

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
 Data File : BF130019.D
 Acq On : 26 Aug 2022 15:04
 Operator : CG\JU
 Sample : N4354-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-41

Quant Time: Aug 27 06:08:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

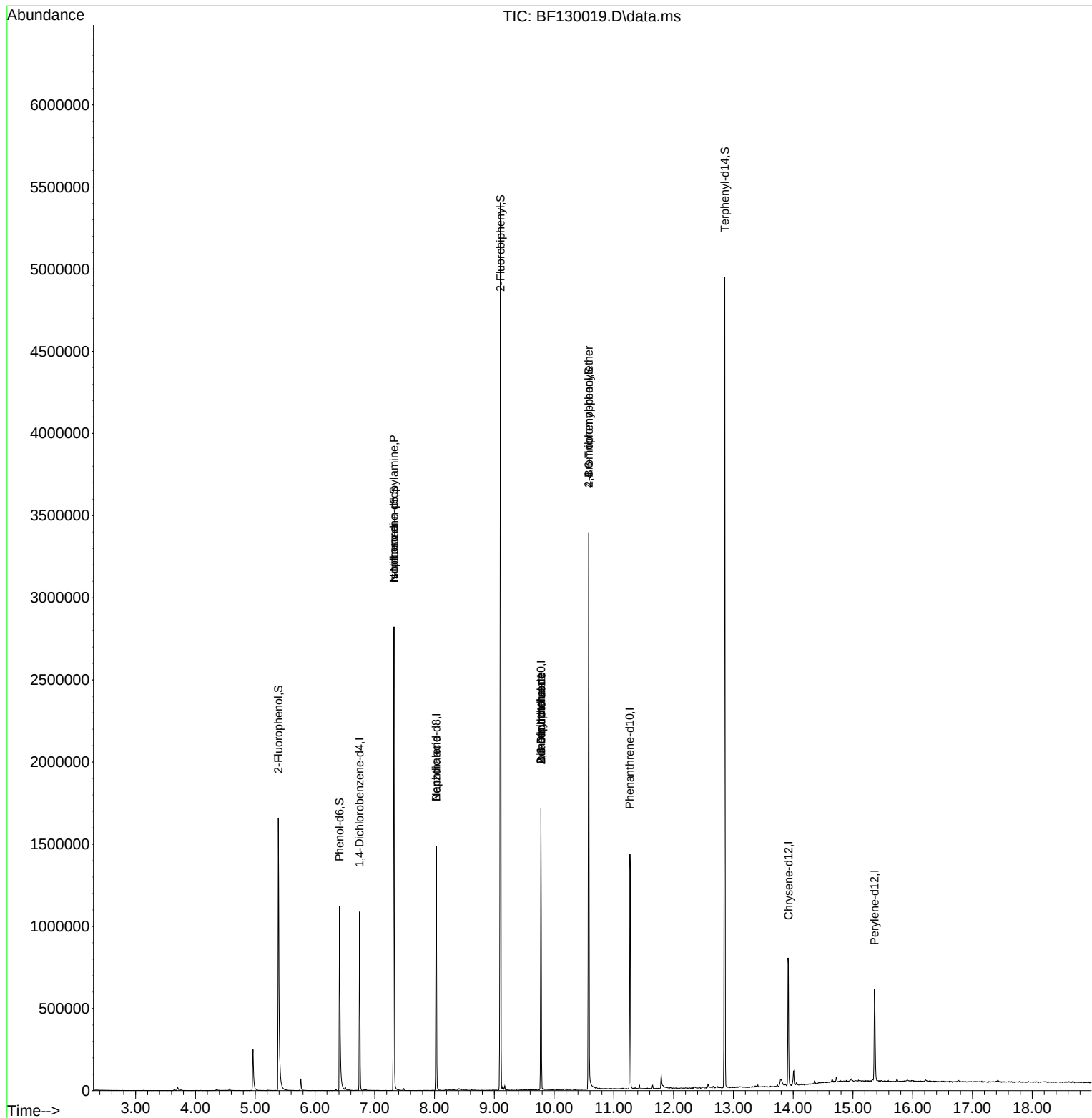
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	143604	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	580956	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	307701	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	506580	20.000	ng	-0.01
76) Chrysene-d12	13.921	240	268355	20.000	ng	0.00
86) Perylene-d12	15.362	264	243502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	520135	59.970	ng	0.00
7) Phenol-d6	6.410	99	408048	37.569	ng	-0.01
23) Nitrobenzene-d5	7.322	82	888615	81.881	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	377205	122.142	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1615886	79.760	ng	-0.01
79) Terphenyl-d14	12.857	244	1574208	97.609	ng	0.00
Target Compounds						
9) Benzaldehyde	6.410	77	801	Below Cal	Qvalue #	1
19) n-Nitroso-di-n-propyla...	7.322	70	122118	17.788 ng	#	79
25) Isophorone	7.322	82	888606	47.573 ng	#	65
32) Benzoic acid	8.028	122	96	2.185 ng	#	1
50) Dimethylphthalate	9.780	163	54505	2.471 ng	#	1
51) 2,6-Dinitrotoluene	9.780	165	41485	8.670 ng	#	23
57) 2,4-Dinitrotoluene	9.780	165	41485	6.679 ng	#	18
67) 4-Bromophenyl-phenylether	10.580	248	23267	3.921 ng	#	1
77) Benzidine	12.857	184	23326	Below Cal	#	86

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

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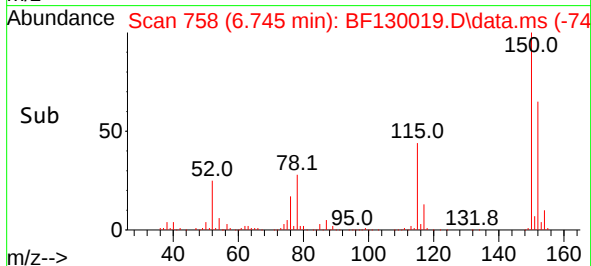
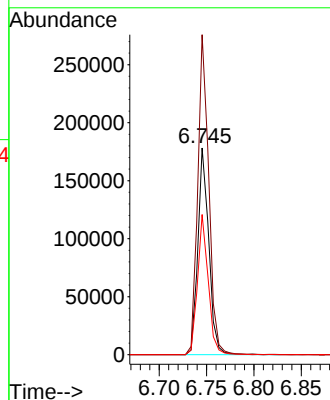
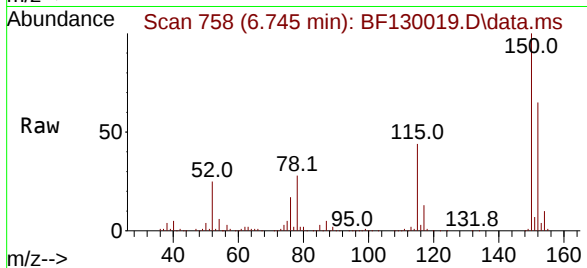




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130019.D
Acq: 26 Aug 2022 15:04

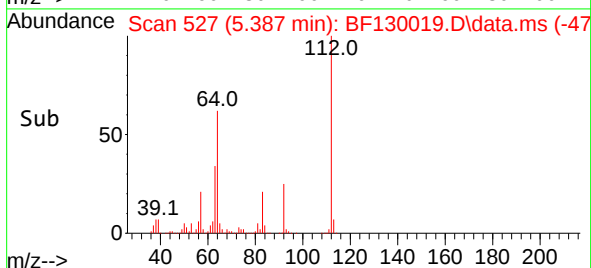
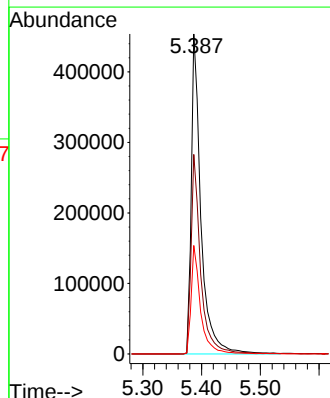
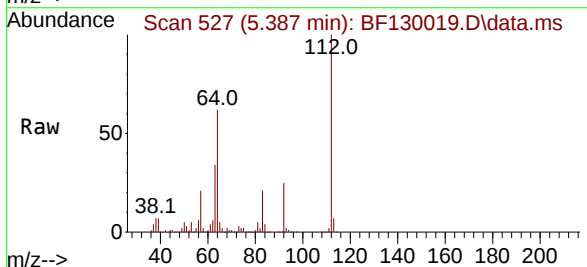
Instrument :
BNA_F
ClientSampleId :
MW-41

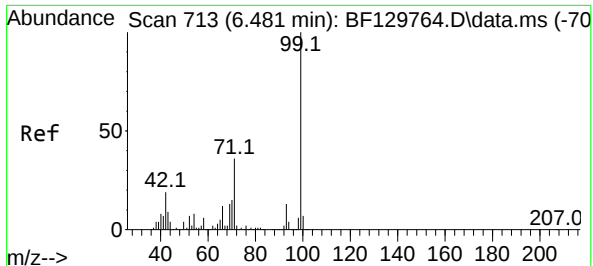
Tgt Ion:152 Resp: 143604
Ion Ratio Lower Upper
152 100
150 154.8 126.9 190.3
115 67.8 53.4 80.0



#5
2-Fluorophenol
Concen: 59.970 ng
RT: 5.387 min Scan# 527
Delta R.T. -0.006 min
Lab File: BF130019.D
Acq: 26 Aug 2022 15:04

Tgt Ion:112 Resp: 520135
Ion Ratio Lower Upper
112 100
64 62.4 47.6 71.4
63 33.9 24.6 37.0

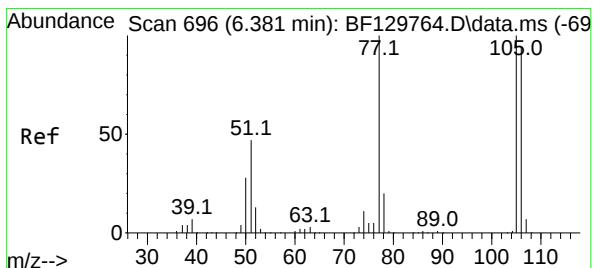
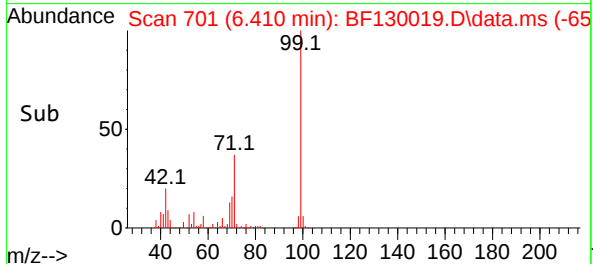
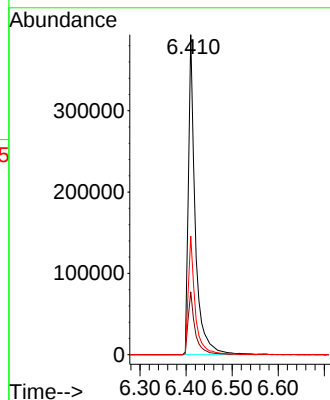
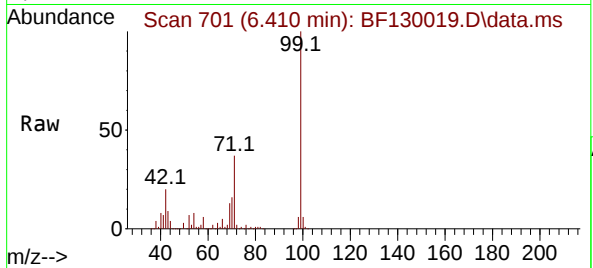




#7
Phenol-d6
Concen: 37.569 ng
RT: 6.410 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF130019.D
Acq: 26 Aug 2022 15:04

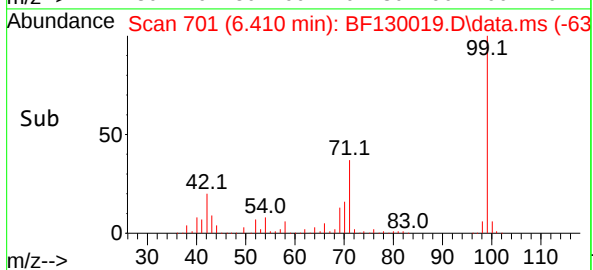
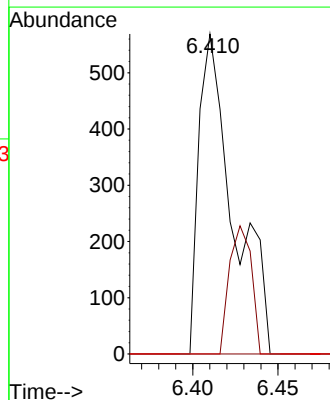
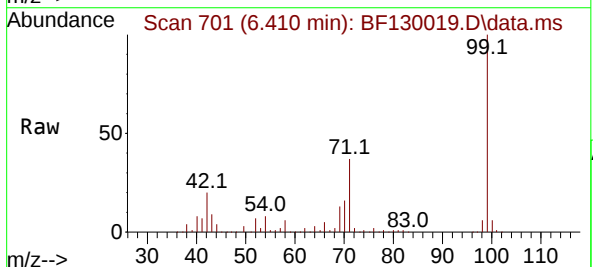
Instrument :
BNA_F
ClientSampleId :
MW-41

Tgt Ion: 99 Resp: 408048
Ion Ratio Lower Upper
99 100
42 19.7 15.0 22.4
71 37.0 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.410 min Scan# 701
Delta R.T. 0.094 min
Lab File: BF130019.D
Acq: 26 Aug 2022 15:04

Tgt Ion: 77 Resp: 801
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

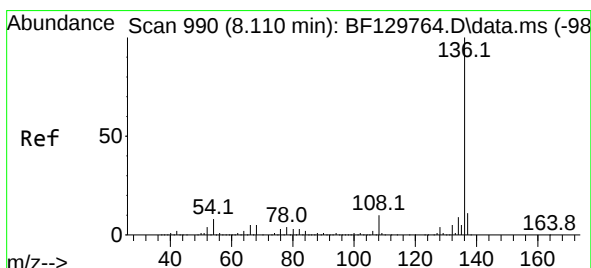
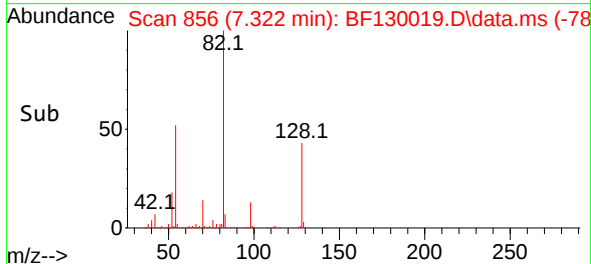
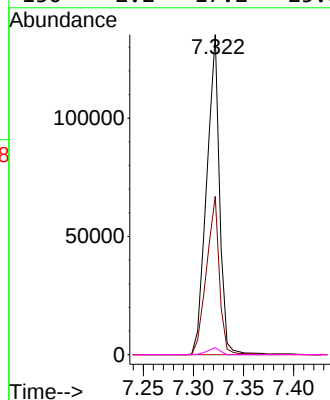
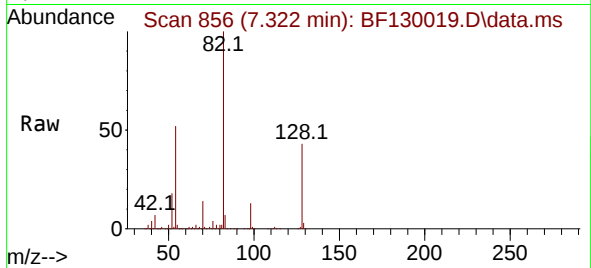




#19
n-Nitroso-di-n-propylamine
Concen: 17.788 ng
RT: 7.322 min Scan# 842
Delta R.T. 0.141 min
Lab File: BF130019.D
Acq: 26 Aug 2022 15:04

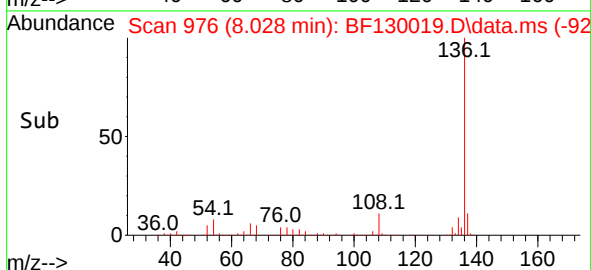
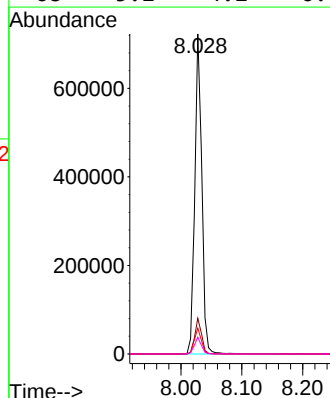
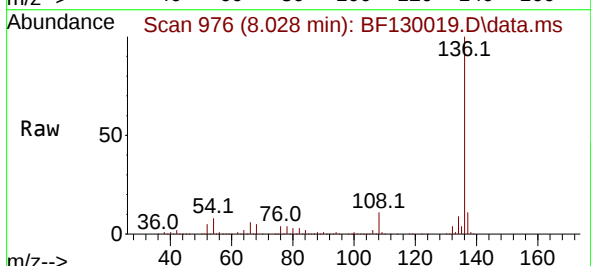
Instrument :
BNA_F
ClientSampleId :
MW-41

Tgt Ion: 70 Resp: 122118
Ion Ratio Lower Upper
70 100
42 49.5 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: 8.028 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF130019.D
Acq: 26 Aug 2022 15:04

Tgt Ion: 136 Resp: 580956
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.1 6.2 9.2
68 5.2 4.2 6.4





#23

Nitrobenzene-d5

Concen: 81.881 ng

RT: 7.322 min Scan# 856

Delta R.T. -0.012 min

Lab File: BF130019.D

Acq: 26 Aug 2022 15:04

Instrument :

BNA_F

ClientSampleId :

MW-41

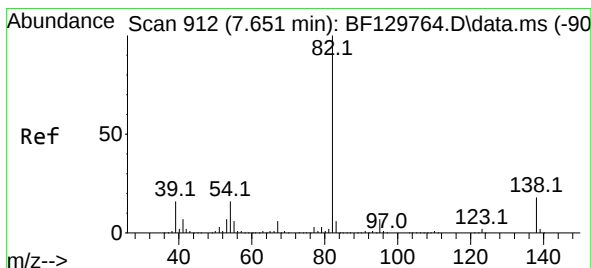
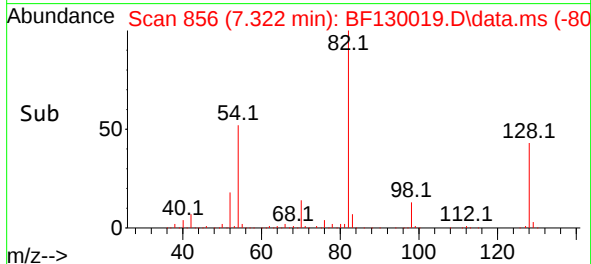
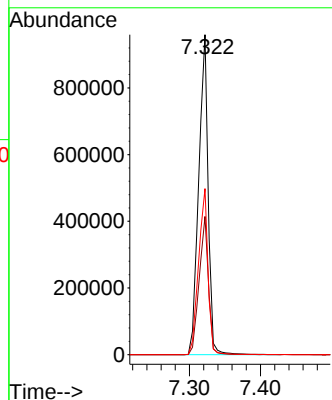
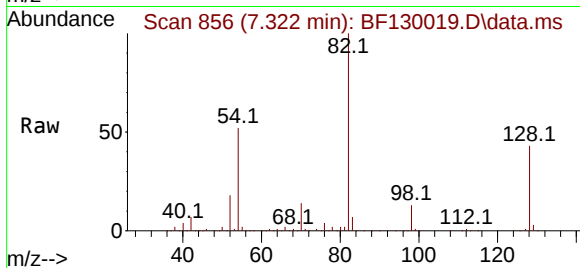
Tgt Ion: 82 Resp: 888615

Ion Ratio Lower Upper

82 100

128 43.2 36.1 54.1

54 51.9 40.0 60.0



#25

Isophorone

Concen: 47.573 ng

RT: 7.322 min Scan# 856

Delta R.T. -0.265 min

Lab File: BF130019.D

Acq: 26 Aug 2022 15:04

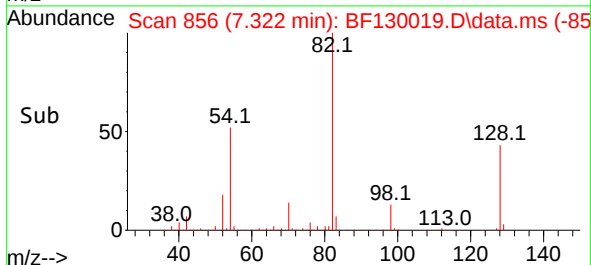
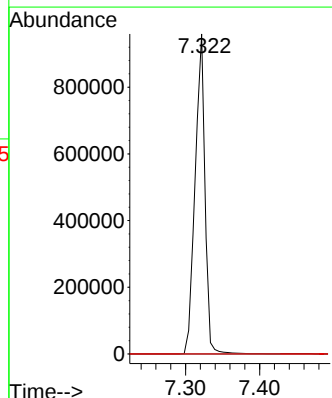
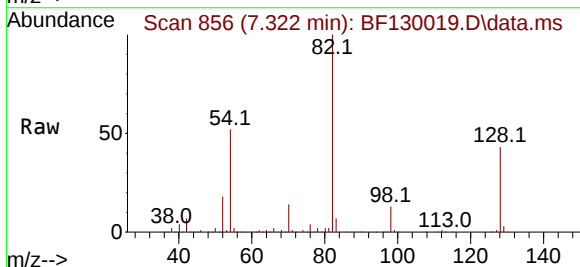
Tgt Ion: 82 Resp: 888606

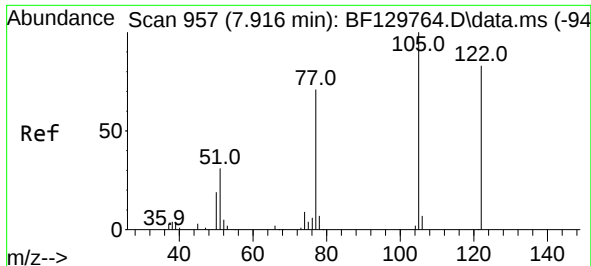
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

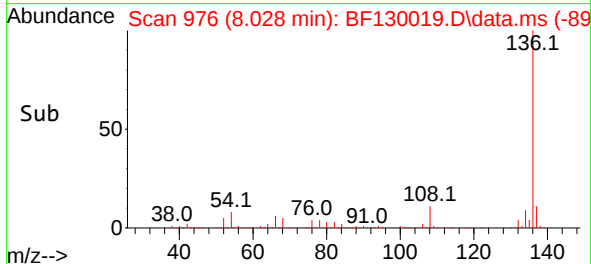
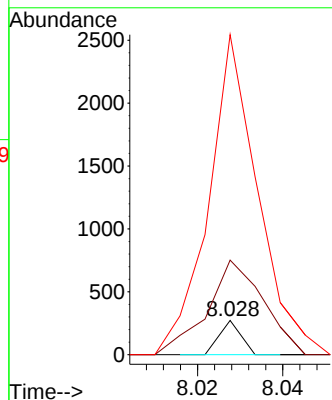
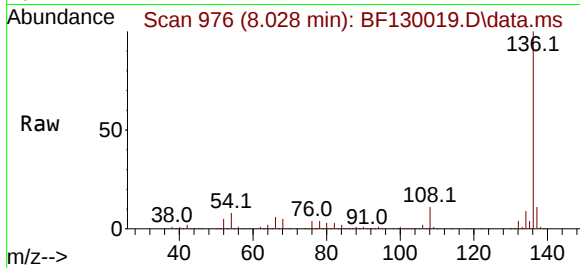




#32
Benzoic acid
Concen: 2.185 ng
RT: 8.028 min Scan# 91
Delta R.T. 0.165 min
Lab File: BF130019.D
Acq: 26 Aug 2022 15:04

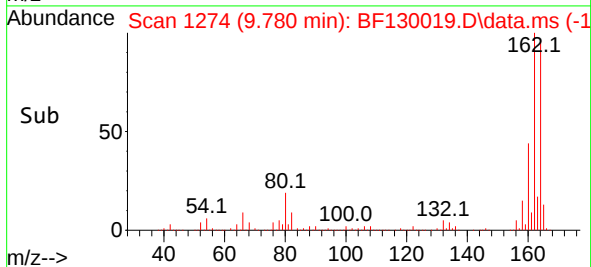
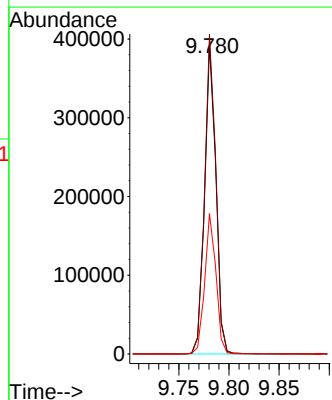
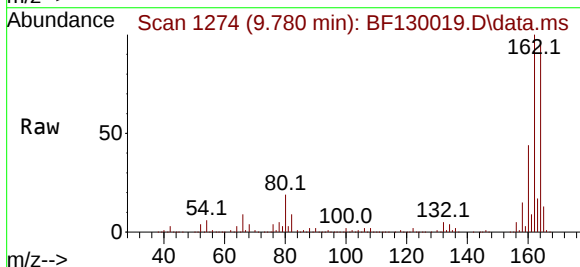
Instrument :
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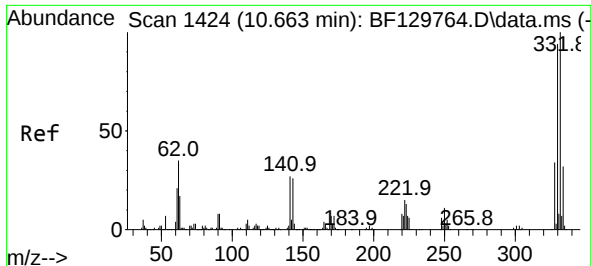
Tgt Ion:122 Resp: 96
Ion Ratio Lower Upper
122 100
105 276.5 99.9 139.9#
77 935.3 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BF130019.D
Acq: 26 Aug 2022 15:04

Tgt Ion:164 Resp: 307701
Ion Ratio Lower Upper
164 100
162 103.7 82.0 123.0
160 45.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 122.142 ng

RT: 10.580 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130019.D

Acq: 26 Aug 2022 15:04

Instrument :

BNA_F

ClientSampleId :

MW-41

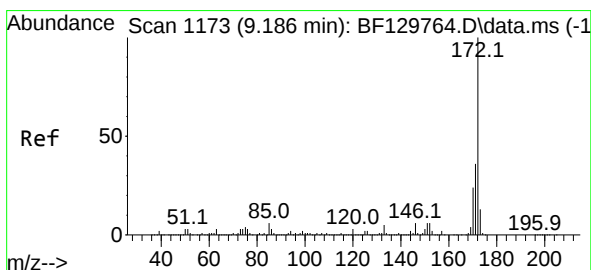
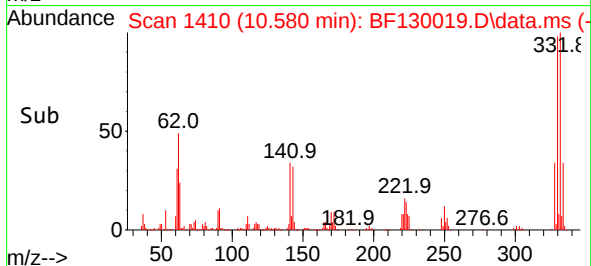
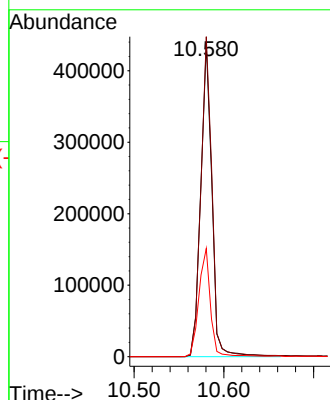
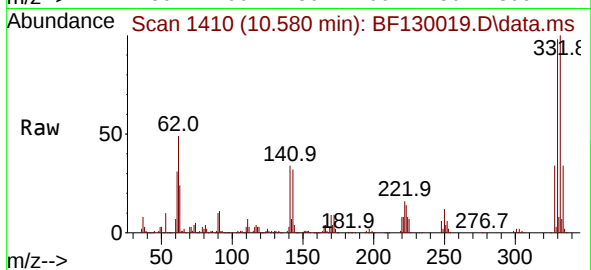
Tgt Ion:330 Resp: 377205

Ion Ratio Lower Upper

330 100

332 102.4 82.6 124.0

141 36.0 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 79.760 ng

RT: 9.104 min Scan# 1159

Delta R.T. -0.012 min

Lab File: BF130019.D

Acq: 26 Aug 2022 15:04

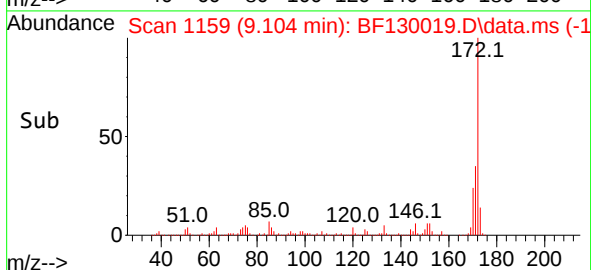
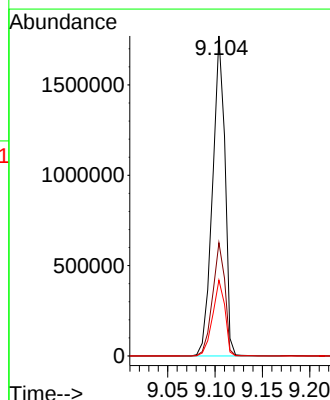
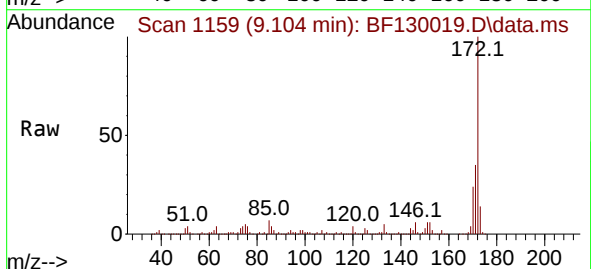
Tgt Ion:172 Resp: 1615886

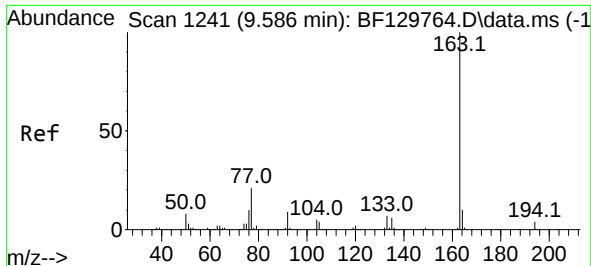
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.7 19.1 28.7

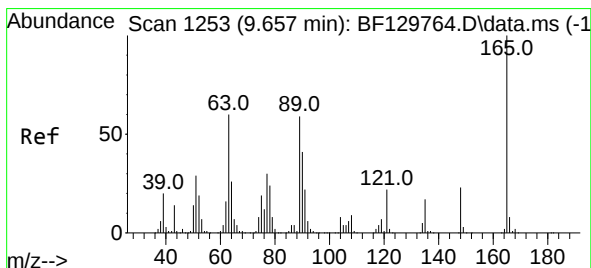
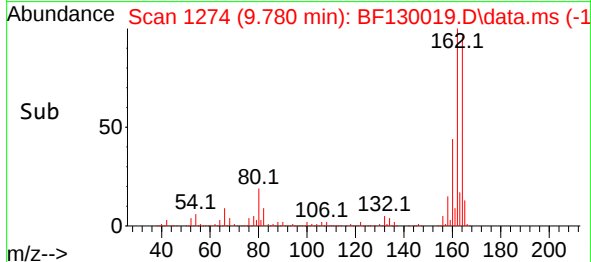
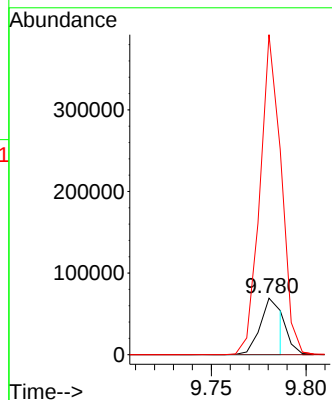
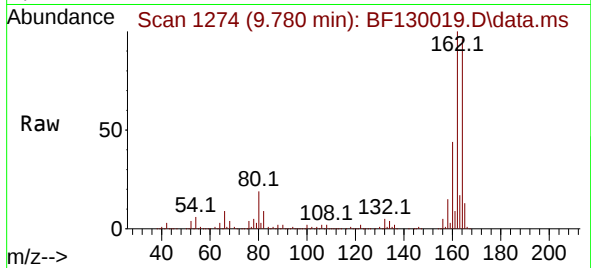




#50
Dimethylphthalate
Concen: 2.471 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF130019.D
Acq: 26 Aug 2022 15:04

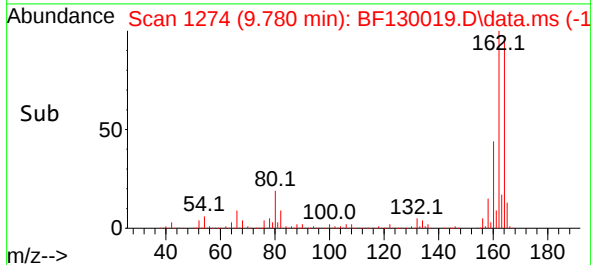
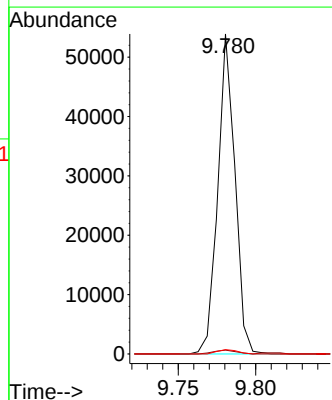
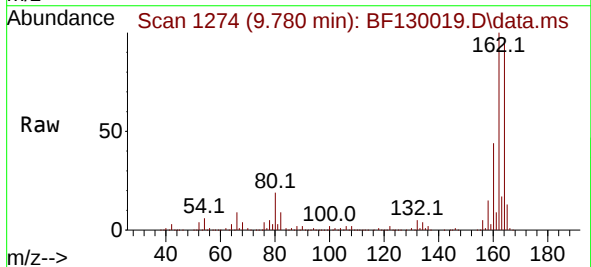
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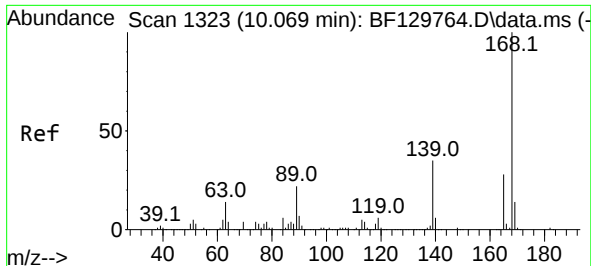
Tgt Ion:163 Resp: 54505
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 566.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.670 ng
RT: 9.780 min Scan# 1274
Delta R.T. 0.188 min
Lab File: BF130019.D
Acq: 26 Aug 2022 15:04

Tgt Ion:165 Resp: 41485
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.8#
89 1.3 47.2 70.8#

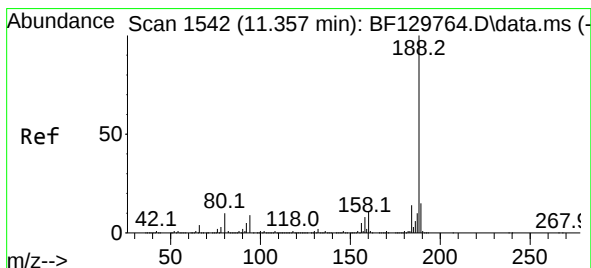
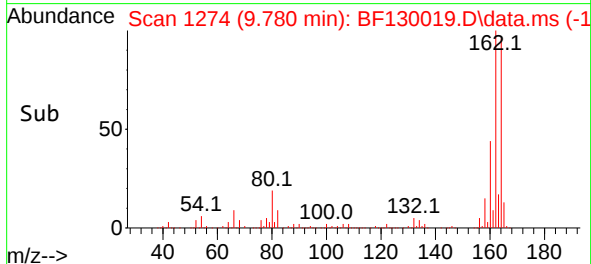
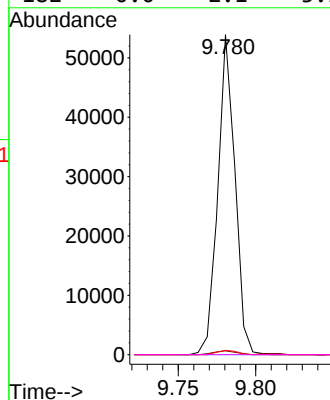
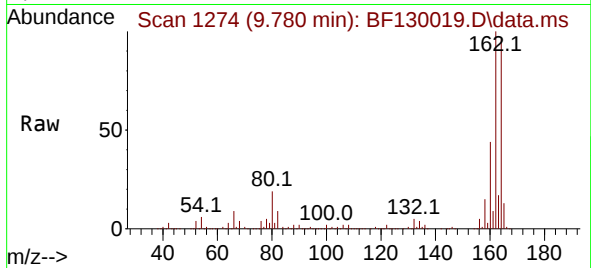




#57
2,4-Dinitrotoluene
Concen: 6.679 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF130019.D
Acq: 26 Aug 2022 15:04

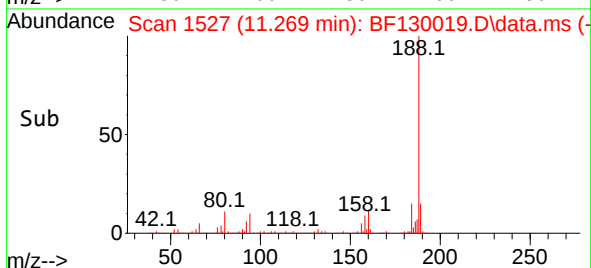
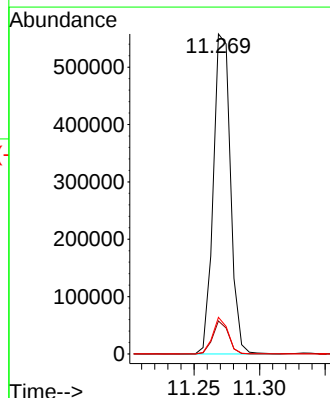
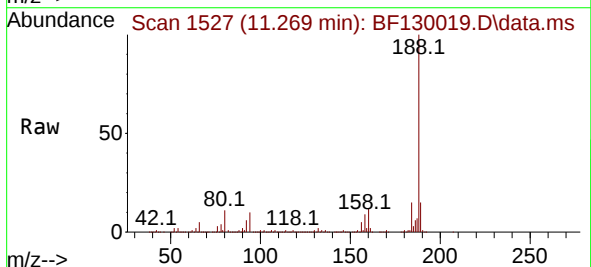
Instrument :
BNA_F
ClientSampleId :
MW-41

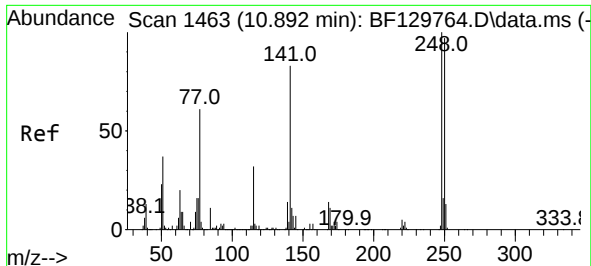
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Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.3 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1527
Delta R.T. -0.012 min
Lab File: BF130019.D
Acq: 26 Aug 2022 15:04

Tgt Ion:188 Resp: 506580
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 11.5 7.9 11.9

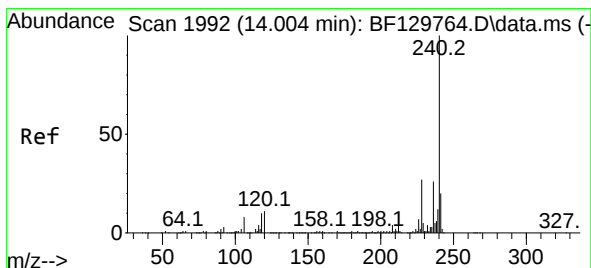
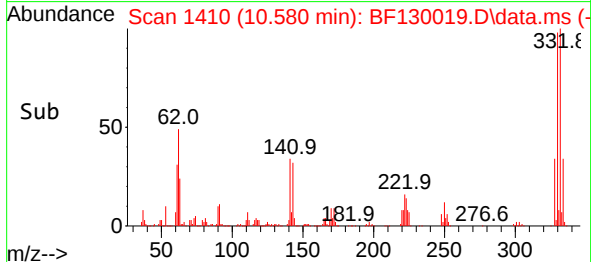
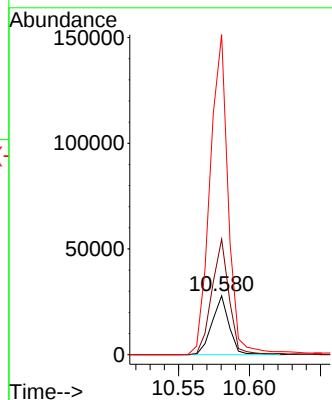
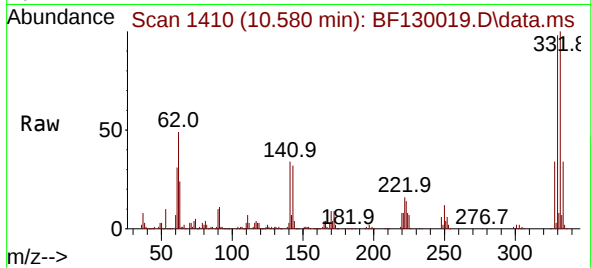




#67
4-Bromophenyl-phenylether
Concen: 3.921 ng
RT: 10.580 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF130019.D
Acq: 26 Aug 2022 15:04

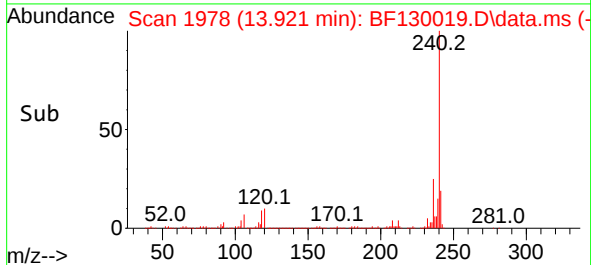
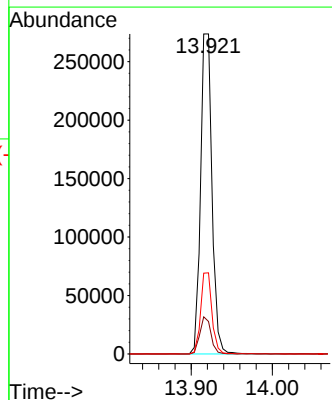
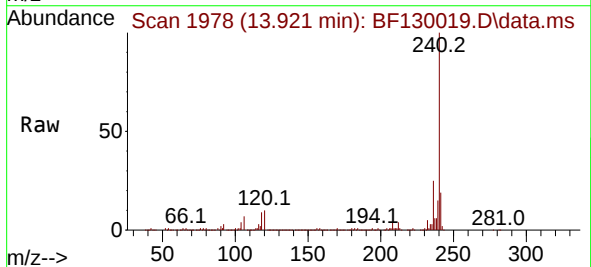
Instrument :
BNA_F
ClientSampleId :
MW-41

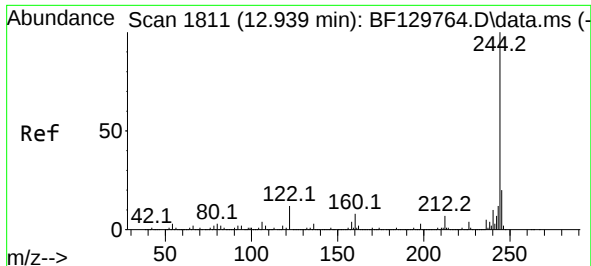
Tgt Ion:248 Resp: 23267
Ion Ratio Lower Upper
248 100
250 196.3 77.8 116.6#
141 544.0 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130019.D
Acq: 26 Aug 2022 15:04

Tgt Ion:240 Resp: 268355
Ion Ratio Lower Upper
240 100
120 10.2 9.2 13.8
236 25.3 20.7 31.1

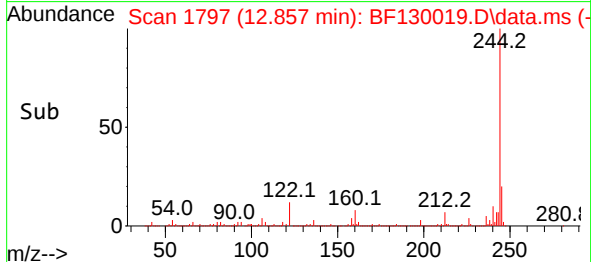
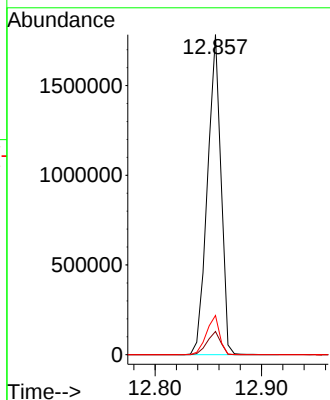
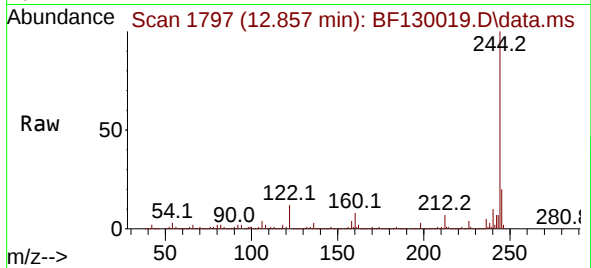




#79
 Terphenyl-d14
 Concen: 97.609 ng
 RT: 12.857 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130019.D
 Acq: 26 Aug 2022 15:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-41

Tgt Ion:244 Resp: 1574208
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.3 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.362 min Scan# 2223
 Delta R.T. -0.006 min
 Lab File: BF130019.D
 Acq: 26 Aug 2022 15:04

Tgt Ion:264 Resp: 243502
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.6 16.7 25.1

