

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132264.D
 Acq On : 01 Feb 2023 17:20
 Operator : CG\JU
 Sample : 01358-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-3-012723

Quant Time: Feb 02 00:55:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

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

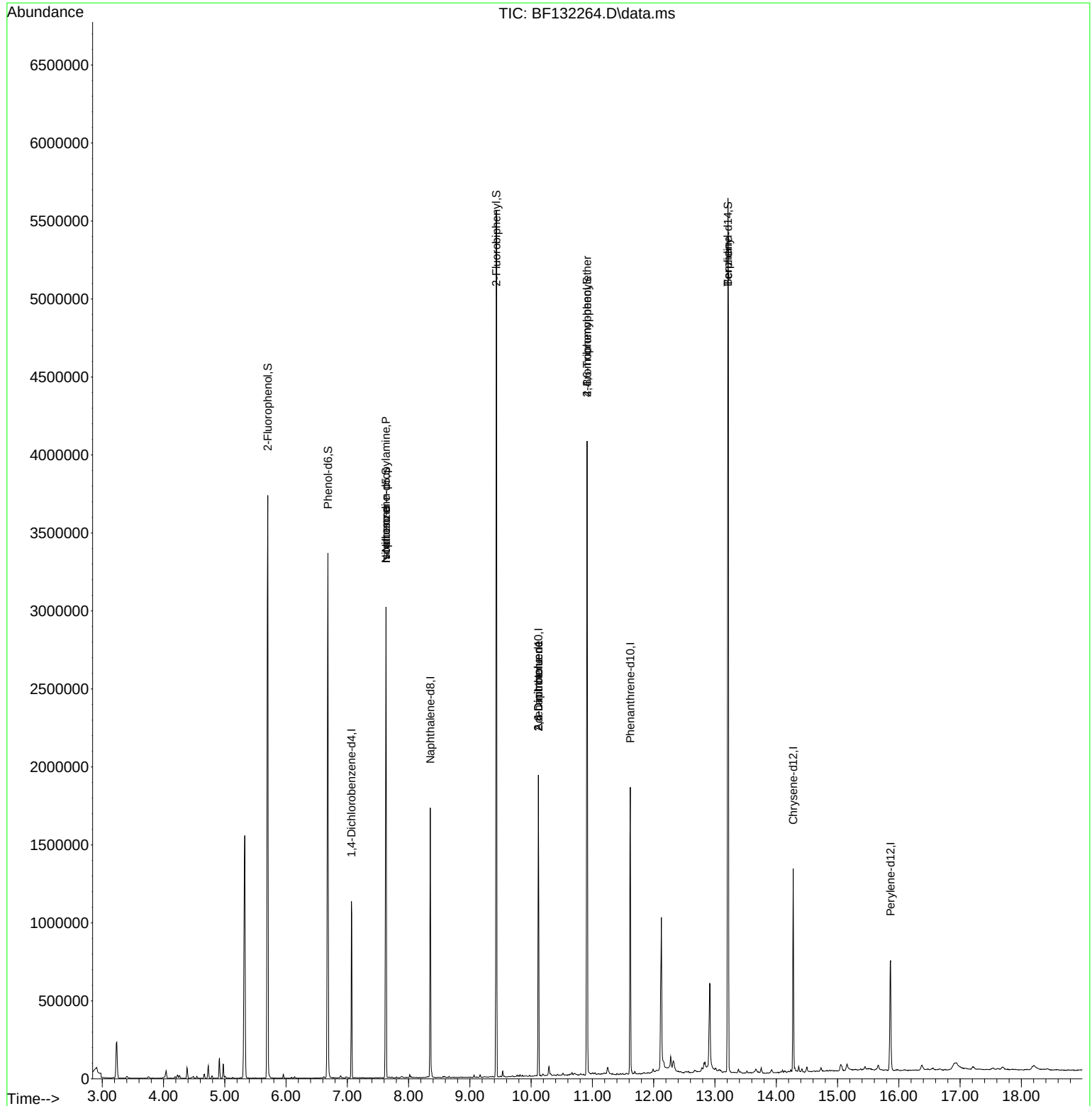
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	177215	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	679426	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	346394	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	651175	20.000	ng	0.00
76) Chrysene-d12	14.277	240	397236	20.000	ng	-0.01
86) Perylene-d12	15.865	264	337701	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	1280490	116.145	ng	0.02
7) Phenol-d6	6.684	99	1466811	107.915	ng	0.00
23) Nitrobenzene-d5	7.631	82	1031017	84.444	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	524175	147.150	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1756111	78.289	ng	0.00
79) Terphenyl-d14	13.213	244	2121097	103.290	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.619	77	266	Below Cal	#	37
19) n-Nitroso-di-n-propyla...	7.631	70	130357	16.884	ng	# 77
25) Isophorone	7.631	82	1031003	44.490	ng	# 64
51) 2,6-Dinitrotoluene	10.119	165	45554	8.418	ng	# 25
57) 2,4-Dinitrotoluene	10.119	165	45554	6.480	ng	# 23
67) 4-Bromophenyl-phenylether	10.913	248	30783	4.617	ng	# 1
77) Benzydine	13.213	184	34608	2.492	ng	# 92

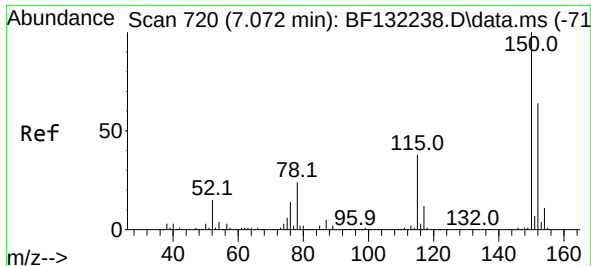
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132264.D
Acq On : 01 Feb 2023 17:20
Operator : CG\JU
Sample : 01358-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-3-012723

Quant Time: Feb 02 00:55:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 05:24:37 2023
Response via : Initial Calibration

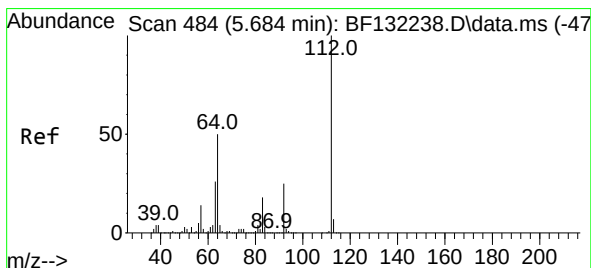
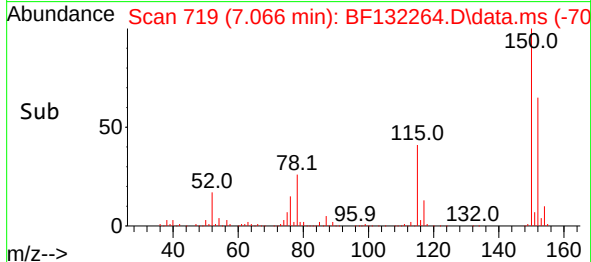
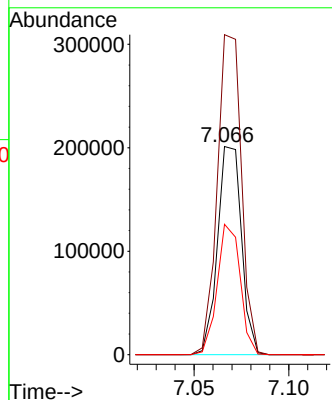
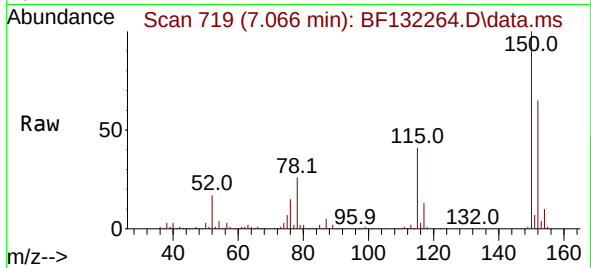




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132264.D
Acq: 01 Feb 2023 17:20

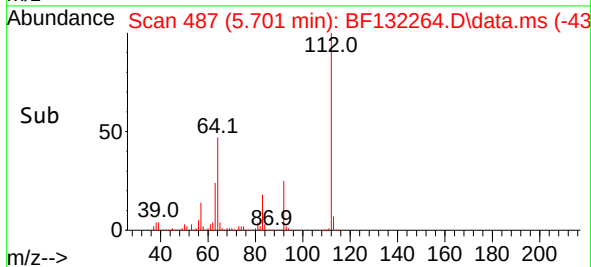
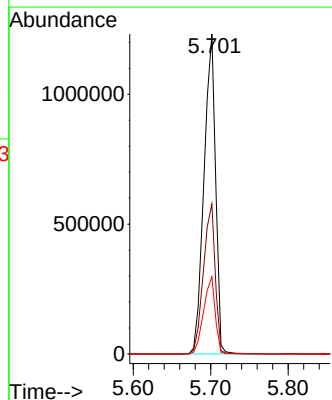
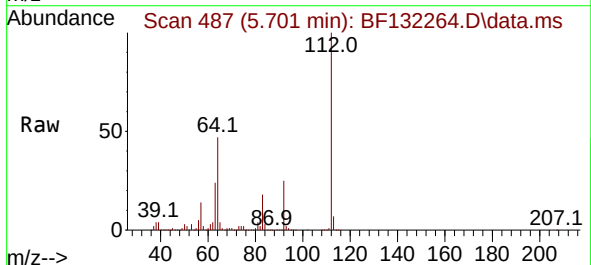
Instrument :
BNA_F
ClientSampleId :
JC-3-012723

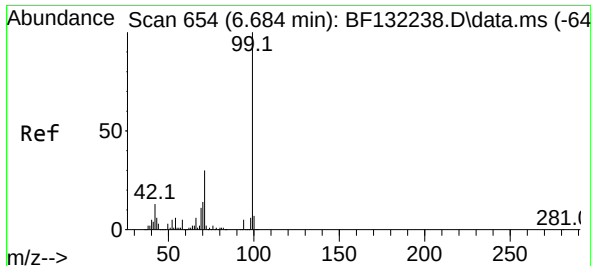
Tgt Ion:152 Resp: 177215
Ion Ratio Lower Upper
152 100
150 153.7 124.2 186.2
115 62.6 47.3 70.9



#5
2-Fluorophenol
Concen: 116.145 ng
RT: 5.701 min Scan# 487
Delta R.T. 0.018 min
Lab File: BF132264.D
Acq: 01 Feb 2023 17:20

Tgt Ion:112 Resp: 1280490
Ion Ratio Lower Upper
112 100
64 46.9 40.0 60.0
63 24.1 20.5 30.7

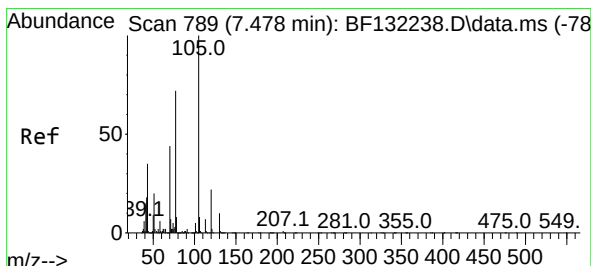
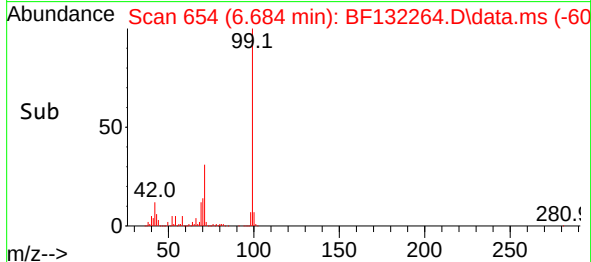
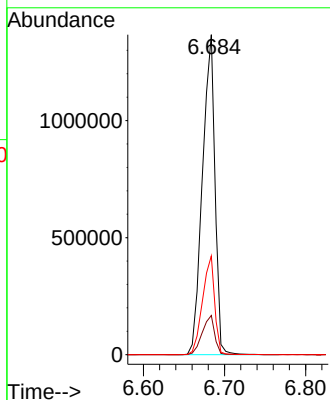
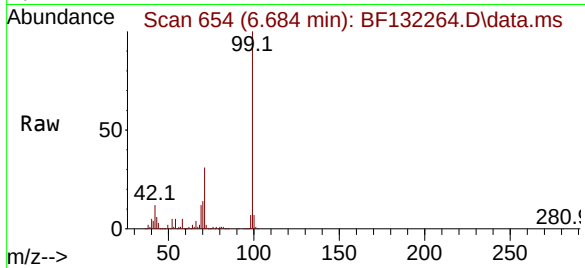




#7
Phenol-d6
Concen: 107.915 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132264.D
Acq: 01 Feb 2023 17:20

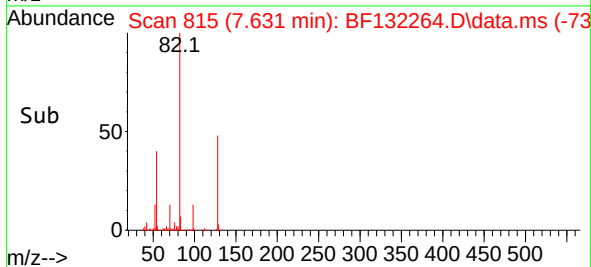
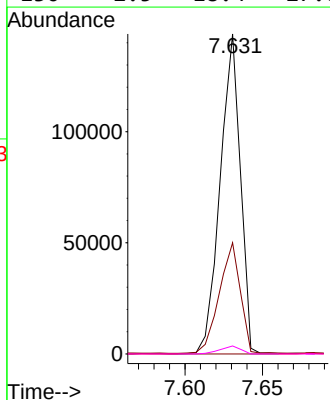
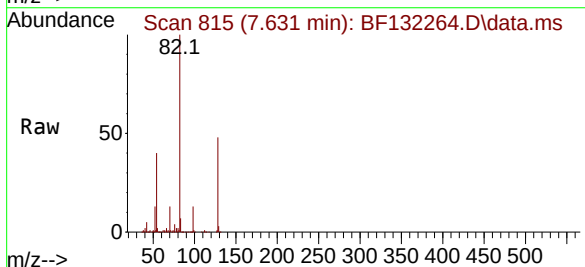
Instrument :
BNA_F
ClientSampleId :
JC-3-012723

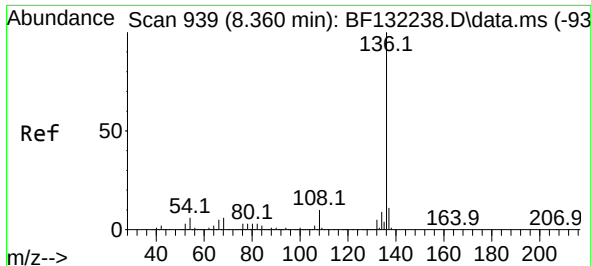
Tgt Ion: 99 Resp: 1466811
Ion Ratio Lower Upper
99 100
42 12.3 10.1 15.1
71 30.9 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.884 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132264.D
Acq: 01 Feb 2023 17:20

Tgt Ion: 70 Resp: 130357
Ion Ratio Lower Upper
70 100
42 34.8 33.4 50.0
101 0.0 8.2 12.4#
130 2.5 18.4 27.6#

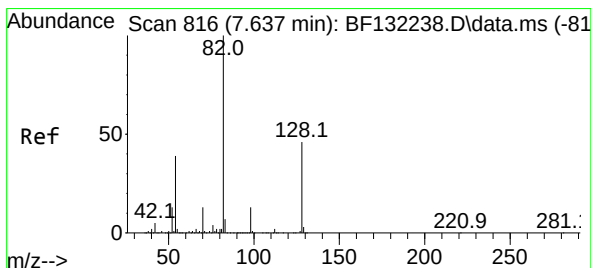
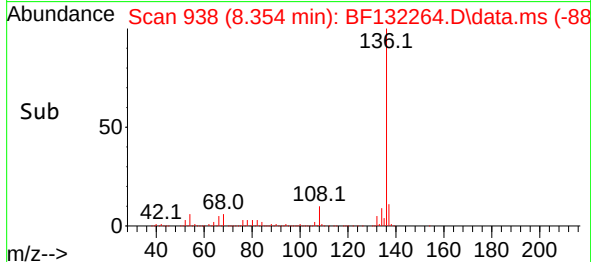
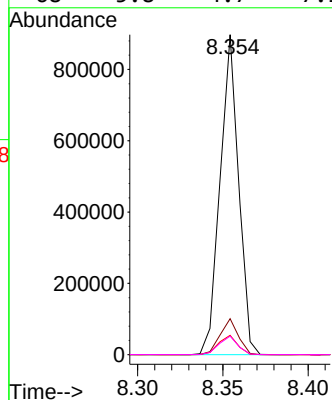
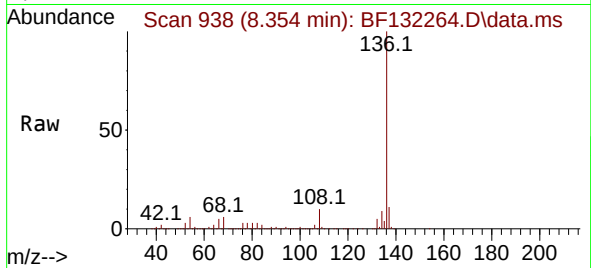




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132264.D
Acq: 01 Feb 2023 17:20

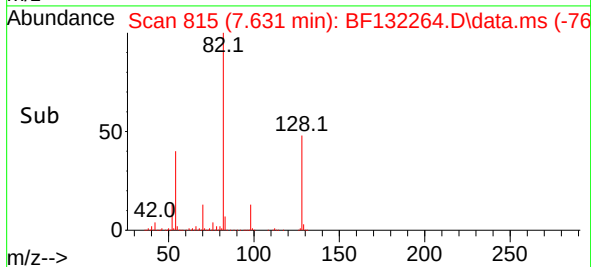
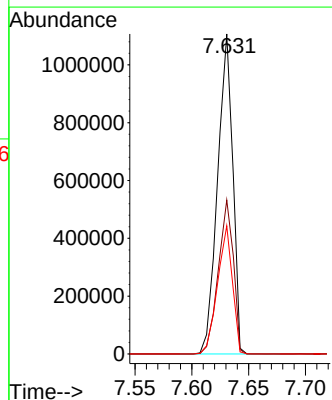
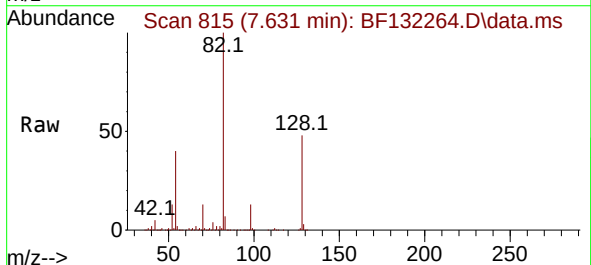
Instrument :
BNA_F
ClientSampleId :
JC-3-012723

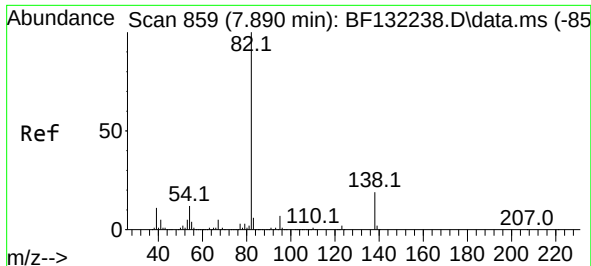
Tgt Ion:136 Resp: 679426
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.0 4.9 7.3
68 5.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 84.444 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132264.D
Acq: 01 Feb 2023 17:20

Tgt Ion: 82 Resp: 1031017
Ion Ratio Lower Upper
82 100
128 48.1 37.0 55.4
54 40.1 31.5 47.3

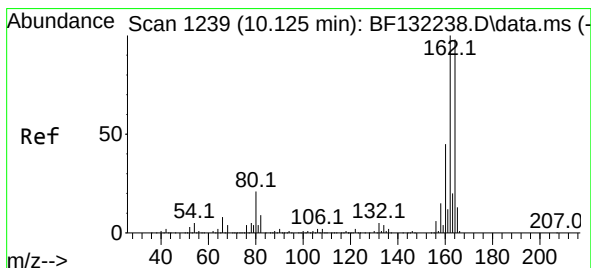
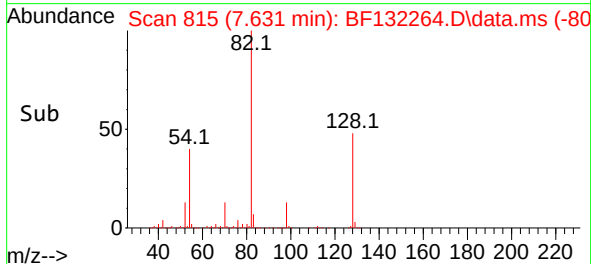
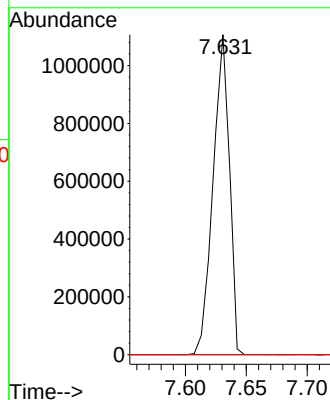
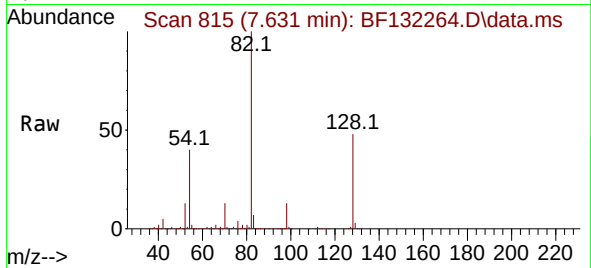




#25
Isophorone
Concen: 44.490 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132264.D
Acq: 01 Feb 2023 17:20

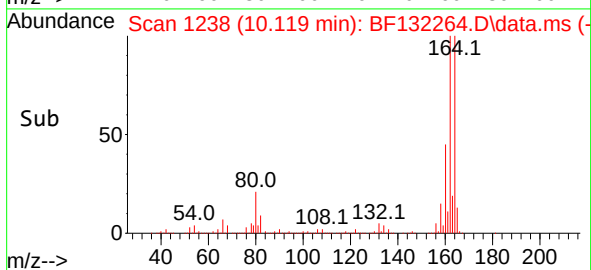
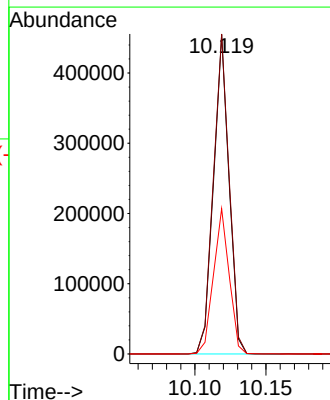
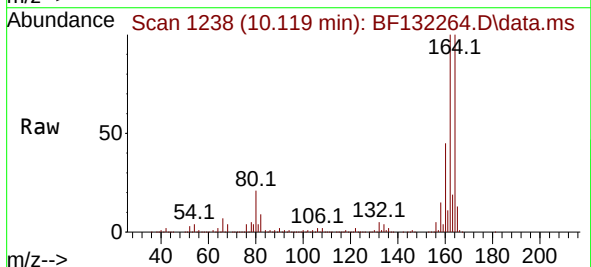
Instrument :
BNA_F
ClientSampleId :
JC-3-012723

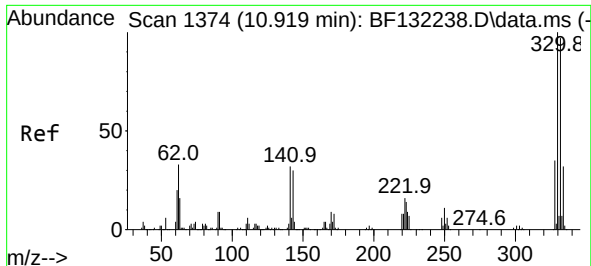
Tgt Ion: 82 Resp: 1031003
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132264.D
Acq: 01 Feb 2023 17:20

Tgt Ion:164 Resp: 346394
Ion Ratio Lower Upper
164 100
162 100.2 82.0 123.0
160 45.5 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 147.150 ng

RT: 10.913 min Scan# 111

Delta R.T. -0.006 min

Lab File: BF132264.D

Acq: 01 Feb 2023 17:20

Instrument :

BNA_F

ClientSampleId :

JC-3-012723

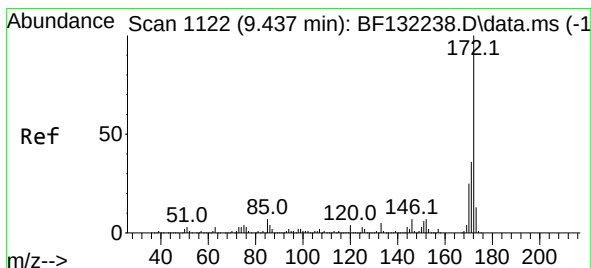
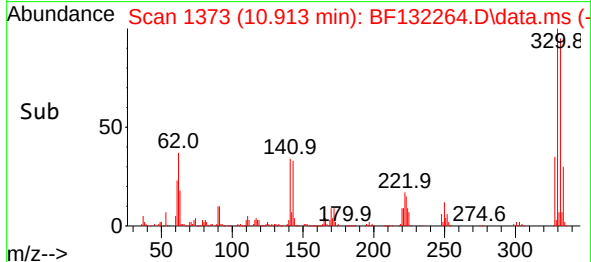
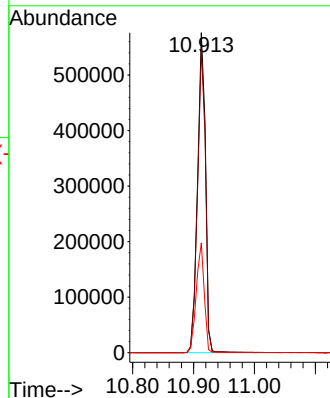
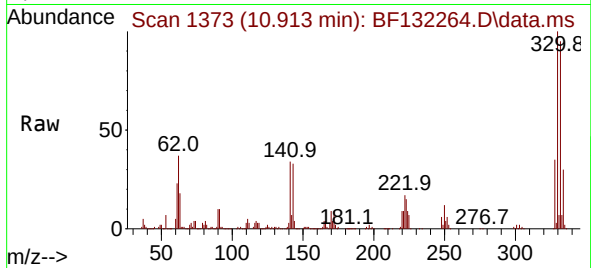
Tgt Ion:330 Resp: 524175

Ion Ratio Lower Upper

330 100

332 95.4 77.9 116.9

141 34.5 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 78.289 ng

RT: 9.431 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132264.D

Acq: 01 Feb 2023 17:20

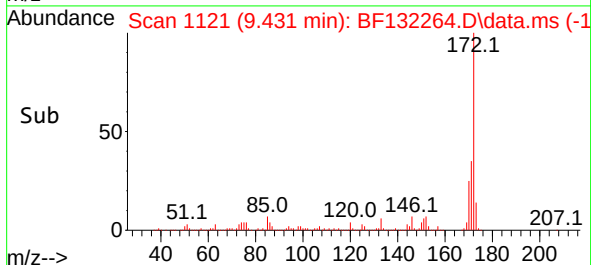
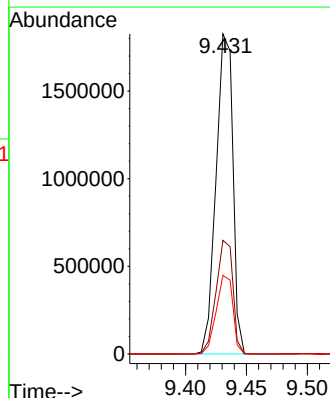
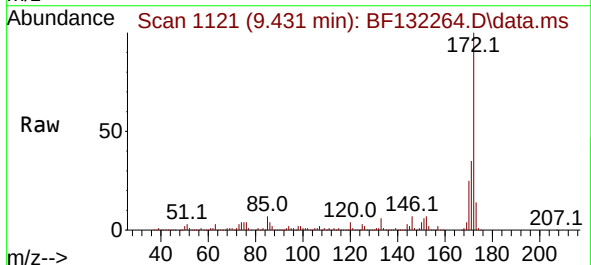
Tgt Ion:172 Resp: 1756111

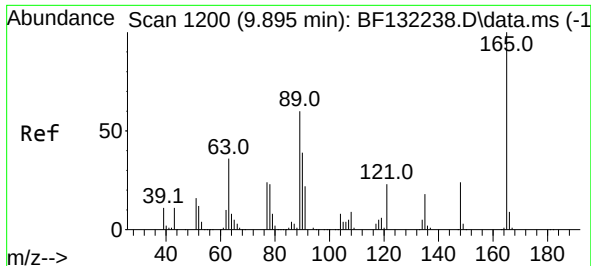
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 24.5 19.7 29.5

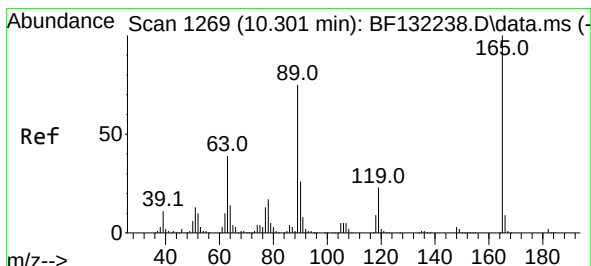
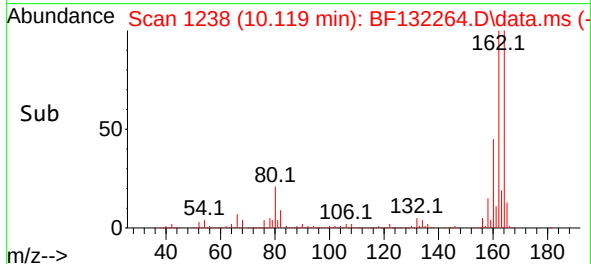
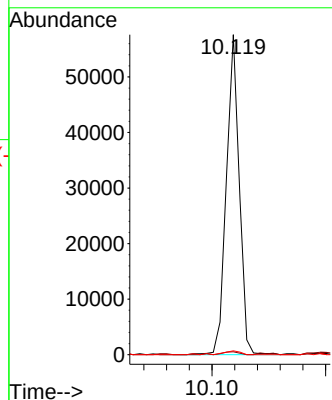
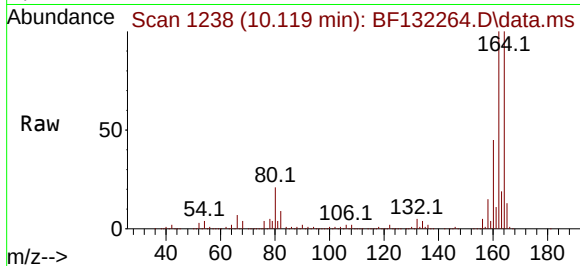




#51
2,6-Dinitrotoluene
Concen: 8.418 ng
RT: 10.119 min Scan# 1238
Delta R.T. 0.224 min
Lab File: BF132264.D
Acq: 01 Feb 2023 17:20

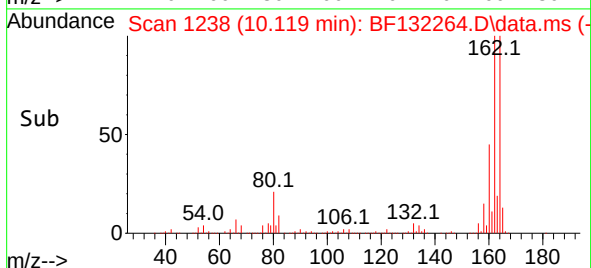
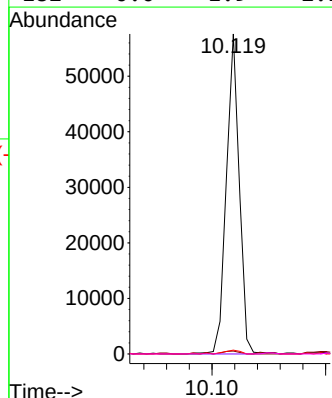
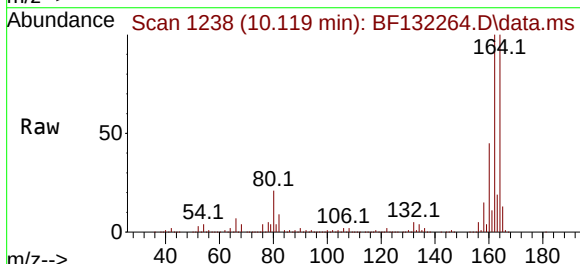
Instrument :
BNA_F
ClientSampleId :
JC-3-012723

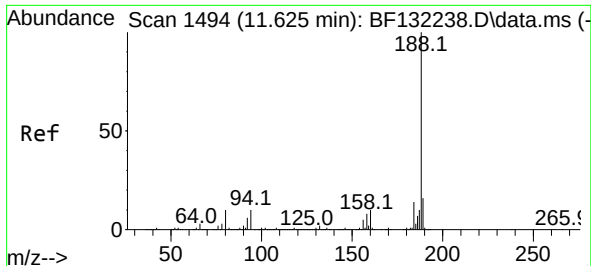
Tgt Ion:165 Resp: 45554
Ion Ratio Lower Upper
165 100
63 0.9 41.5 62.3#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.480 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.182 min
Lab File: BF132264.D
Acq: 01 Feb 2023 17:20

Tgt Ion:165 Resp: 45554
Ion Ratio Lower Upper
165 100
63 0.9 30.9 46.3#
89 1.2 60.1 90.1#
182 0.0 1.9 2.9#

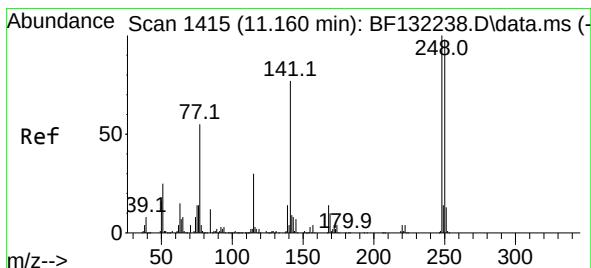
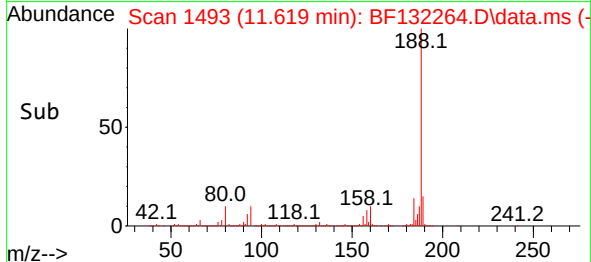
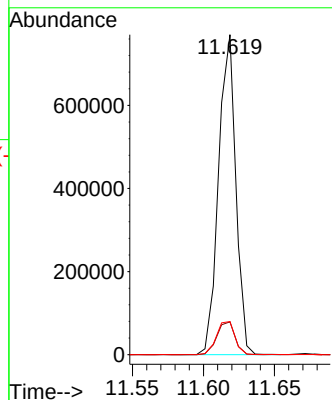
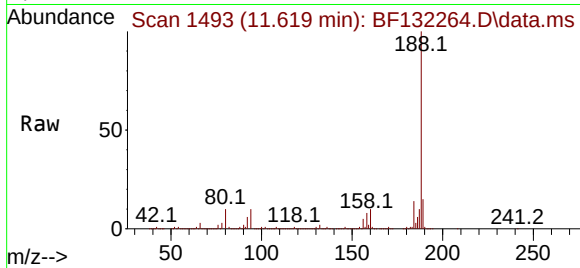




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132264.D
Acq: 01 Feb 2023 17:20

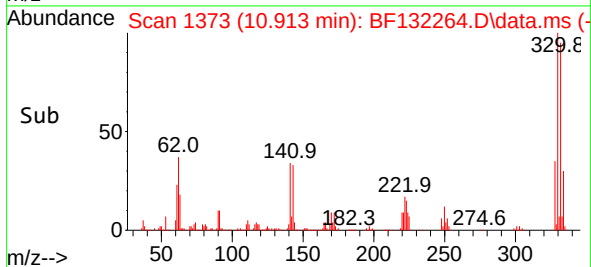
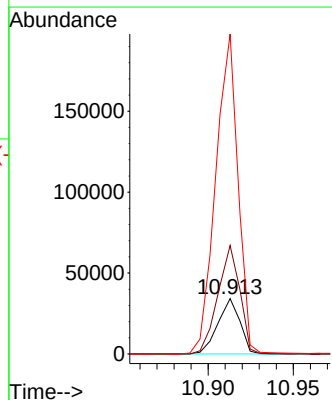
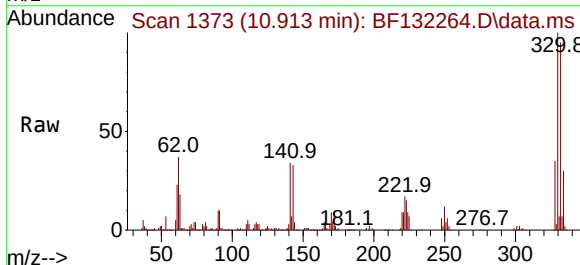
Instrument :
BNA_F
ClientSampleId :
JC-3-012723

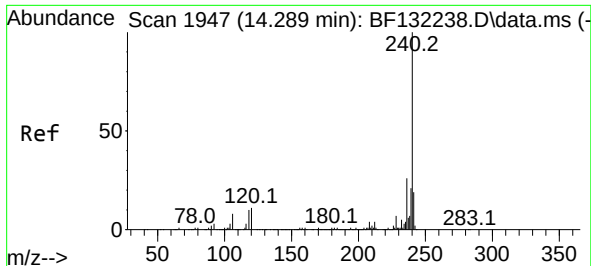
Tgt Ion:188 Resp: 651175
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.4 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 4.617 ng
RT: 10.913 min Scan# 1373
Delta R.T. -0.247 min
Lab File: BF132264.D
Acq: 01 Feb 2023 17:20

Tgt Ion:248 Resp: 30783
Ion Ratio Lower Upper
248 100
250 195.9 78.6 117.8#
141 578.0 61.6 92.4#

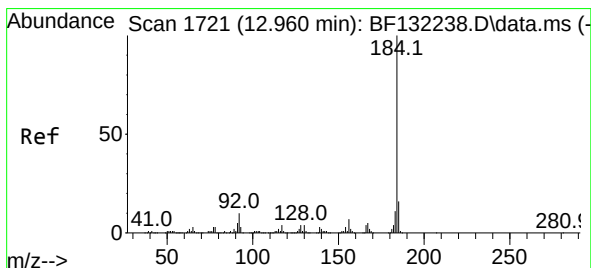
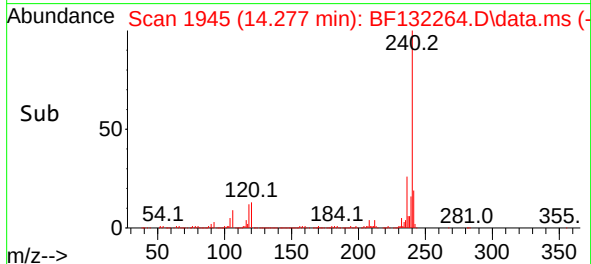
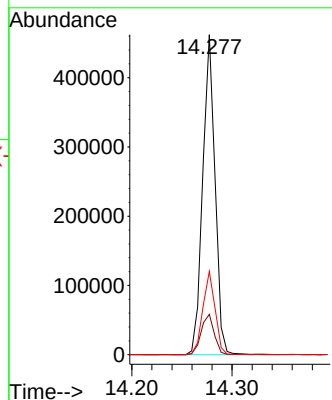
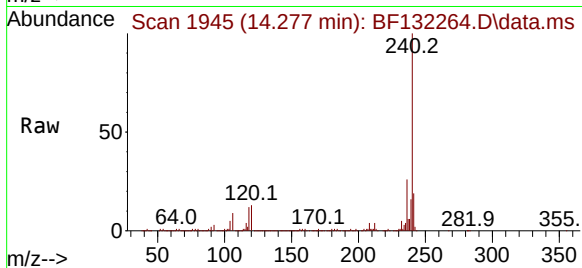




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132264.D
Acq: 01 Feb 2023 17:20

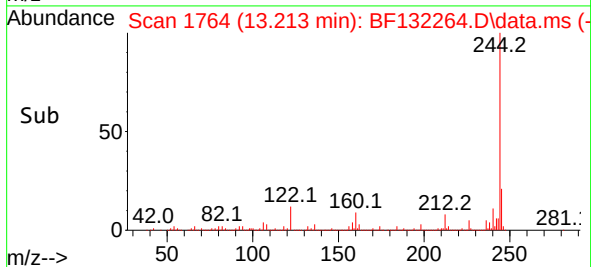
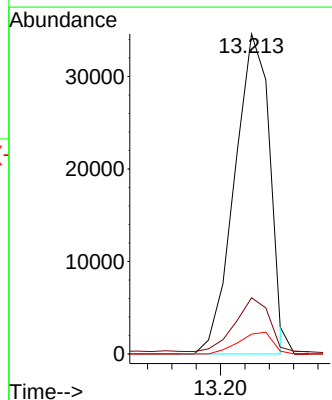
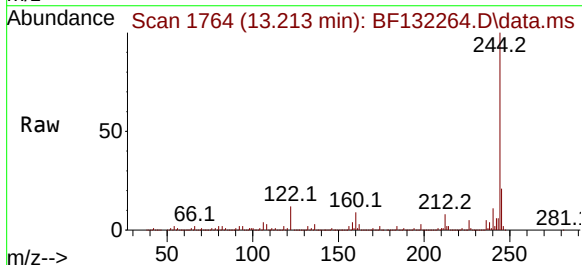
Instrument :
BNA_F
ClientSampleId :
JC-3-012723

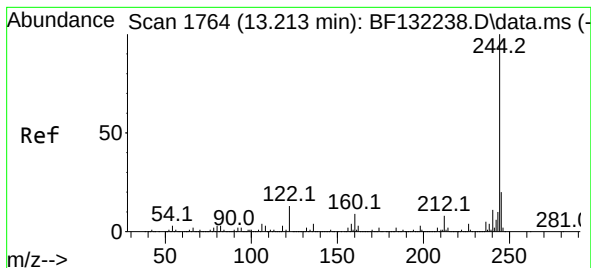
Tgt Ion:240 Resp: 397236
Ion Ratio Lower Upper
240 100
120 12.6 8.8 13.2
236 26.0 21.0 31.6



#77
Benzidine
Concen: 2.492 ng
RT: 13.213 min Scan# 1764
Delta R.T. 0.253 min
Lab File: BF132264.D
Acq: 01 Feb 2023 17:20

Tgt Ion:184 Resp: 34608
Ion Ratio Lower Upper
184 100
185 17.5 12.6 18.8
183 6.2 8.9 13.3





#79

Terphenyl-d14

Concen: 103.290 ng

RT: 13.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132264.D

Acq: 01 Feb 2023 17:20

Instrument :

BNA_F

ClientSampleId :

JC-3-012723

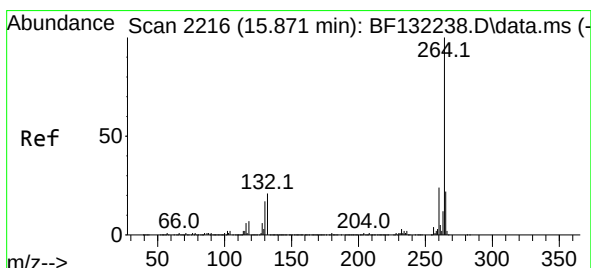
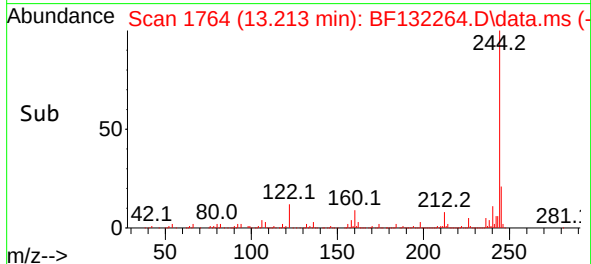
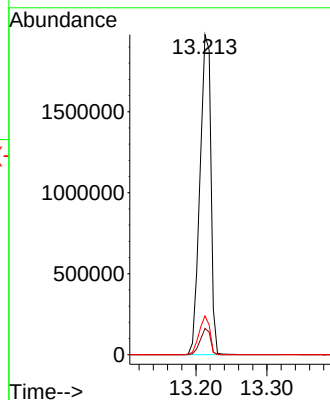
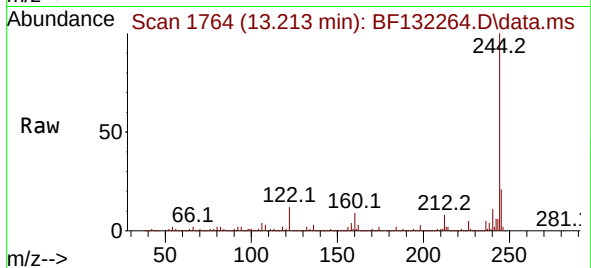
Tgt Ion:244 Resp: 2121097

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

122 12.1 10.5 15.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.865 min Scan# 2215

Delta R.T. -0.006 min

Lab File: BF132264.D

Acq: 01 Feb 2023 17:20

Tgt Ion:264 Resp: 337701

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 21.2 17.4 26.2

