

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
 Data File : BF129321.D
 Acq On : 22 Jul 2022 18:10
 Operator : CG\JU
 Sample : N3813-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QUEENS4A-WC-20220720

Quant Time: Jul 23 01:23:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

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

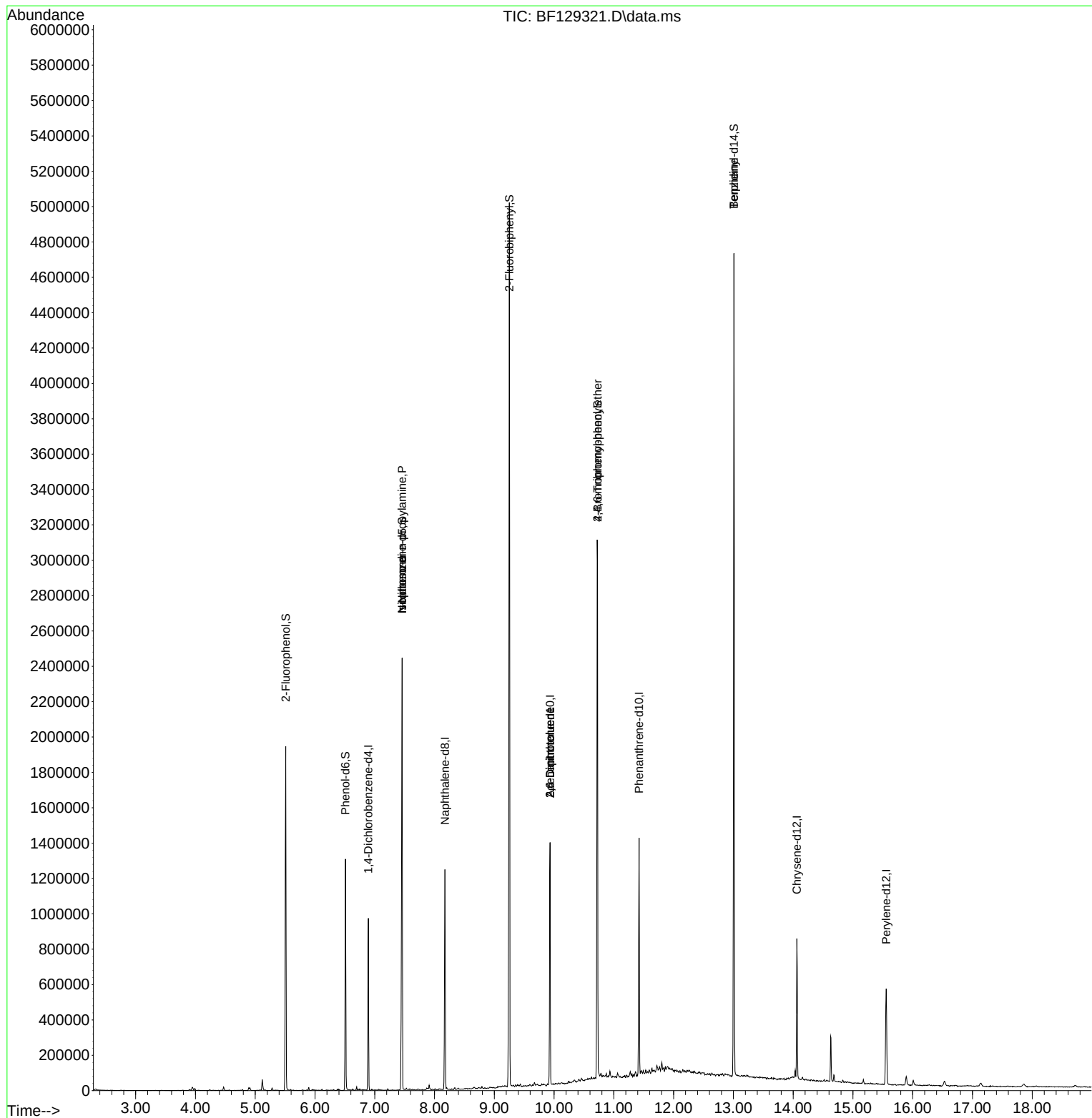
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	128217	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	516284	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	269810	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	438684	20.000	ng	0.00
76) Chrysene-d12	14.062	240	258937	20.000	ng	-0.02
86) Perylene-d12	15.556	264	237171	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	452816	57.602	ng	0.00
7) Phenol-d6	6.510	99	364392	36.363	ng	-0.02
23) Nitrobenzene-d5	7.457	82	792034	82.534	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	373084	143.322	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1498078	85.415	ng	0.00
79) Terphenyl-d14	13.010	244	1543165	110.994	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	109999	18.423	ng	# 76
25) Isophorone	7.457	82	792025	47.010	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	35025	8.439	ng	# 26
57) 2,4-Dinitrotoluene	9.933	165	35025	6.437	ng	# 22
67) 4-Bromophenyl-phenylether	10.727	248	23763	5.020	ng	# 1
77) Benzidine	13.010	184	24305	2.355	ng	# 92

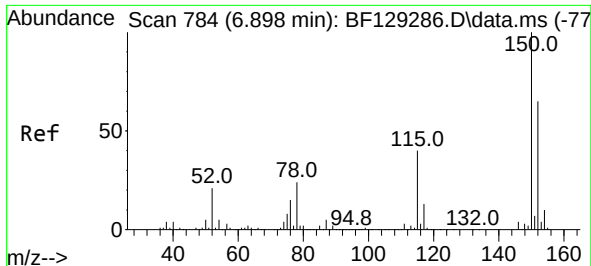
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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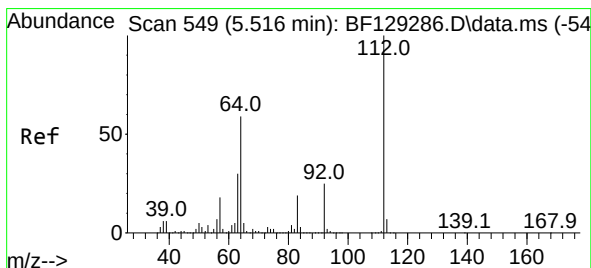
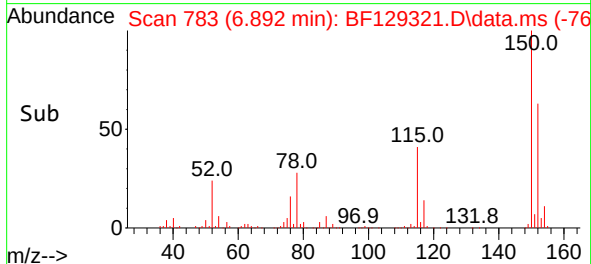
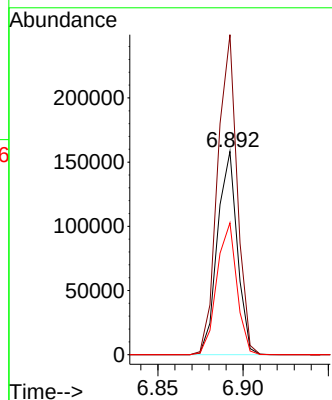
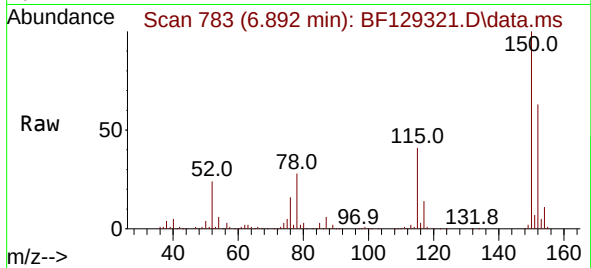




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129321.D
Acq: 22 Jul 2022 18:10

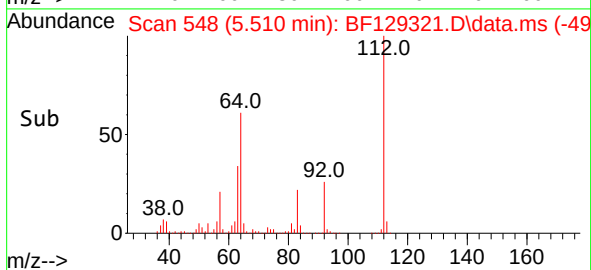
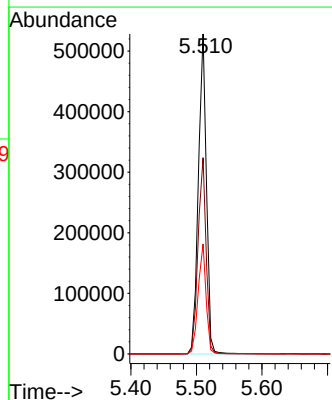
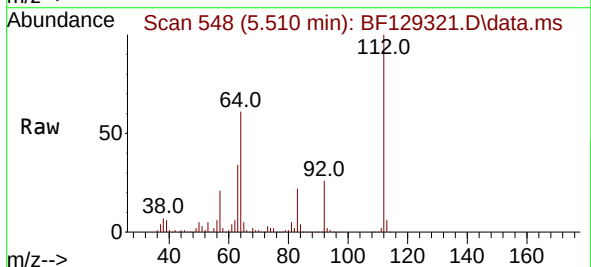
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720

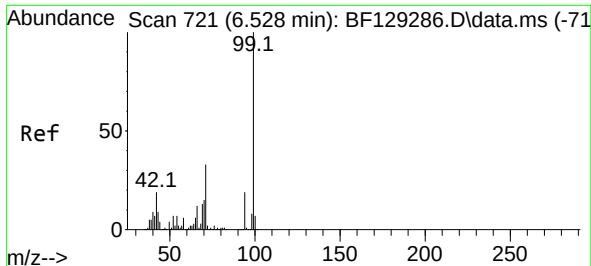
Tgt Ion:152 Resp: 128217
Ion Ratio Lower Upper
152 100
150 157.5 123.7 185.5
115 64.9 49.9 74.9



#5
2-Fluorophenol
Concen: 57.602 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.006 min
Lab File: BF129321.D
Acq: 22 Jul 2022 18:10

Tgt Ion:112 Resp: 452816
Ion Ratio Lower Upper
112 100
64 61.4 53.3 79.9
63 34.3 28.0 42.0

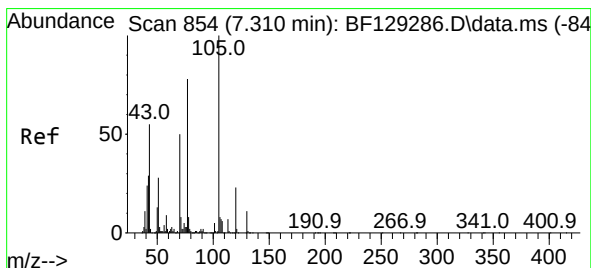
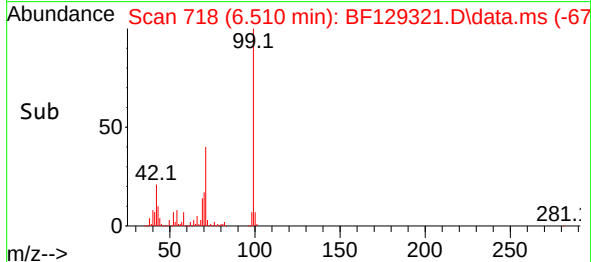
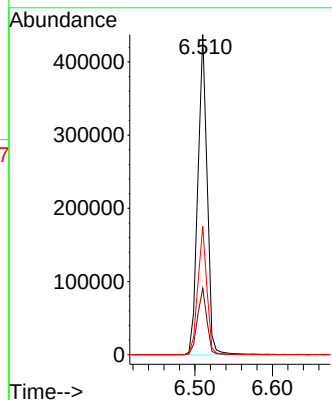
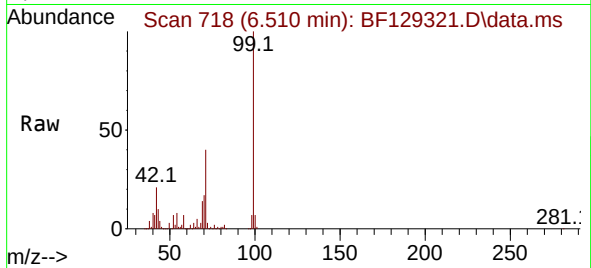




#7
Phenol-d6
Concen: 36.363 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129321.D
Acq: 22 Jul 2022 18:10

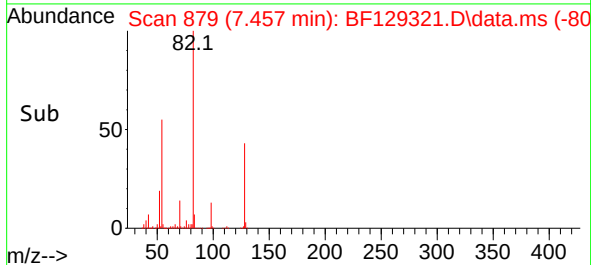
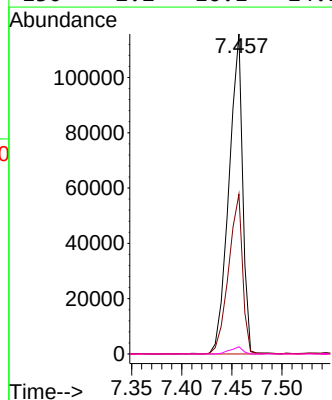
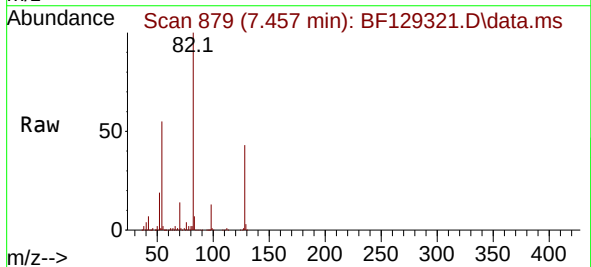
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720

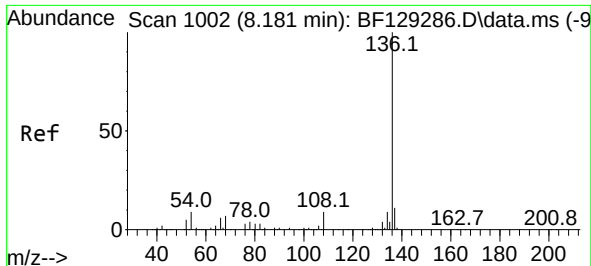
Tgt Ion: 99 Resp: 364392
Ion Ratio Lower Upper
99 100
42 20.8 17.3 25.9
71 40.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.423 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF129321.D
Acq: 22 Jul 2022 18:10

Tgt Ion: 70 Resp: 109999
Ion Ratio Lower Upper
70 100
42 49.9 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

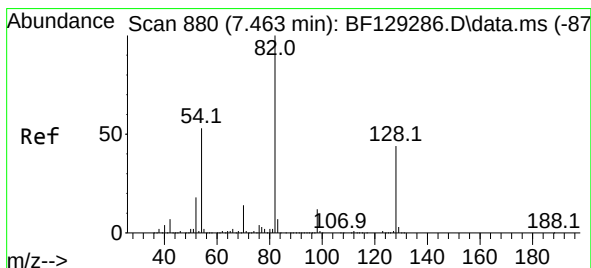
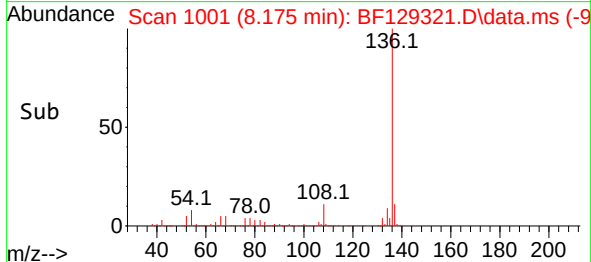
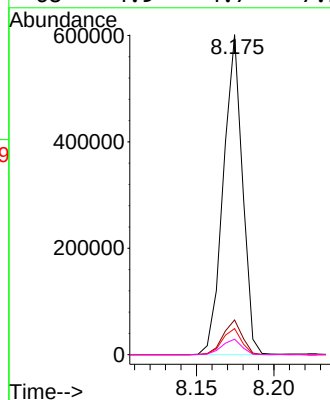
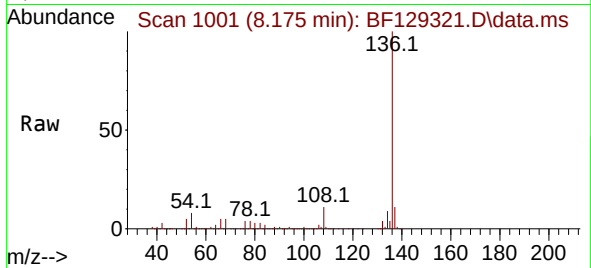




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF129321.D
Acq: 22 Jul 2022 18:10

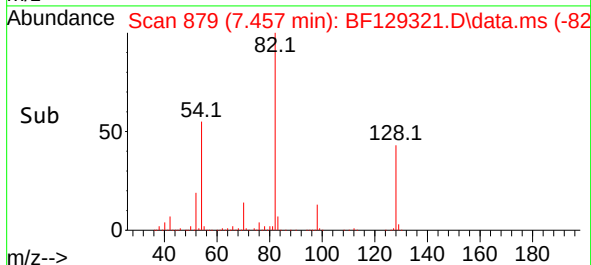
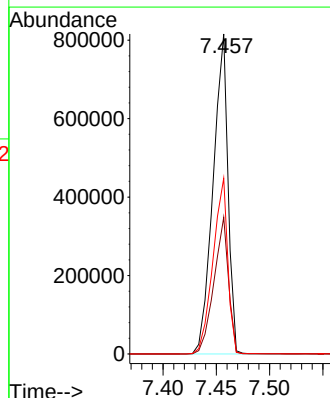
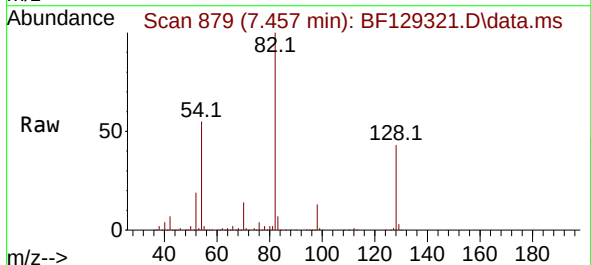
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720

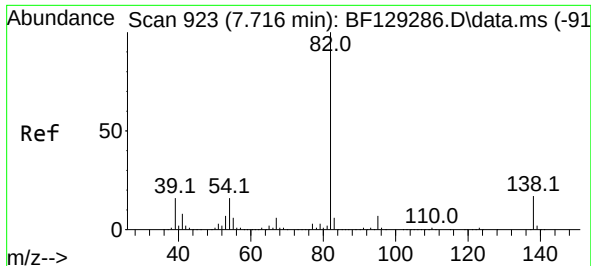
Tgt Ion:136 Resp: 516284
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.2 7.5 11.3
68 4.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 82.534 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF129321.D
Acq: 22 Jul 2022 18:10

Tgt Ion: 82 Resp: 792034
Ion Ratio Lower Upper
82 100
128 42.7 34.0 51.0
54 54.9 46.9 70.3

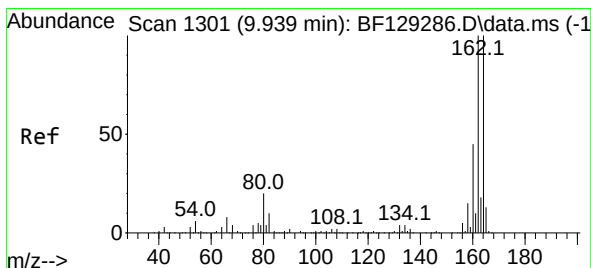
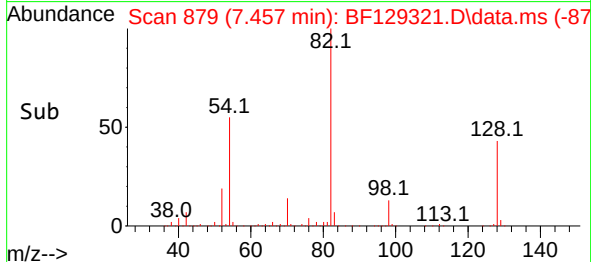
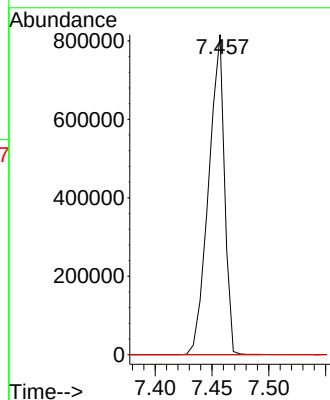
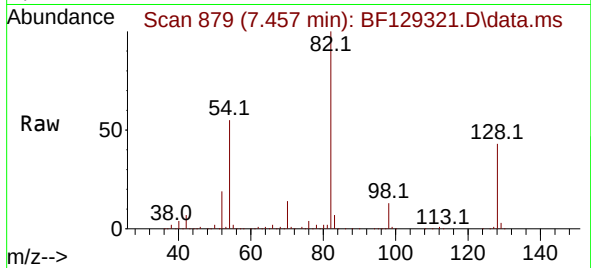




#25
Isophorone
Concen: 47.010 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129321.D
Acq: 22 Jul 2022 18:10

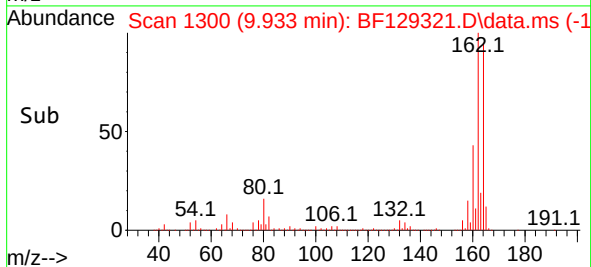
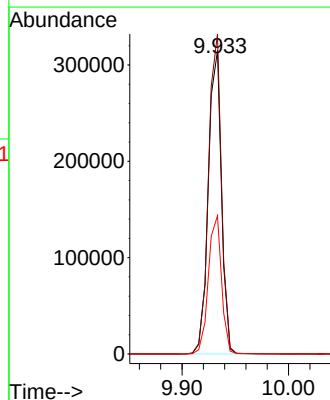
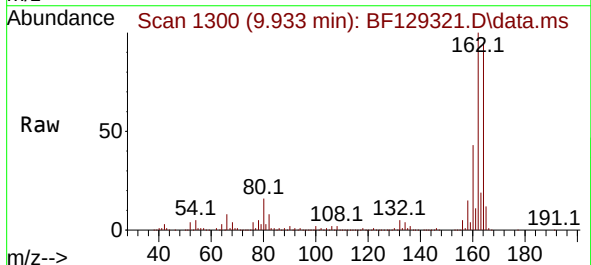
Instrument :
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ClientSampleId :
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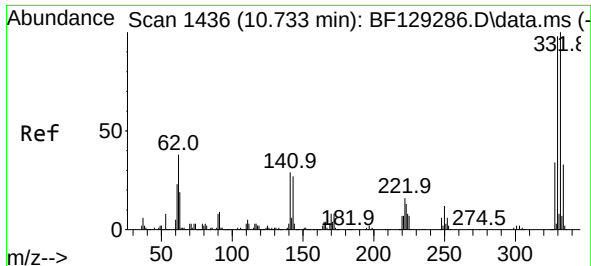
Tgt Ion: 82 Resp: 792025
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF129321.D
Acq: 22 Jul 2022 18:10

Tgt Ion:164 Resp: 269810
Ion Ratio Lower Upper
164 100
162 105.5 79.5 119.3
160 45.6 34.2 51.4

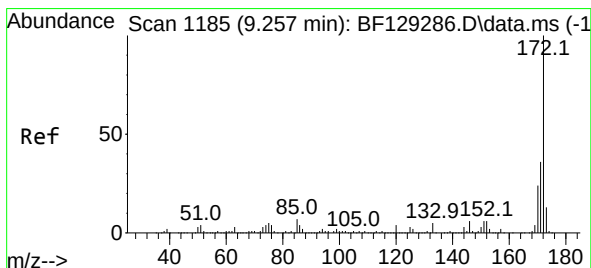
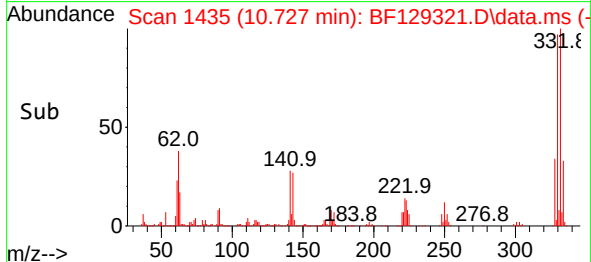
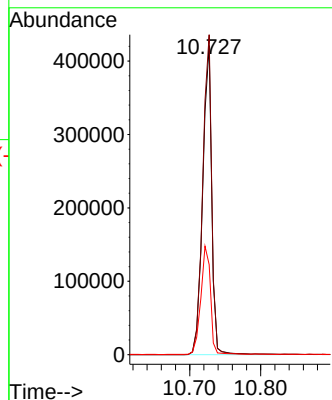
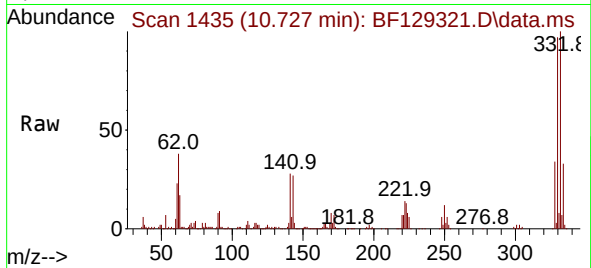




#42
2,4,6-Tribromophenol
Concen: 143.322 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129321.D
Acq: 22 Jul 2022 18:10

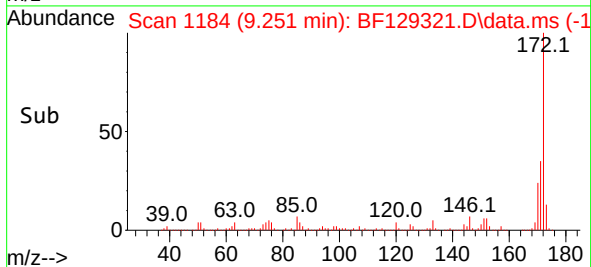
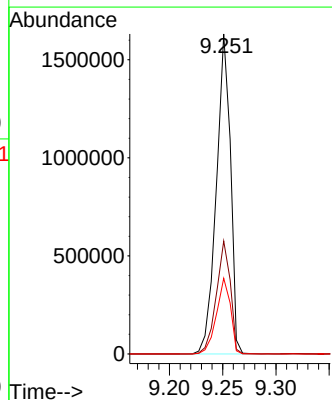
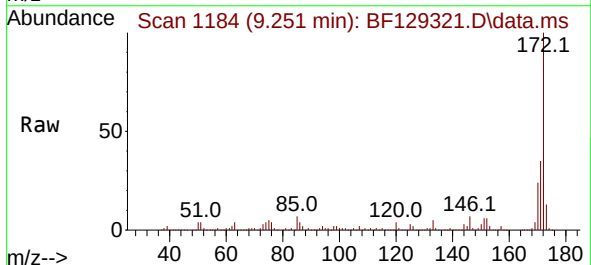
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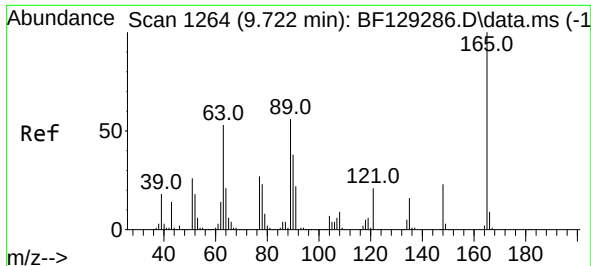
Tgt Ion:330 Resp: 373084
Ion Ratio Lower Upper
330 100
332 103.2 76.8 115.2
141 37.6 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 85.415 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF129321.D
Acq: 22 Jul 2022 18:10

Tgt Ion:172 Resp: 1498078
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.7 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.439 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF129321.D

Acq: 22 Jul 2022 18:10

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720

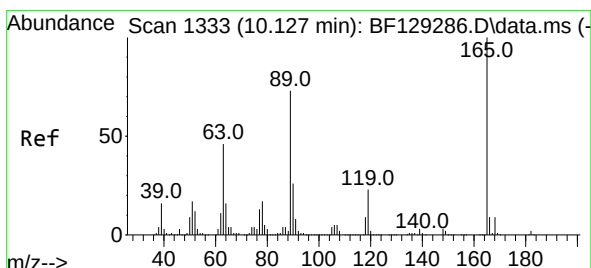
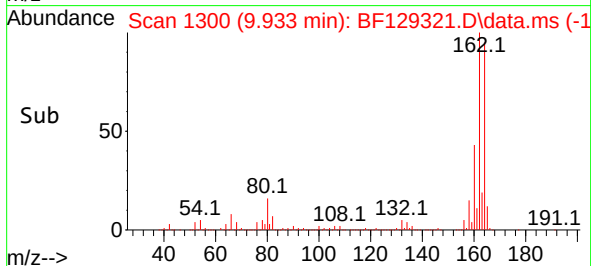
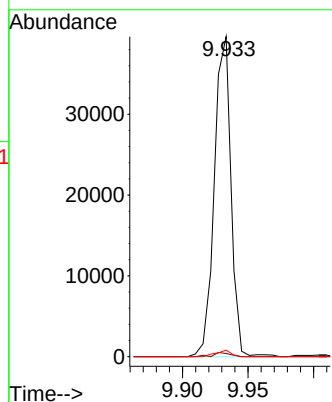
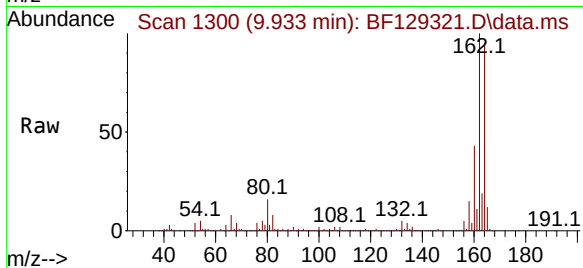
Tgt Ion:165 Resp: 35025

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 2.0 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.437 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.194 min

Lab File: BF129321.D

Acq: 22 Jul 2022 18:10

Tgt Ion:165 Resp: 35025

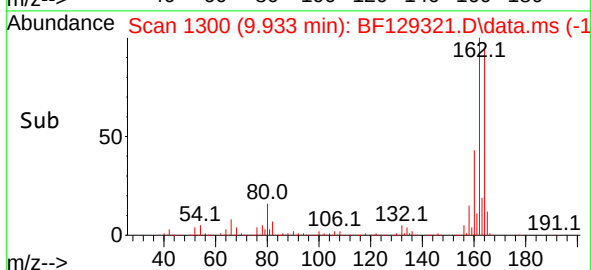
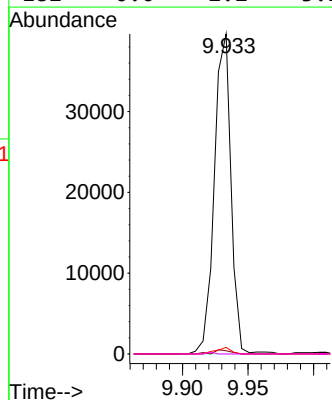
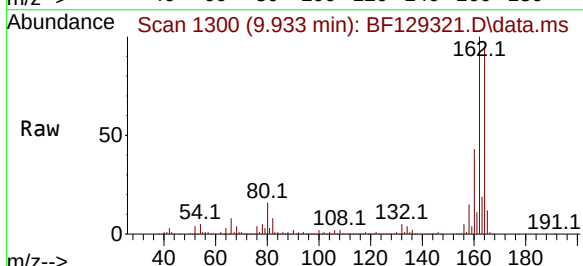
Ion Ratio Lower Upper

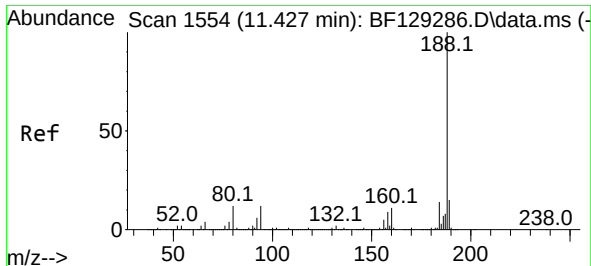
165 100

63 1.0 39.8 59.6#

89 2.0 60.2 90.2#

182 0.0 2.2 3.2#

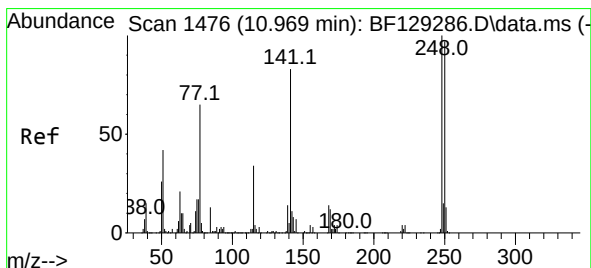
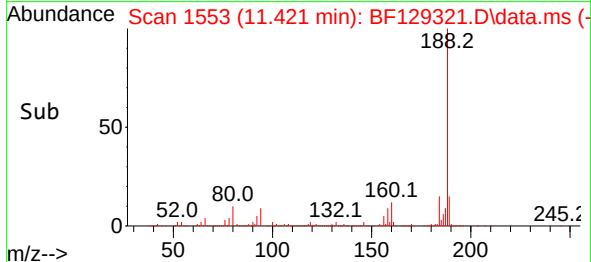
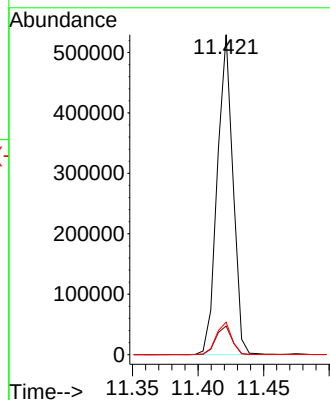
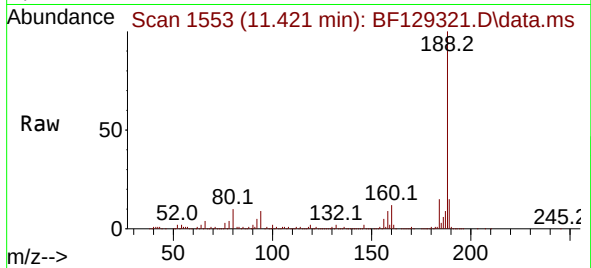




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129321.D
Acq: 22 Jul 2022 18:10

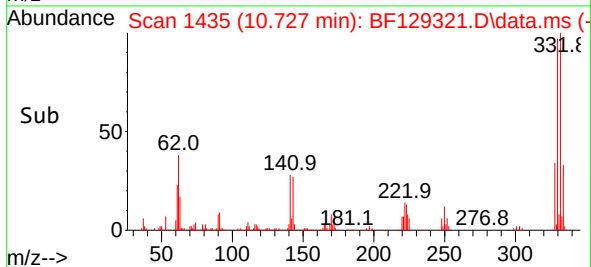
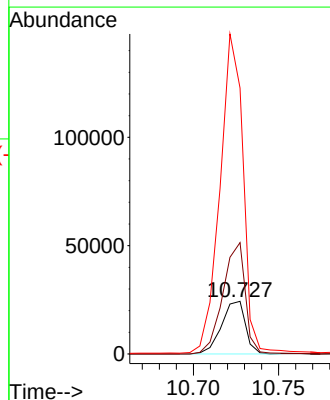
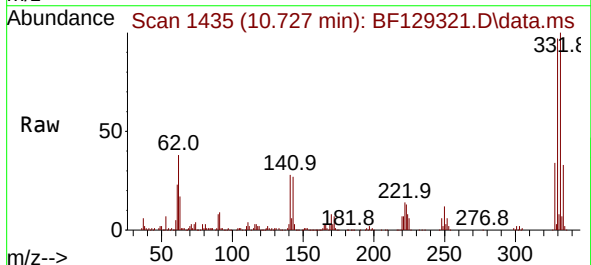
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720

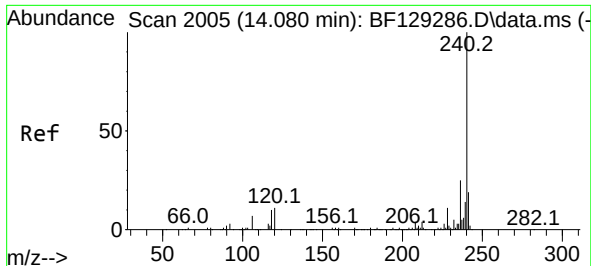
Tgt Ion:188 Resp: 438684
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 10.1 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.020 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF129321.D
Acq: 22 Jul 2022 18:10

Tgt Ion:248 Resp: 23763
Ion Ratio Lower Upper
248 100
250 211.5 80.6 120.8#
141 505.3 58.9 88.3#

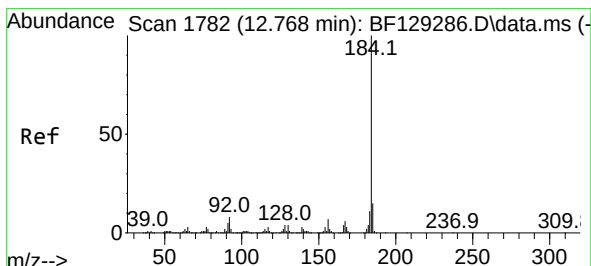
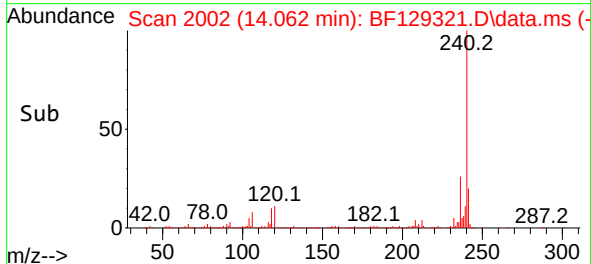
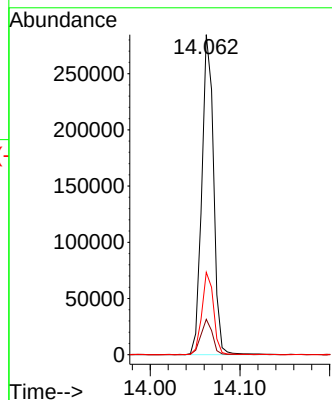
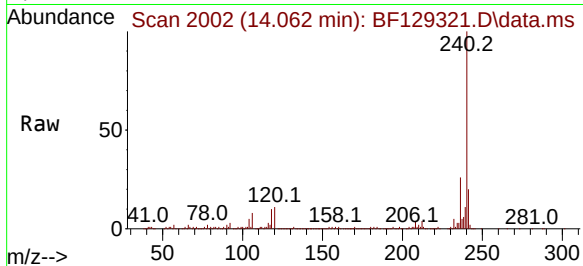




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF129321.D
Acq: 22 Jul 2022 18:10

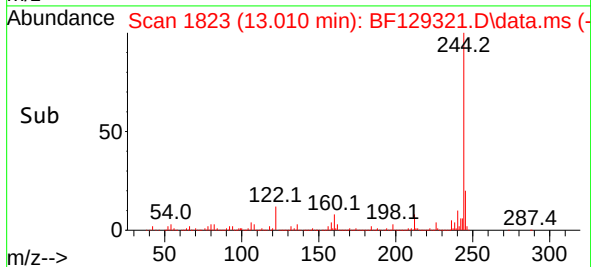
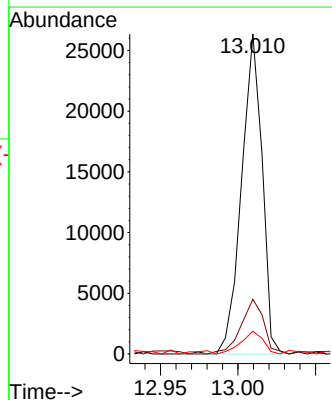
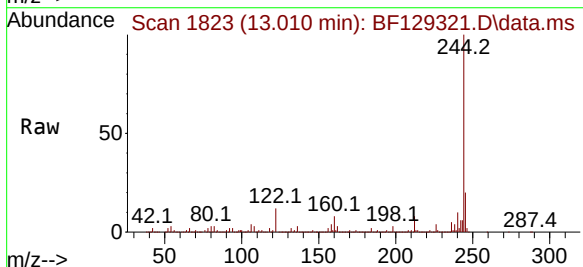
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720

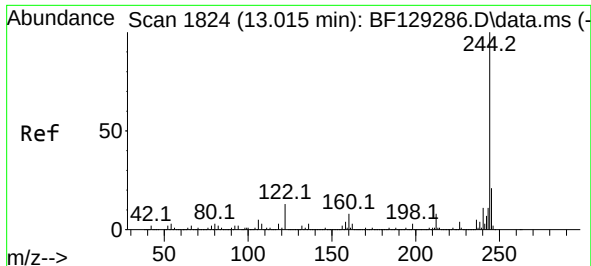
Tgt Ion:240 Resp: 258937
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.8 20.8 31.2



#77
Benzidine
Concen: 2.355 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF129321.D
Acq: 22 Jul 2022 18:10

Tgt Ion:184 Resp: 24305
Ion Ratio Lower Upper
184 100
185 17.1 11.9 17.9
183 7.1 9.3 13.9#

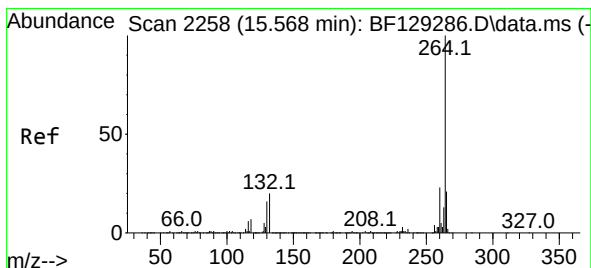
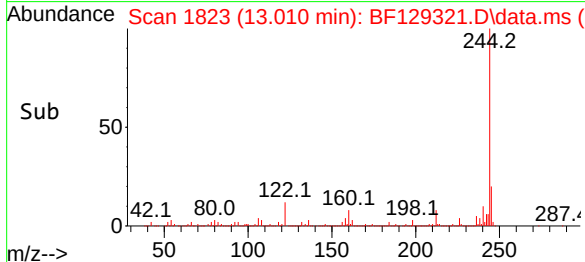
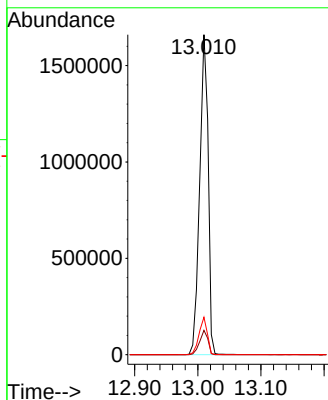
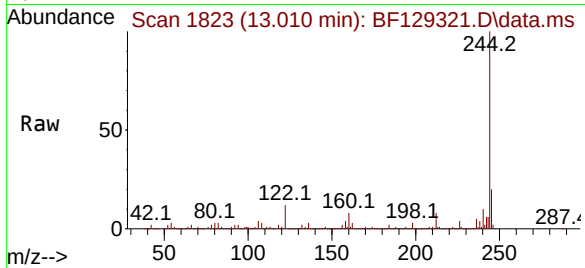




#79
Terphenyl-d14
Concen: 110.994 ng
RT: 13.010 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF129321.D
Acq: 22 Jul 2022 18:10

Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720

Tgt Ion:244 Resp: 1543165
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 11.7 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF129321.D
Acq: 22 Jul 2022 18:10

Tgt Ion:264 Resp: 237171
Ion Ratio Lower Upper
264 100
260 24.2 18.4 27.6
265 21.3 17.2 25.8

