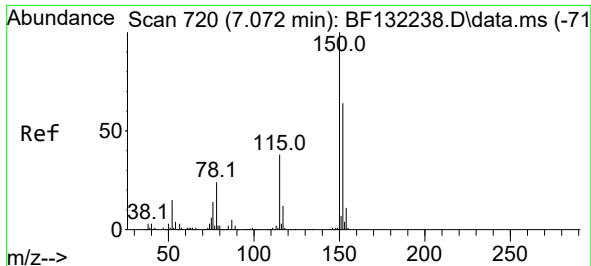
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021023\
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Quant Time: Feb 11 00:19:52 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

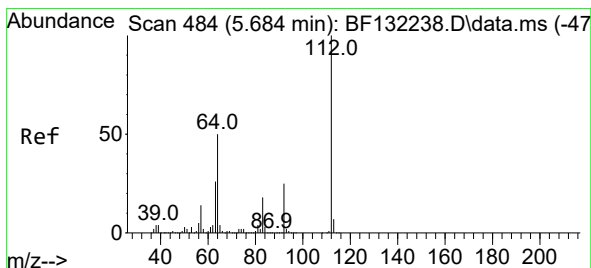
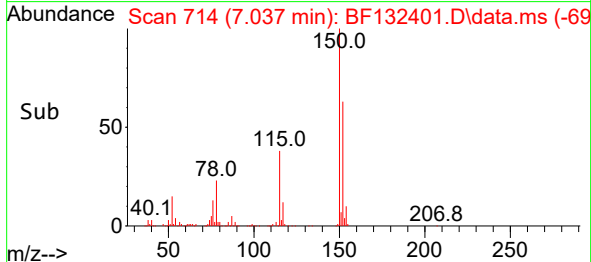
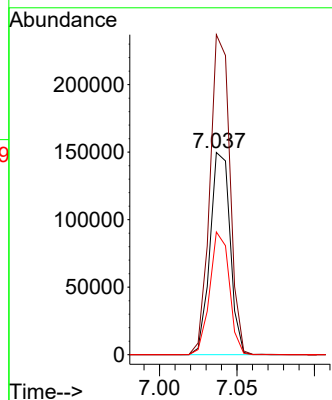
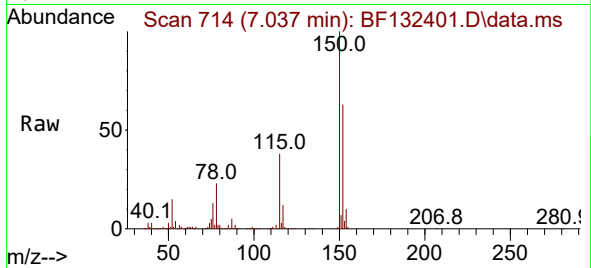




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.037 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132401.D
 Acq: 10 Feb 2023 22:34

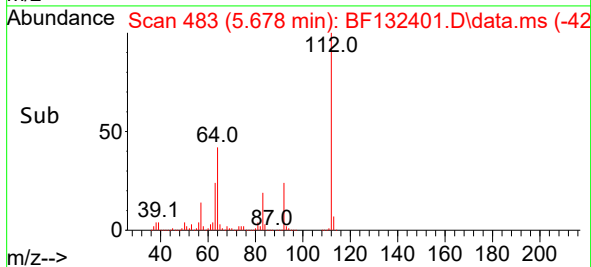
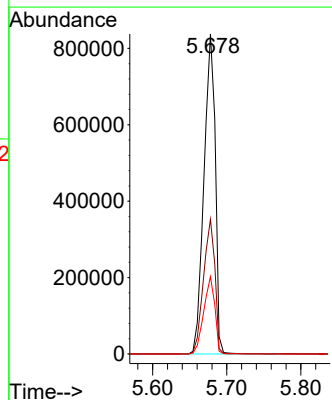
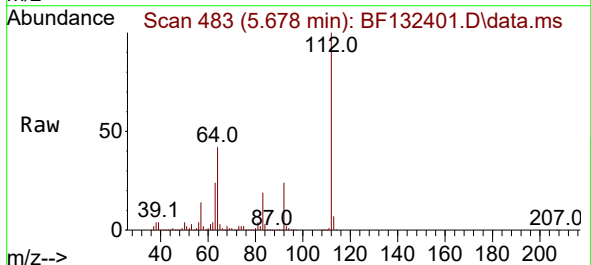
Instrument :
 BNA_F
 ClientSampleId :
 JPP-59-020823

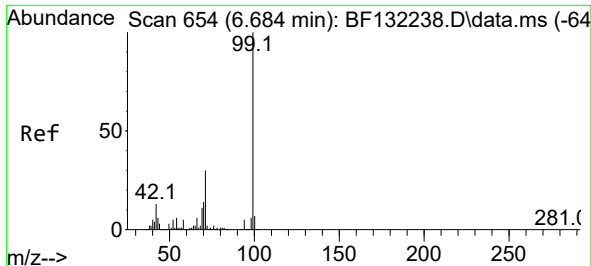
Tgt Ion:152 Resp: 135166
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.2 186.2
 115 60.7 47.3 70.9



#5
 2-Fluorophenol
 Concen: 105.734 ng
 RT: 5.678 min Scan# 483
 Delta R.T. 0.024 min
 Lab File: BF132401.D
 Acq: 10 Feb 2023 22:34

Tgt Ion:112 Resp: 889116
 Ion Ratio Lower Upper
 112 100
 64 42.1 40.0 60.0
 63 24.2 20.5 30.7

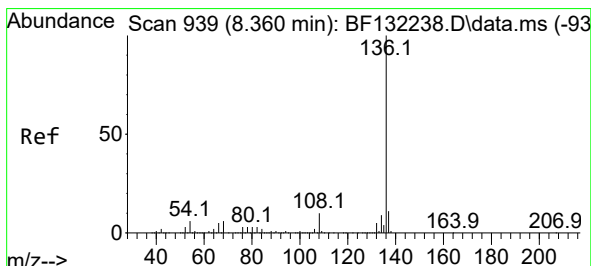
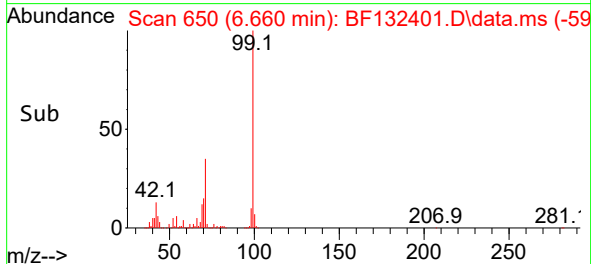
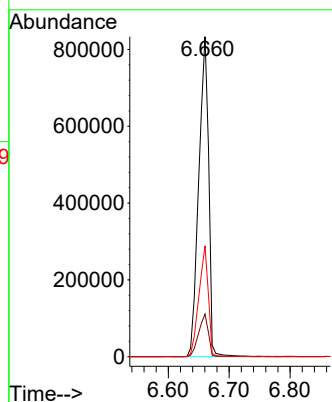
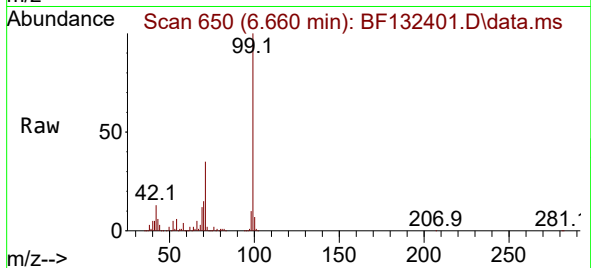




#7
Phenol-d6
Concen: 90.970 ng
RT: 6.660 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132401.D
Acq: 10 Feb 2023 22:34

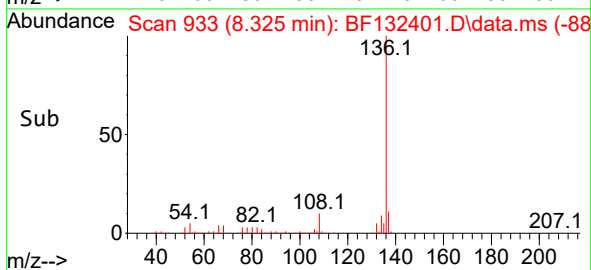
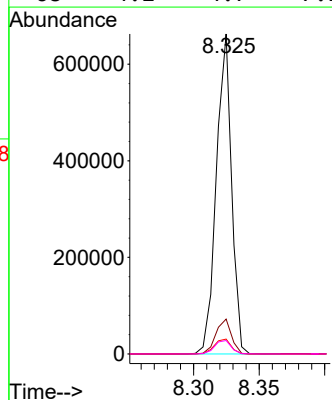
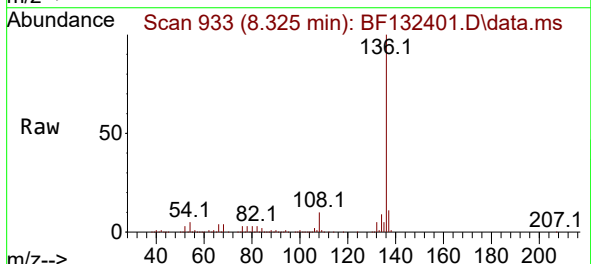
Instrument :
BNA_F
ClientSampleId :
JPP-59-020823

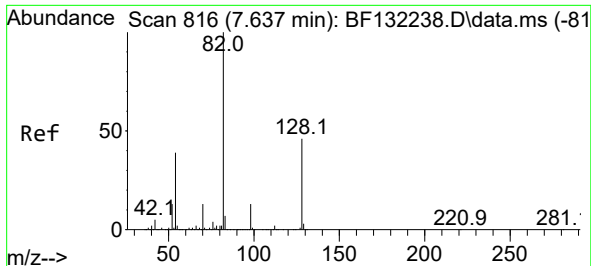
Tgt Ion: 99 Resp: 943094
Ion Ratio Lower Upper
99 100
42 13.3 10.1 15.1
71 34.6 24.2 36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.325 min Scan# 933
Delta R.T. 0.000 min
Lab File: BF132401.D
Acq: 10 Feb 2023 22:34

Tgt Ion: 136 Resp: 535656
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 4.7 4.9 7.3#
68 4.2 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 81.390 ng

RT: 7.601 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132401.D

Acq: 10 Feb 2023 22:34

Instrument :

BNA_F

ClientSampleId :

JPP-59-020823

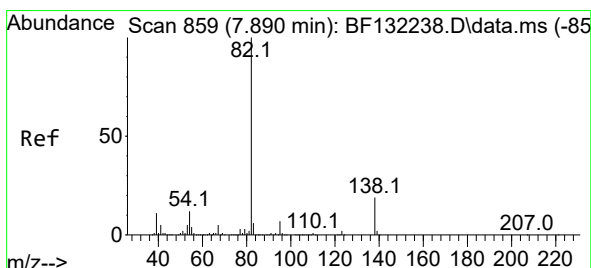
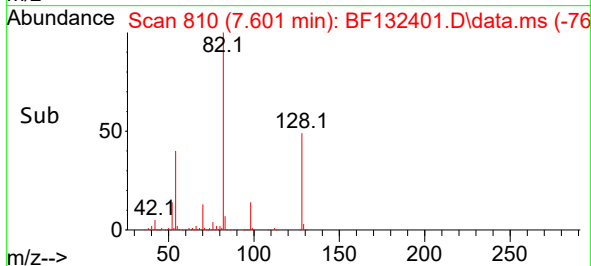
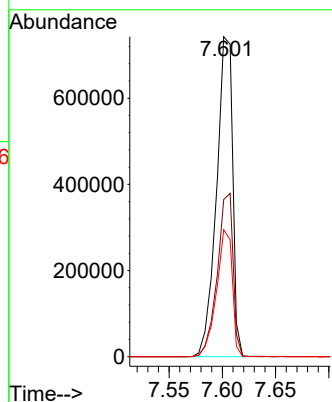
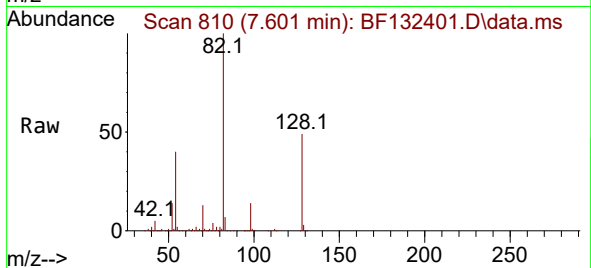
Tgt Ion: 82 Resp: 783456

Ion Ratio Lower Upper

82 100

128 49.1 37.0 55.4

54 39.7 31.5 47.3



#25

Isophorone

Concen: 42.796 ng

RT: 7.601 min Scan# 810

Delta R.T. -0.259 min

Lab File: BF132401.D

Acq: 10 Feb 2023 22:34

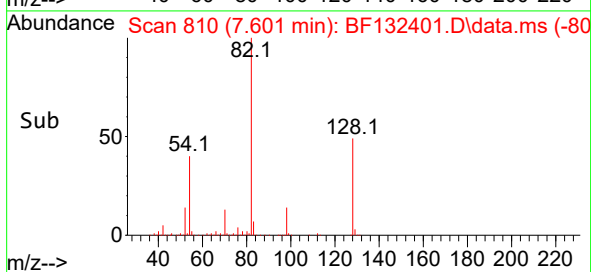
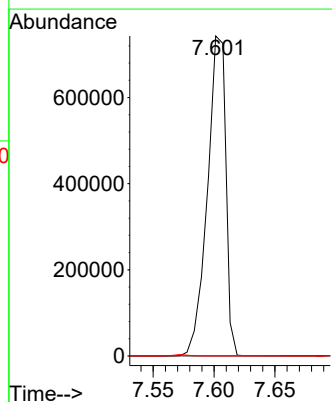
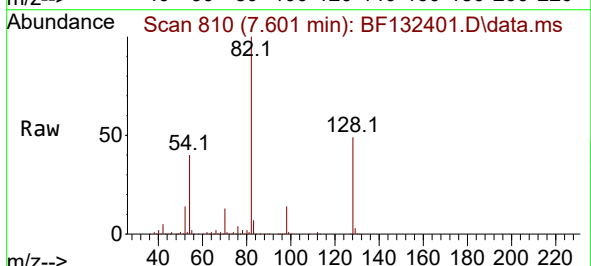
Tgt Ion: 82 Resp: 781887

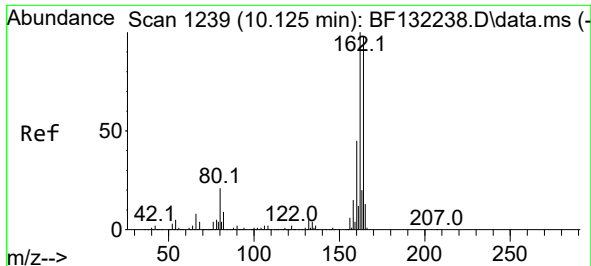
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 15.0 22.6#

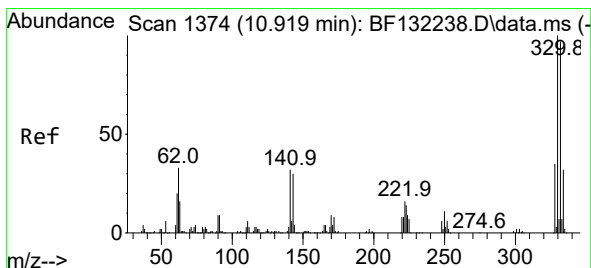
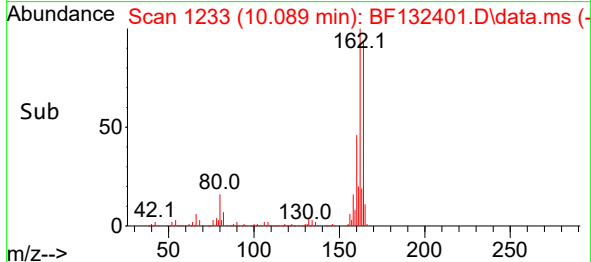
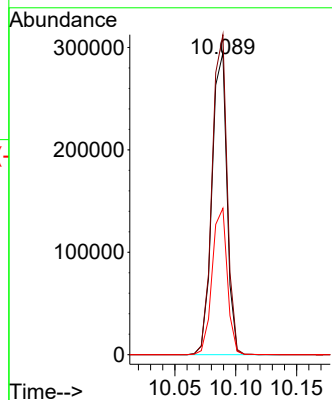
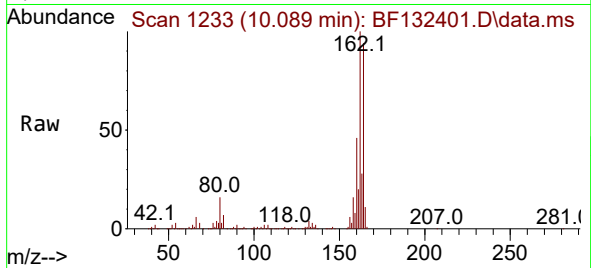




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.089 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF132401.D
Acq: 10 Feb 2023 22:34

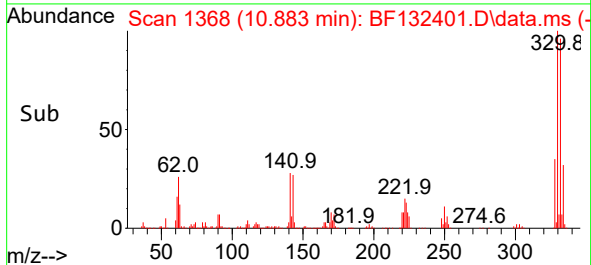
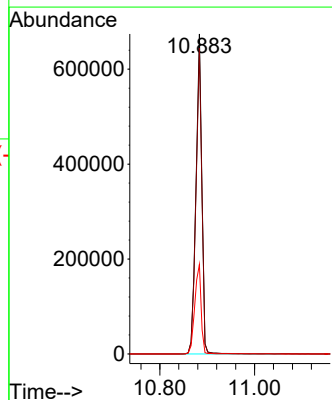
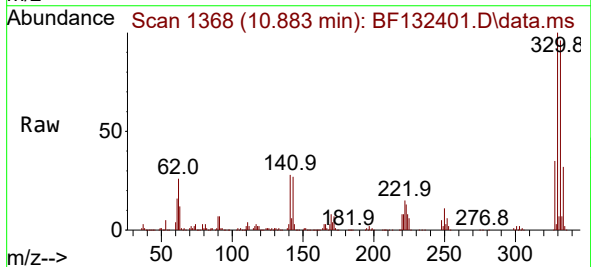
Instrument :
BNA_F
ClientSampleId :
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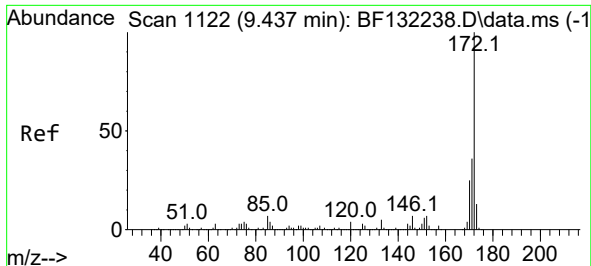
Tgt Ion:164 Resp: 252374
Ion Ratio Lower Upper
164 100
162 106.1 82.0 123.0
160 48.5 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 224.621 ng
RT: 10.883 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF132401.D
Acq: 10 Feb 2023 22:34

Tgt Ion:330 Resp: 582964
Ion Ratio Lower Upper
330 100
332 96.0 77.9 116.9
141 30.2 31.0 46.4#

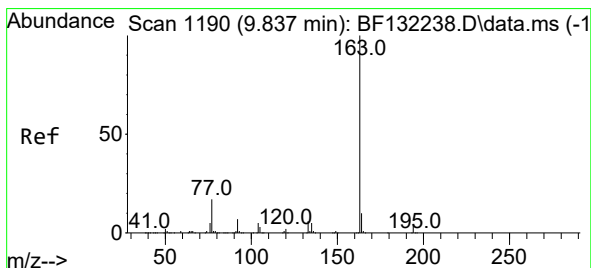
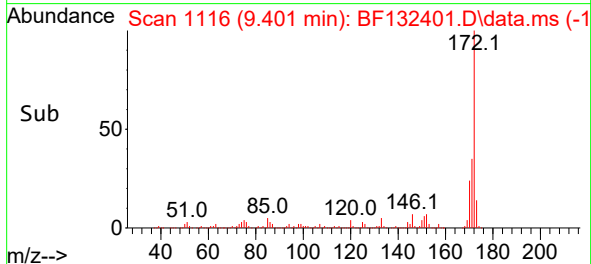
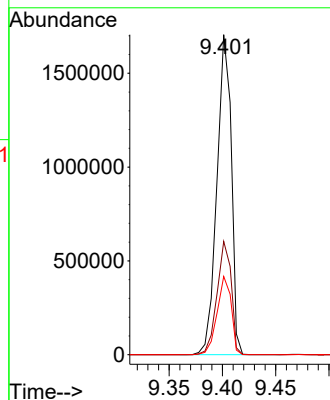
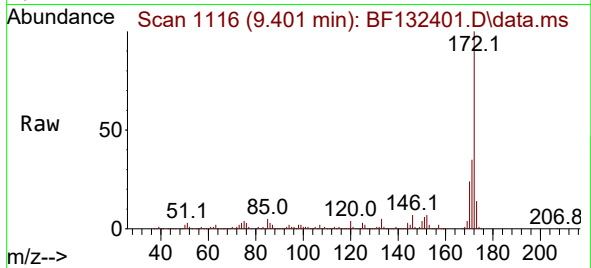




#45
2-Fluorobiphenyl
Concen: 97.550 ng
RT: 9.401 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF132401.D
Acq: 10 Feb 2023 22:34

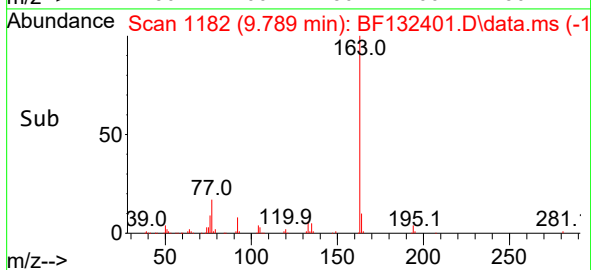
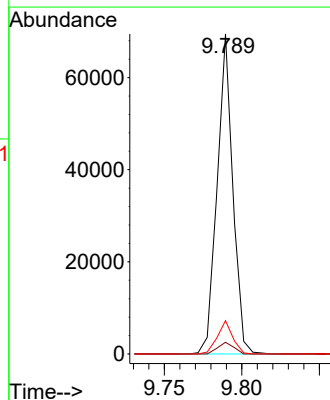
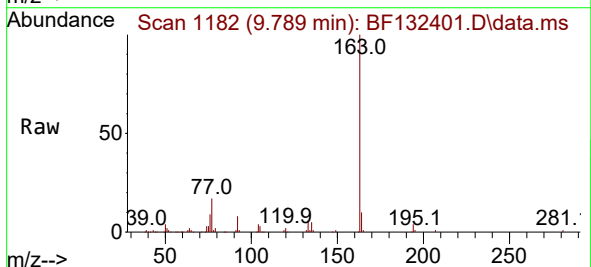
Instrument :
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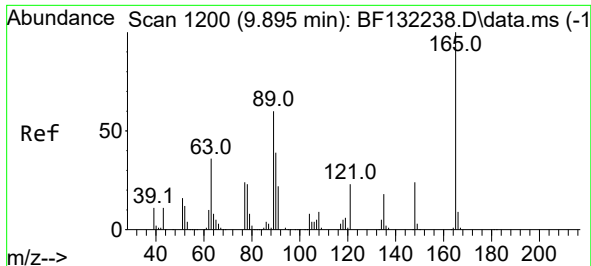
Tgt Ion:172 Resp: 1594247
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.5 19.7 29.5



#50
Dimethylphthalate
Concen: 2.770 ng
RT: 9.789 min Scan# 1182
Delta R.T. -0.018 min
Lab File: BF132401.D
Acq: 10 Feb 2023 22:34

Tgt Ion:163 Resp: 48897
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.4 7.9 11.9

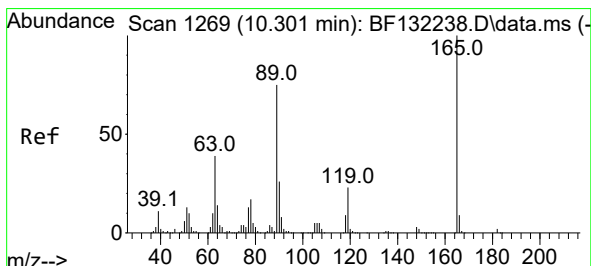
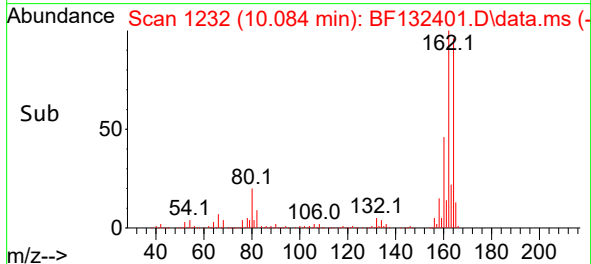
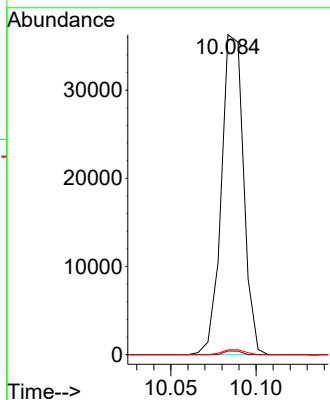
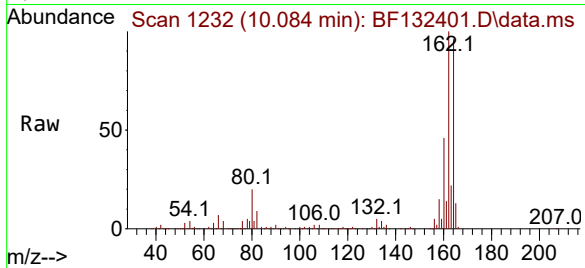




#51
2,6-Dinitrotoluene
Concen: 8.324 ng
RT: 10.084 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF132401.D
Acq: 10 Feb 2023 22:34

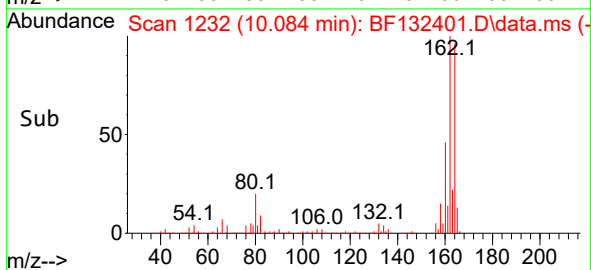
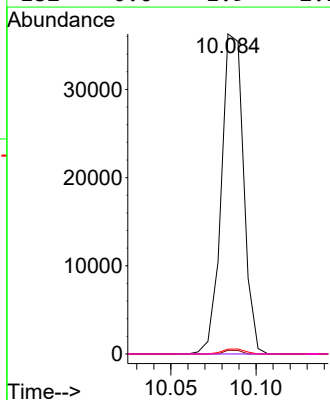
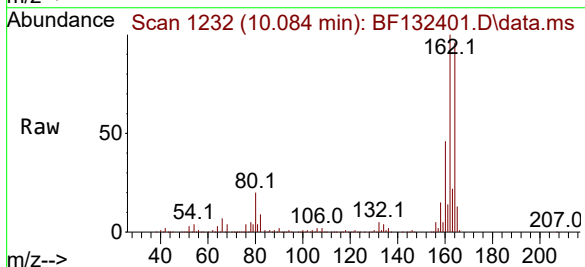
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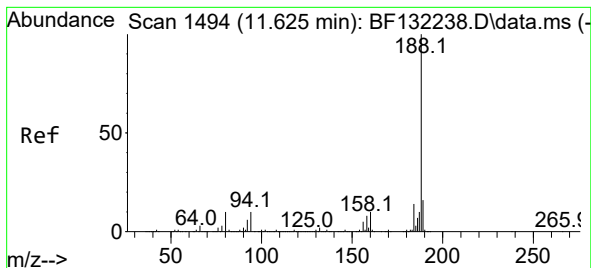
Tgt Ion:165 Resp: 32819
Ion Ratio Lower Upper
165 100
63 1.2 41.5 62.3#
89 1.5 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.408 ng
RT: 10.084 min Scan# 1232
Delta R.T. -0.188 min
Lab File: BF132401.D
Acq: 10 Feb 2023 22:34

Tgt Ion:165 Resp: 32819
Ion Ratio Lower Upper
165 100
63 1.2 30.9 46.3#
89 1.5 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: BF132401.D

Acq: 10 Feb 2023 22:34

Instrument :

BNA_F

ClientSampleId :

JPP-59-020823

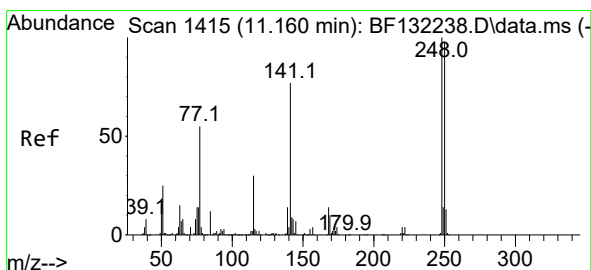
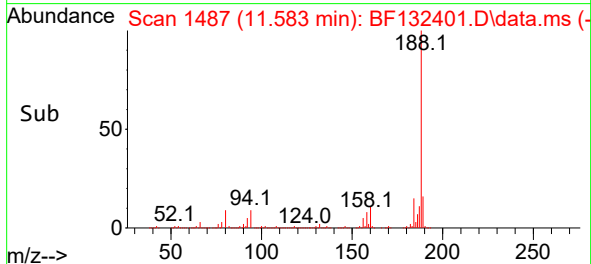
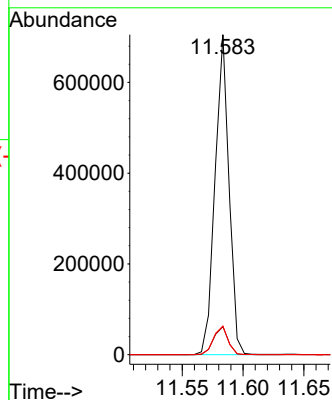
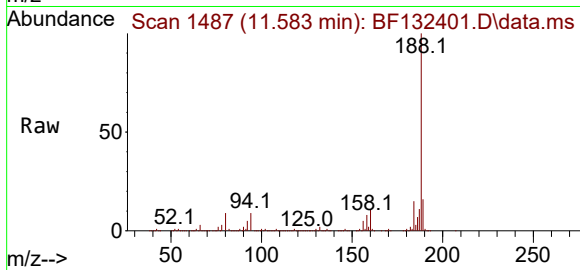
Tgt Ion:188 Resp: 562850

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

80 8.9 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 5.517 ng

RT: 10.883 min Scan# 1368

Delta R.T. -0.241 min

Lab File: BF132401.D

Acq: 10 Feb 2023 22:34

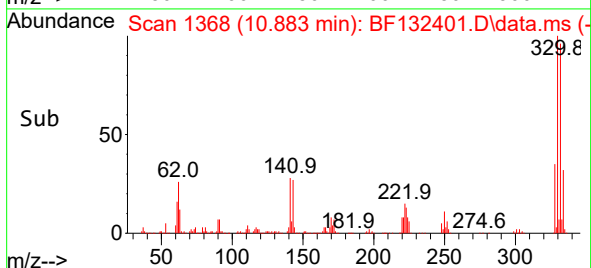
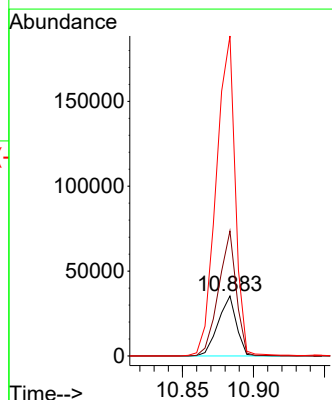
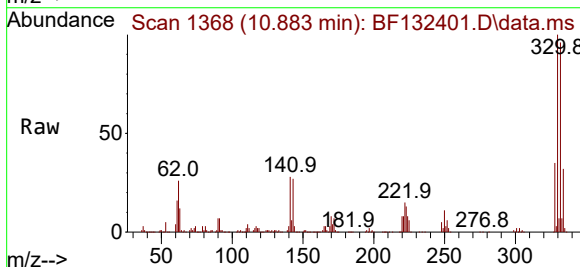
Tgt Ion:248 Resp: 31798

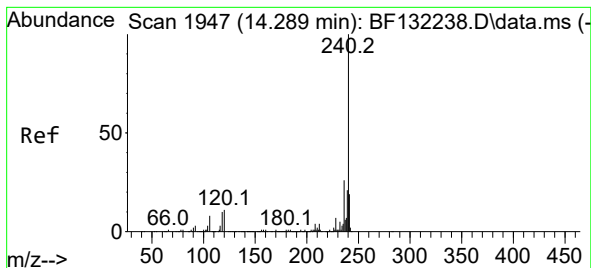
Ion Ratio Lower Upper

248 100

250 208.1 78.6 117.8#

141 532.6 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: BF132401.D

Acq: 10 Feb 2023 22:34

Instrument :

BNA_F

ClientSampleId :

JPP-59-020823

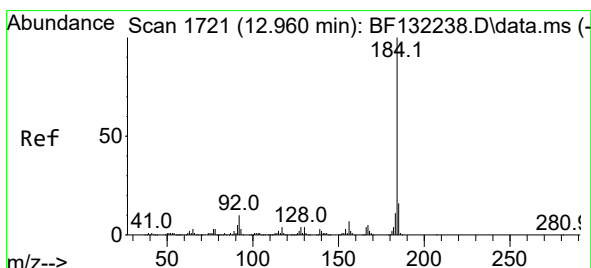
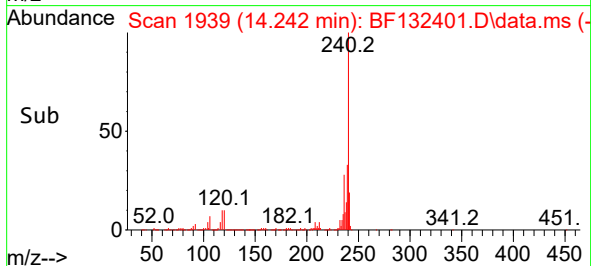
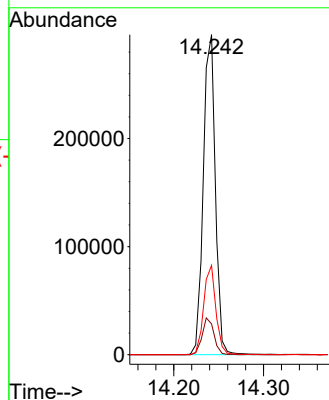
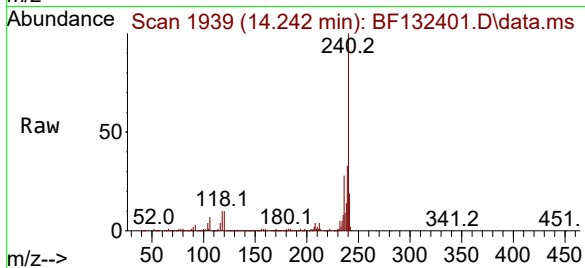
Tgt Ion:240 Resp: 276935

Ion Ratio Lower Upper

240 100

120 9.6 8.8 13.2

236 27.9 21.0 31.6



#77

Benzidine

Concen: 3.596 ng

RT: 13.177 min Scan# 1758

Delta R.T. 0.247 min

Lab File: BF132401.D

Acq: 10 Feb 2023 22:34

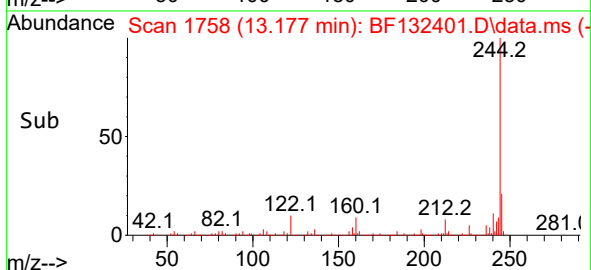
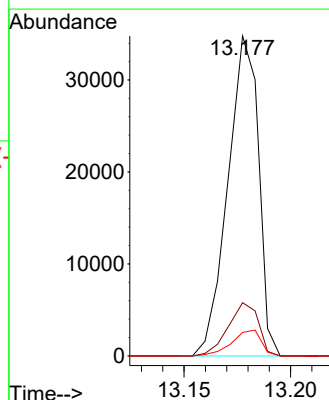
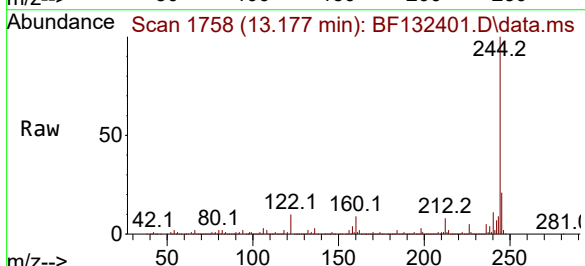
Tgt Ion:184 Resp: 34818

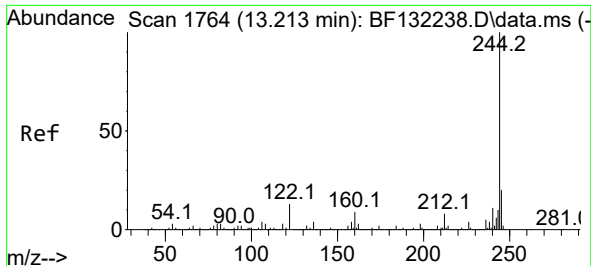
Ion Ratio Lower Upper

184 100

185 16.7 12.6 18.8

183 7.3 8.9 13.3#

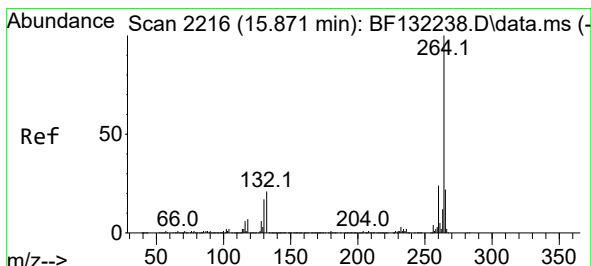
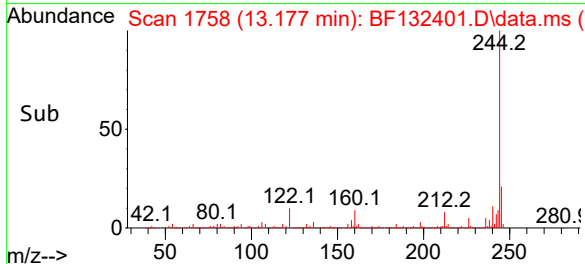
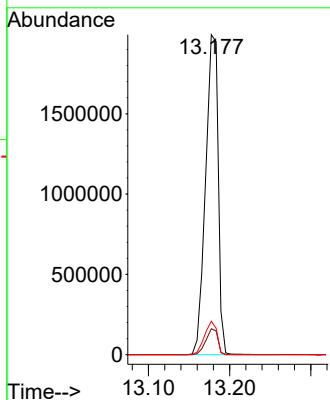
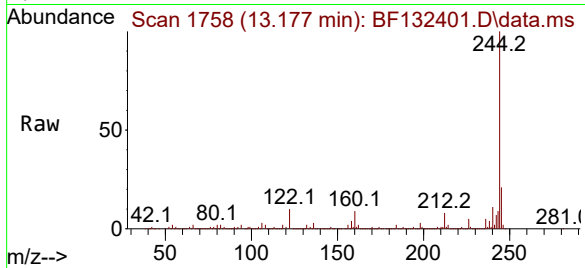




#79
 Terphenyl-d14
 Concen: 149.903 ng
 RT: 13.177 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132401.D
 Acq: 10 Feb 2023 22:34

Instrument :
 BNA_F
 ClientSampleId :
 JPP-59-020823

Tgt Ion:244 Resp: 2146053
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 10.4 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: BF132401.D
 Acq: 10 Feb 2023 22:34

Tgt Ion:264 Resp: 31575
 Ion Ratio Lower Upper
 264 100
 260 36.0 19.0 28.4#
 265 19.3 17.4 26.2

