

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
 Data File : BF130212.D
 Acq On : 12 Sep 2022 19:03
 Operator : CG\JU
 Sample : N4553-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 256074-2

Quant Time: Sep 13 14:26:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

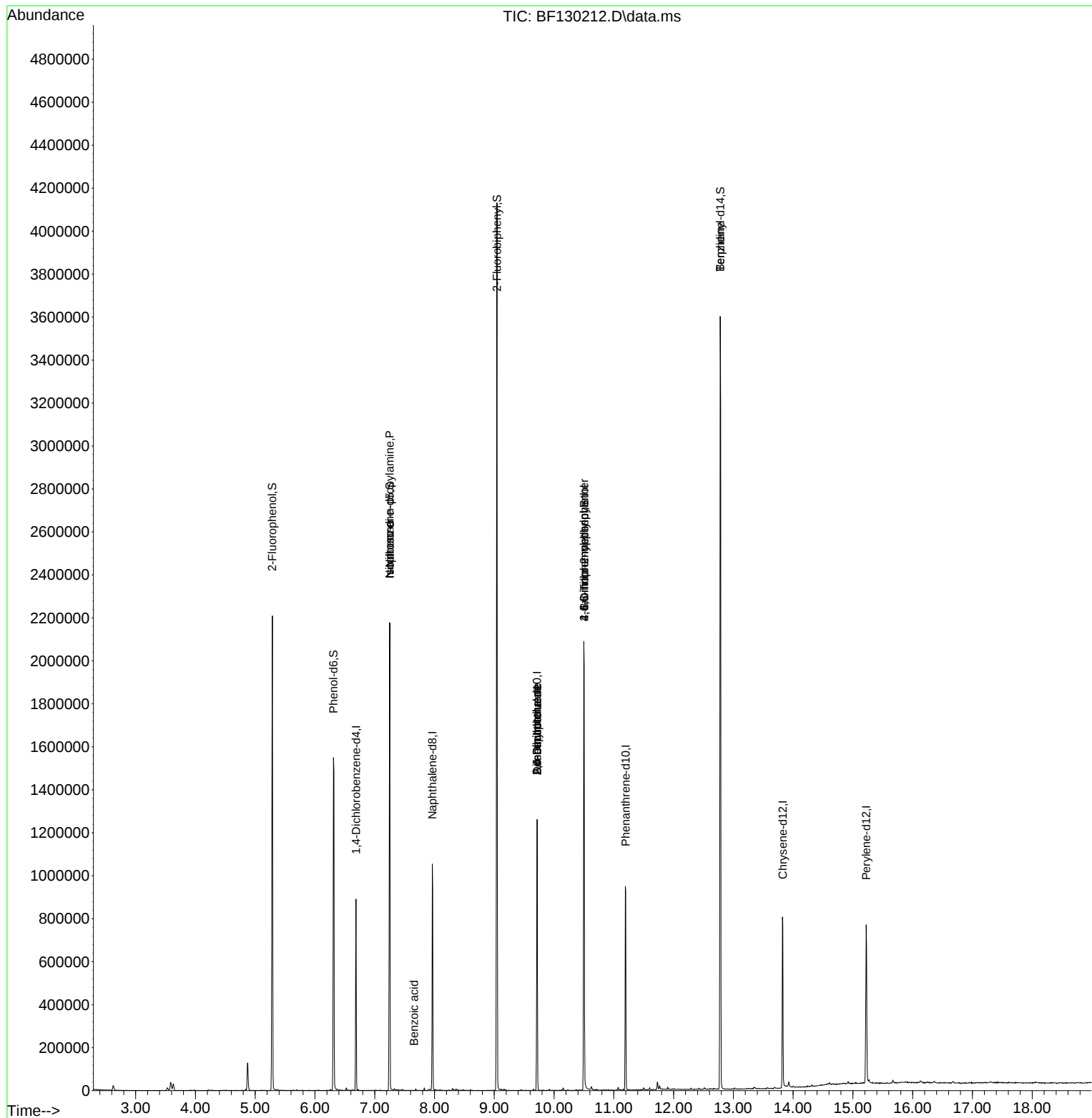
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.687	152	113134	20.000	ng	-0.01
21) Naphthalene-d8	7.963	136	445298	20.000	ng	-0.02
39) Acenaphthene-d10	9.716	164	220960	20.000	ng	-0.02
64) Phenanthrene-d10	11.198	188	340739	20.000	ng	-0.01
76) Chrysene-d12	13.827	240	266316	20.000	ng	-0.02
86) Perylene-d12	15.221	264	299172	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	565839	84.908	ng	-0.01
7) Phenol-d6	6.310	99	517794	62.323	ng	-0.02
23) Nitrobenzene-d5	7.251	82	640404	92.424	ng	-0.02
42) 2,4,6-Tribromophenol	10.504	330	235730	117.200	ng	-0.02
45) 2-Fluorobiphenyl	9.045	172	1113579	83.557	ng	-0.01
79) Terphenyl-d14	12.780	244	1170552	76.221	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.251	70	85324	17.047	ng	# 78
25) Isophorone	7.251	82	640400	45.664	ng	# 65
32) Benzoic acid	7.657	122	70	6.585	ng	91
50) Dimethylphthalate	9.716	163	42601	2.831	ng	# 1
51) 2,6-Dinitrotoluene	9.716	165	28106	9.578	ng	# 23
57) 2,4-Dinitrotoluene	9.716	165	28106	8.320	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.504	198	499	6.352	ng	# 1
67) 4-Bromophenyl-phenylether	10.504	248	14639	3.862	ng	# 1
77) Benzidine	12.780	184	17516	2.436	ng	# 94

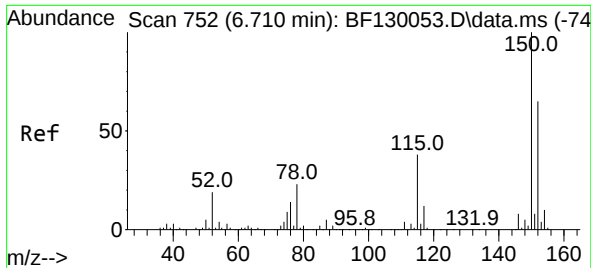
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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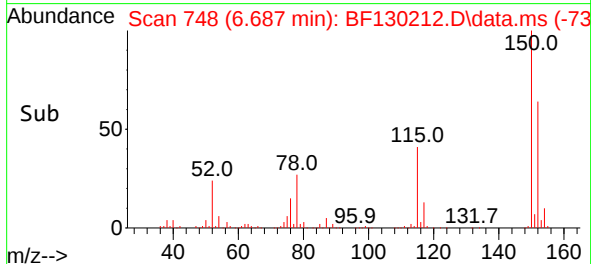
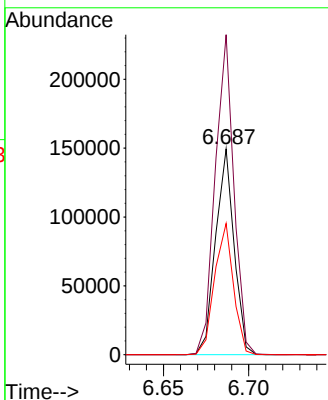
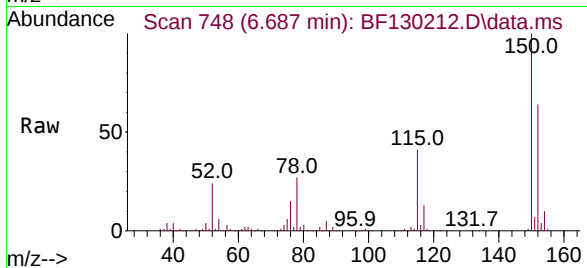




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.687 min Scan# 74
 Delta R.T. -0.011 min
 Lab File: BF130212.D
 Acq: 12 Sep 2022 19:03

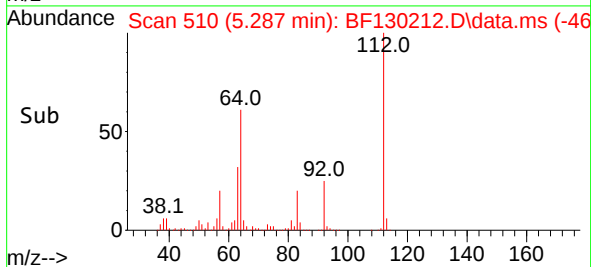
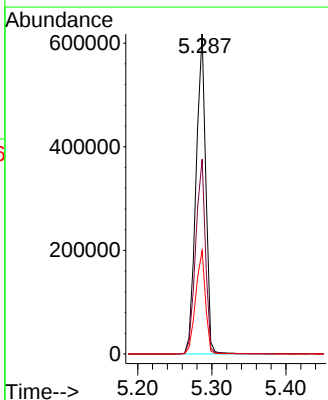
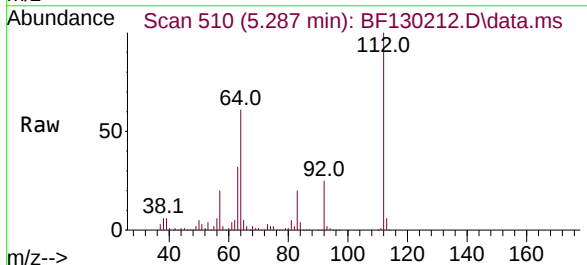
Instrument :
 BNA_F
 ClientSampleId :
 256074-2

Tgt Ion:152 Resp: 113134
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.9 190.3
 115 63.8 53.4 80.0



#5
 2-Fluorophenol
 Concen: 84.908 ng
 RT: 5.287 min Scan# 510
 Delta R.T. -0.012 min
 Lab File: BF130212.D
 Acq: 12 Sep 2022 19:03

Tgt Ion:112 Resp: 565839
 Ion Ratio Lower Upper
 112 100
 64 60.9 47.6 71.4
 63 32.3 24.6 37.0

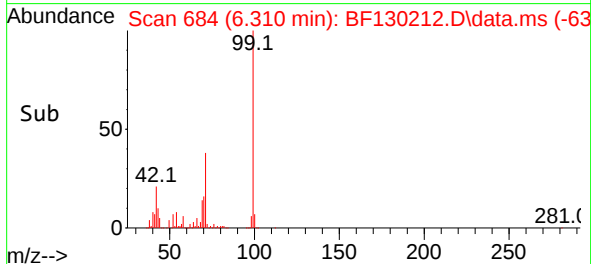
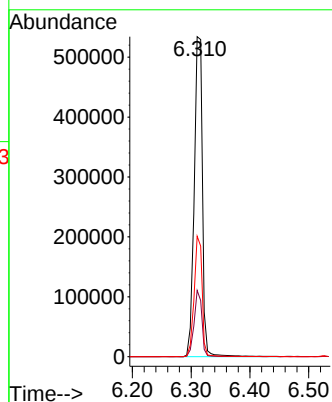
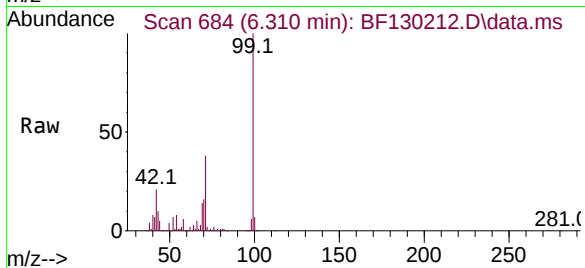




#7
Phenol-d6
Concen: 62.323 ng
RT: 6.310 min Scan# 61
Delta R.T. -0.023 min
Lab File: BF130212.D
Acq: 12 Sep 2022 19:03

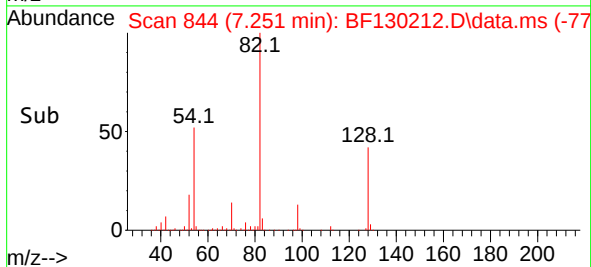
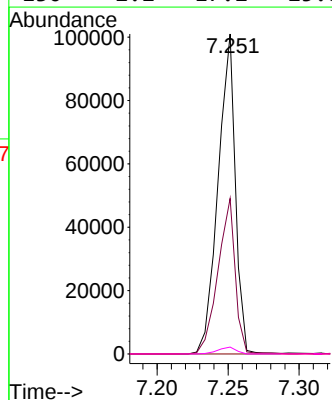
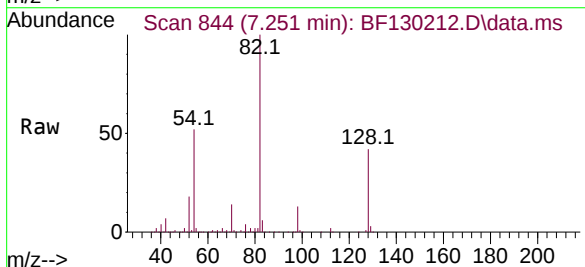
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BNA_F
ClientSampleId :
256074-2

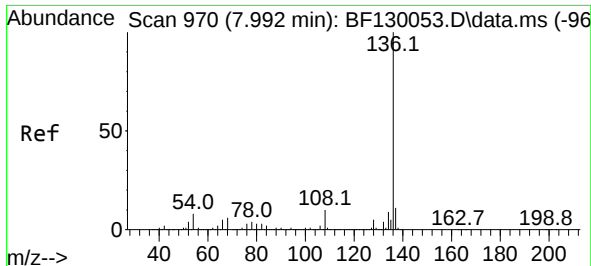
Tgt Ion: 99 Resp: 517794
Ion Ratio Lower Upper
99 100
42 20.7 15.0 22.4
71 37.7 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.047 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.124 min
Lab File: BF130212.D
Acq: 12 Sep 2022 19:03

Tgt Ion: 70 Resp: 85324
Ion Ratio Lower Upper
70 100
42 48.6 47.6 71.4
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#

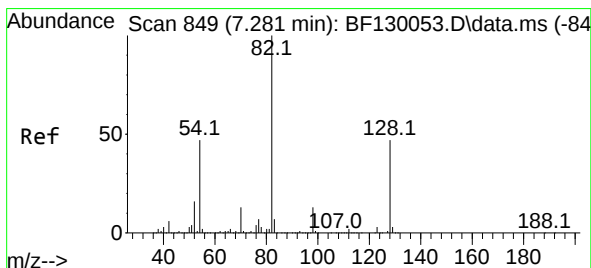
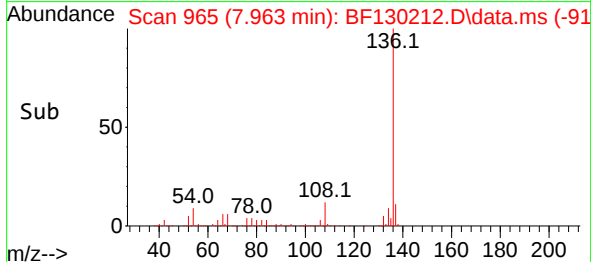
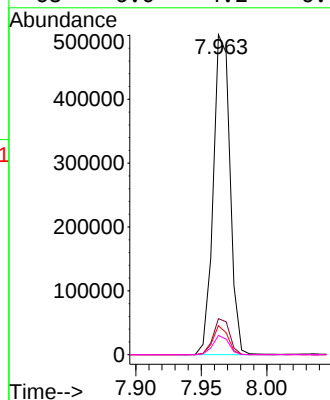
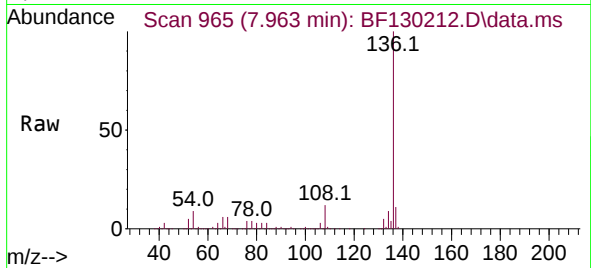




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.963 min Scan# 90
Delta R.T. -0.018 min
Lab File: BF130212.D
Acq: 12 Sep 2022 19:03

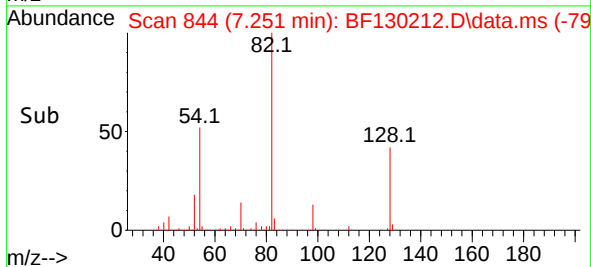
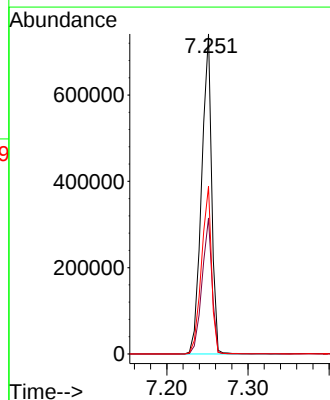
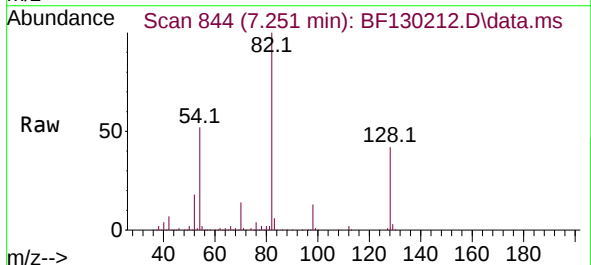
Instrument :
BNA_F
ClientSampleId :
256074-2

Tgt	Ion:136	Resp:	445298
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	9.0	6.2	9.2
68	6.0	4.2	6.4



#23
Nitrobenzene-d5
Concen: 92.424 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.018 min
Lab File: BF130212.D
Acq: 12 Sep 2022 19:03

Tgt Ion: 82	Resp: 640404
Ion Ratio	Lower Upper
82 100	
128 42.5	36.1 54.1
54 52.3	40.0 60.0

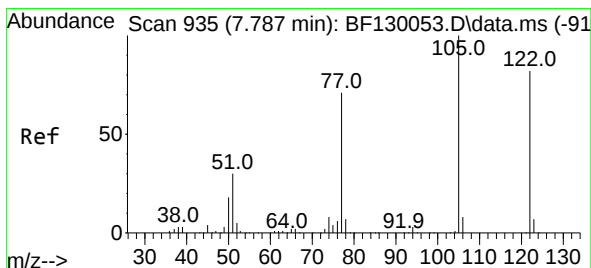
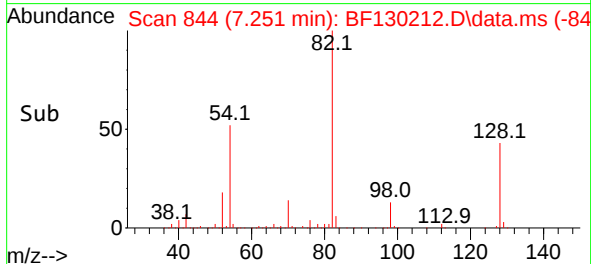
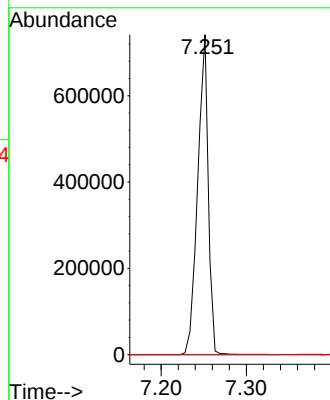
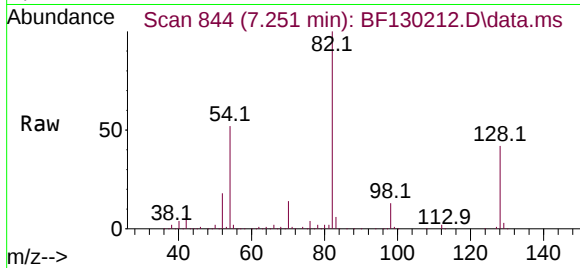




#25
Isophorone
Concen: 45.664 ng
RT: 7.251 min Scan# 84
Delta R.T. -0.276 min
Lab File: BF130212.D
Acq: 12 Sep 2022 19:03

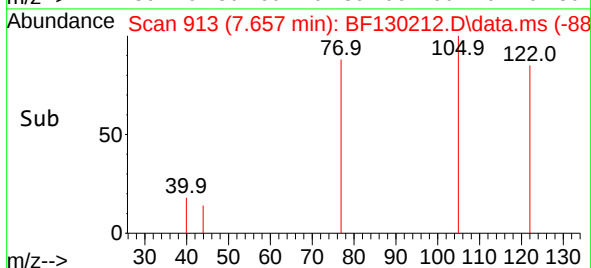
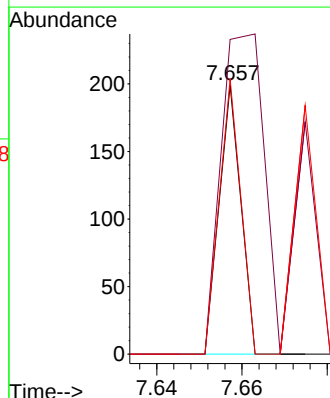
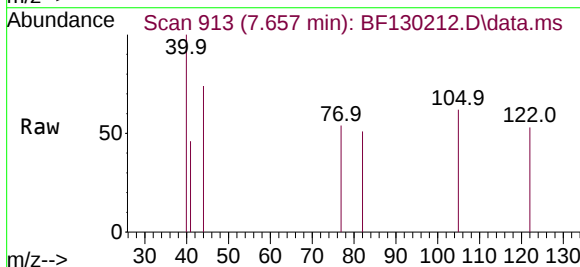
Instrument :
BNA_F
ClientSampleId :
256074-2

Tgt Ion: 82 Resp: 640400
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.585 ng
RT: 7.657 min Scan# 913
Delta R.T. -0.112 min
Lab File: BF130212.D
Acq: 12 Sep 2022 19:03

Tgt Ion: 122 Resp: 70
Ion Ratio Lower Upper
122 100
105 117.1 99.9 139.9
77 102.5 65.9 105.9

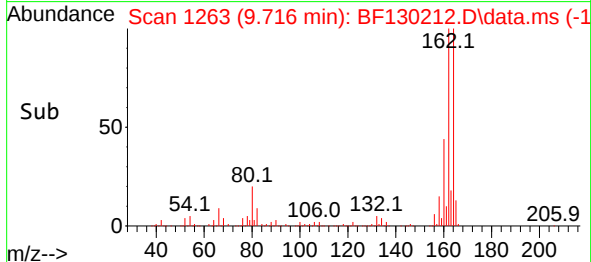
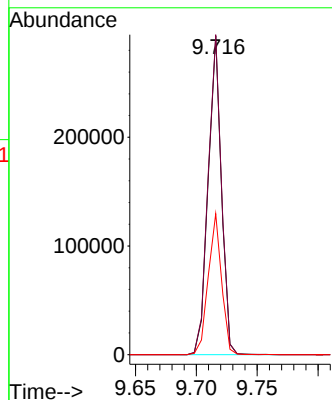
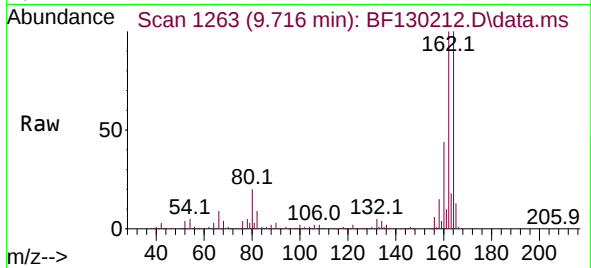




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF130212.D
Acq: 12 Sep 2022 19:03

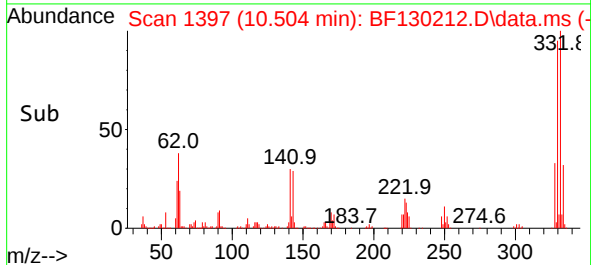
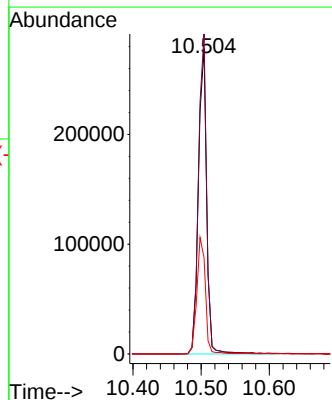
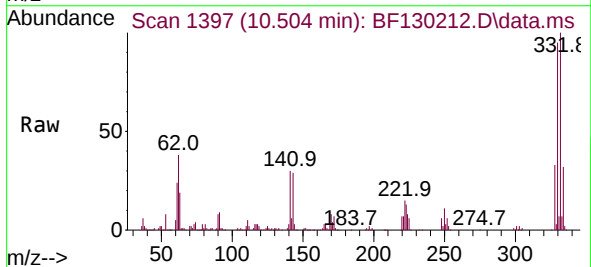
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BNA_F
ClientSampleId :
256074-2

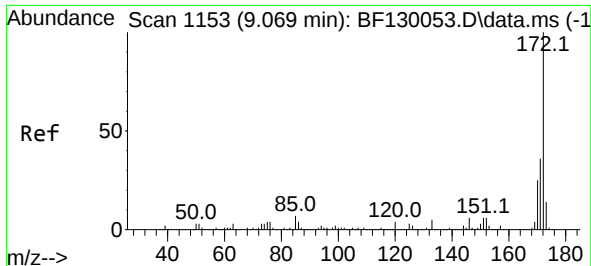
Tgt Ion:164 Resp: 220960
Ion Ratio Lower Upper
164 100
162 100.4 82.0 123.0
160 44.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 117.200 ng
RT: 10.504 min Scan# 1397
Delta R.T. -0.018 min
Lab File: BF130212.D
Acq: 12 Sep 2022 19:03

Tgt Ion:330 Resp: 235730
Ion Ratio Lower Upper
330 100
332 102.8 82.6 124.0
141 39.4 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 83.557 ng

RT: 9.045 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF130212.D

Acq: 12 Sep 2022 19:03

Instrument :

BNA_F

ClientSampleId :

256074-2

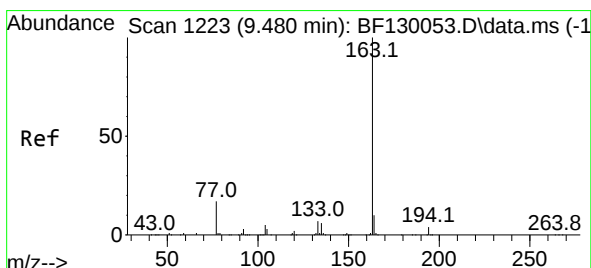
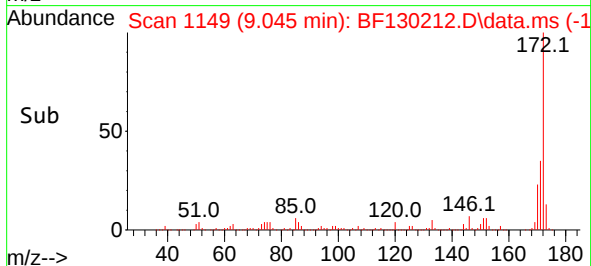
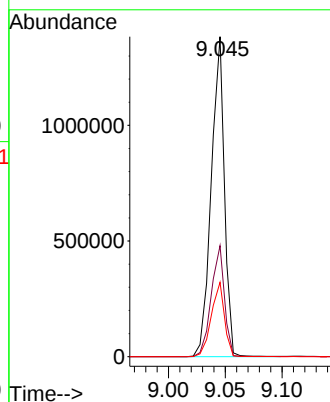
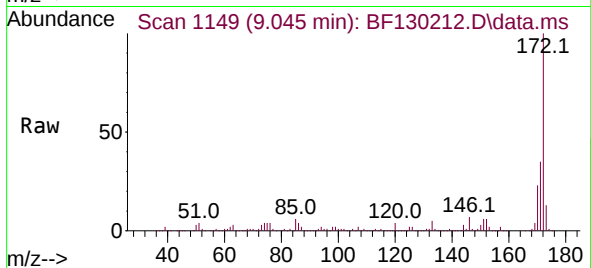
Tgt Ion:172 Resp: 1113579

Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 23.3 19.1 28.7



#50

Dimethylphthalate

Concen: 2.831 ng

RT: 9.716 min Scan# 1263

Delta R.T. 0.247 min

Lab File: BF130212.D

Acq: 12 Sep 2022 19:03

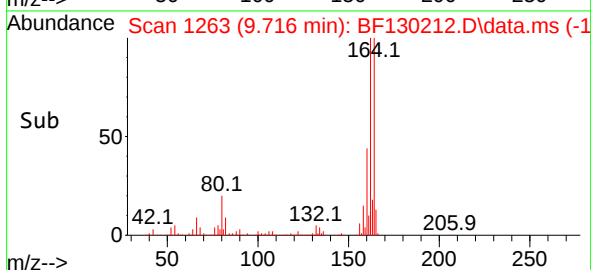
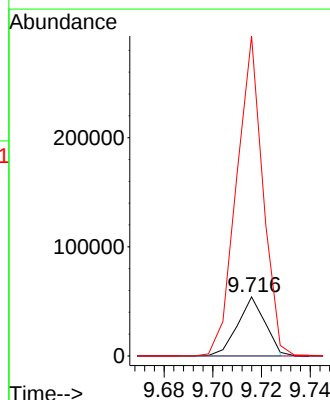
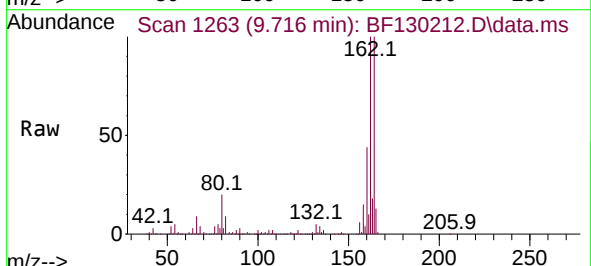
Tgt Ion:163 Resp: 42601

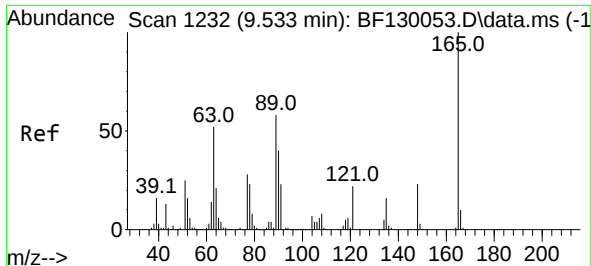
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 541.2 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.578 ng

RT: 9.716 min Scan# 1

Delta R.T. 0.188 min

Lab File: BF130212.D

Acq: 12 Sep 2022 19:03

Instrument :

BNA_F

ClientSampleId :

256074-2

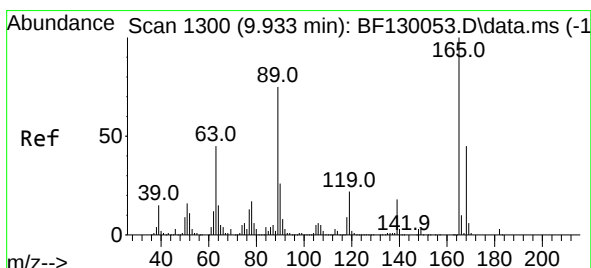
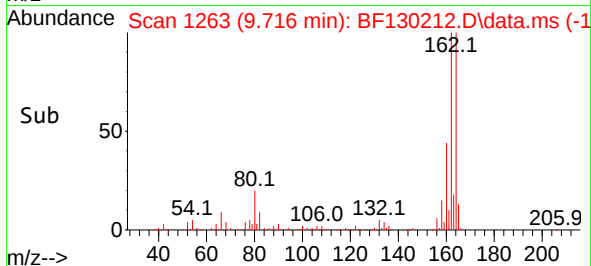
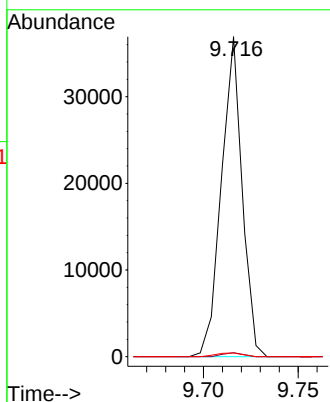
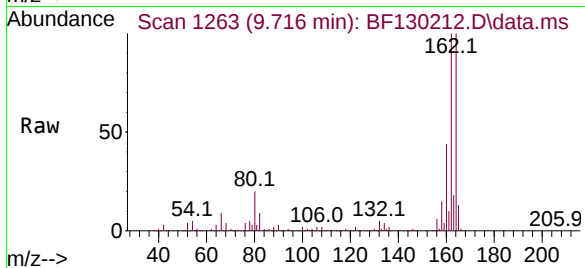
Tgt Ion:165 Resp: 28106

Ion Ratio Lower Upper

165 100

63 1.2 47.8 71.8#

89 1.2 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.320 ng

RT: 9.716 min Scan# 1263

Delta R.T. -0.206 min

Lab File: BF130212.D

Acq: 12 Sep 2022 19:03

Tgt Ion:165 Resp: 28106

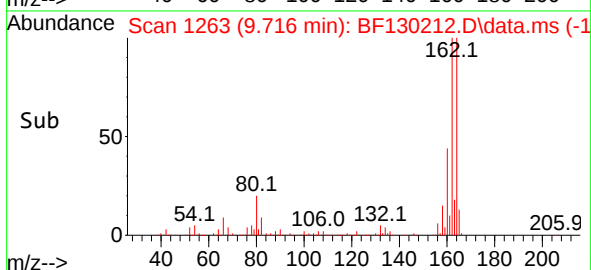
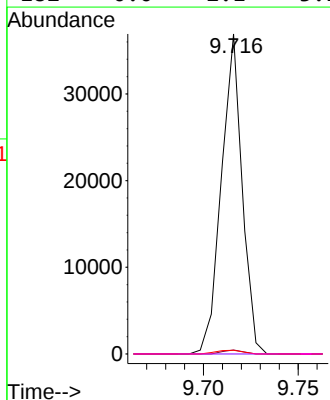
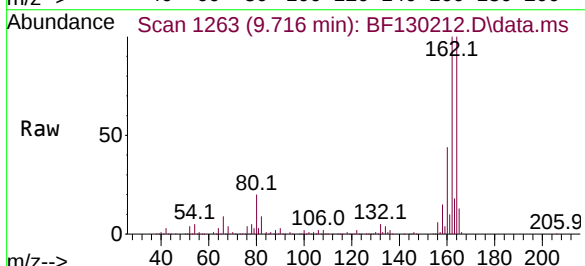
Ion Ratio Lower Upper

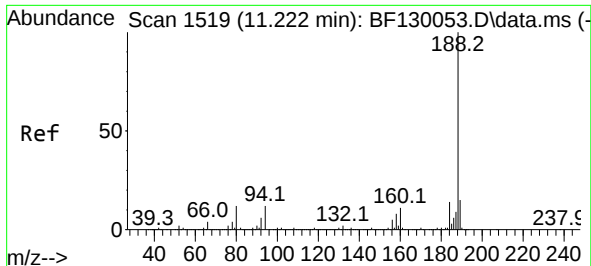
165 100

63 1.2 48.4 72.6#

89 1.2 62.3 93.5#

182 0.0 2.1 3.1#

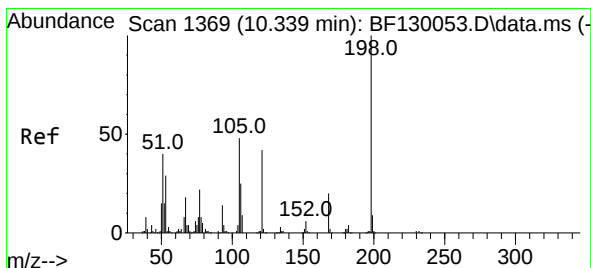
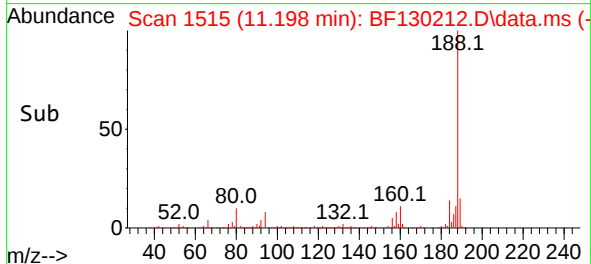
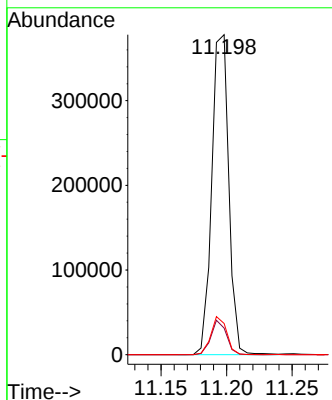
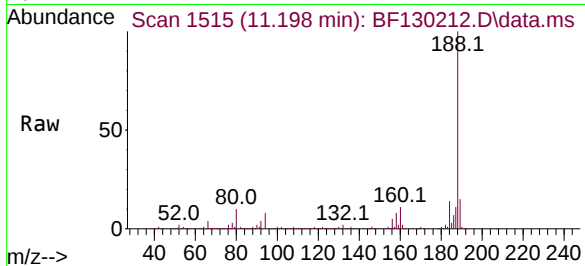




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.198 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130212.D
Acq: 12 Sep 2022 19:03

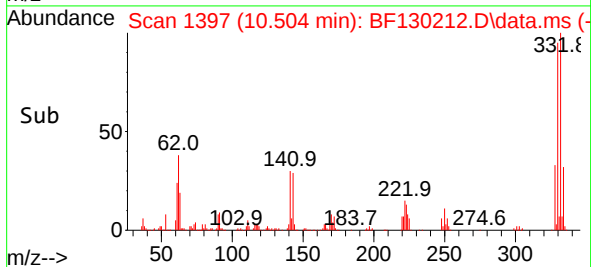
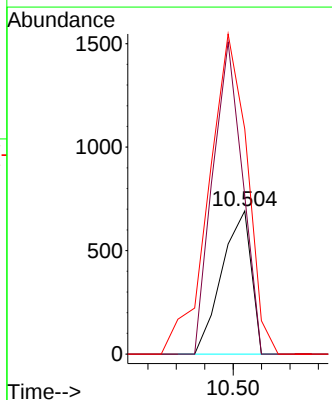
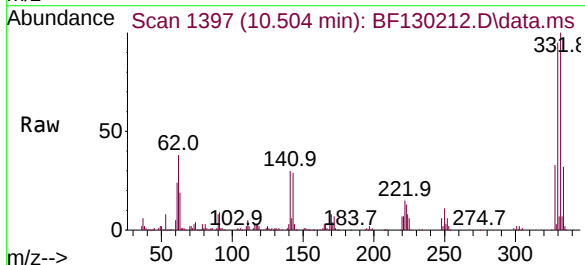
Instrument :
BNA_F
ClientSampleId :
256074-2

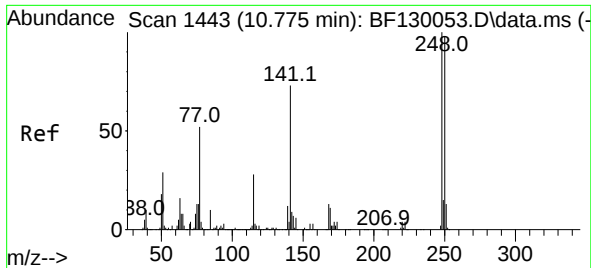
Tgt Ion:188 Resp: 340739
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.8 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.352 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.177 min
Lab File: BF130212.D
Acq: 12 Sep 2022 19:03

Tgt Ion:198 Resp: 499
Ion Ratio Lower Upper
198 100
51 110.5 29.4 69.4#
105 157.2 29.2 69.2#

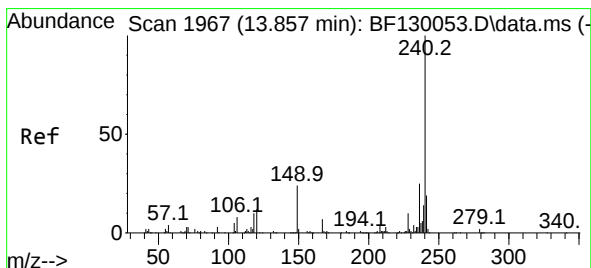
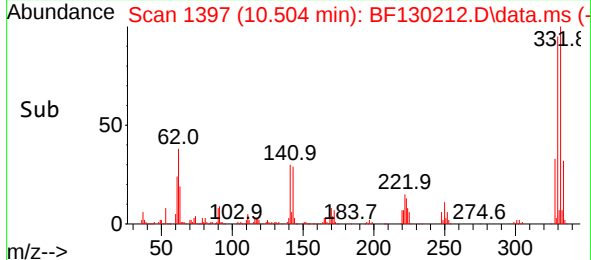
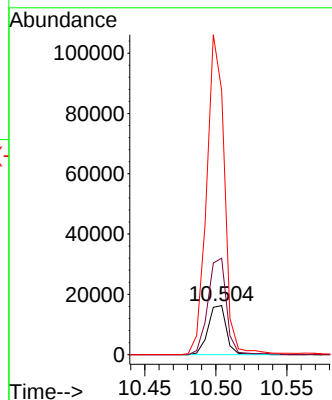
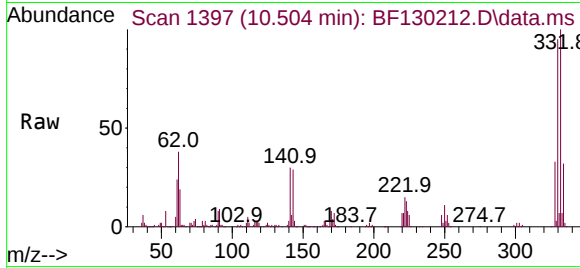




#67
4-Bromophenyl-phenylether
Concen: 3.862 ng
RT: 10.504 min Scan# 11
Delta R.T. -0.259 min
Lab File: BF130212.D
Acq: 12 Sep 2022 19:03

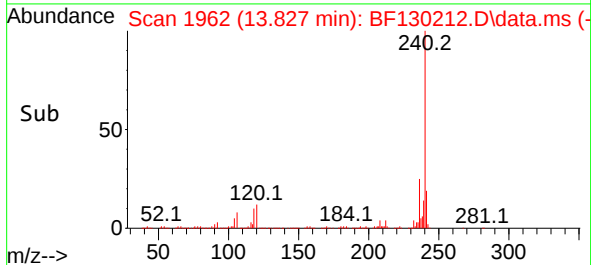
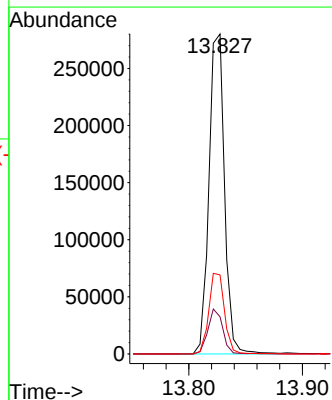
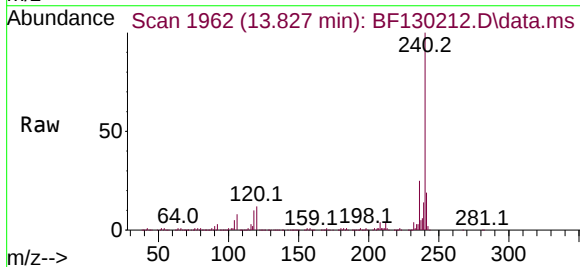
Instrument :
BNA_F
ClientSampleId :
256074-2

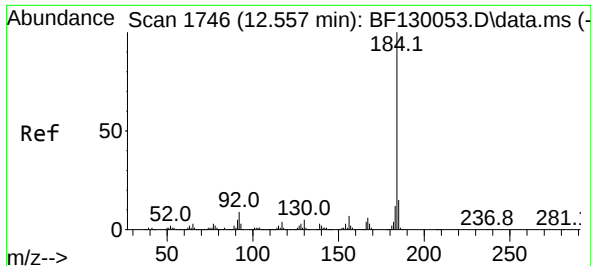
Tgt Ion:248 Resp: 14639
Ion Ratio Lower Upper
248 100
250 196.4 77.8 116.6#
141 538.1 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.827 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BF130212.D
Acq: 12 Sep 2022 19:03

Tgt Ion:240 Resp: 266316
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 24.7 20.7 31.1

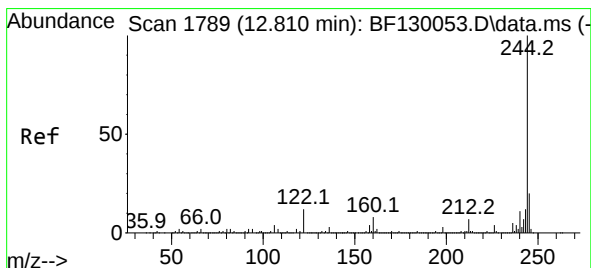
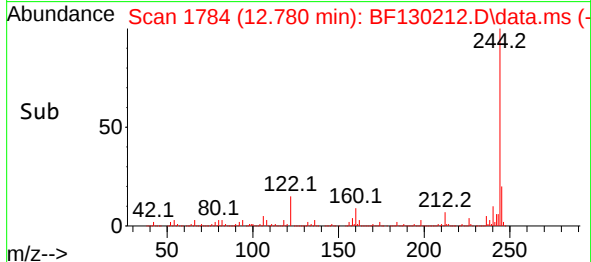
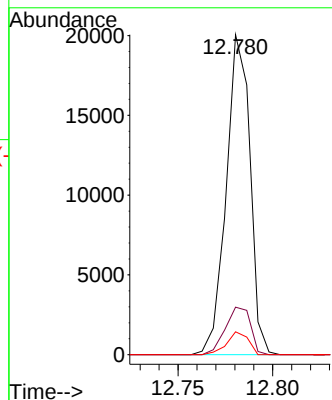
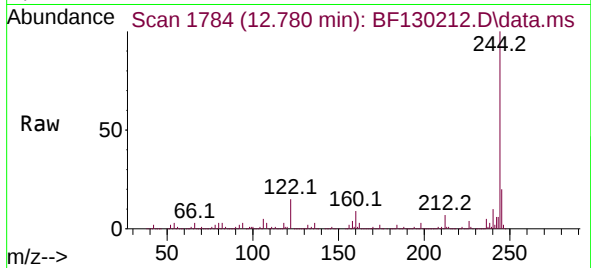




#77
Benzidine
Concen: 2.436 ng
RT: 12.780 min Scan# 1784
Delta R.T. 0.235 min
Lab File: BF130212.D
Acq: 12 Sep 2022 19:03

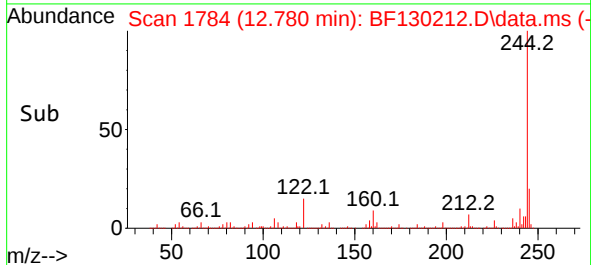
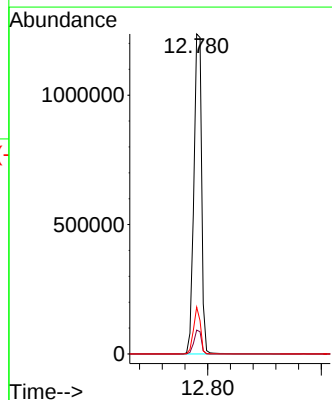
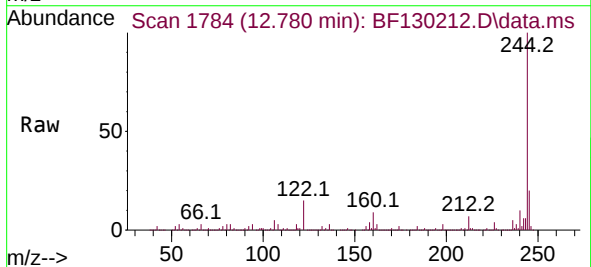
Instrument :
BNA_F
ClientSampleId :
256074-2

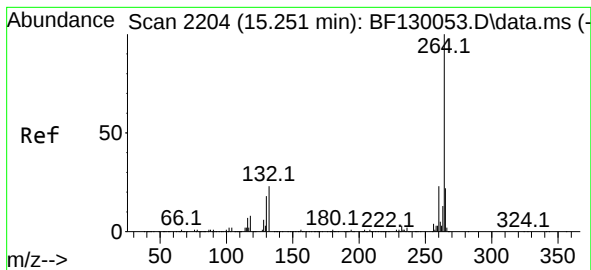
Tgt Ion:184 Resp: 17516
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.2
183 7.1 9.4 14.2#



#79
Terphenyl-d14
Concen: 76.221 ng
RT: 12.780 min Scan# 1784
Delta R.T. -0.018 min
Lab File: BF130212.D
Acq: 12 Sep 2022 19:03

Tgt Ion:244 Resp: 1170552
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 14.7 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.221 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF130212.D

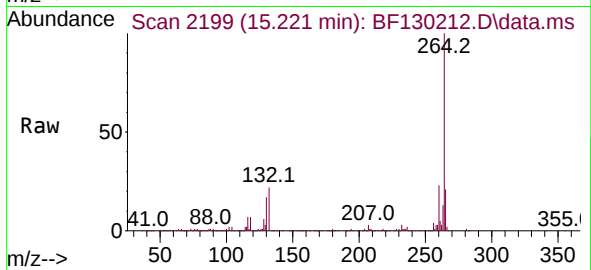
Acq: 12 Sep 2022 19:03

Instrument :

BNA_F

ClientSampleId :

256074-2



Tgt Ion:264 Resp: 299172

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.3 16.7 25.1

