

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021023\
 Data File : BF132390.D
 Acq On : 10 Feb 2023 16:35
 Operator : CG\JU
 Sample : 01481-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-39-020723

Quant Time: Feb 11 00:33:48 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)

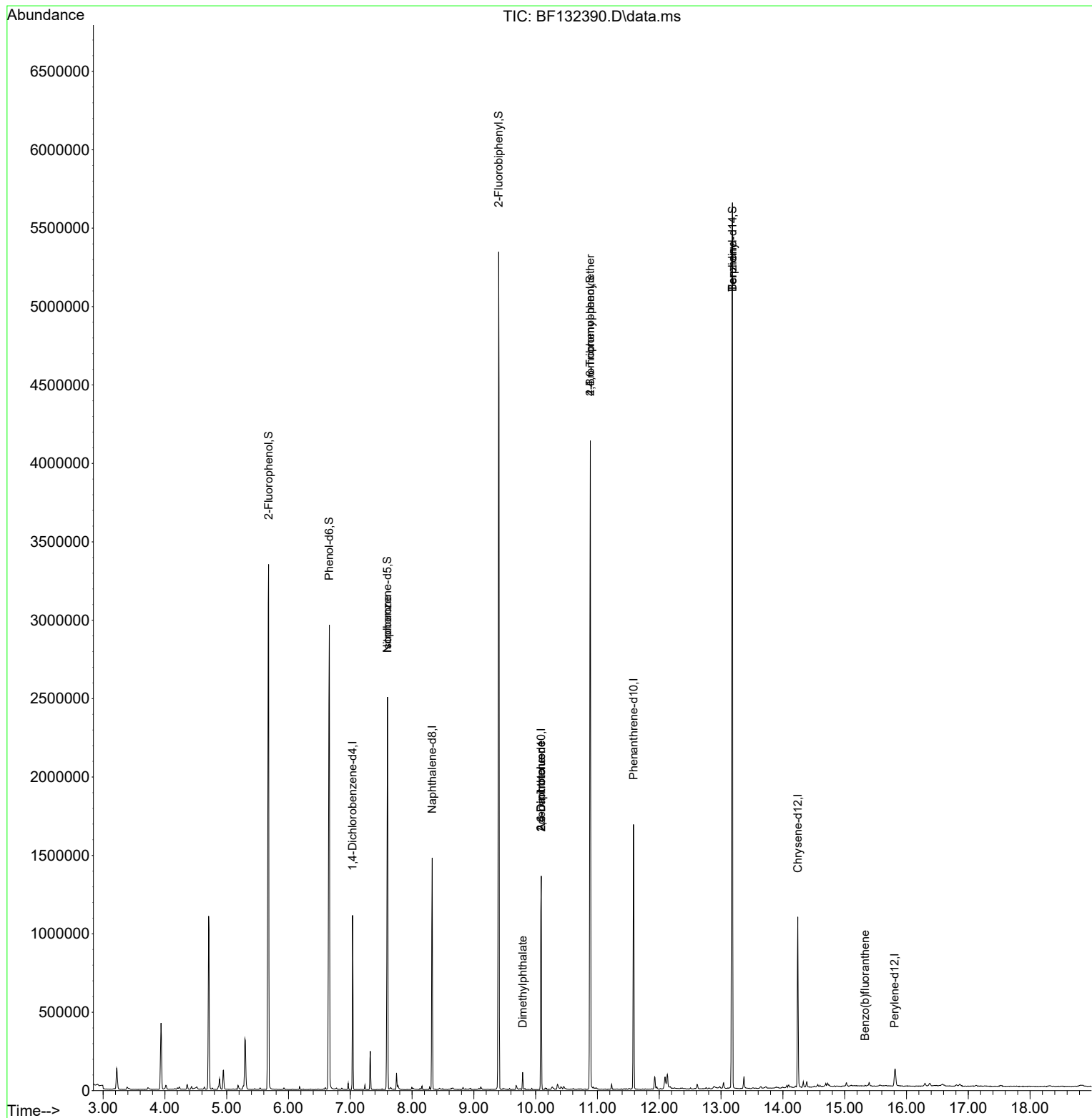
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.037	152	165482	20.000	ng	0.00
21) Naphthalene-d8	8.325	136	621859	20.000	ng	# 0.00
39) Acenaphthene-d10	10.089	164	249559	20.000	ng	0.00
64) Phenanthrene-d10	11.583	188	579565	20.000	ng	0.00
76) Chrysene-d12	14.242	240	285451	20.000	ng	0.00
86) Perylene-d12	15.807	264	14152	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	1236602	120.116	ng	0.02
7) Phenol-d6	6.660	99	1263809	99.573	ng	0.00
23) Nitrobenzene-d5	7.601	82	928954	83.128	ng	0.00
42) 2,4,6-Tribromophenol	10.883	330	565046	220.173	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	1766923	109.336	ng	0.00
79) Terphenyl-d14	13.183	244	2089670	141.610	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.595	77	1212	Below Cal		92
25) Isophorone	7.601	82	927796	43.743	ng	# 64
50) Dimethylphthalate	9.789	163	38317	2.195	ng	98
51) 2,6-Dinitrotoluene	10.089	165	32199	8.259	ng	# 26
57) 2,4-Dinitrotoluene	10.089	165	32199	6.358	ng	# 24
67) 4-Bromophenyl-phenylether	10.883	248	31397	5.290	ng	# 1
77) Benzidine	13.183	184	33757	3.383	ng	# 97
88) Benzo(b)fluoranthene	15.330	252	1809	2.011	ng	# 89

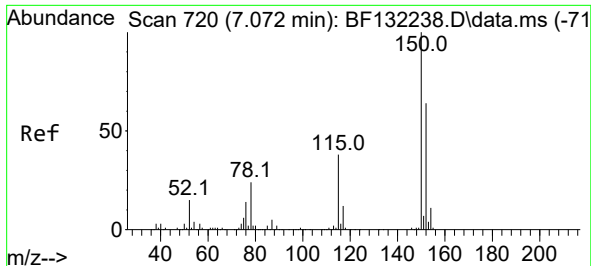
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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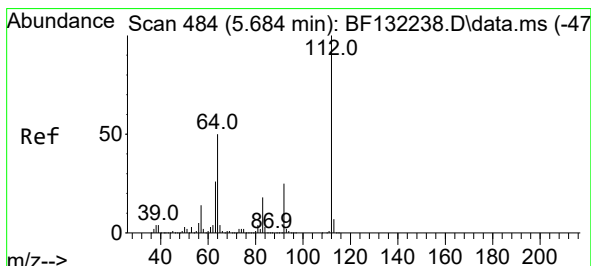
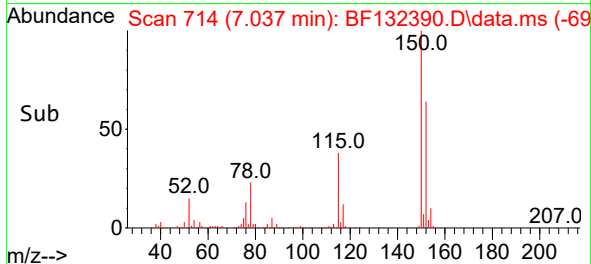
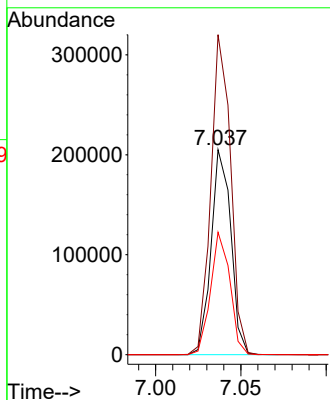
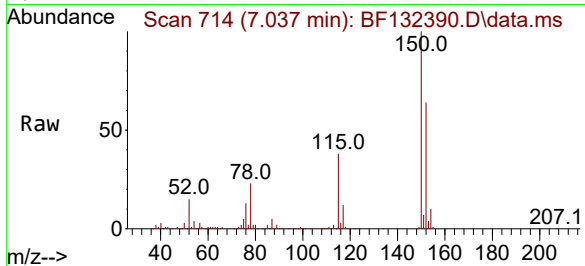




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.037 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132390.D
Acq: 10 Feb 2023 16:35

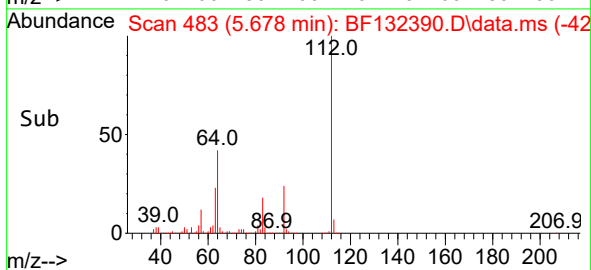
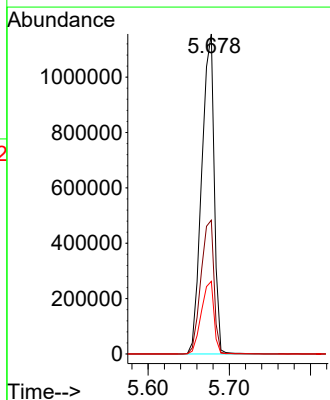
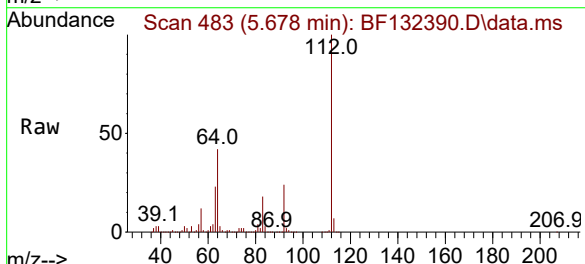
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723

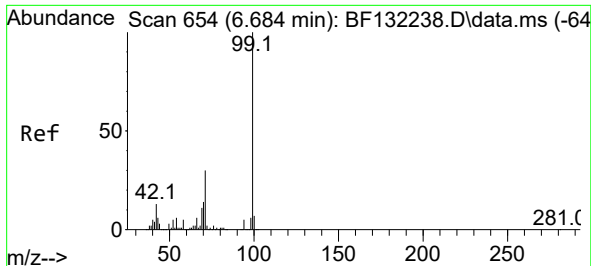
Tgt Ion:152 Resp: 165482
Ion Ratio Lower Upper
152 100
150 156.1 124.2 186.2
115 59.7 47.3 70.9



#5
2-Fluorophenol
Concen: 120.116 ng
RT: 5.678 min Scan# 483
Delta R.T. 0.023 min
Lab File: BF132390.D
Acq: 10 Feb 2023 16:35

Tgt Ion:112 Resp: 1236602
Ion Ratio Lower Upper
112 100
64 41.8 40.0 60.0
63 22.7 20.5 30.7

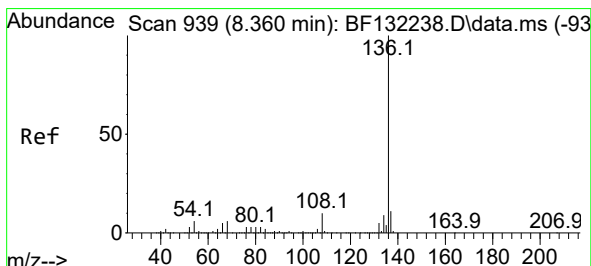
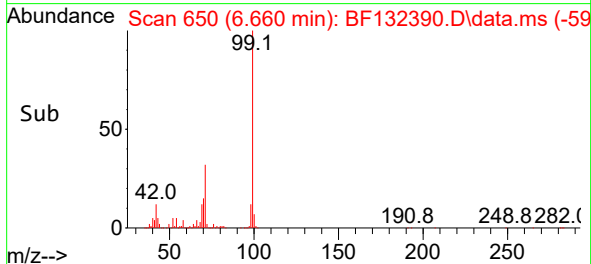
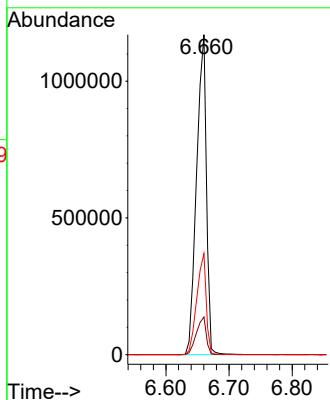
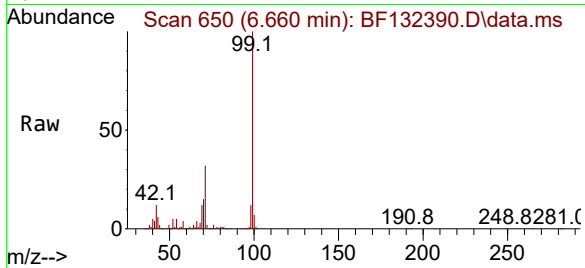




#7
Phenol-d6
Concen: 99.573 ng
RT: 6.660 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132390.D
Acq: 10 Feb 2023 16:35

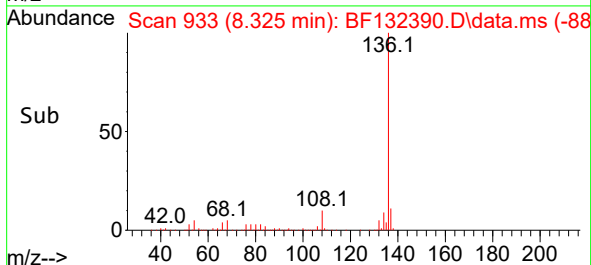
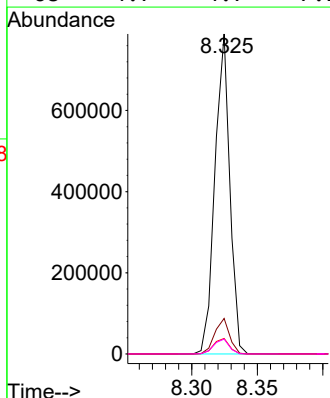
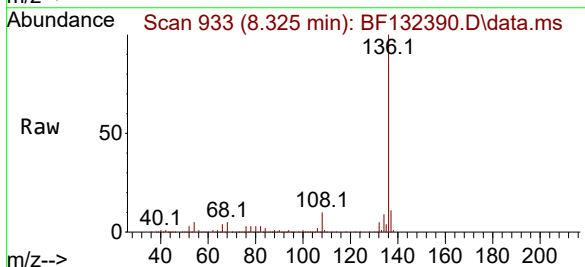
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723

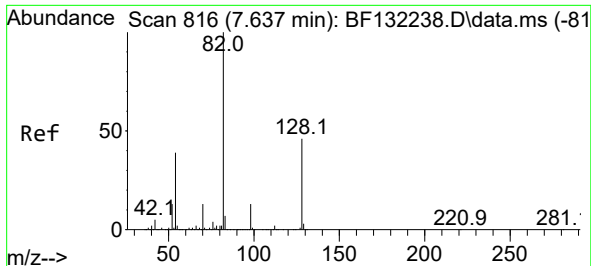
Tgt Ion: 99 Resp: 1263809
Ion Ratio Lower Upper
99 100
42 11.8 10.1 15.1
71 31.6 24.2 36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.325 min Scan# 933
Delta R.T. -0.000 min
Lab File: BF132390.D
Acq: 10 Feb 2023 16:35

Tgt Ion: 136 Resp: 621859
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 4.8 4.9 7.3#
68 4.7 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 83.128 ng

RT: 7.601 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132390.D

Acq: 10 Feb 2023 16:35

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723

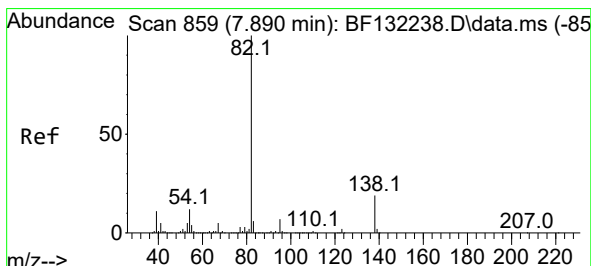
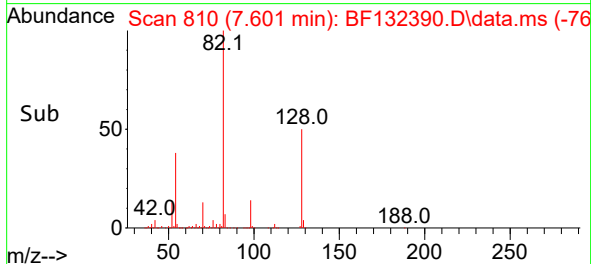
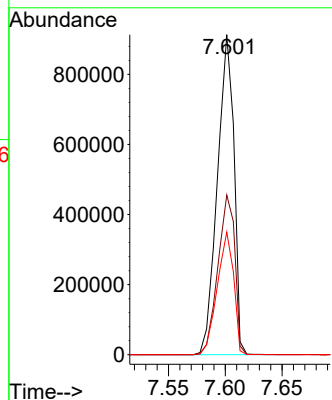
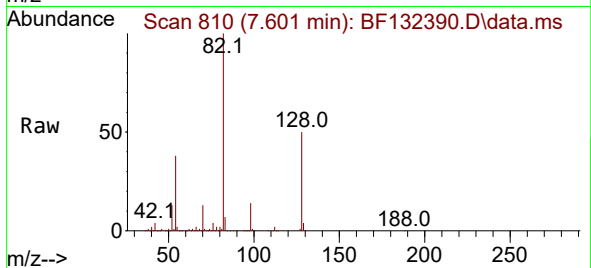
Tgt Ion: 82 Resp: 928954

Ion Ratio Lower Upper

82 100

128 49.9 37.0 55.4

54 38.3 31.5 47.3



#25

Isophorone

Concen: 43.743 ng

RT: 7.601 min Scan# 810

Delta R.T. -0.259 min

Lab File: BF132390.D

Acq: 10 Feb 2023 16:35

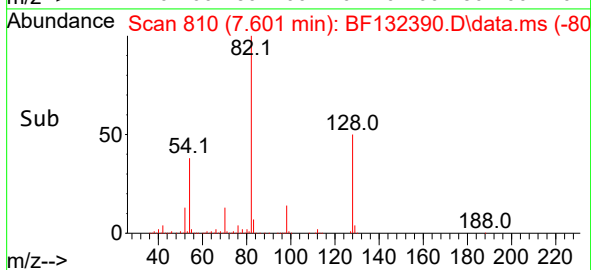
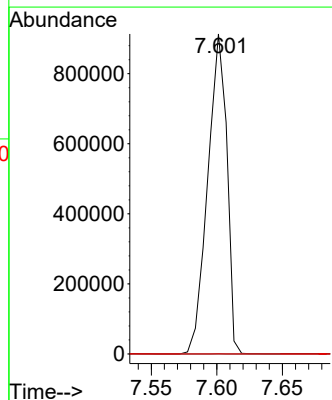
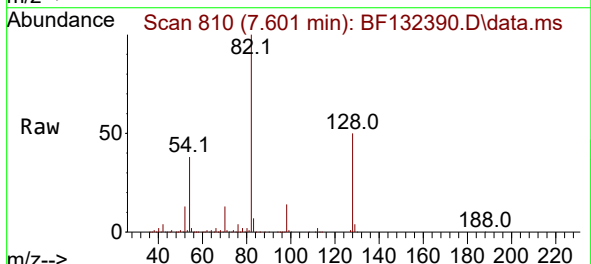
Tgt Ion: 82 Resp: 927796

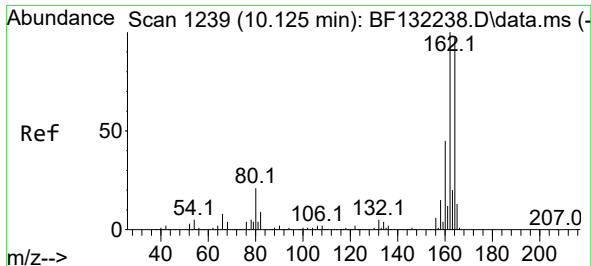
Ion Ratio Lower Upper

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# 1

Delta R.T. -0.006 min

Lab File: BF132390.D

Acq: 10 Feb 2023 16:35

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723

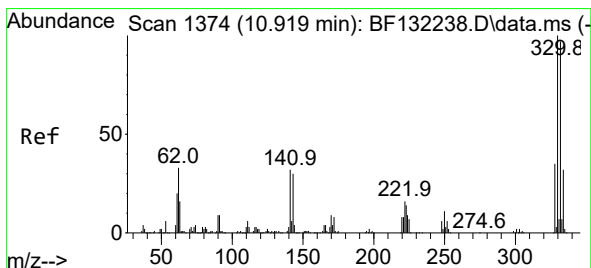
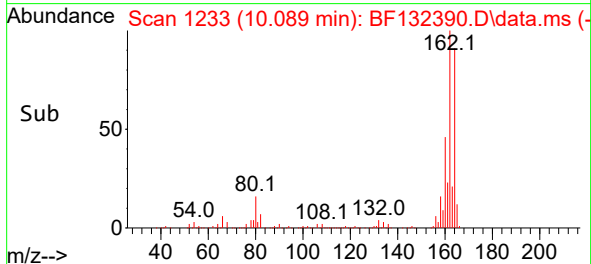
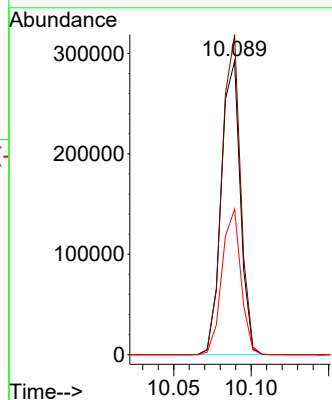
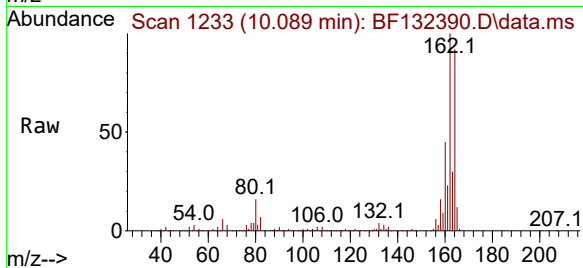
Tgt Ion:164 Resp: 249559

Ion Ratio Lower Upper

164 100

162 109.0 82.0 123.0

160 49.6 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 220.173 ng

RT: 10.883 min Scan# 1368

Delta R.T. -0.000 min

Lab File: BF132390.D

Acq: 10 Feb 2023 16:35

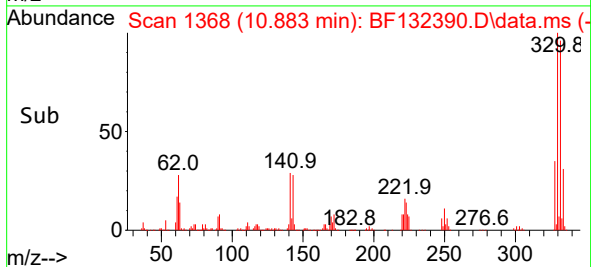
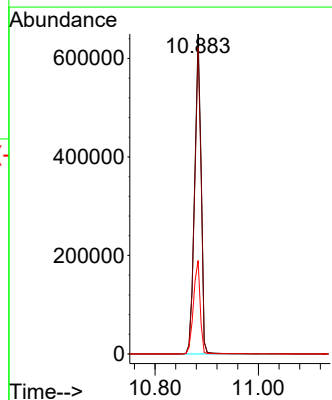
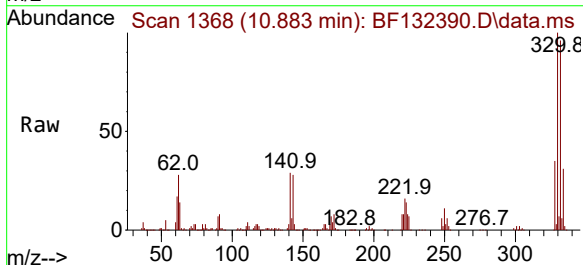
Tgt Ion:330 Resp: 565046

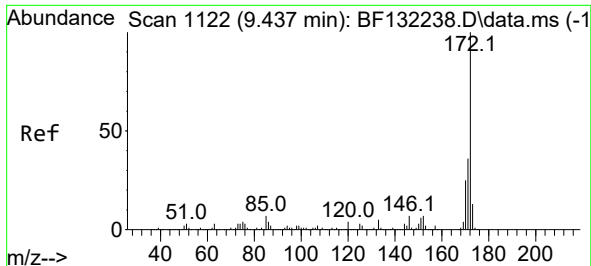
Ion Ratio Lower Upper

330 100

332 96.0 77.9 116.9

141 30.2 31.0 46.4#

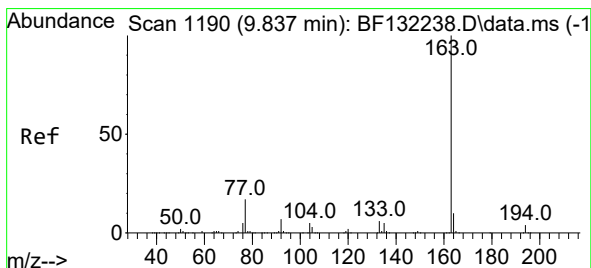
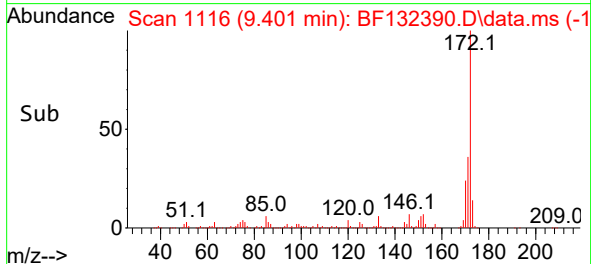
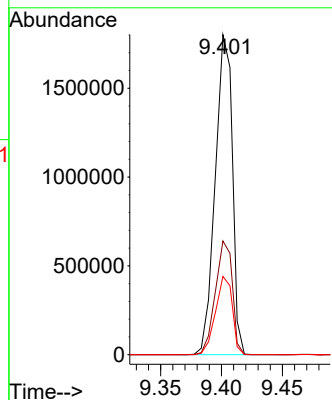
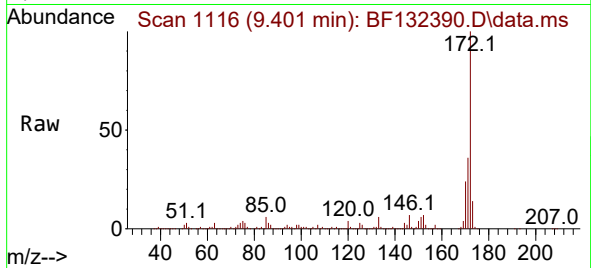




#45
2-Fluorobiphenyl
Concen: 109.336 ng
RT: 9.401 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF132390.D
Acq: 10 Feb 2023 16:35

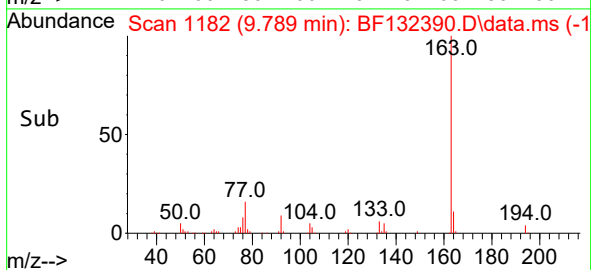
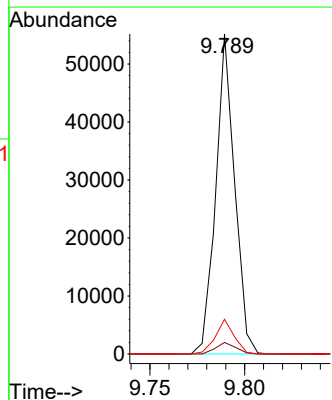
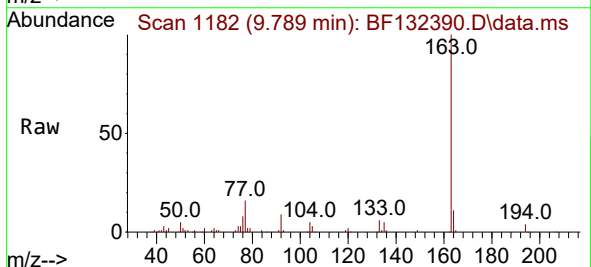
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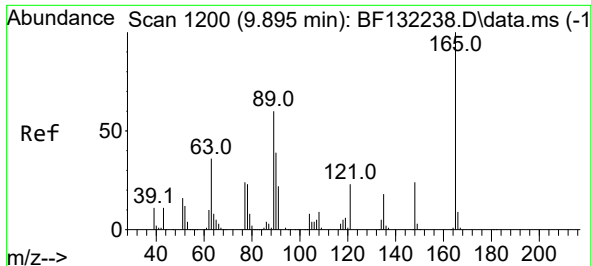
Tgt Ion:172 Resp: 1766923
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.5 19.7 29.5



#50
Dimethylphthalate
Concen: 2.195 ng
RT: 9.789 min Scan# 1182
Delta R.T. -0.018 min
Lab File: BF132390.D
Acq: 10 Feb 2023 16:35

Tgt Ion:163 Resp: 38317
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.9 7.9 11.9

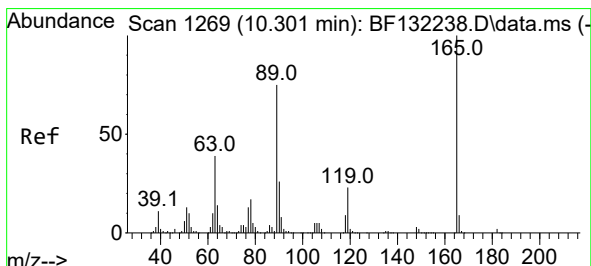
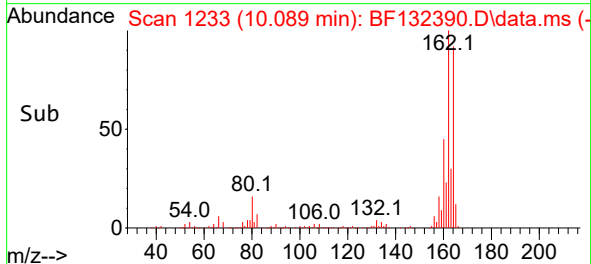
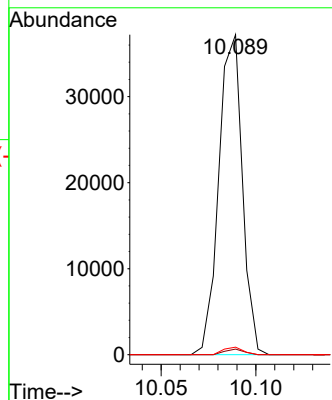
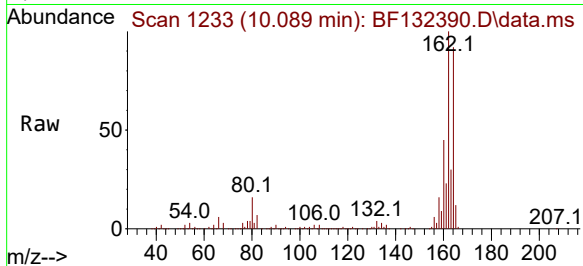




#51
2,6-Dinitrotoluene
Concen: 8.259 ng
RT: 10.089 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF132390.D
Acq: 10 Feb 2023 16:35

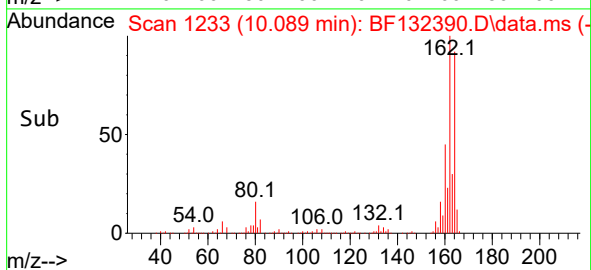
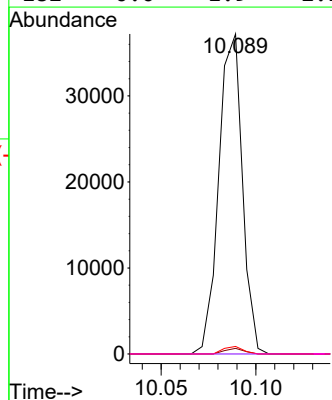
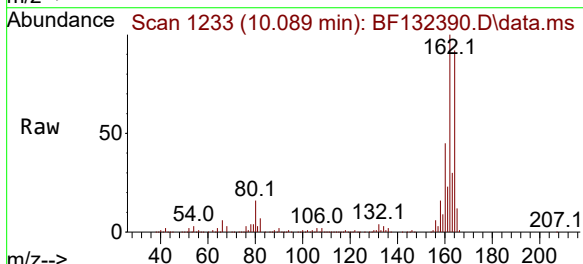
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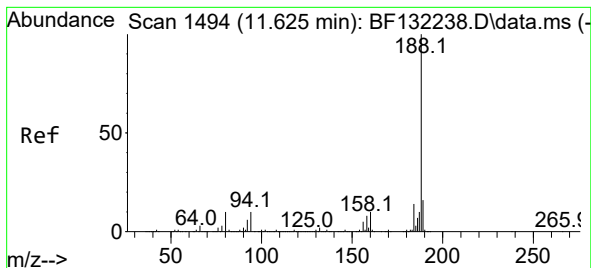
Tgt Ion:165 Resp: 32199
Ion Ratio Lower Upper
165 100
63 1.8 41.5 62.3#
89 2.4 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.358 ng
RT: 10.089 min Scan# 1233
Delta R.T. -0.182 min
Lab File: BF132390.D
Acq: 10 Feb 2023 16:35

Tgt Ion:165 Resp: 32199
Ion Ratio Lower Upper
165 100
63 1.8 30.9 46.3#
89 2.4 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: BF132390.D

Acq: 10 Feb 2023 16:35

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723

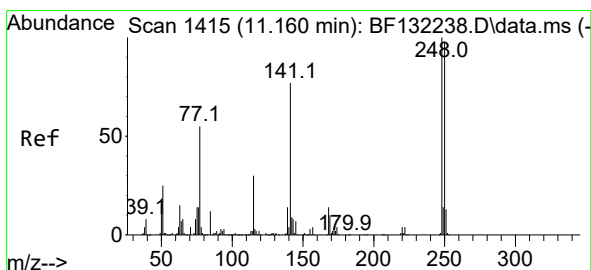
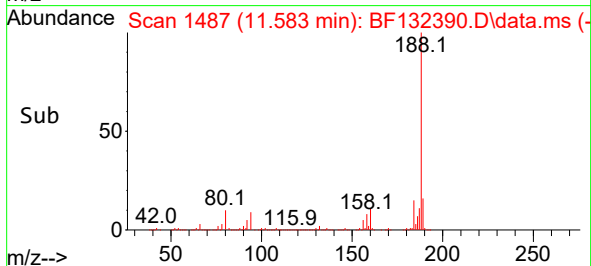
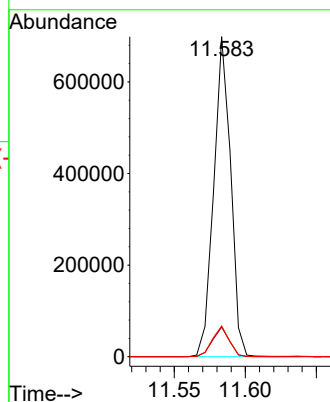
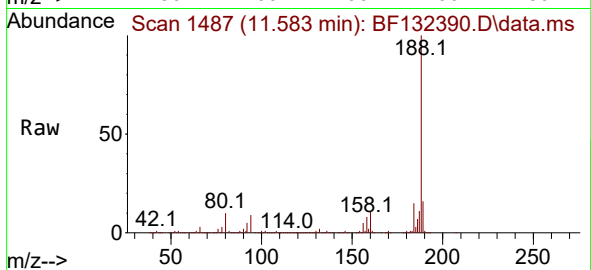
Tgt Ion:188 Resp: 579565

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.2

80 9.6 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 5.290 ng

RT: 10.883 min Scan# 1368

Delta R.T. -0.241 min

Lab File: BF132390.D

Acq: 10 Feb 2023 16:35

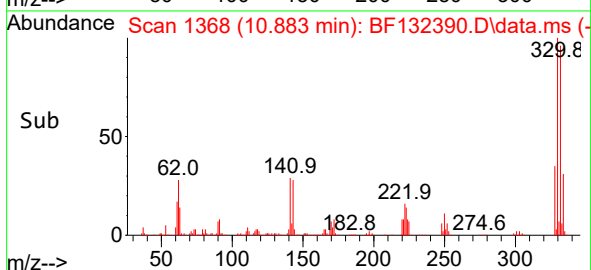
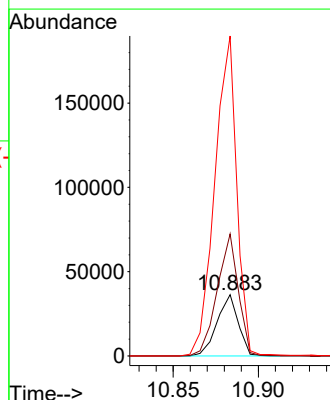
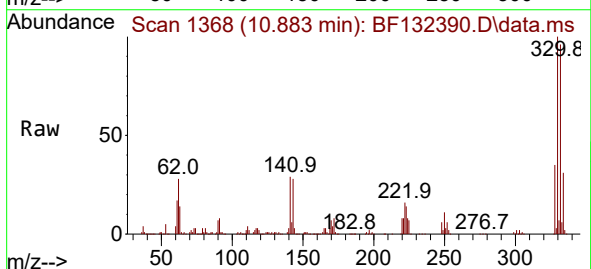
Tgt Ion:248 Resp: 31397

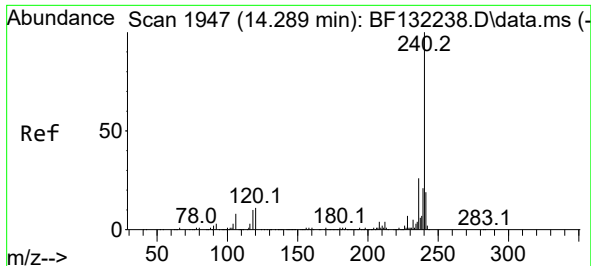
Ion Ratio Lower Upper

248 100

250 199.0 78.6 117.8#

141 521.8 61.6 92.4#

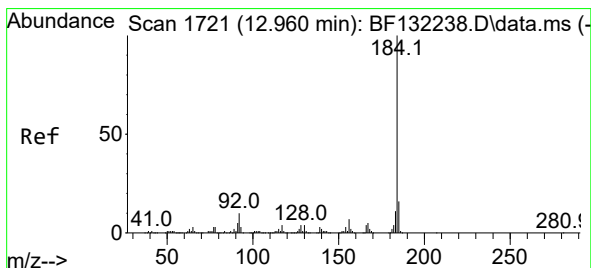
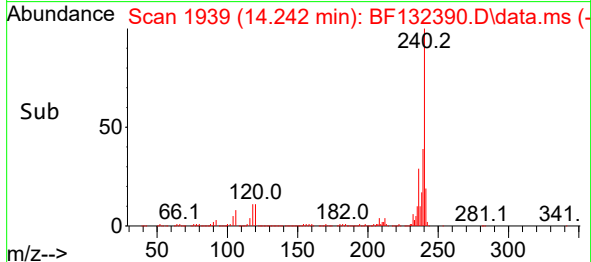
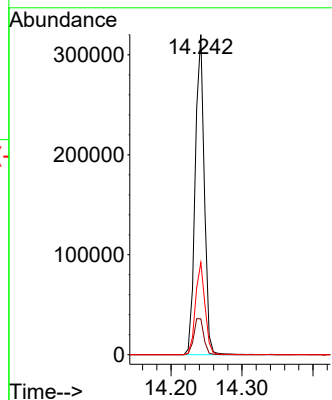
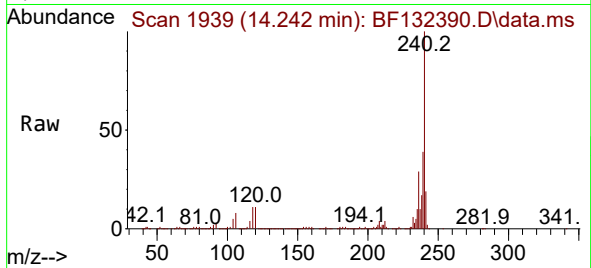




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.242 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF132390.D
Acq: 10 Feb 2023 16:35

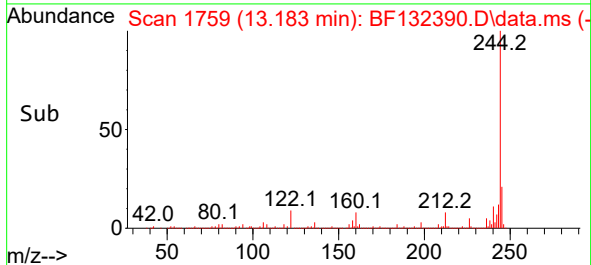
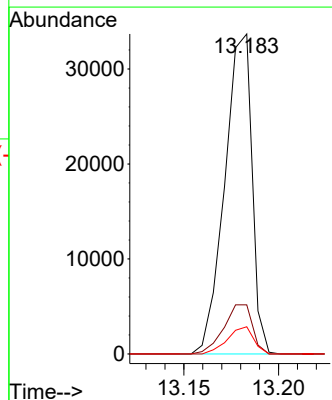
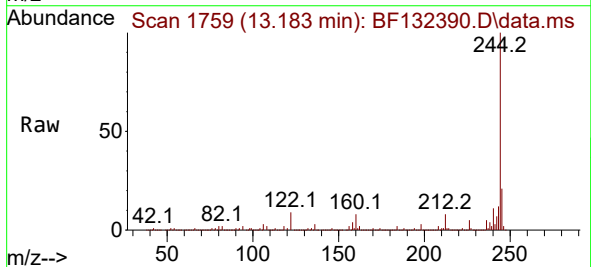
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723

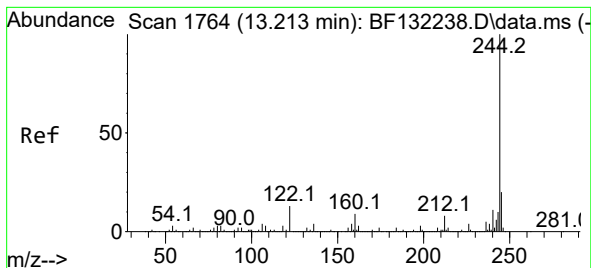
Tgt Ion:240 Resp: 285451
Ion Ratio Lower Upper
240 100
120 11.2 8.8 13.2
236 28.8 21.0 31.6



#77
Benzidine
Concen: 3.383 ng
RT: 13.183 min Scan# 1759
Delta R.T. 0.253 min
Lab File: BF132390.D
Acq: 10 Feb 2023 16:35

Tgt Ion:184 Resp: 33757
Ion Ratio Lower Upper
184 100
185 15.4 12.6 18.8
183 8.5 8.9 13.3#





#79

Terphenyl-d14

Concen: 141.610 ng

RT: 13.183 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132390.D

Acq: 10 Feb 2023 16:35

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723

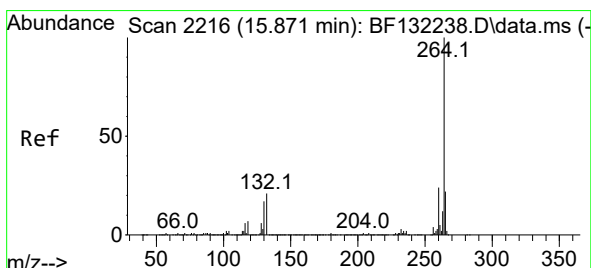
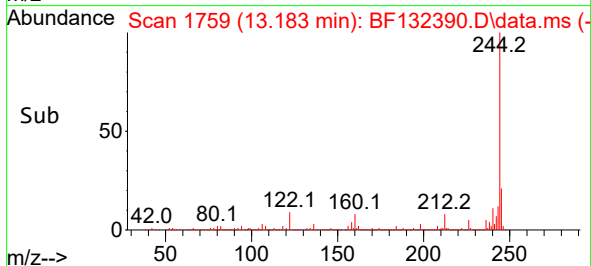
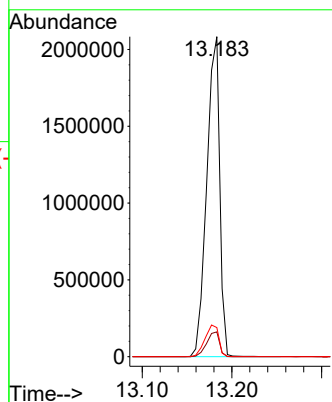
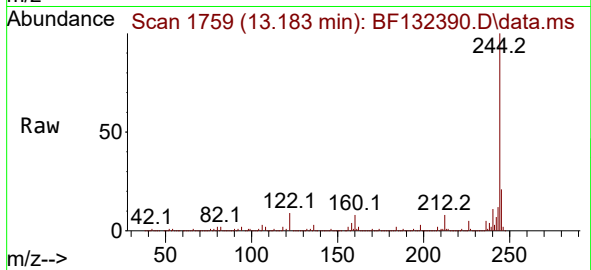
Tgt Ion:244 Resp: 2089670

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

122 9.1 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: BF132390.D

Acq: 10 Feb 2023 16:35

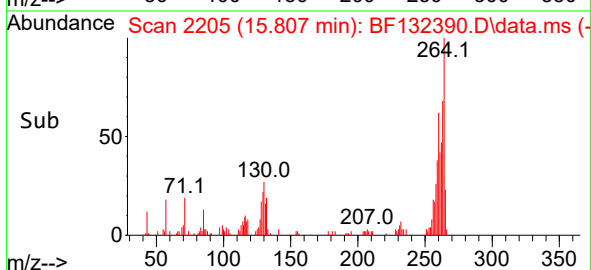
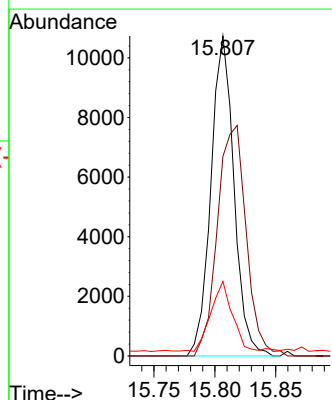
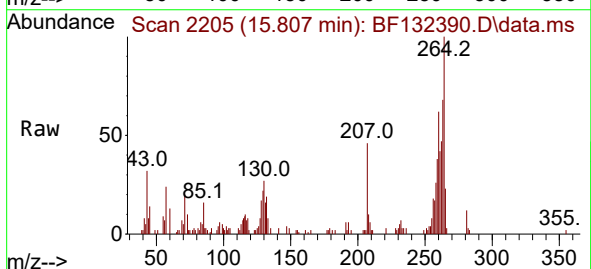
Tgt Ion:264 Resp: 14152

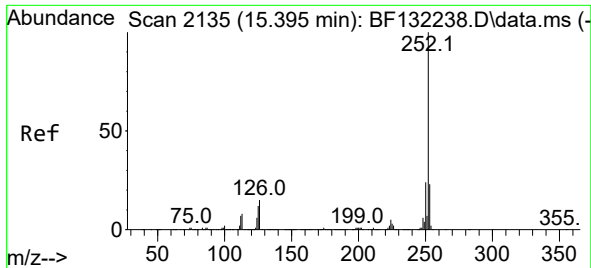
Ion Ratio Lower Upper

264 100

260 62.3 19.0 28.4#

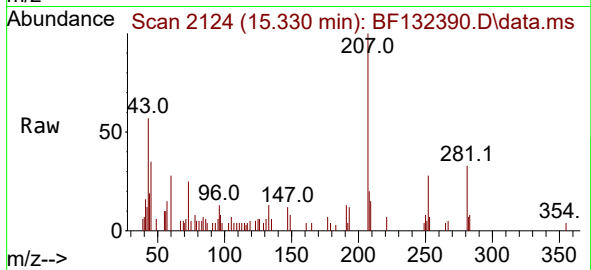
265 23.3 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 2.011 ng
RT: 15.330 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF132390.D
Acq: 10 Feb 2023 16:35

Instrument :
BNA_F
ClientSampleId :
JPP-39-020723



Tgt Ion:252 Resp: 1809
Ion Ratio Lower Upper
252 100
253 25.1 18.1 27.1
125 20.0 9.6 14.4#

