

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132256.D
 Acq On : 01 Feb 2023 12:55
 Operator : CG\JU
 Sample : 01333-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-11

Quant Time: Feb 02 00:53:17 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)

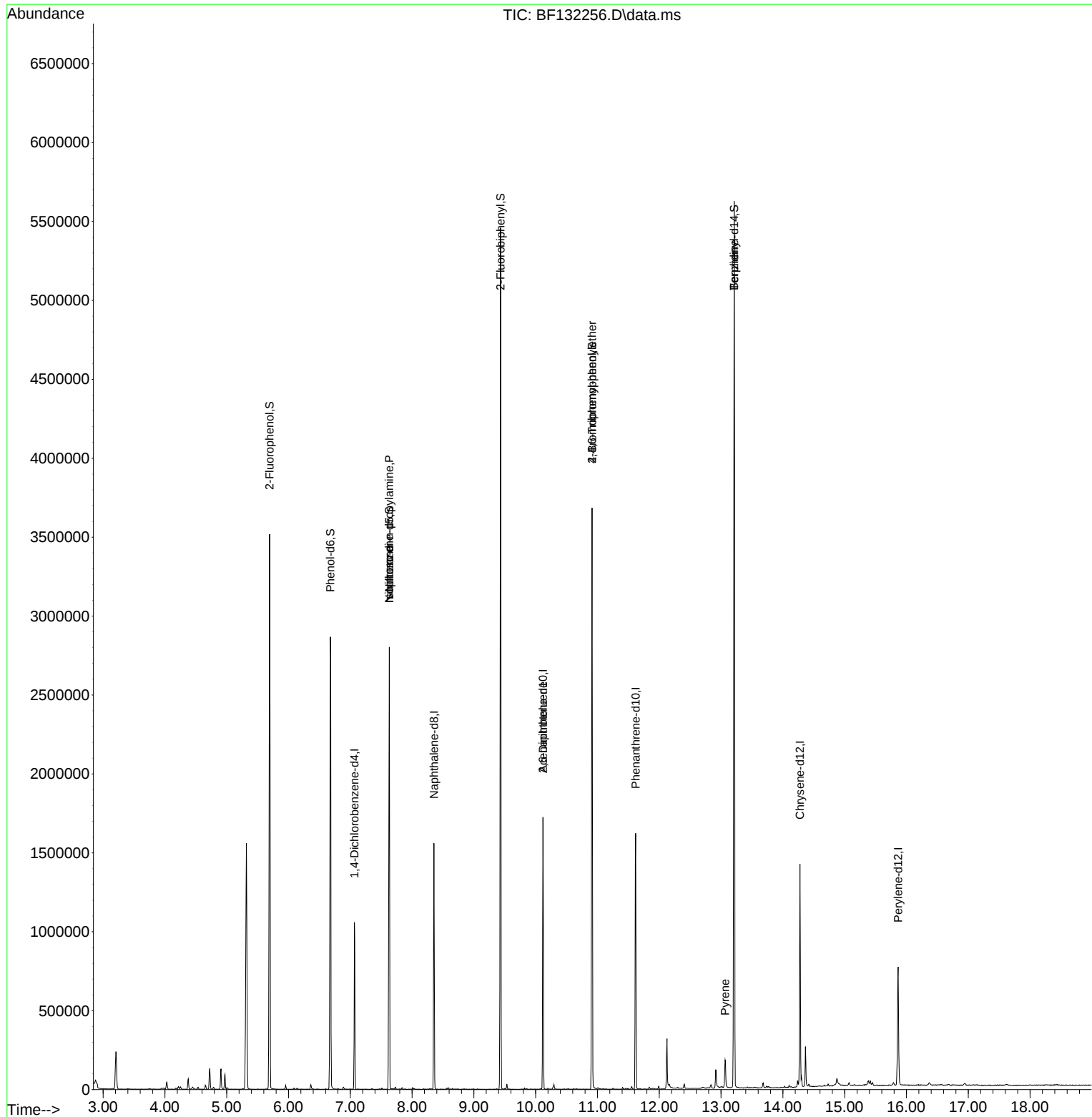
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	160947	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	617824	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	313995	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	586635	20.000	ng	0.00
76) Chrysene-d12	14.277	240	426889	20.000	ng	#-0.01
86) Perylene-d12	15.866	264	348988	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1137745	113.628	ng	0.01
7) Phenol-d6	6.678	99	1288127	104.348	ng	0.00
23) Nitrobenzene-d5	7.631	82	927320	83.523	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	449029	139.061	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1617308	79.540	ng	0.00
79) Terphenyl-d14	13.213	244	1992125	90.271	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.619	77	212	Below Cal	#	83
19) n-Nitroso-di-n-propyla...	7.631	70	115394	16.457	ng	# 78
25) Isophorone	7.631	82	927305	44.005	ng	# 64
51) 2,6-Dinitrotoluene	10.119	165	39992	8.153	ng	# 25
67) 4-Bromophenyl-phenylether	10.913	248	26464	4.405	ng	# 1
77) Benzidine	13.213	184	31693	2.124	ng	# 93
78) Pyrene	13.066	202	98295	2.863	ng	98

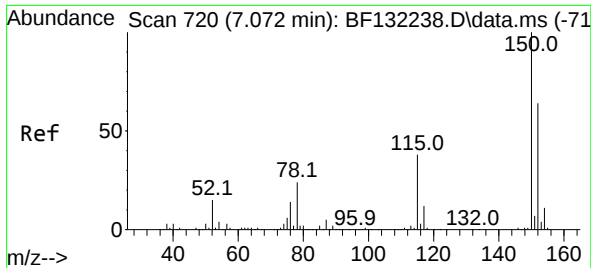
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampleId :
MH-11

Quant Time: Feb 02 00:53:17 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

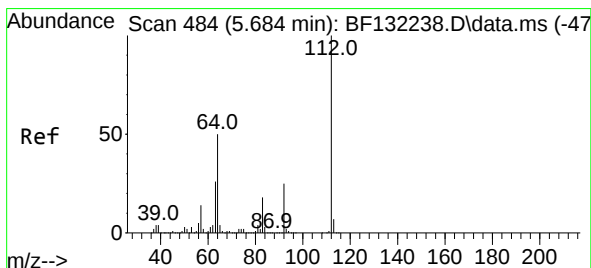
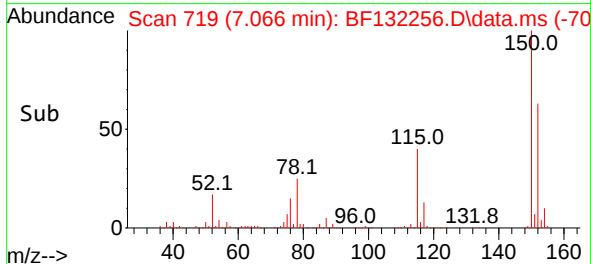
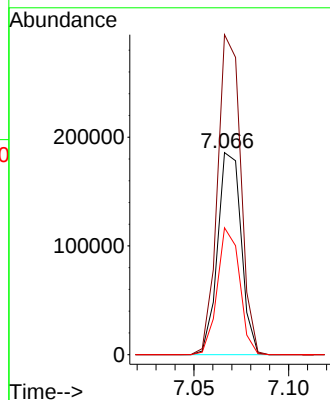
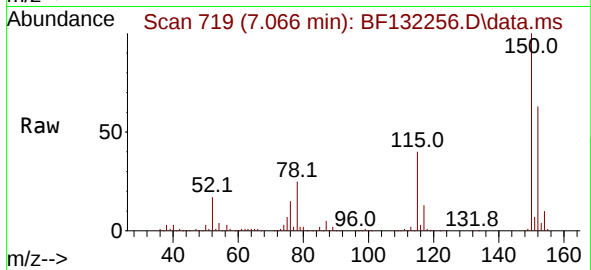




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.066 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132256.D
 Acq: 01 Feb 2023 12:55

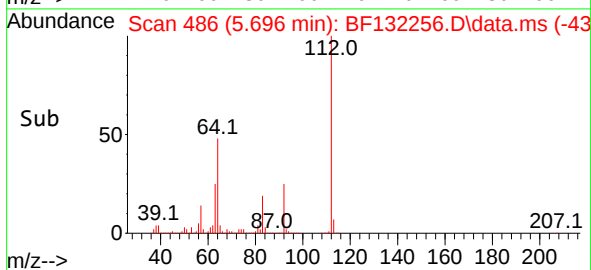
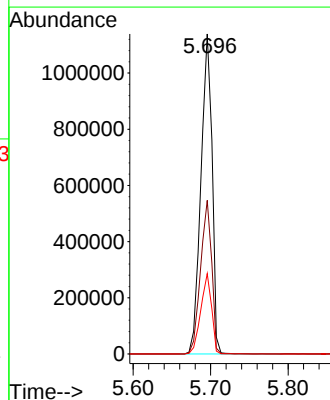
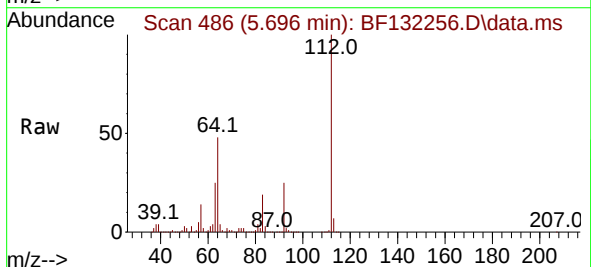
Instrument :
 BNA_F
 ClientSampleId :
 MH-11

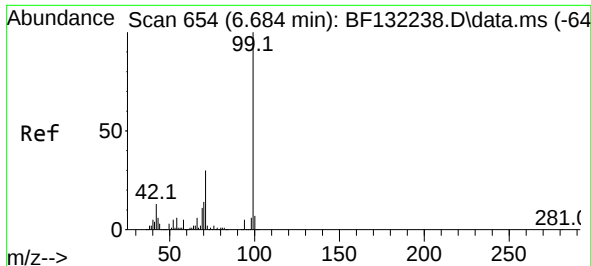
Tgt Ion:152 Resp: 160947
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.2 186.2
 115 62.8 47.3 70.9



#5
 2-Fluorophenol
 Concen: 113.628 ng
 RT: 5.696 min Scan# 486
 Delta R.T. 0.012 min
 Lab File: BF132256.D
 Acq: 01 Feb 2023 12:55

Tgt Ion:112 Resp: 1137745
 Ion Ratio Lower Upper
 112 100
 64 48.0 40.0 60.0
 63 25.1 20.5 30.7

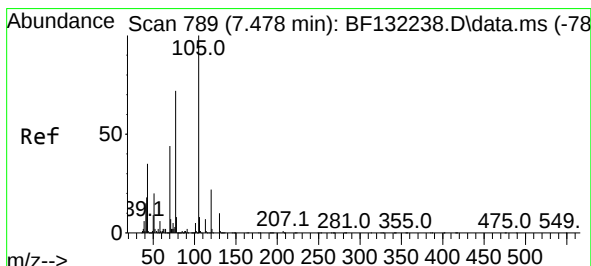
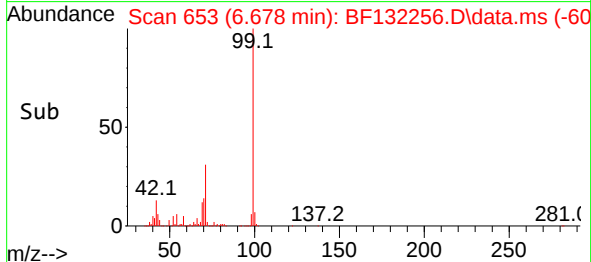
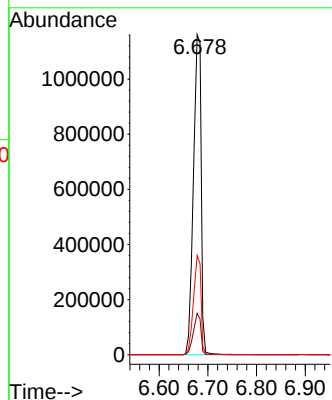
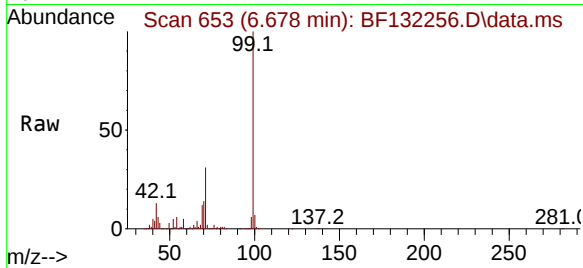




#7
Phenol-d6
Concen: 104.348 ng
RT: 6.678 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132256.D
Acq: 01 Feb 2023 12:55

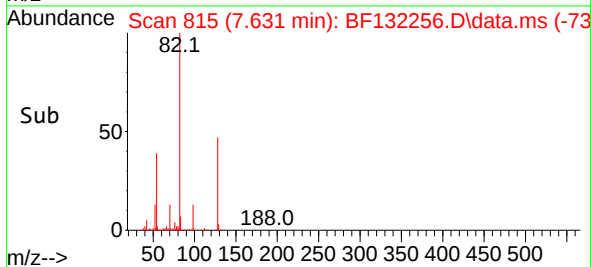
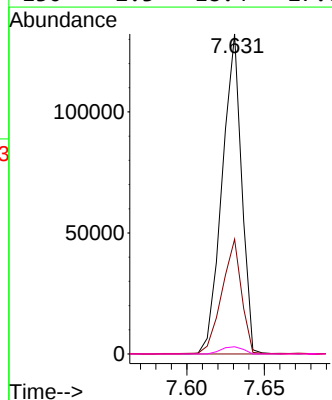
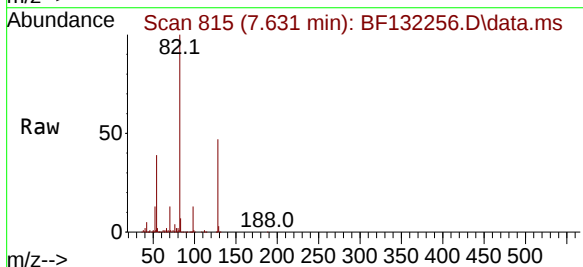
Instrument :
BNA_F
ClientSampleId :
MH-11

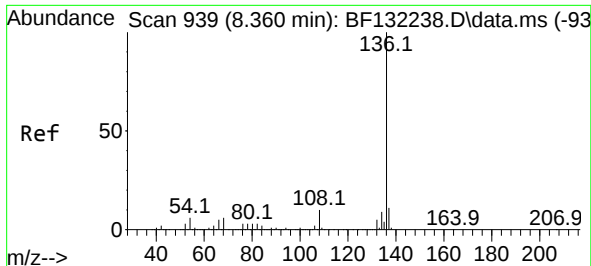
Tgt Ion: 99 Resp: 1288127
Ion Ratio Lower Upper
99 100
42 12.9 10.1 15.1
71 31.0 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.457 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132256.D
Acq: 01 Feb 2023 12:55

Tgt Ion: 70 Resp: 115394
Ion Ratio Lower Upper
70 100
42 35.8 33.4 50.0
101 0.0 8.2 12.4#
130 2.3 18.4 27.6#



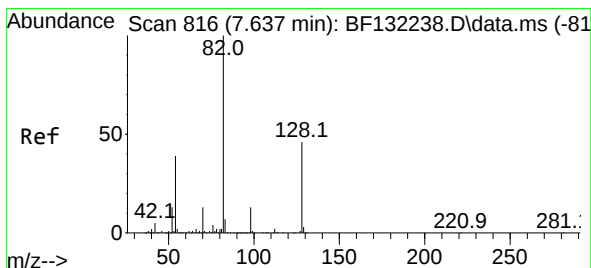
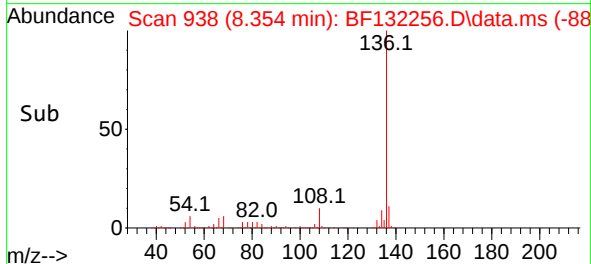
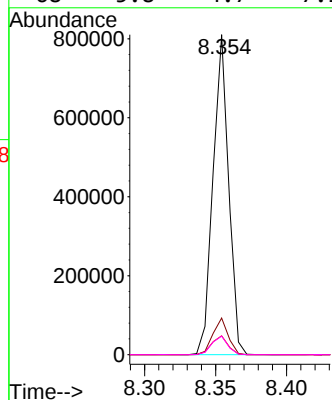
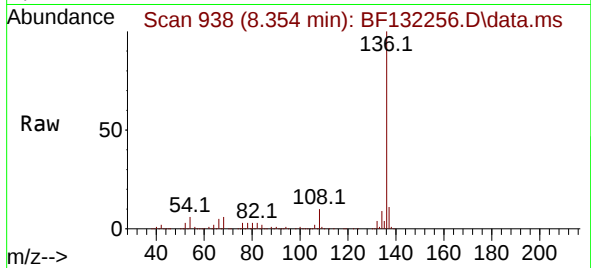


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132256.D
Acq: 01 Feb 2023 12:55

Instrument :
BNA_F
ClientSampleId :
MH-11

Tgt Ion:136 Resp: 617824

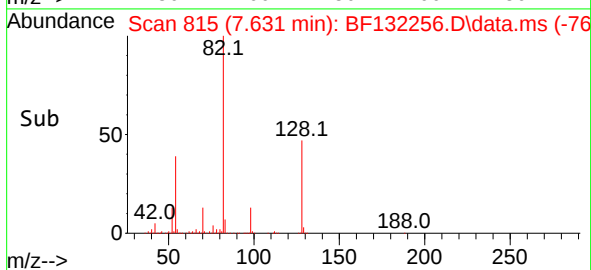
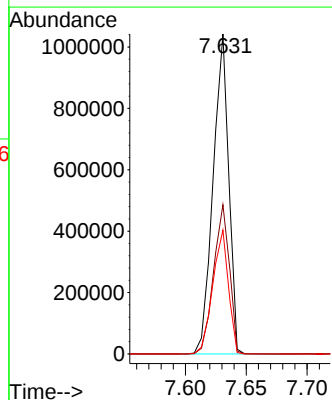
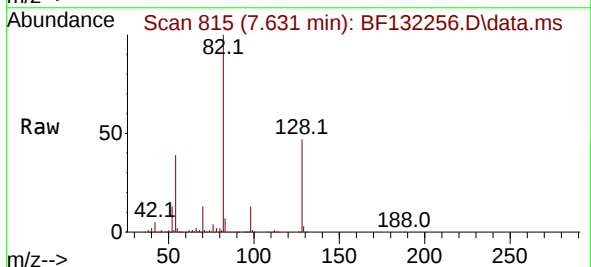
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	5.9	4.9	7.3
68	5.8	4.7	7.1

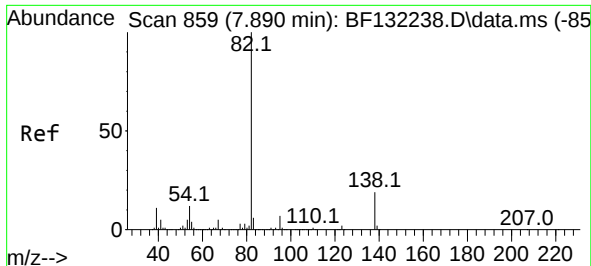


#23
Nitrobenzene-d5
Concen: 83.523 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132256.D
Acq: 01 Feb 2023 12:55

Tgt Ion: 82 Resp: 927320

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.0	55.4
54	38.7	31.5	47.3

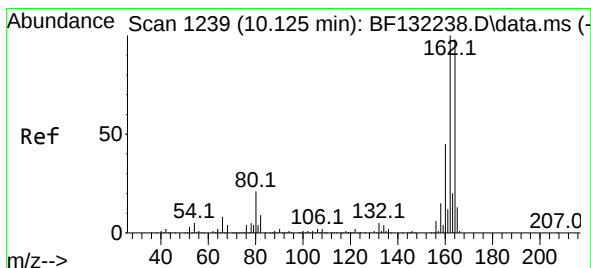
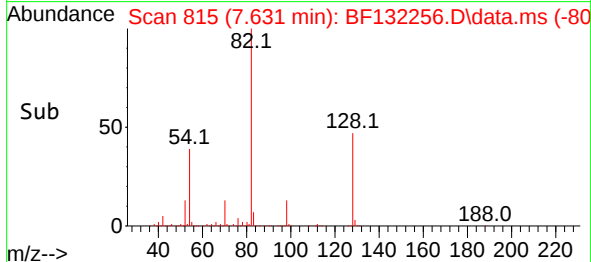
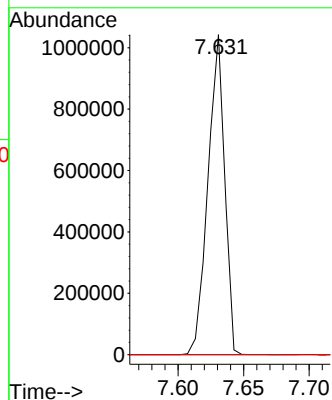
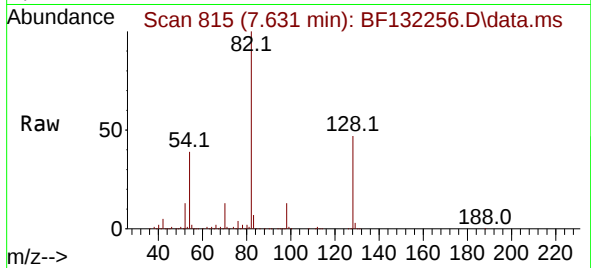




#25
Isophorone
Concen: 44.005 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132256.D
Acq: 01 Feb 2023 12:55

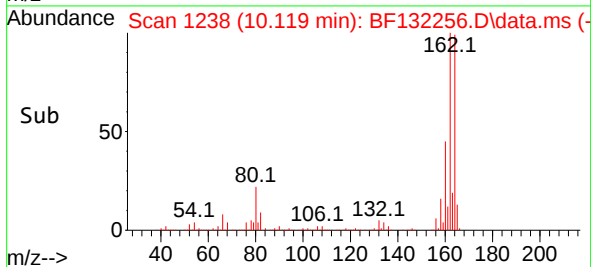
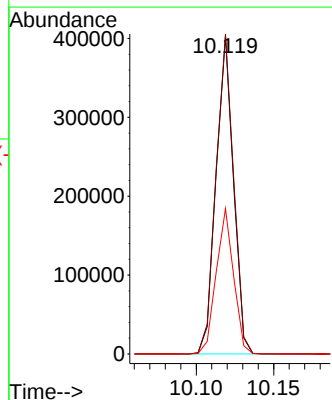
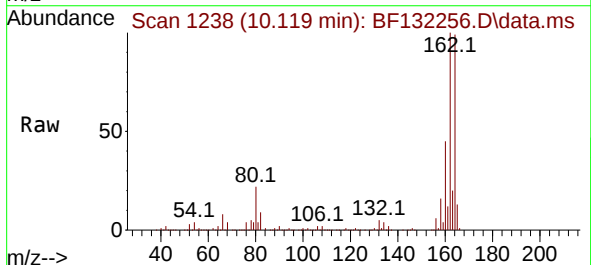
Instrument :
BNA_F
ClientSampleId :
MH-11

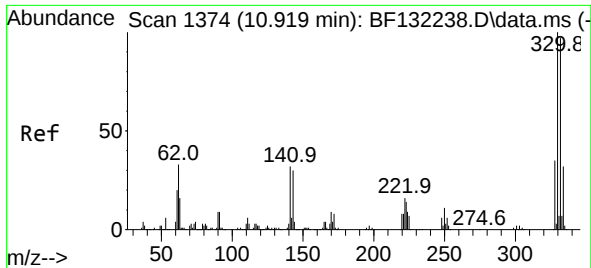
Tgt Ion: 82 Resp: 927305
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132256.D
Acq: 01 Feb 2023 12:55

Tgt Ion:164 Resp: 313995
Ion Ratio Lower Upper
164 100
162 100.6 82.0 123.0
160 45.7 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 139.061 ng

RT: 10.913 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132256.D

Acq: 01 Feb 2023 12:55

Instrument :

BNA_F

ClientSampleId :

MH-11

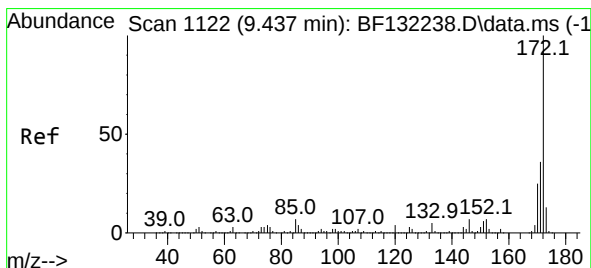
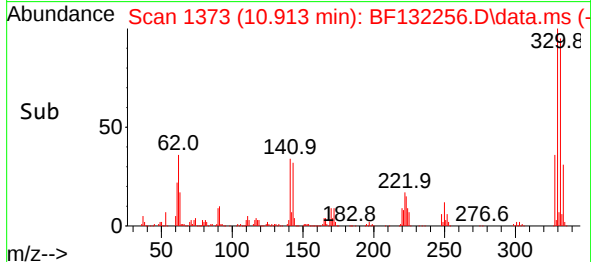
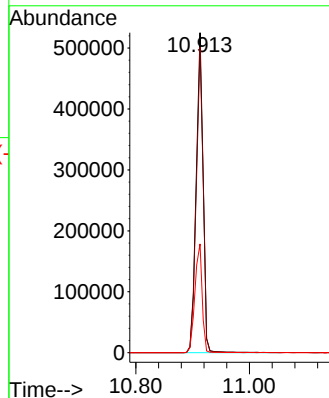
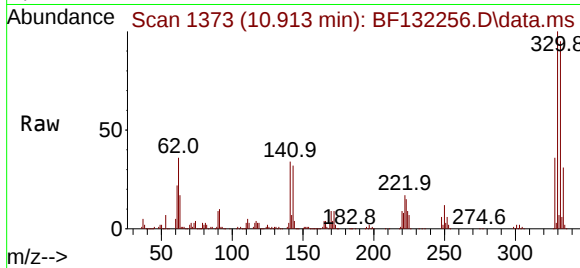
Tgt Ion:330 Resp: 449029

Ion Ratio Lower Upper

330 100

332 95.3 77.9 116.9

141 35.5 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 79.540 ng

RT: 9.431 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132256.D

Acq: 01 Feb 2023 12:55

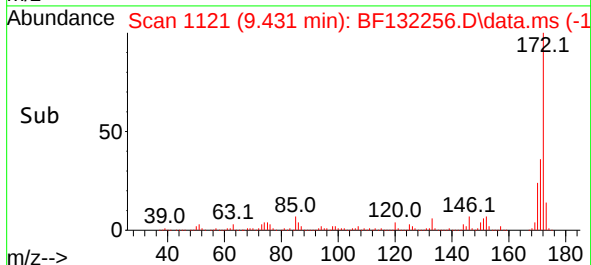
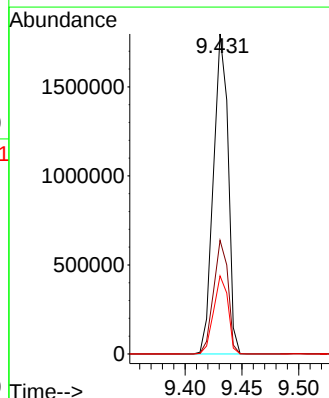
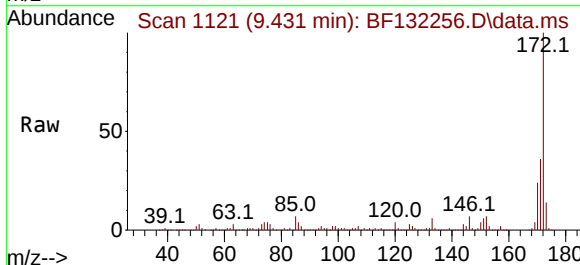
Tgt Ion:172 Resp: 1617308

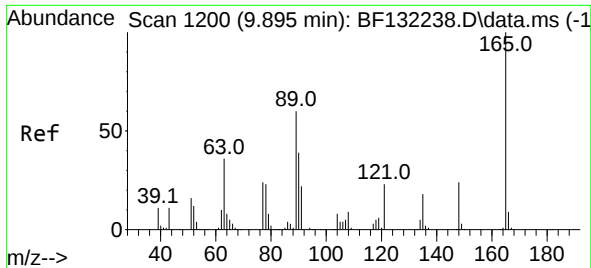
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 24.4 19.7 29.5

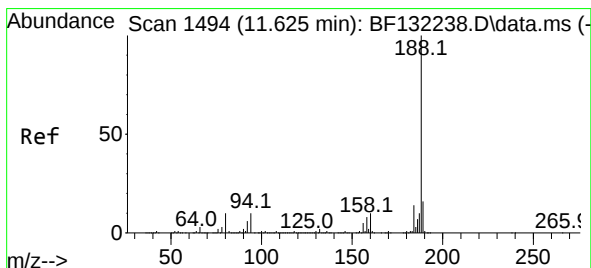
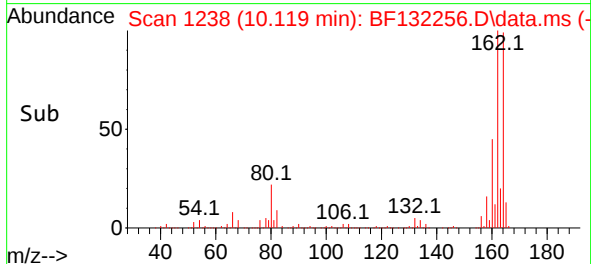
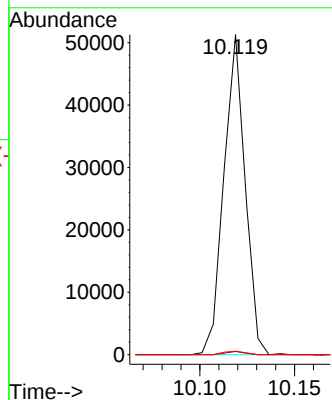
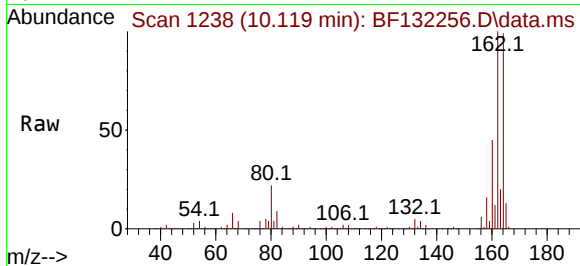




#51
2,6-Dinitrotoluene
Concen: 8.153 ng
RT: 10.119 min Scan# 11
Delta R.T. 0.224 min
Lab File: BF132256.D
Acq: 01 Feb 2023 12:55

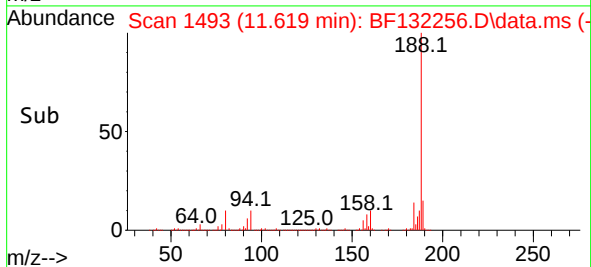
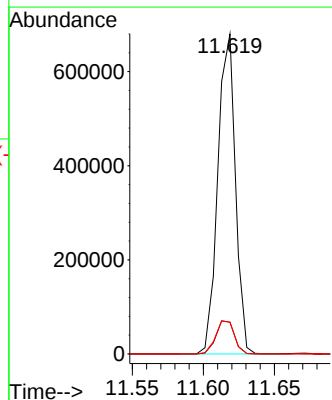
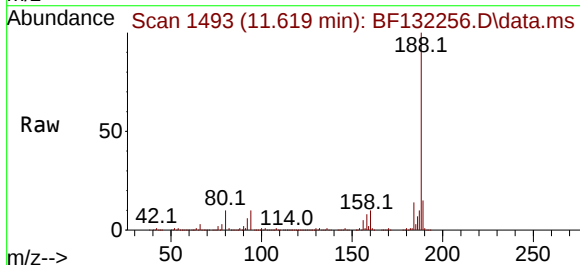
Instrument :
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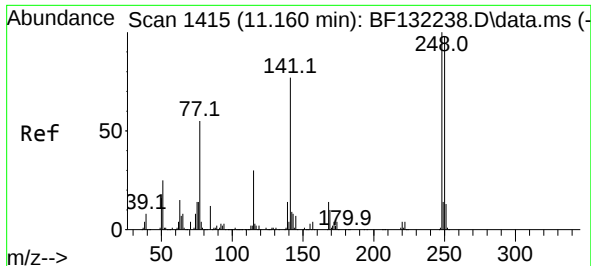
Tgt Ion:165 Resp: 39992
Ion Ratio Lower Upper
165 100
63 1.0 41.5 62.3#
89 1.1 48.1 72.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132256.D
Acq: 01 Feb 2023 12:55

Tgt Ion:188 Resp: 586635
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 9.9 8.3 12.5

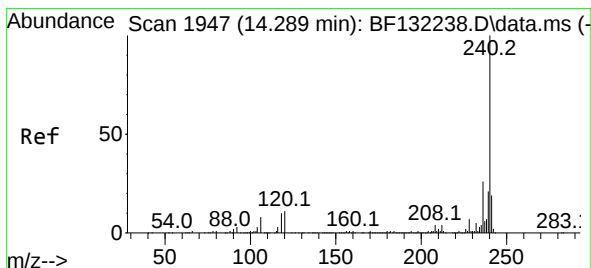
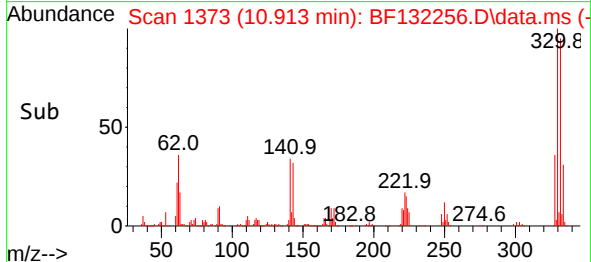
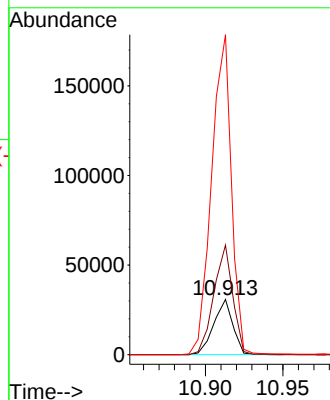
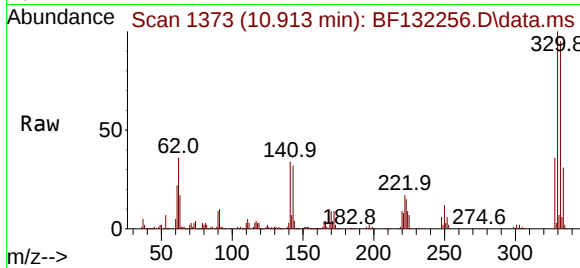




#67
4-Bromophenyl-phenylether
Concen: 4.405 ng
RT: 10.913 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF132256.D
Acq: 01 Feb 2023 12:55

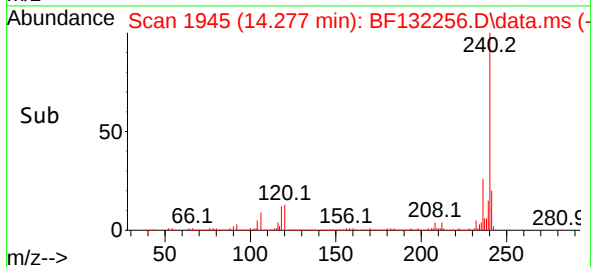
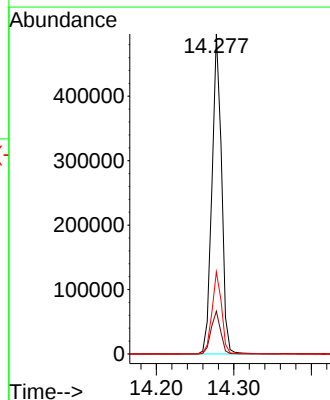
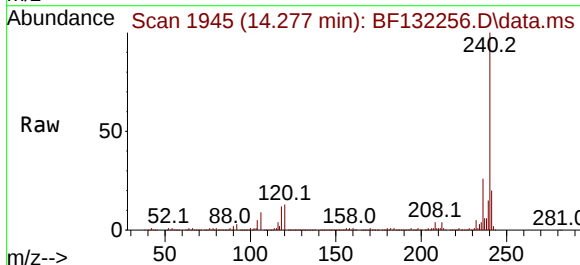
Instrument :
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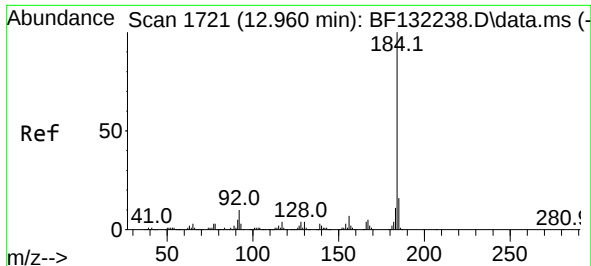
Tgt Ion:248 Resp: 26464
Ion Ratio Lower Upper
248 100
250 198.6 78.6 117.8#
141 580.0 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132256.D
Acq: 01 Feb 2023 12:55

Tgt Ion:240 Resp: 426889
Ion Ratio Lower Upper
240 100
120 13.4 8.8 13.2#
236 25.6 21.0 31.6

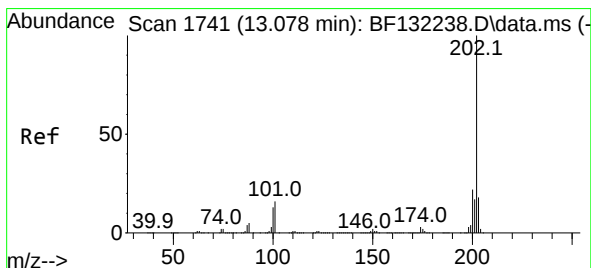
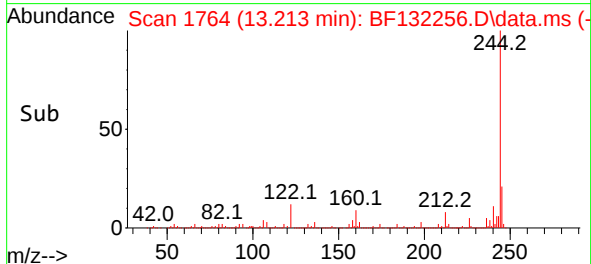
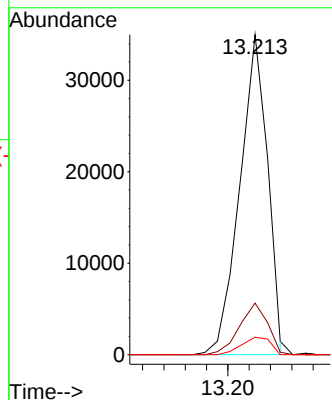
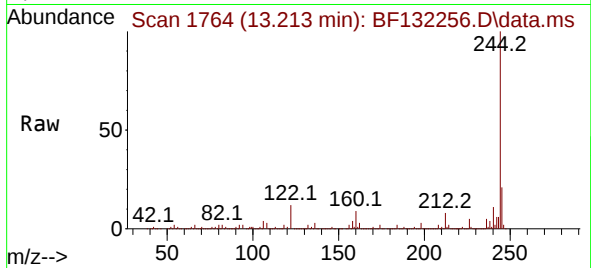




#77
Benzidine
Concen: 2.124 ng
RT: 13.213 min Scan# 1764
Delta R.T. 0.253 min
Lab File: BF132256.D
Acq: 01 Feb 2023 12:55

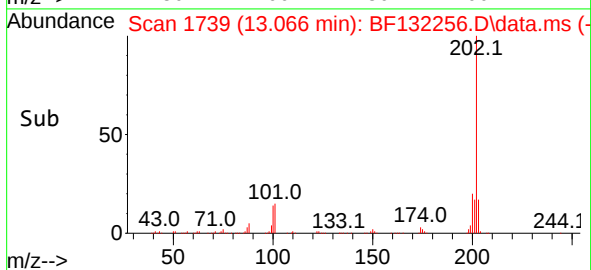
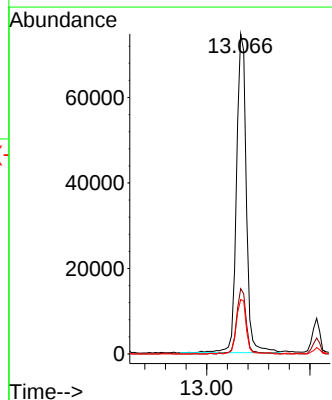
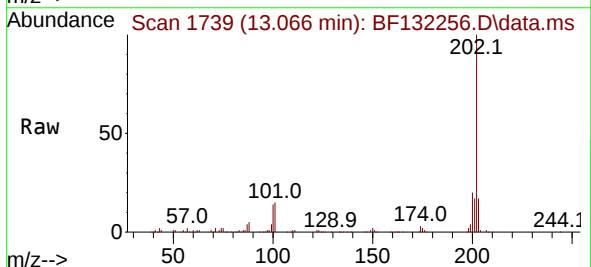
Instrument :
BNA_F
ClientSampleId :
MH-11

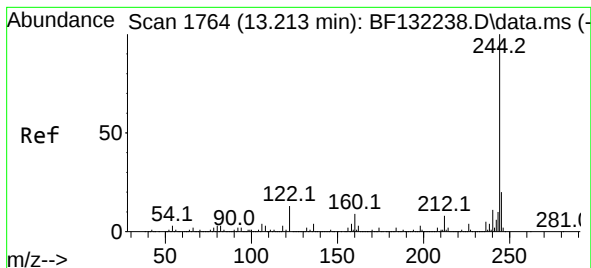
Tgt Ion:184 Resp: 31693
Ion Ratio Lower Upper
184 100
185 16.1 12.6 18.8
183 5.5 8.9 13.3#



#78
Pyrene
Concen: 2.863 ng
RT: 13.066 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BF132256.D
Acq: 01 Feb 2023 12:55

Tgt Ion:202 Resp: 98295
Ion Ratio Lower Upper
202 100
200 20.4 17.3 25.9
203 17.0 14.4 21.6





#79

Terphenyl-d14

Concen: 90.271 ng

RT: 13.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132256.D

Acq: 01 Feb 2023 12:55

Instrument :

BNA_F

ClientSampleId :

MH-11

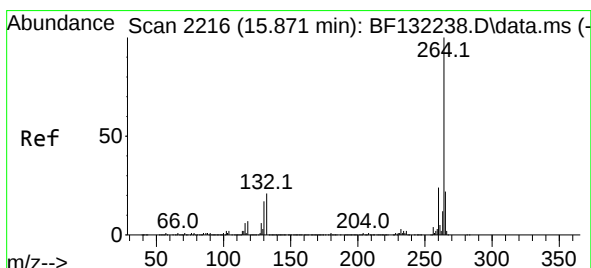
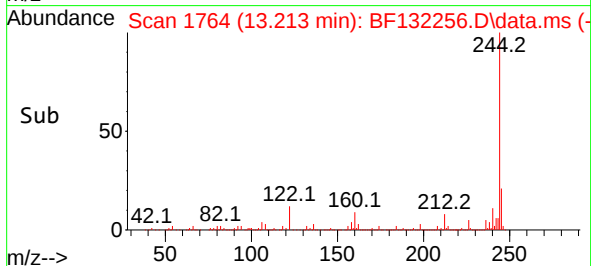
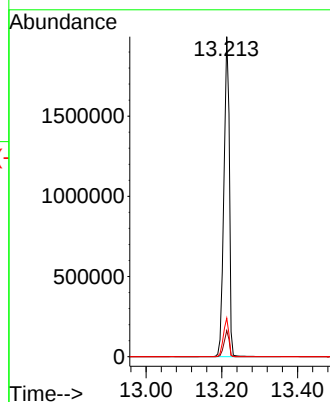
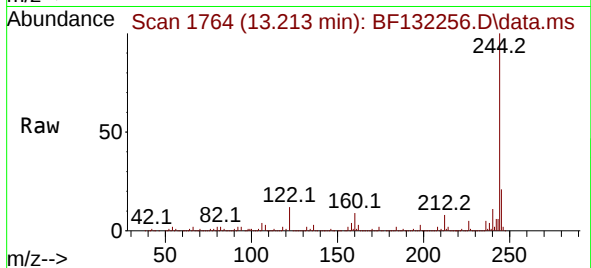
Tgt Ion:244 Resp: 1992125

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

122 12.0 10.5 15.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.866 min Scan# 2215

Delta R.T. -0.006 min

Lab File: BF132256.D

Acq: 01 Feb 2023 12:55

Tgt Ion:264 Resp: 348988

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.3 17.4 26.2

