

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
 Data File : BF130211.D
 Acq On : 12 Sep 2022 18:30
 Operator : CG\JU
 Sample : N4553-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 256074-1

Quant Time: Sep 13 14:26:21 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)

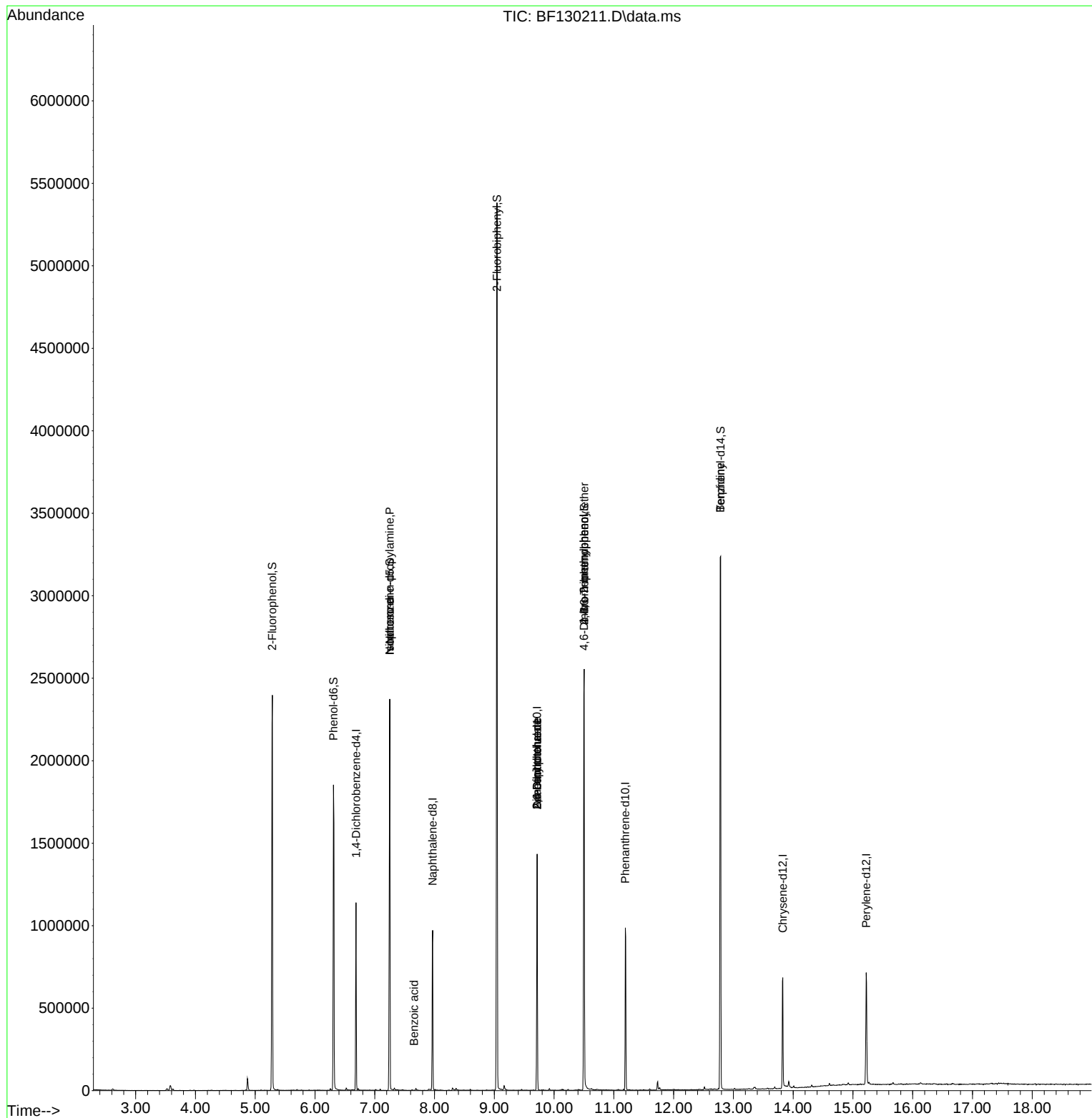
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.686	152	140971	20.000	ng	-0.01
21) Naphthalene-d8	7.969	136	417198	20.000	ng	-0.01
39) Acenaphthene-d10	9.716	164	252797	20.000	ng	-0.02
64) Phenanthrene-d10	11.192	188	344672	20.000	ng	#-0.02
76) Chrysene-d12	13.827	240	228203	20.000	ng	-0.02
86) Perylene-d12	15.221	264	275297	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	667890	80.431	ng	-0.01
7) Phenol-d6	6.310	99	621126	59.997	ng	-0.02
23) Nitrobenzene-d5	7.251	82	737956	113.676	ng	-0.02
42) 2,4,6-Tribromophenol	10.504	330	298044	129.519	ng	-0.02
45) 2-Fluorobiphenyl	9.045	172	1508822	98.955	ng	-0.01
79) Terphenyl-d14	12.786	244	1107746	84.178	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.251	70	100105	16.051	ng	# 78
25) Isophorone	7.251	82	733343	55.813	ng	# 65
32) Benzoic acid	7.657	122	431	6.655	ng	# 88
50) Dimethylphthalate	9.716	163	48267	2.803	ng	# 1
51) 2,6-Dinitrotoluene	9.716	165	31741	9.455	ng	# 22
57) 2,4-Dinitrotoluene	9.716	165	31741	8.212	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.498	198	823	6.523	ng	# 1
67) 4-Bromophenyl-phenylether	10.504	248	18914	4.933	ng	# 1
77) Benzidine	12.780	184	16619	2.697	ng	# 91

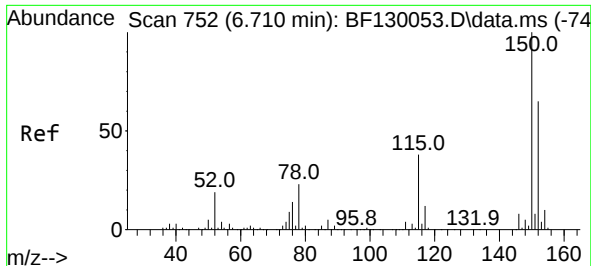
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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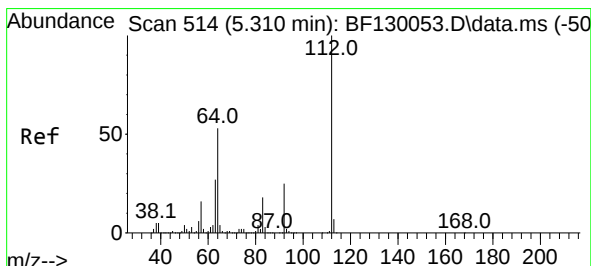
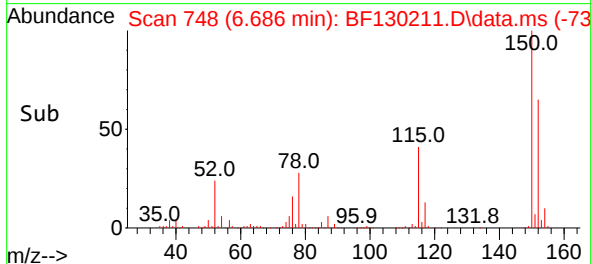
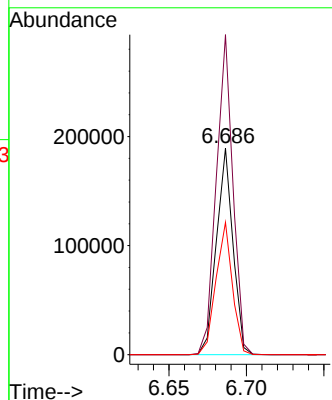
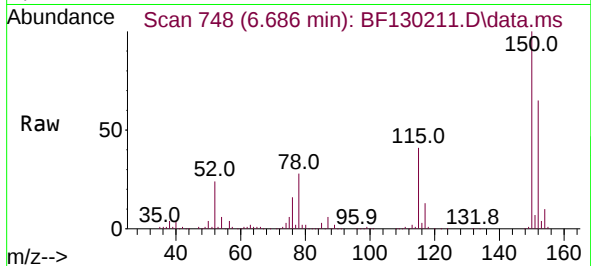




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.686 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

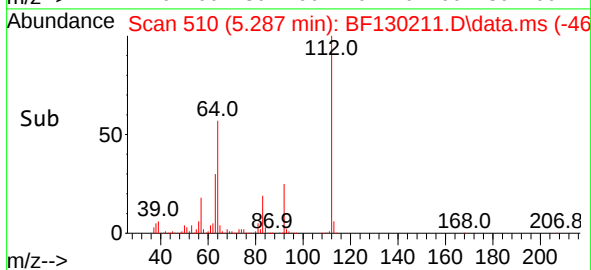
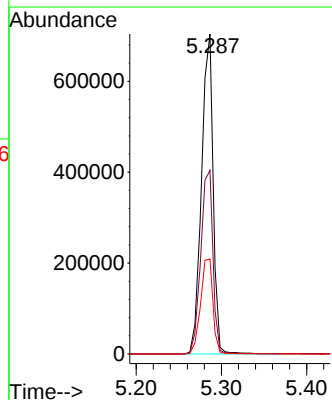
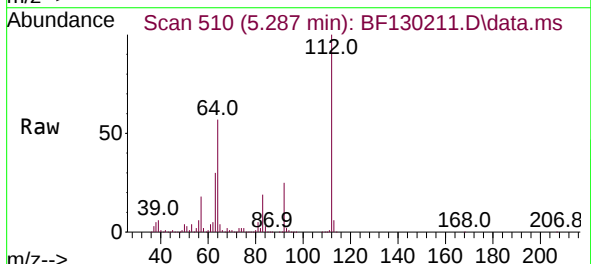
Instrument :
BNA_F
ClientSampleId :
256074-1

Tgt Ion:152 Resp: 140971
Ion Ratio Lower Upper
152 100
150 154.9 126.9 190.3
115 64.1 53.4 80.0



#5
2-Fluorophenol
Concen: 80.431 ng
RT: 5.287 min Scan# 510
Delta R.T. -0.012 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

Tgt Ion:112 Resp: 667890
Ion Ratio Lower Upper
112 100
64 57.3 47.6 71.4
63 29.6 24.6 37.0

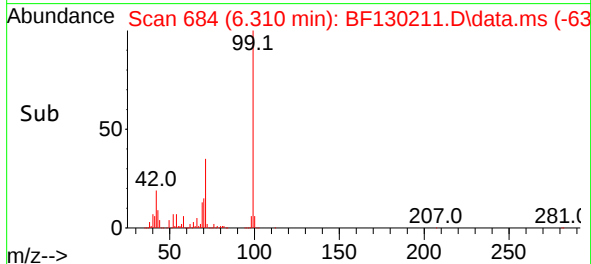
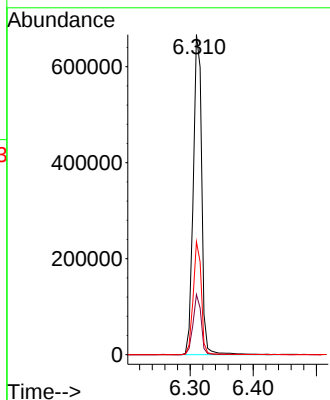
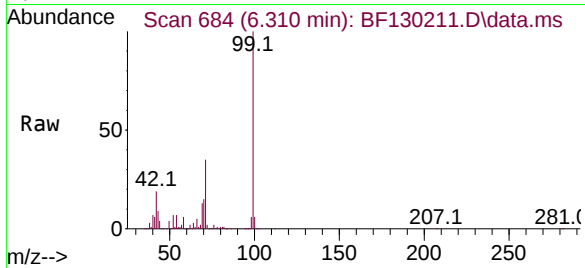




#7
Phenol-d6
Concen: 59.997 ng
RT: 6.310 min Scan# 61
Delta R.T. -0.024 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

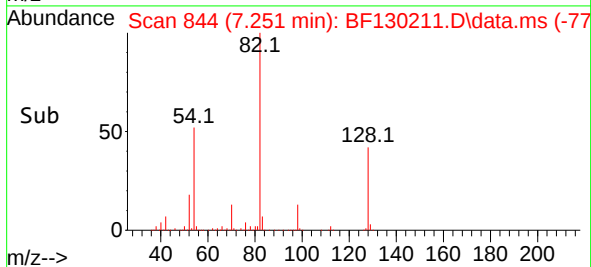
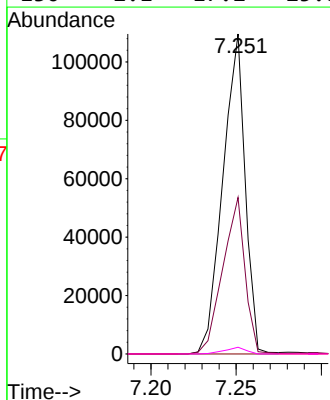
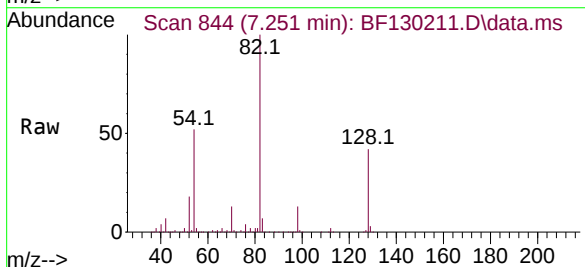
Instrument :
BNA_F
ClientSampleId :
256074-1

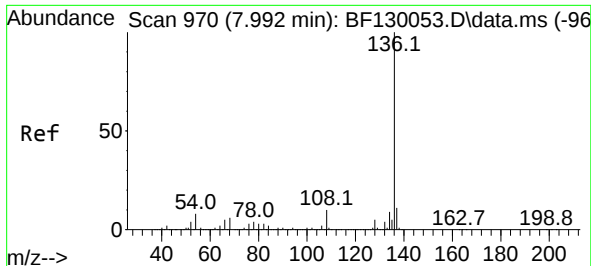
Tgt Ion: 99 Resp: 621126
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 35.3 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.051 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.123 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

Tgt Ion: 70 Resp: 100105
Ion Ratio Lower Upper
70 100
42 48.9 47.6 71.4
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#

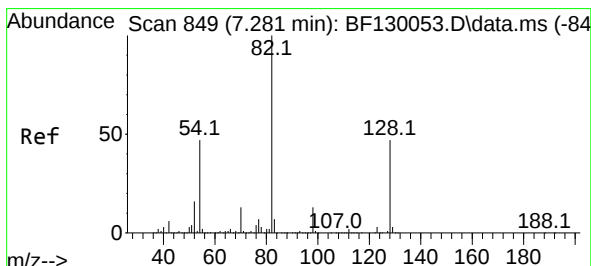
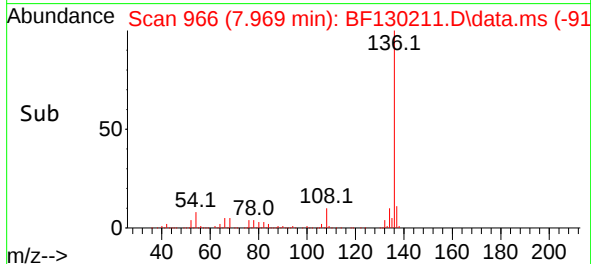
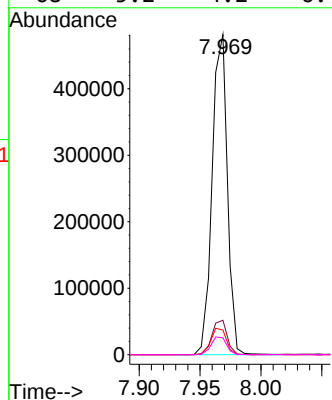
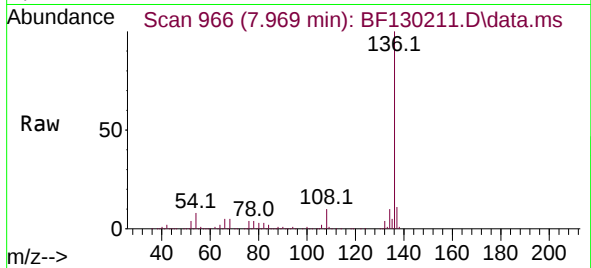




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.969 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

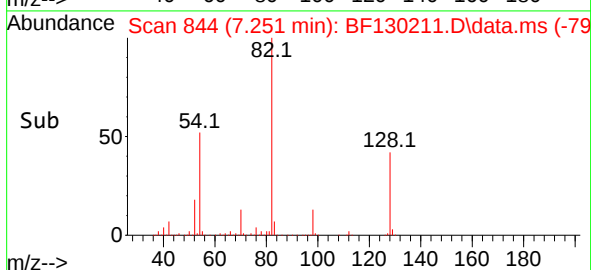
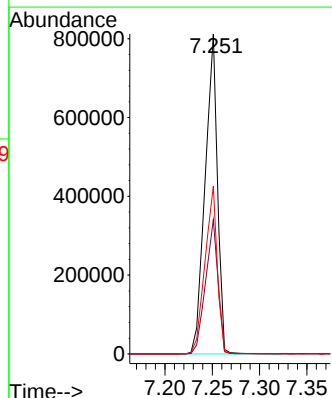
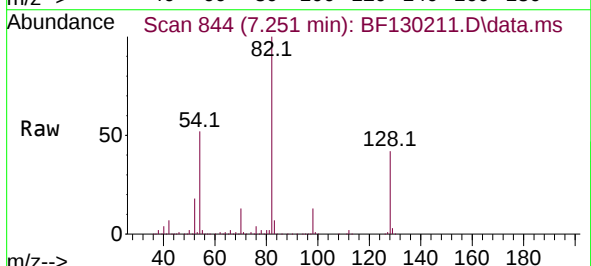
Instrument :
BNA_F
ClientSampleId :
256074-1

Tgt Ion:136 Resp: 417198
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.7 6.2 9.2
68 5.2 4.2 6.4



#23
Nitrobenzene-d5
Concen: 113.676 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.018 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

Tgt Ion: 82 Resp: 737956
Ion Ratio Lower Upper
82 100
128 42.0 36.1 54.1
54 52.4 40.0 60.0

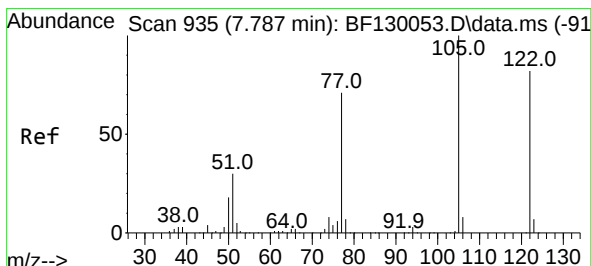
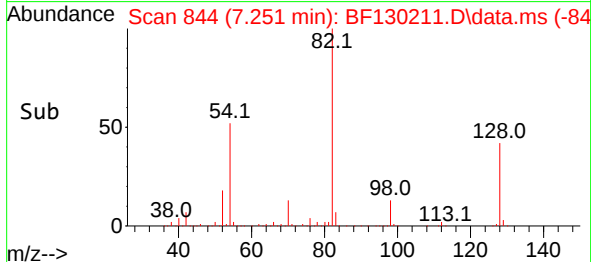
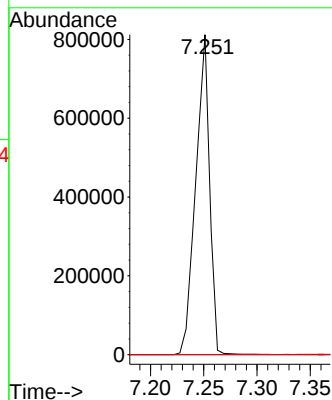
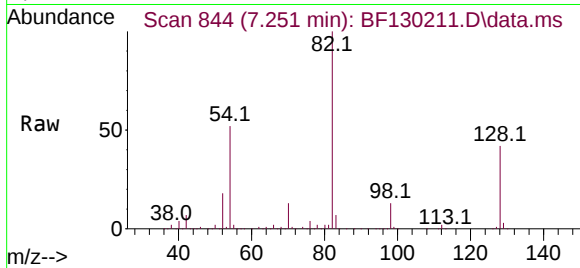




#25
Isophorone
Concen: 55.813 ng
RT: 7.251 min Scan# 84
Delta R.T. -0.277 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

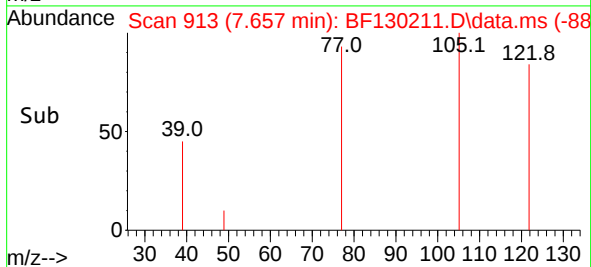
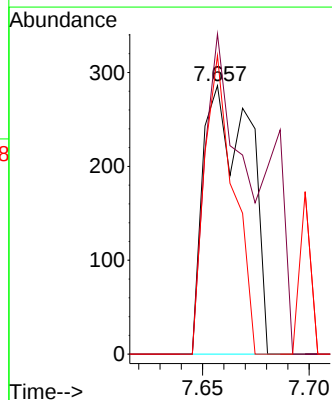
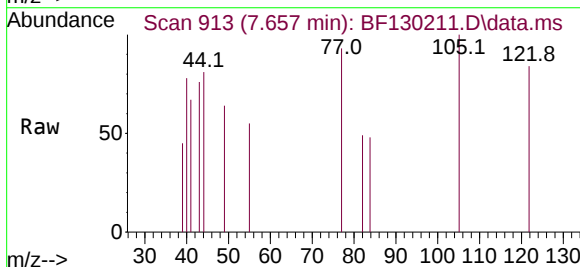
Instrument :
BNA_F
ClientSampleId :
256074-1

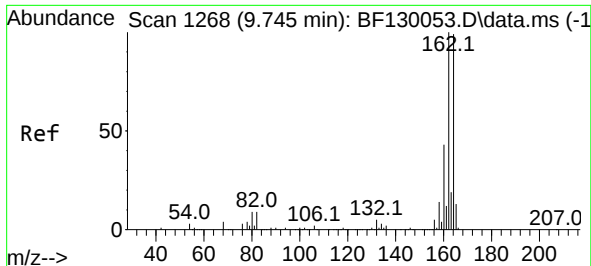
Tgt Ion: 82 Resp: 733343
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.655 ng
RT: 7.657 min Scan# 913
Delta R.T. -0.112 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

Tgt Ion: 122 Resp: 431
Ion Ratio Lower Upper
122 100
105 119.2 99.9 139.9
77 111.2 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: BF130211.D

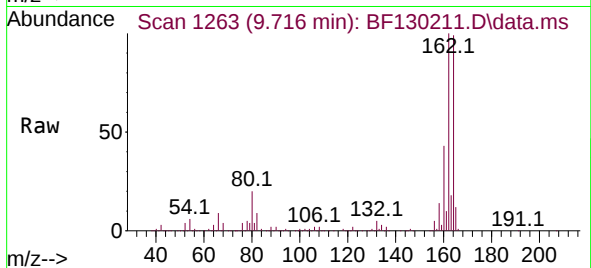
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Instrument :

BNA_F

ClientSampleId :

256074-1



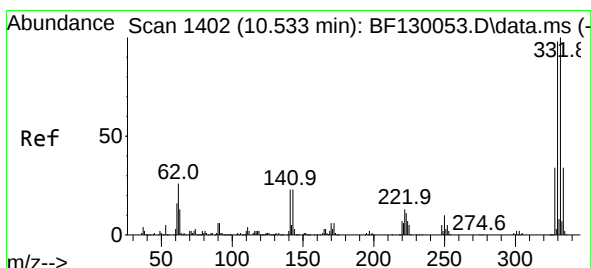
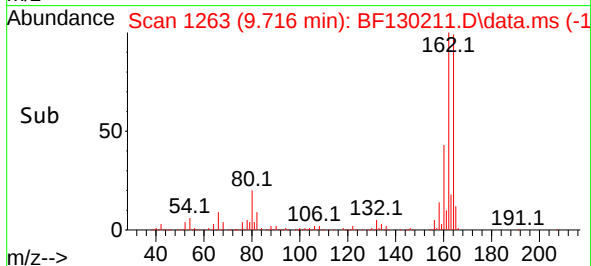
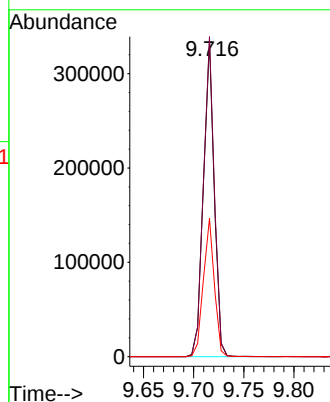
Tgt Ion:164 Resp: 252797

Ion Ratio Lower Upper

164 100

162 101.4 82.0 123.0

160 43.8 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 129.519 ng

RT: 10.504 min Scan# 1397

Delta R.T. -0.018 min

Lab File: BF130211.D

Acq: 12 Sep 2022 18:30

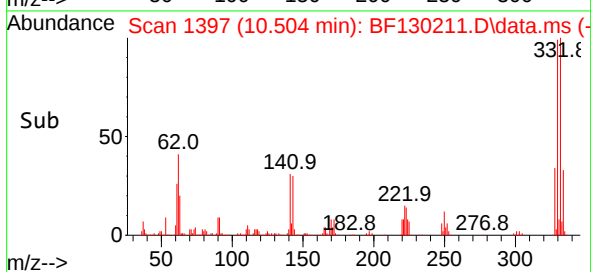
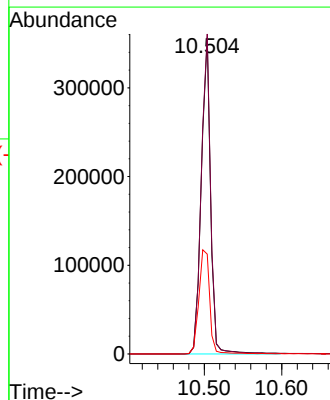
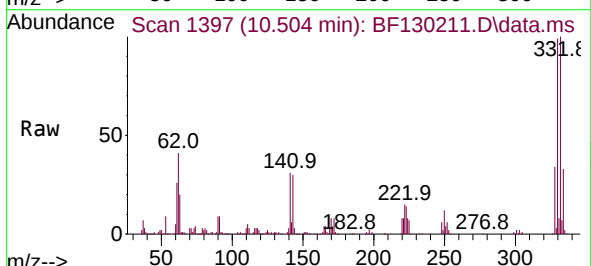
Tgt Ion:330 Resp: 298044

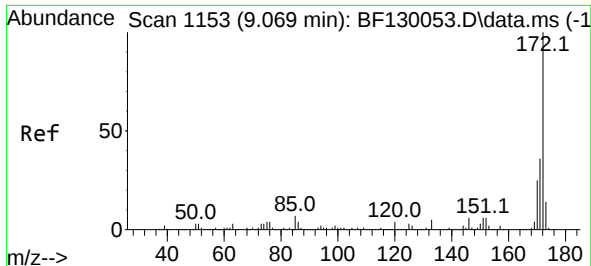
Ion Ratio Lower Upper

330 100

332 101.7 82.6 124.0

141 38.4 27.6 41.4

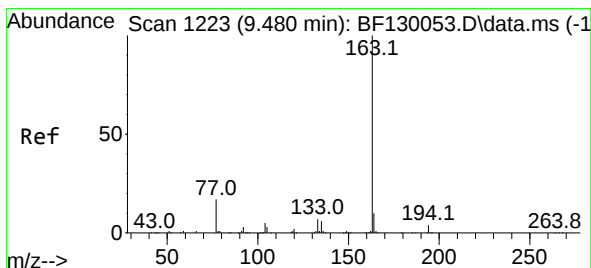
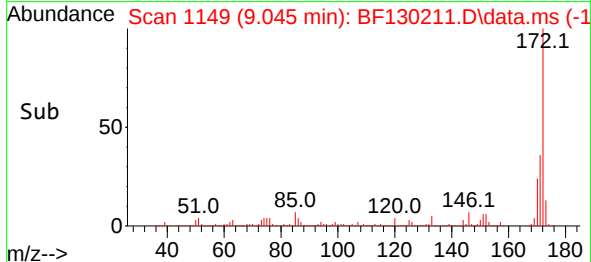
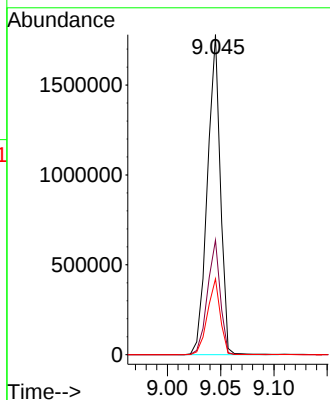
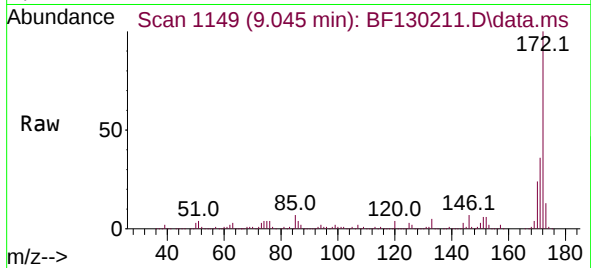




#45
2-Fluorobiphenyl
Concen: 98.955 ng
RT: 9.045 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

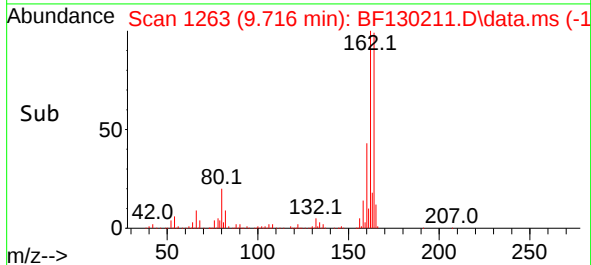
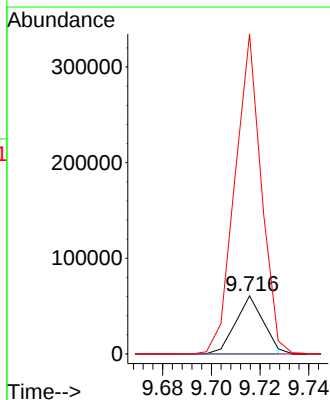
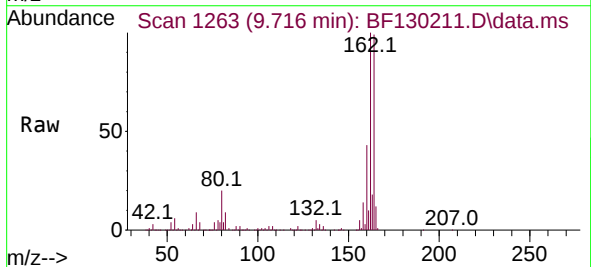
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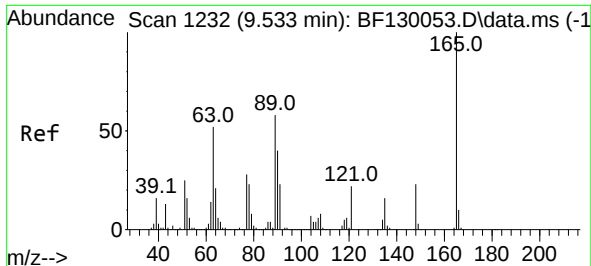
Tgt Ion:172 Resp: 1508822
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.7 19.1 28.7



#50
Dimethylphthalate
Concen: 2.803 ng
RT: 9.716 min Scan# 1263
Delta R.T. 0.247 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

Tgt Ion:163 Resp: 48267
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 551.3 8.2 12.2#

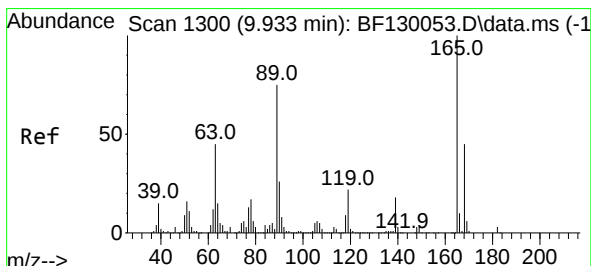
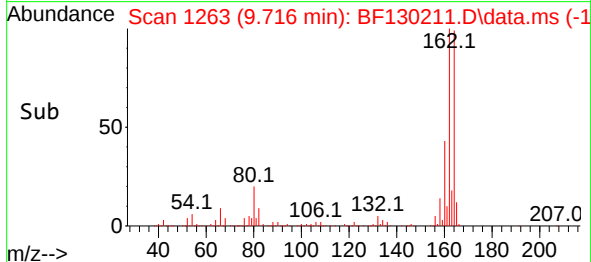
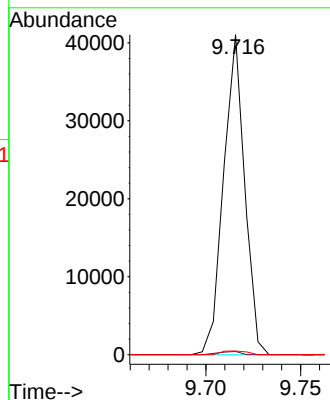
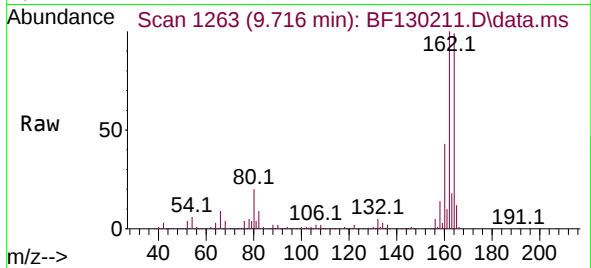




#51
2,6-Dinitrotoluene
Concen: 9.455 ng
RT: 9.716 min Scan# 1263
Delta R.T. 0.188 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

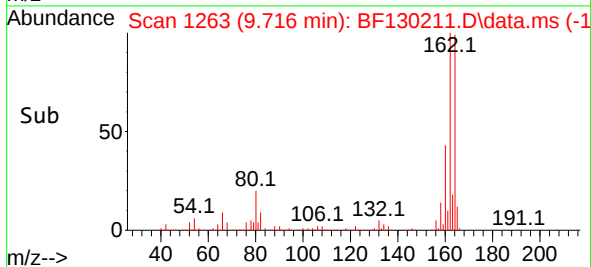
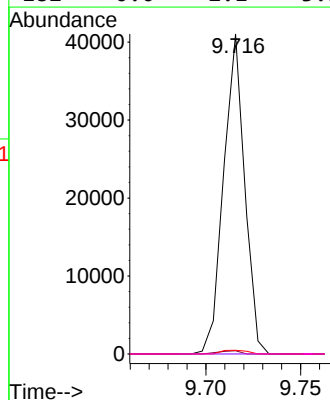
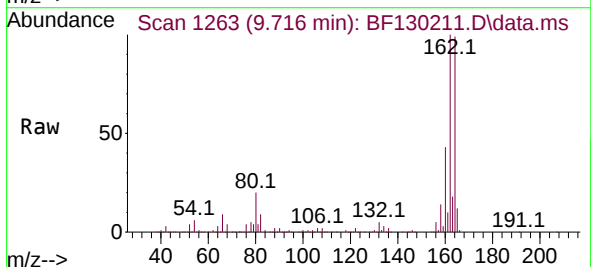
Instrument :
BNA_F
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256074-1

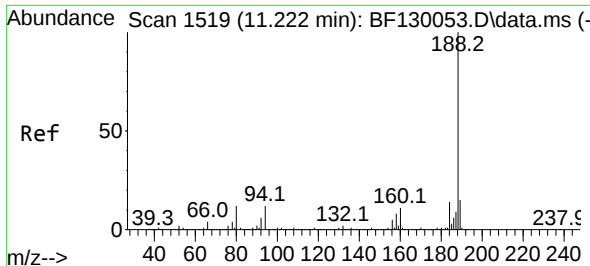
Tgt Ion:165 Resp: 31741
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.8#
89 1.1 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 8.212 ng
RT: 9.716 min Scan# 1263
Delta R.T. -0.206 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

Tgt Ion:165 Resp: 31741
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.1 62.3 93.5#
182 0.0 2.1 3.1#

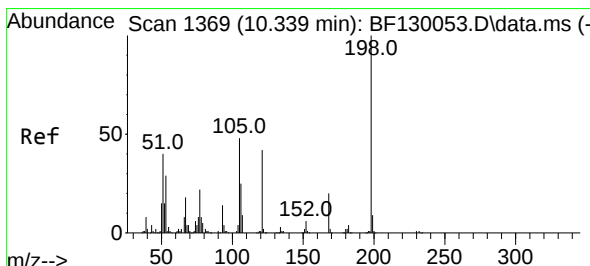
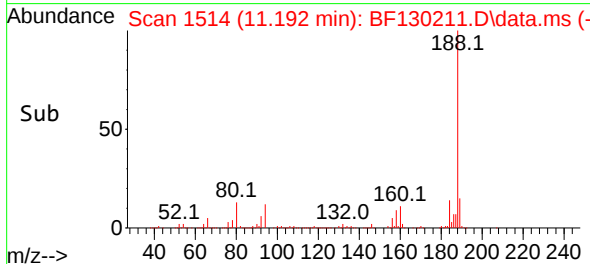
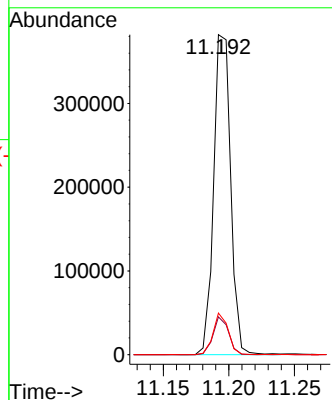
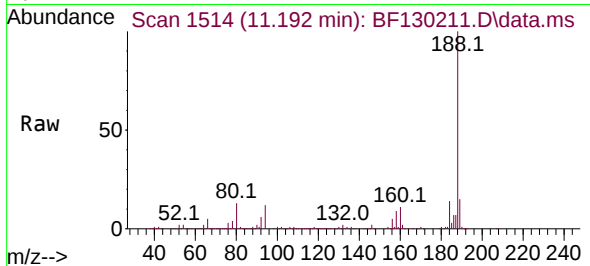




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.192 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

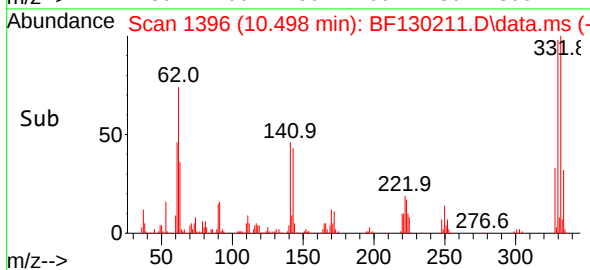
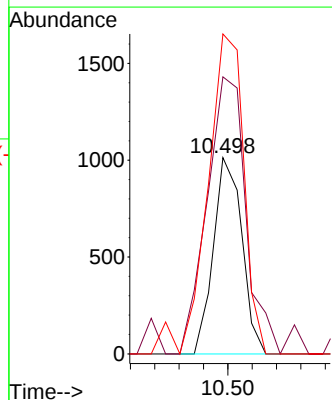
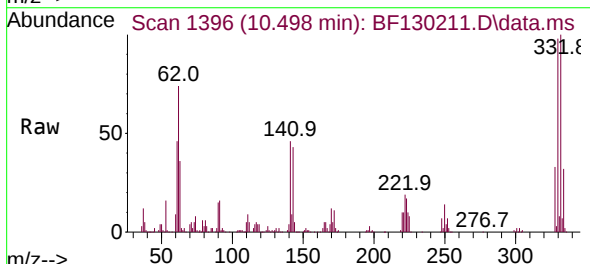
Instrument :
BNA_F
ClientSampleId :
256074-1

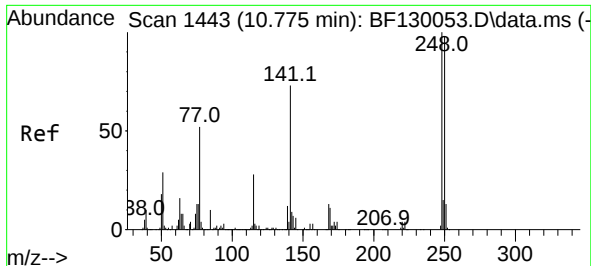
Tgt Ion:188 Resp: 344672
Ion Ratio Lower Upper
188 100
94 11.8 7.4 11.2#
80 13.0 7.9 11.9#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.523 ng
RT: 10.498 min Scan# 1396
Delta R.T. 0.170 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

Tgt Ion:198 Resp: 823
Ion Ratio Lower Upper
198 100
51 141.3 29.4 69.4#
105 163.1 29.2 69.2#

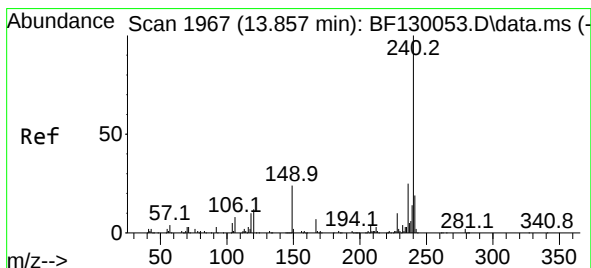
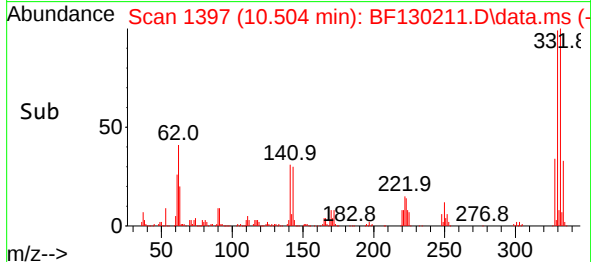
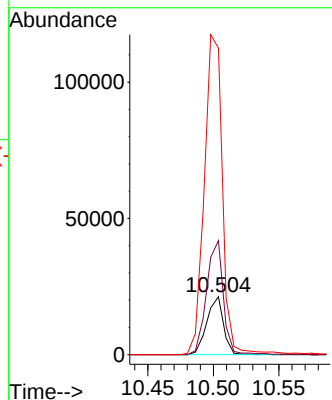
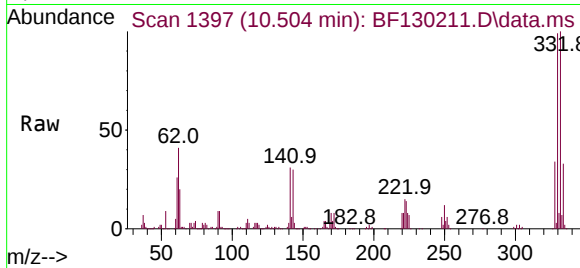




#67
4-Bromophenyl-phenylether
Concen: 4.933 ng
RT: 10.504 min Scan# 11
Delta R.T. -0.259 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

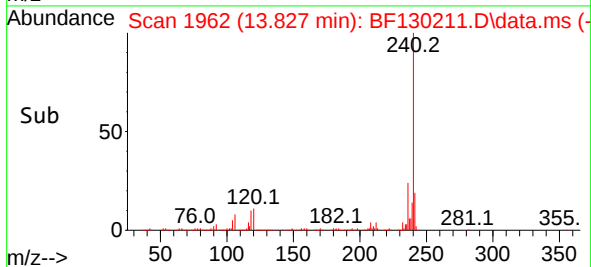
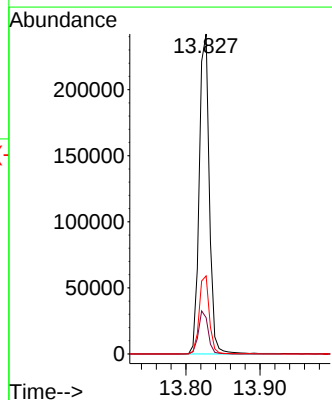
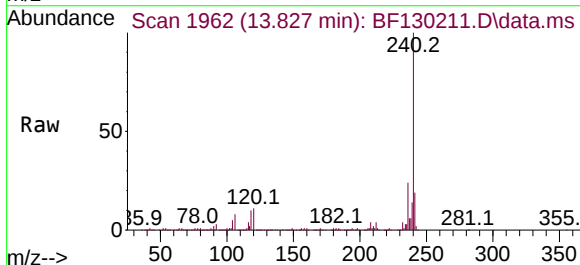
Instrument :
BNA_F
ClientSampleId :
256074-1

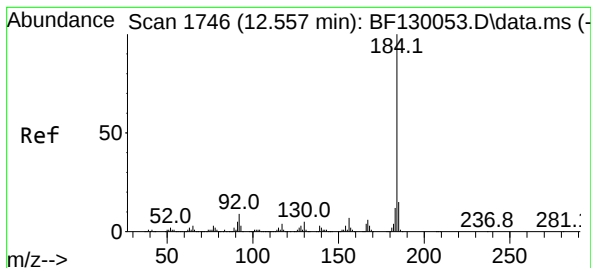
Tgt Ion:248 Resp: 18914
Ion Ratio Lower Upper
248 100
250 197.1 77.8 116.6#
141 529.4 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.827 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

Tgt Ion:240 Resp: 228203
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 24.4 20.7 31.1





#77

Benzidine

Concen: 2.697 ng

RT: 12.780 min Scan# 1784

Delta R.T. 0.235 min

Lab File: BF130211.D

Acq: 12 Sep 2022 18:30

Instrument :

BNA_F

ClientSampleId :

256074-1

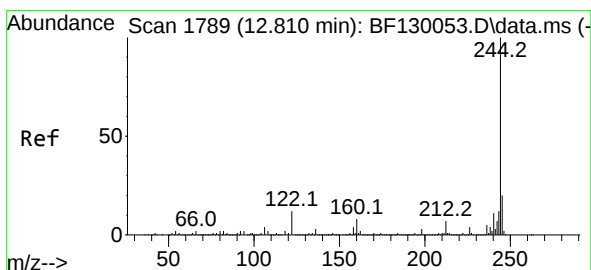
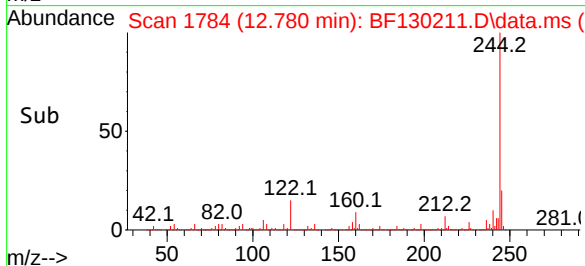
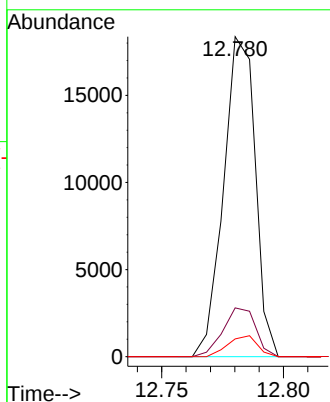
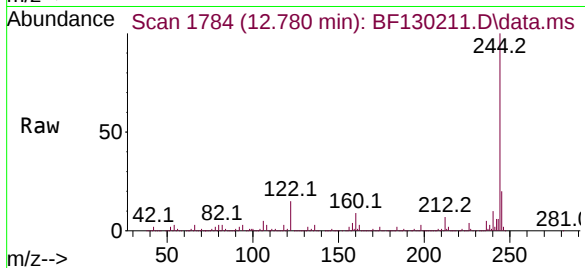
Tgt Ion:184 Resp: 16619

Ion Ratio Lower Upper

184 100

185 15.2 11.4 17.2

183 5.6 9.4 14.2#



#79

Terphenyl-d14

Concen: 84.178 ng

RT: 12.786 min Scan# 1785

Delta R.T. -0.012 min

Lab File: BF130211.D

Acq: 12 Sep 2022 18:30

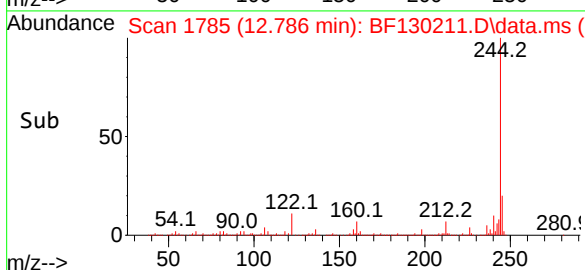
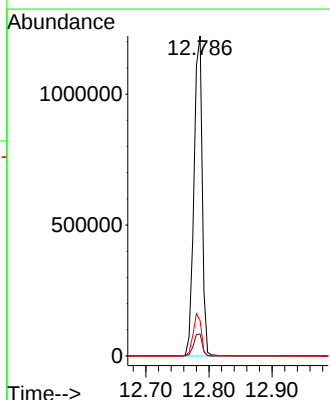
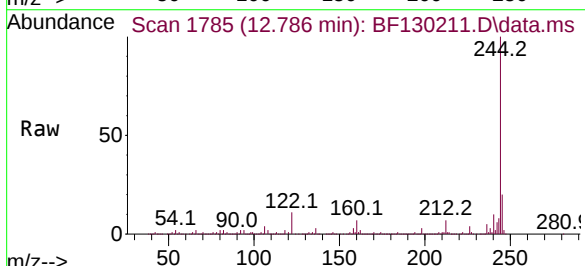
Tgt Ion:244 Resp: 1107746

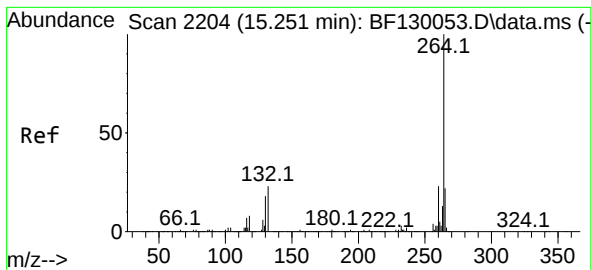
Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 11.0 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: BF130211.D

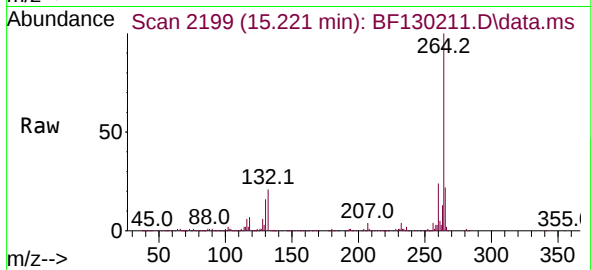
Acq: 12 Sep 2022 18:30

Instrument :

BNA_F

ClientSampleId :

256074-1



Tgt Ion:264 Resp: 275297

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.7 16.7 25.1

