

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
 Data File : BF130213.D
 Acq On : 12 Sep 2022 19:35
 Operator : CG\JU
 Sample : N4555-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 257248-3

Quant Time: Sep 13 14:27:27 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)

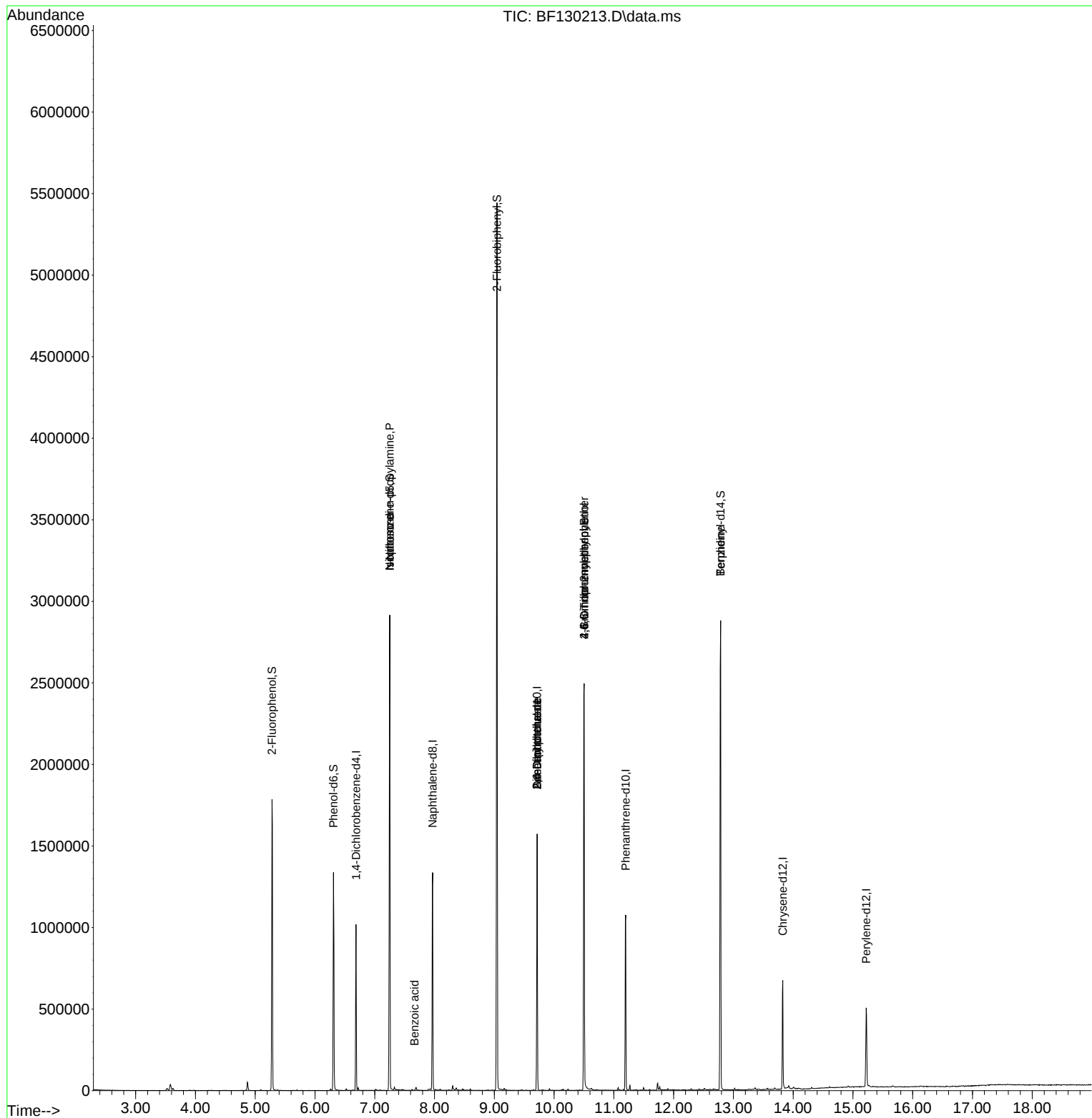
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.686	152	133703	20.000	ng	-0.01
21) Naphthalene-d8	7.969	136	581567	20.000	ng	-0.01
39) Acenaphthene-d10	9.716	164	274174	20.000	ng	-0.02
64) Phenanthrene-d10	11.198	188	385266	20.000	ng	-0.01
76) Chrysene-d12	13.827	240	211193	20.000	ng	-0.02
86) Perylene-d12	15.221	264	200158	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	480063	60.955	ng	-0.02
7) Phenol-d6	6.310	99	402439	40.987	ng	-0.02
23) Nitrobenzene-d5	7.251	82	893207	98.704	ng	-0.02
42) 2,4,6-Tribromophenol	10.504	330	280656	112.454	ng	-0.02
45) 2-Fluorobiphenyl	9.045	172	1490292	90.119	ng	-0.01
79) Terphenyl-d14	12.786	244	932870	76.599	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.251	70	118538	20.039	ng	# 76
25) Isophorone	7.251	82	887018	48.429	ng	# 65
32) Benzoic acid	7.663	122	568	6.650	ng	# 64
50) Dimethylphthalate	9.716	163	52449	2.809	ng	# 1
51) 2,6-Dinitrotoluene	9.716	165	36356	9.985	ng	# 23
57) 2,4-Dinitrotoluene	9.716	165	36356	8.673	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.504	198	762	6.447	ng	# 1
67) 4-Bromophenyl-phenylether	10.504	248	18028	4.207	ng	# 1
77) Benzidine	12.786	184	14381	2.522	ng	# 91

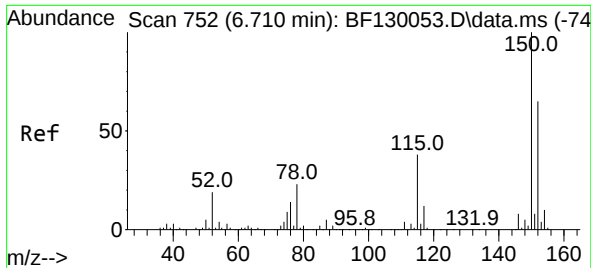
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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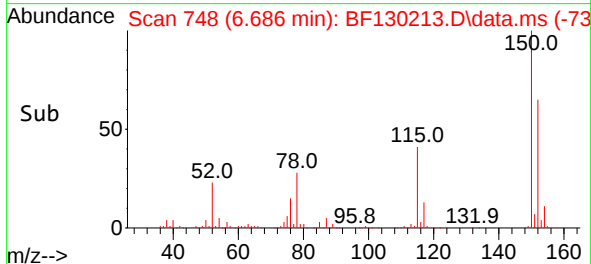
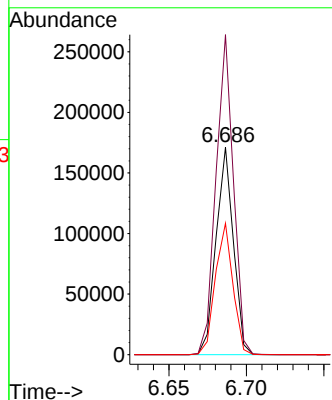
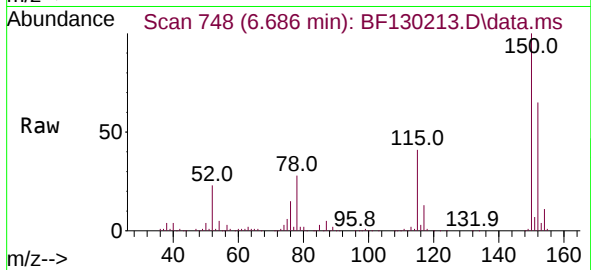




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.686 min Scan# 74
 Delta R.T. -0.012 min
 Lab File: BF130213.D
 Acq: 12 Sep 2022 19:35

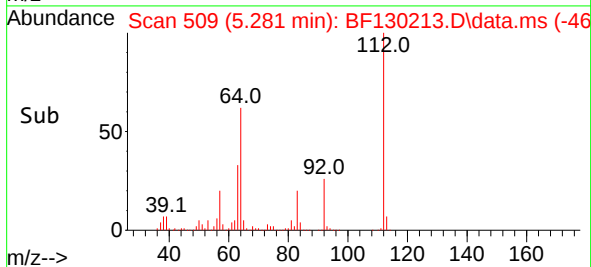
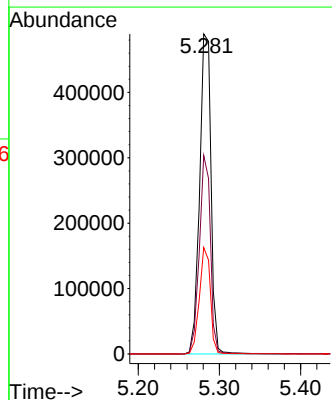
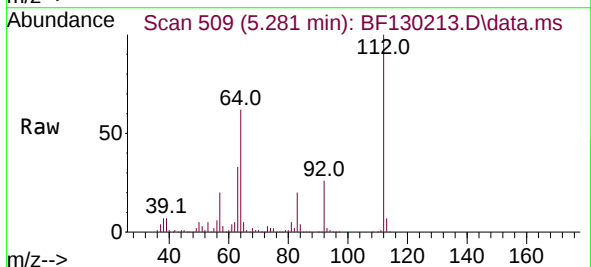
Instrument :
 BNA_F
 ClientSampleId :
 257248-3

Tgt Ion:152 Resp: 133703
 Ion Ratio Lower Upper
 152 100
 150 154.2 126.9 190.3
 115 63.3 53.4 80.0



#5
 2-Fluorophenol
 Concen: 60.955 ng
 RT: 5.281 min Scan# 509
 Delta R.T. -0.018 min
 Lab File: BF130213.D
 Acq: 12 Sep 2022 19:35

Tgt Ion:112 Resp: 480063
 Ion Ratio Lower Upper
 112 100
 64 62.0 47.6 71.4
 63 33.3 24.6 37.0

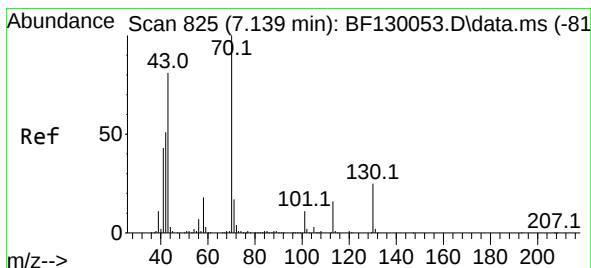
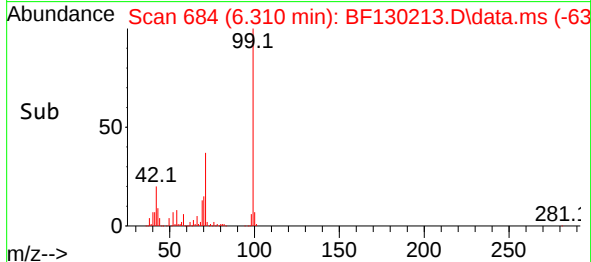
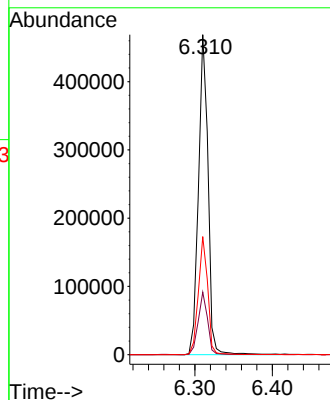
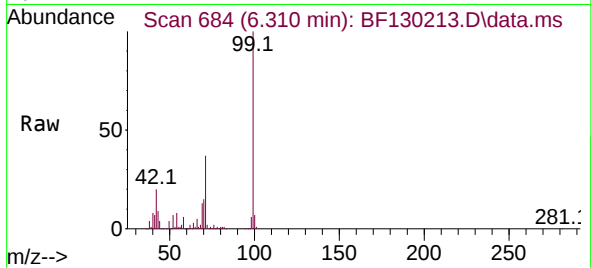




#7
Phenol-d6
Concen: 40.987 ng
RT: 6.310 min Scan# 61
Delta R.T. -0.024 min
Lab File: BF130213.D
Acq: 12 Sep 2022 19:35

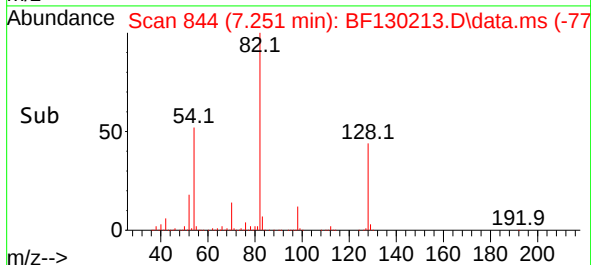
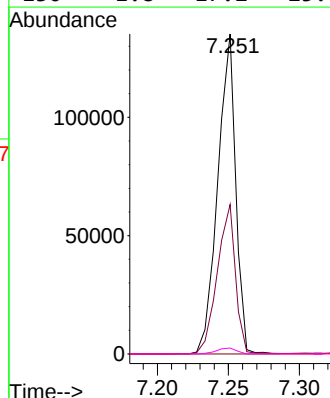
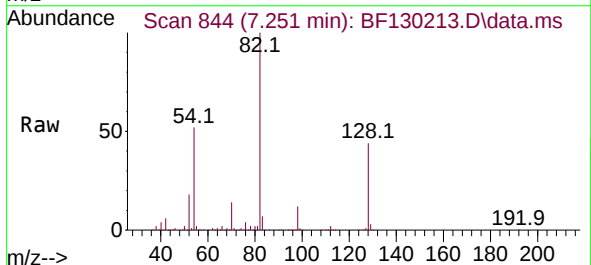
Instrument :
BNA_F
ClientSampleId :
257248-3

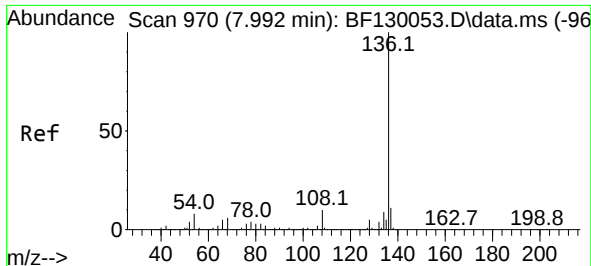
Tgt Ion: 99 Resp: 402439
Ion Ratio Lower Upper
99 100
42 19.6 15.0 22.4
71 36.9 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 20.039 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.123 min
Lab File: BF130213.D
Acq: 12 Sep 2022 19:35

Tgt Ion: 70 Resp: 118538
Ion Ratio Lower Upper
70 100
42 46.7 47.6 71.4#
101 0.0 8.1 12.1#
130 1.8 17.2 25.8#



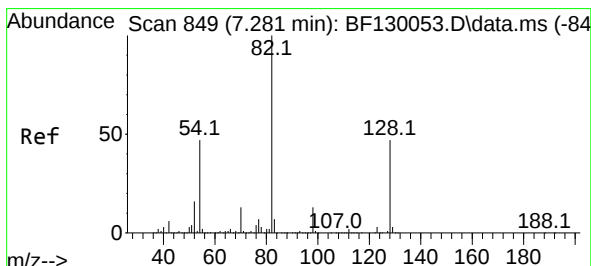
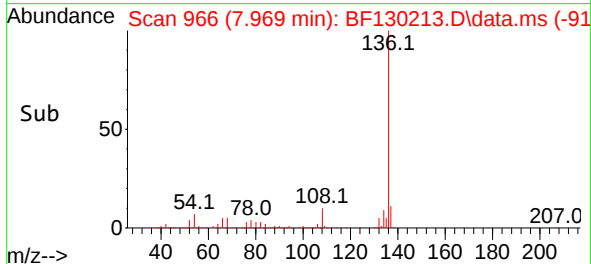
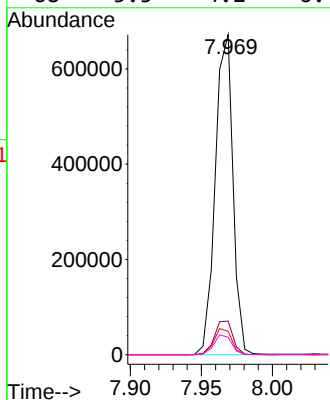
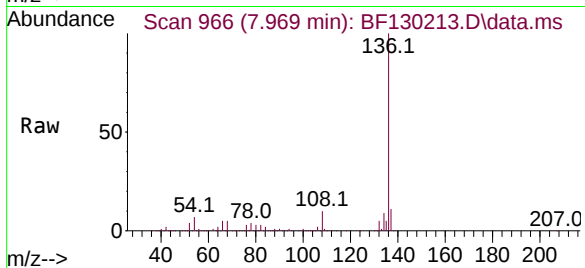


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.969 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF130213.D
Acq: 12 Sep 2022 19:35

Instrument :
BNA_F
ClientSampleId :
257248-3

Tgt Ion:136 Resp: 581567

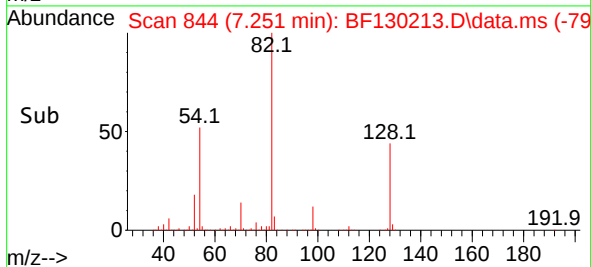
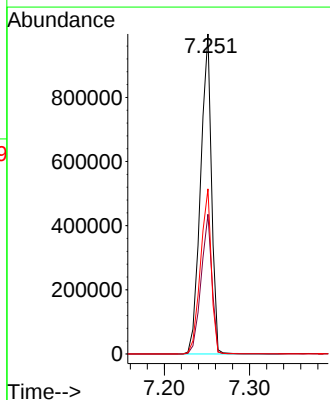
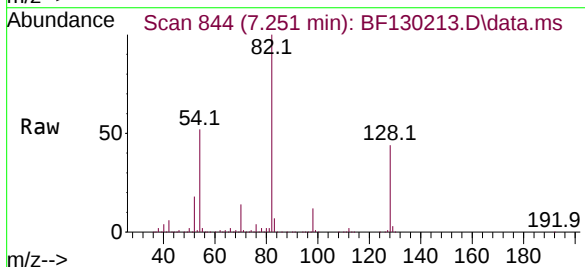
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.3	6.2	9.2
68	5.5	4.2	6.4

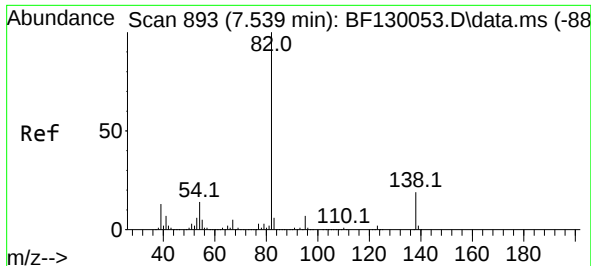


#23
Nitrobenzene-d5
Concen: 98.704 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.018 min
Lab File: BF130213.D
Acq: 12 Sep 2022 19:35

Tgt Ion: 82 Resp: 893207

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	51.6	40.0	60.0

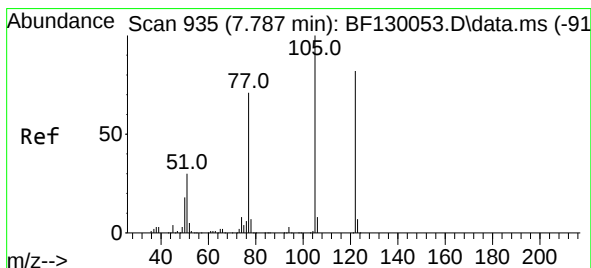
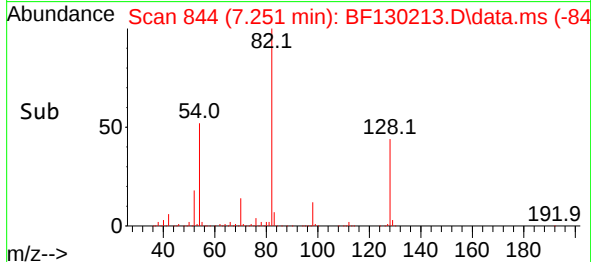
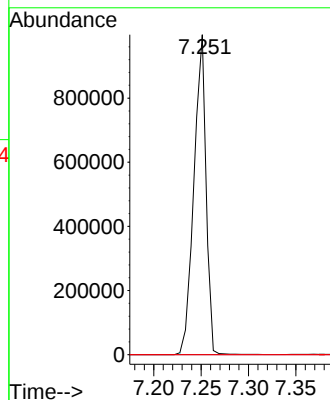
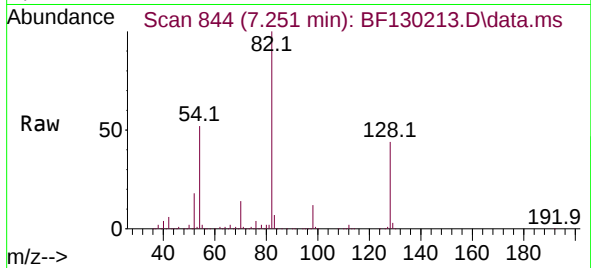




#25
Isophorone
Concen: 48.429 ng
RT: 7.251 min Scan# 84
Delta R.T. -0.277 min
Lab File: BF130213.D
Acq: 12 Sep 2022 19:35

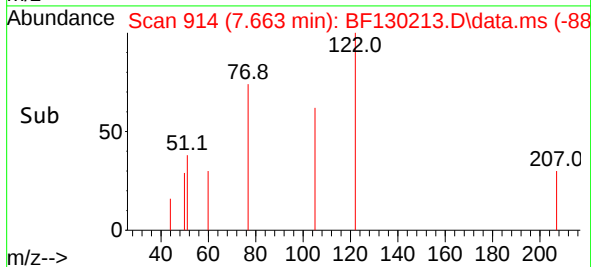
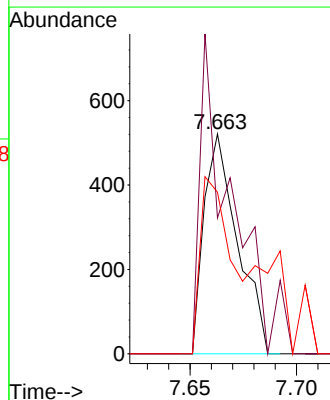
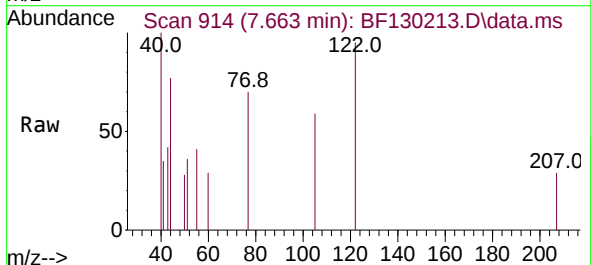
Instrument :
BNA_F
ClientSampleId :
257248-3

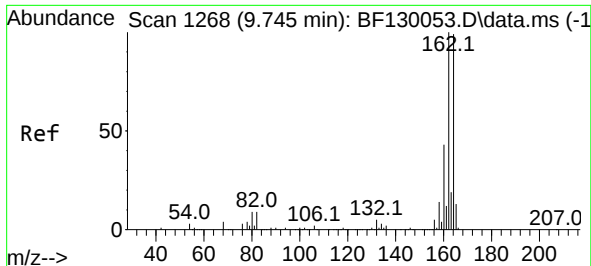
Tgt Ion: 82 Resp: 887018
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.650 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.106 min
Lab File: BF130213.D
Acq: 12 Sep 2022 19:35

Tgt Ion: 122 Resp: 568
Ion Ratio Lower Upper
122 100
105 61.8 99.9 139.9#
77 73.5 65.9 105.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.716 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF130213.D

Acq: 12 Sep 2022 19:35

Instrument :

BNA_F

ClientSampleId :

257248-3

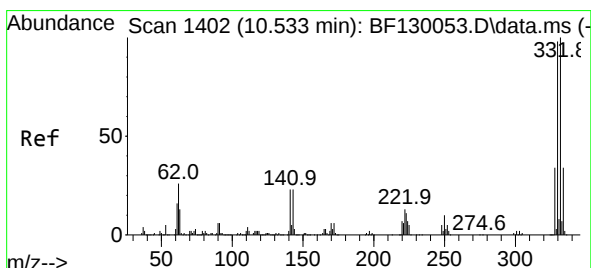
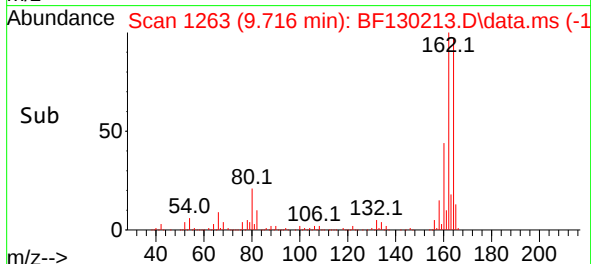
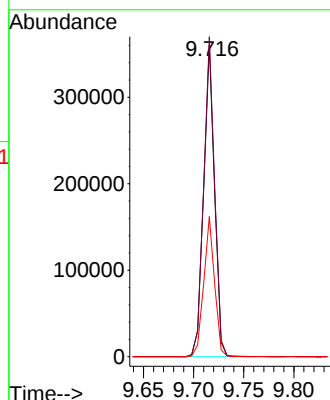
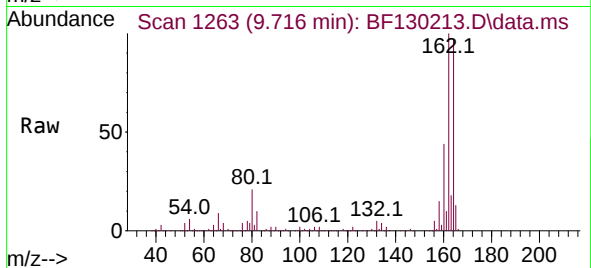
Tgt Ion:164 Resp: 274174

Ion Ratio Lower Upper

164 100

162 102.6 82.0 123.0

160 44.9 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 112.454 ng

RT: 10.504 min Scan# 1397

Delta R.T. -0.018 min

Lab File: BF130213.D

Acq: 12 Sep 2022 19:35

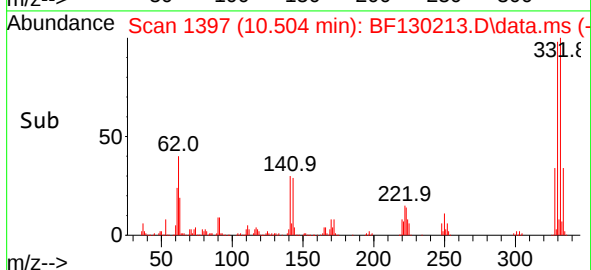
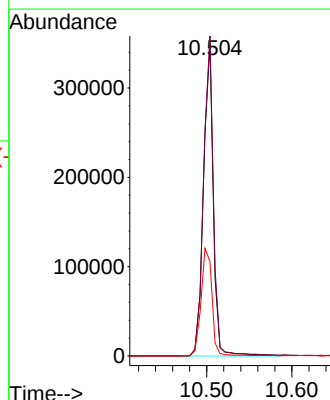
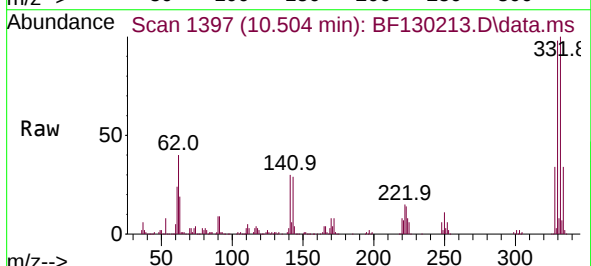
Tgt Ion:330 Resp: 280656

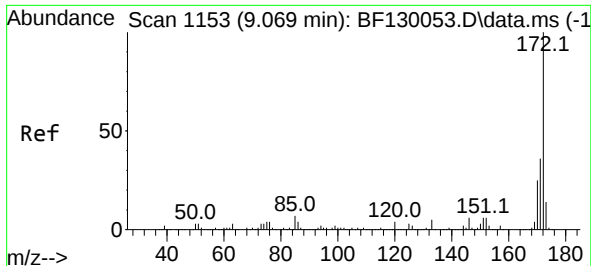
Ion Ratio Lower Upper

330 100

332 103.5 82.6 124.0

141 38.3 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 90.119 ng

RT: 9.045 min Scan# 1149

Delta R.T. -0.012 min

Lab File: BF130213.D

Acq: 12 Sep 2022 19:35

Instrument :

BNA_F

ClientSampleId :

257248-3

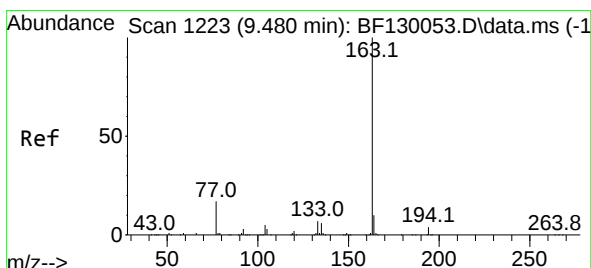
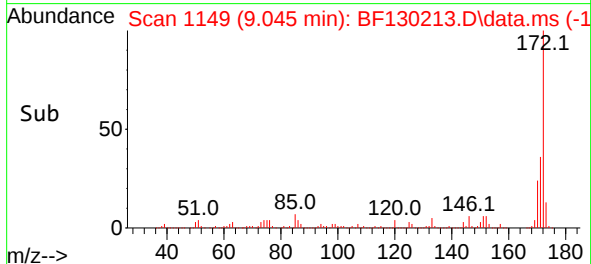
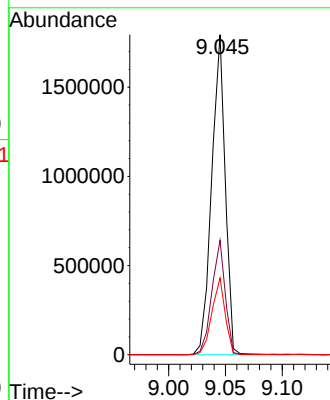
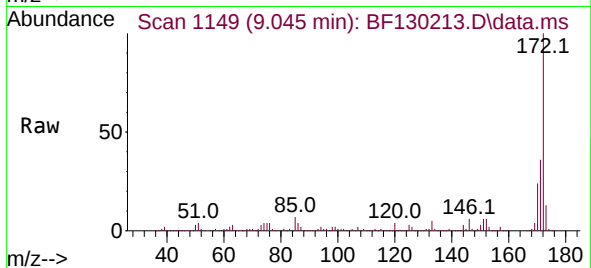
Tgt Ion:172 Resp: 1490292

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.9 19.1 28.7



#50

Dimethylphthalate

Concen: 2.809 ng

RT: 9.716 min Scan# 1263

Delta R.T. 0.247 min

Lab File: BF130213.D

Acq: 12 Sep 2022 19:35

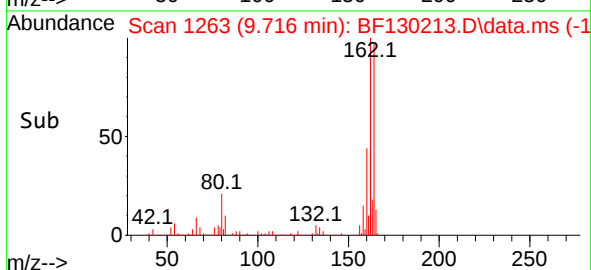
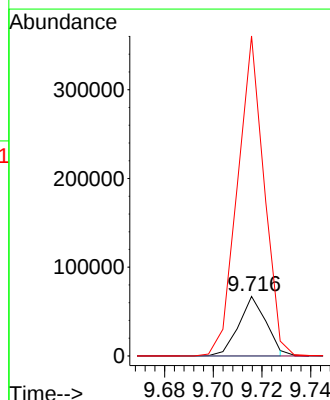
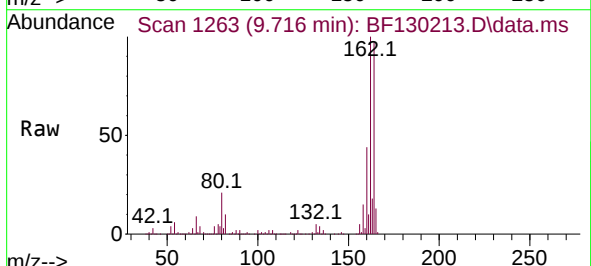
Tgt Ion:163 Resp: 52449

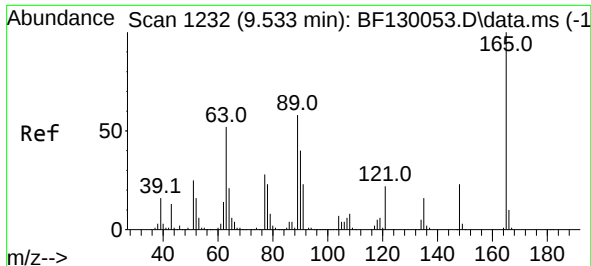
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 537.0 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.985 ng

RT: 9.716 min Scan# 1263

Delta R.T. 0.188 min

Lab File: BF130213.D

Acq: 12 Sep 2022 19:35

Instrument :

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ClientSampleId :

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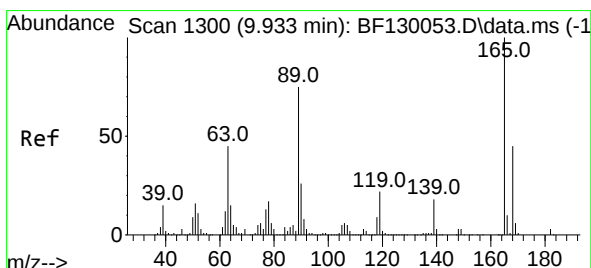
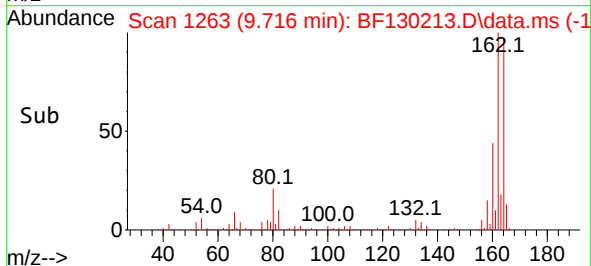
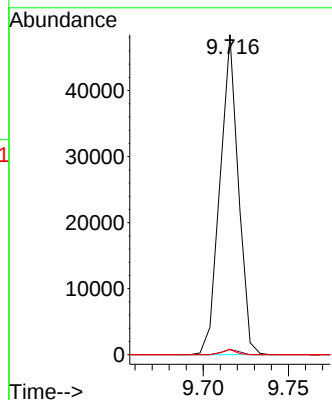
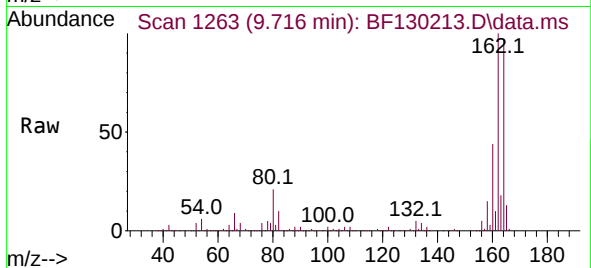
Tgt Ion:165 Resp: 36356

Ion Ratio Lower Upper

165 100

63 1.7 47.8 71.8#

89 1.6 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.673 ng

RT: 9.716 min Scan# 1263

Delta R.T. -0.206 min

Lab File: BF130213.D

Acq: 12 Sep 2022 19:35

Tgt Ion:165 Resp: 36356

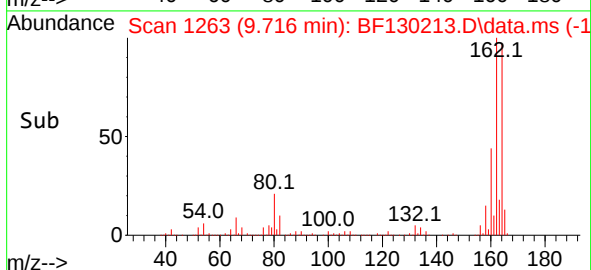
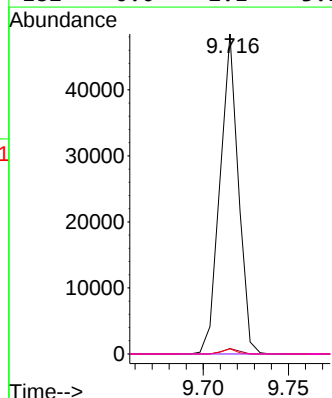
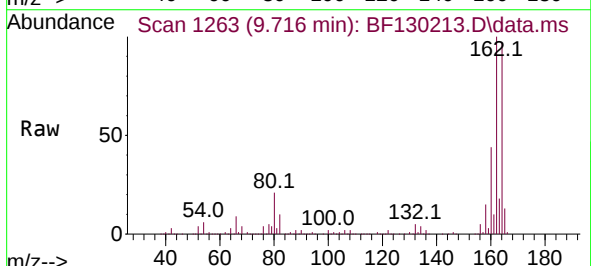
Ion Ratio Lower Upper

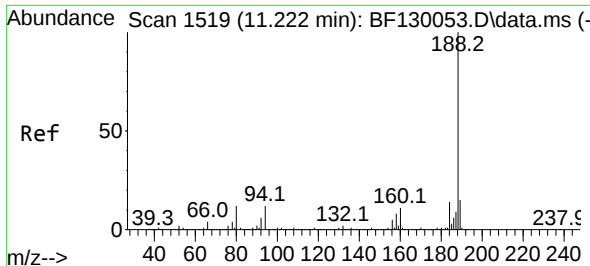
165 100

63 1.7 48.4 72.6#

89 1.6 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: BF130213.D
Acq: 12 Sep 2022 19:35

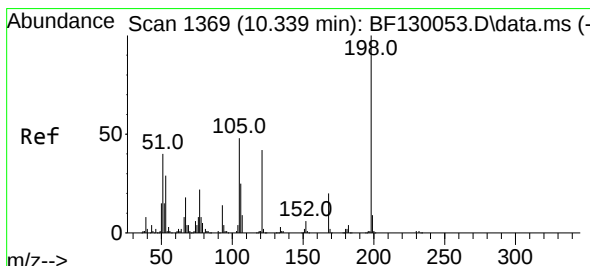
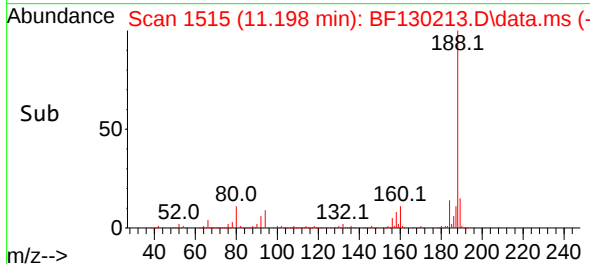
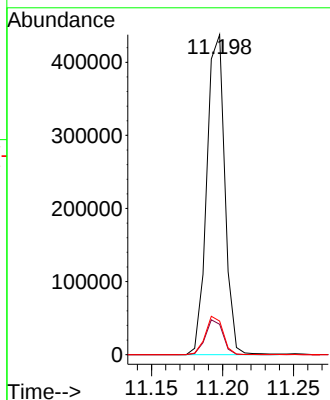
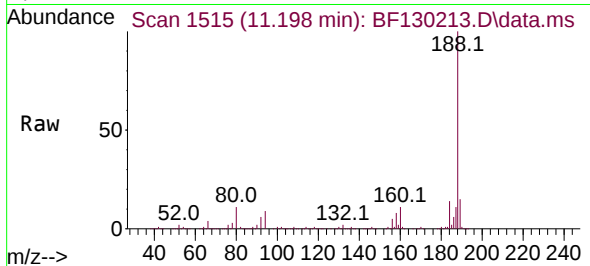
Instrument :

BNA_F

ClientSampleId :

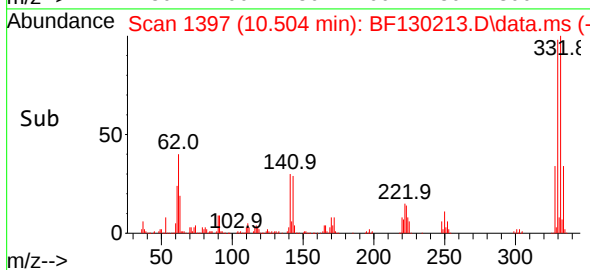
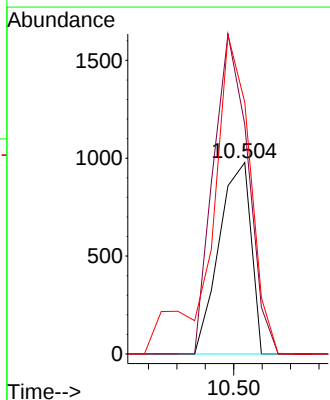
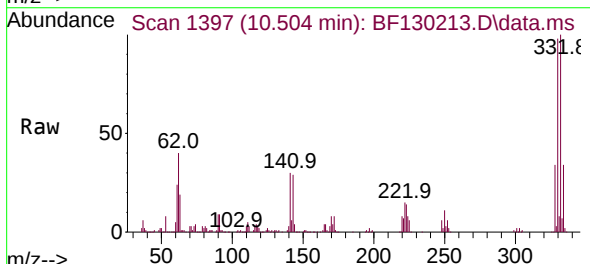
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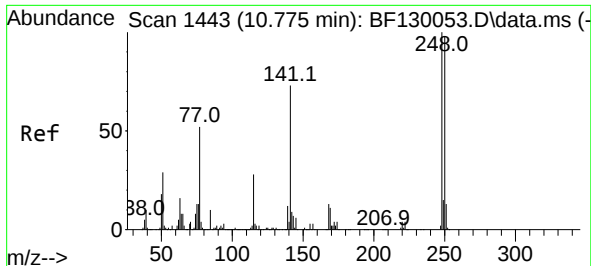
Tgt Ion:188 Resp: 385266
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.5 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.447 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.176 min
Lab File: BF130213.D
Acq: 12 Sep 2022 19:35

Tgt Ion:198 Resp: 762
Ion Ratio Lower Upper
198 100
51 119.9 29.4 69.4#
105 131.5 29.2 69.2#

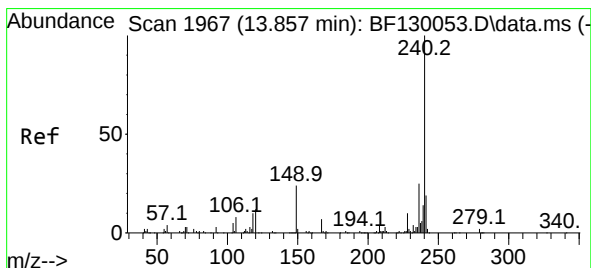
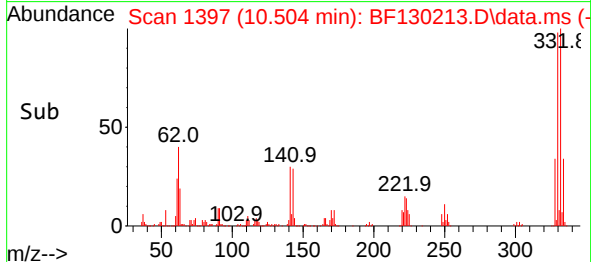
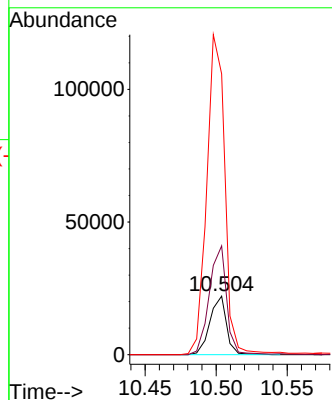
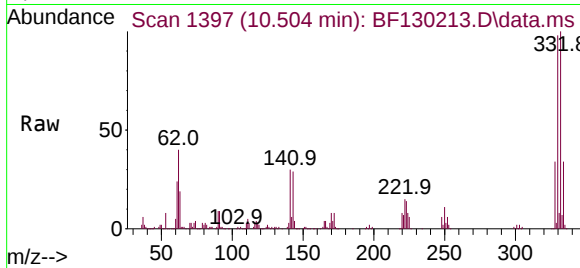




#67
4-Bromophenyl-phenylether
Concen: 4.207 ng
RT: 10.504 min Scan# 11
Delta R.T. -0.259 min
Lab File: BF130213.D
Acq: 12 Sep 2022 19:35

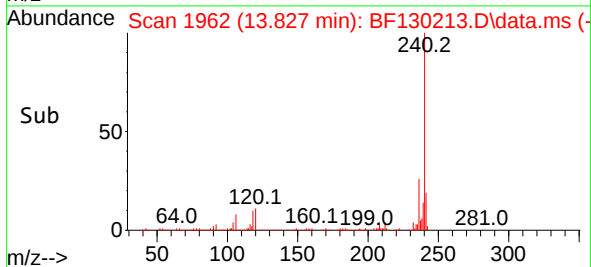
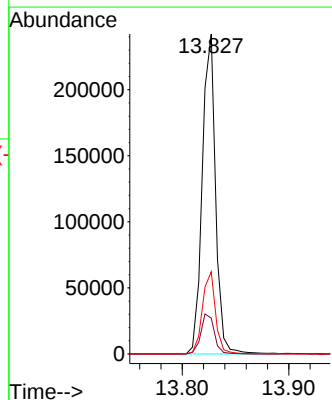
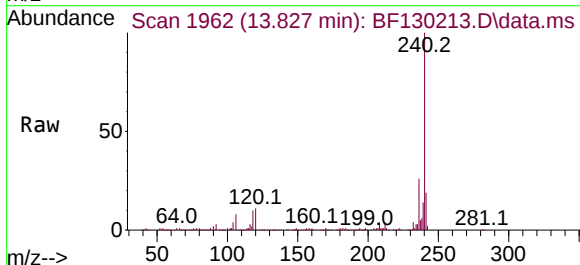
Instrument :
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ClientSampleId :
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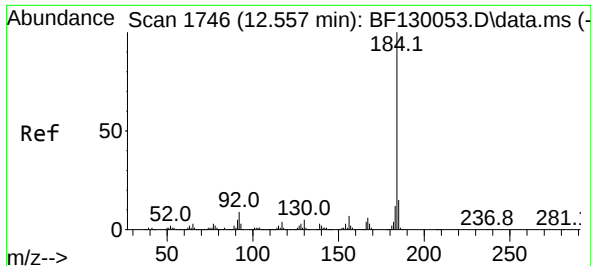
Tgt Ion:248 Resp: 18028
Ion Ratio Lower Upper
248 100
250 185.5 77.8 116.6#
141 479.3 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.827 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BF130213.D
Acq: 12 Sep 2022 19:35

Tgt Ion:240 Resp: 211193
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 25.7 20.7 31.1

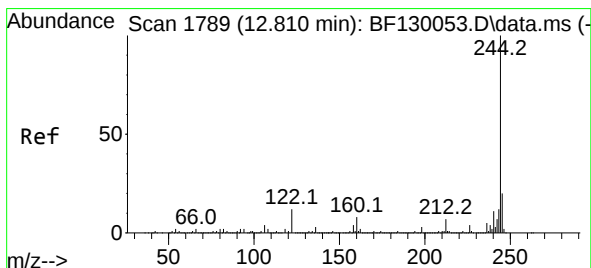
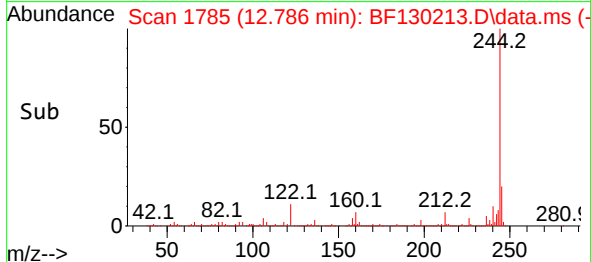
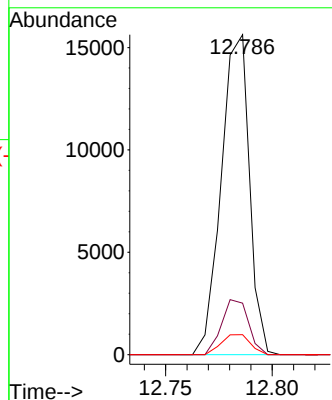
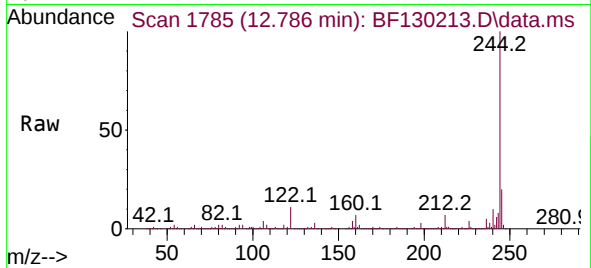




#77
Benzidine
Concen: 2.522 ng
RT: 12.786 min Scan# 1785
Delta R.T. 0.241 min
Lab File: BF130213.D
Acq: 12 Sep 2022 19:35

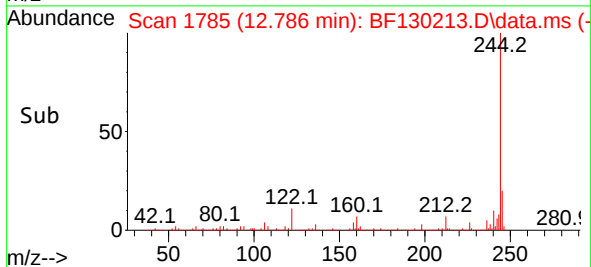
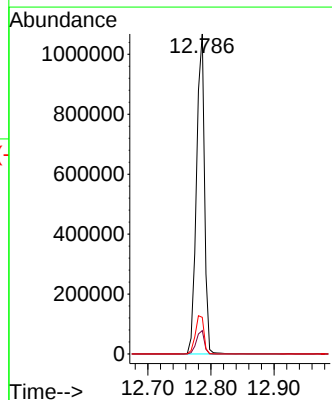
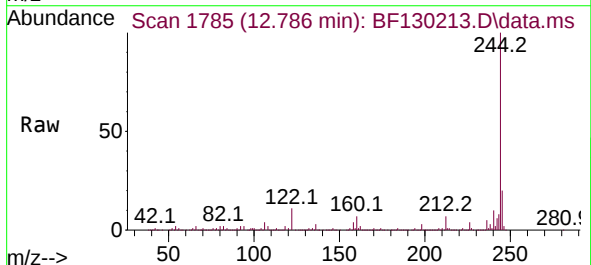
Instrument :
BNA_F
ClientSampleId :
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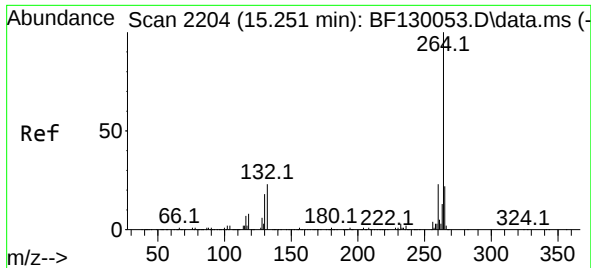
Tgt Ion:184 Resp: 14381
Ion Ratio Lower Upper
184 100
185 16.1 11.4 17.2
183 6.3 9.4 14.2#



#79
Terphenyl-d14
Concen: 76.599 ng
RT: 12.786 min Scan# 1785
Delta R.T. -0.012 min
Lab File: BF130213.D
Acq: 12 Sep 2022 19:35

Tgt Ion:244 Resp: 932870
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.4 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: BF130213.D
 Acq: 12 Sep 2022 19:35

Instrument :
 BNA_F
 ClientSampleId :
 257248-3

Tgt Ion:264 Resp: 200158
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 22.0 16.7 25.1

