

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
 Data File : BF129359.D
 Acq On : 26 Jul 2022 17:10
 Operator : CG\JU
 Sample : N3813-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QUEENS4A-WC-20220720

Quant Time: Jul 27 00:40:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

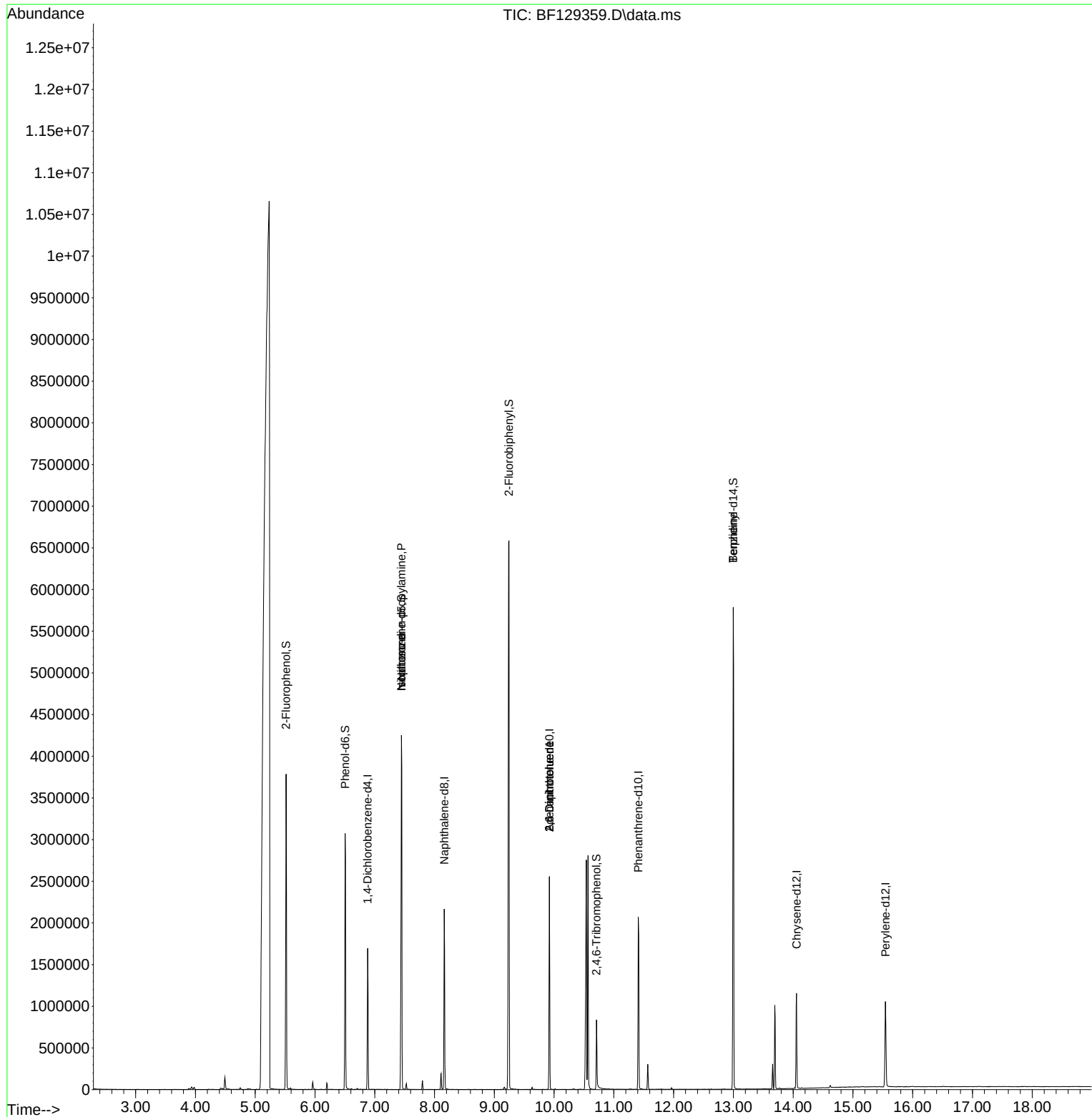
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	228841	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	912321	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	476544	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	754997	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	378075	20.000	ng	-0.01
86) Perylene-d12	15.545	264	436578	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	976124	69.485	ng	0.02
7) Phenol-d6	6.504	99	1034878	58.609	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1332930	79.756	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	99331	21.680	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	2247562	72.960	ng	0.00
79) Terphenyl-d14	12.998	244	2025270	101.060	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	177924	16.645	ng	# 74
25) Isophorone	7.445	82	1331763	44.455	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	61529	8.356	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	61529	6.397	ng	# 21
77) Benzidine	12.998	184	28536	2.136	ng	# 92

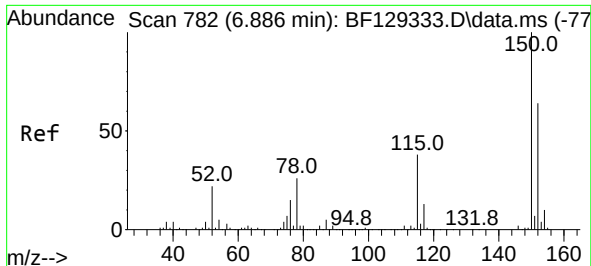
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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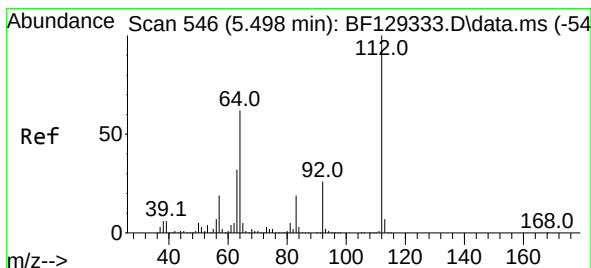
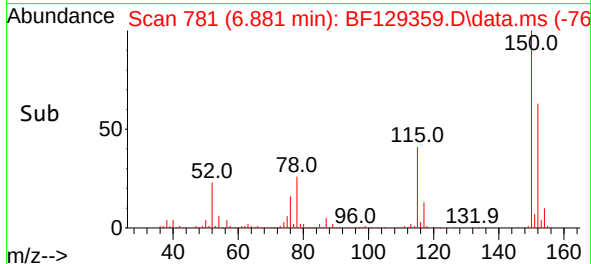
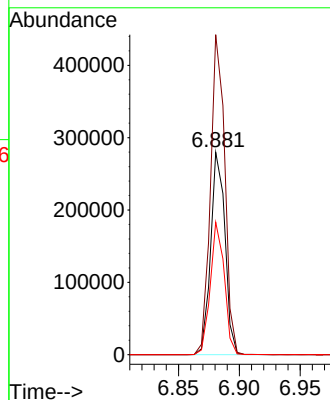
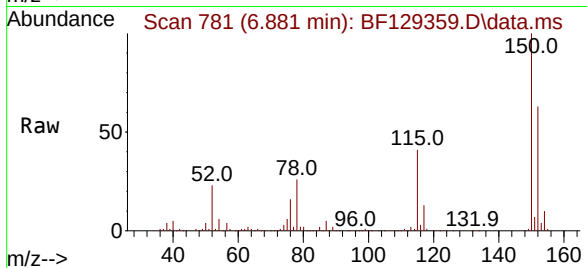




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129359.D
 Acq: 26 Jul 2022 17:10

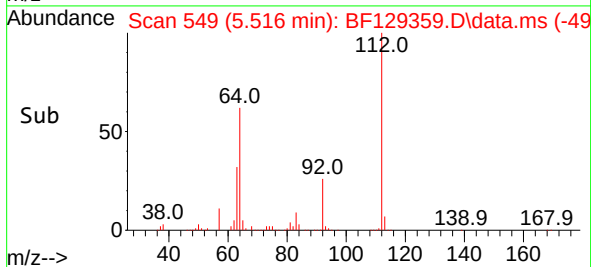
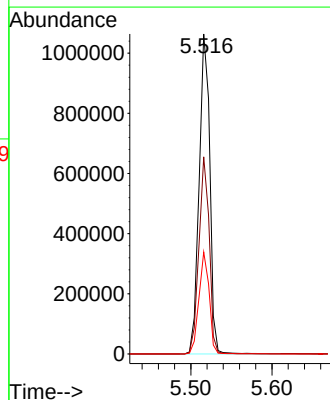
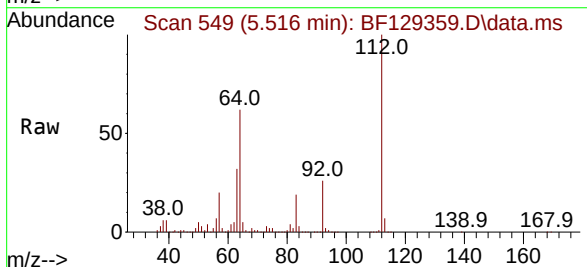
Instrument :
 BNA_F
 ClientSampleId :
 QUEENS4A-WC-20220720

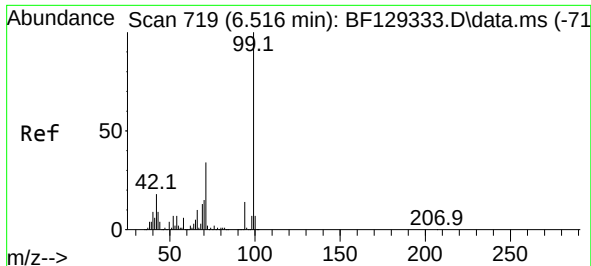
Tgt Ion:152 Resp: 228841
 Ion Ratio Lower Upper
 152 100
 150 158.1 123.7 185.5
 115 65.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 69.485 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.018 min
 Lab File: BF129359.D
 Acq: 26 Jul 2022 17:10

Tgt Ion:112 Resp: 976124
 Ion Ratio Lower Upper
 112 100
 64 61.6 53.3 79.9
 63 31.9 28.0 42.0

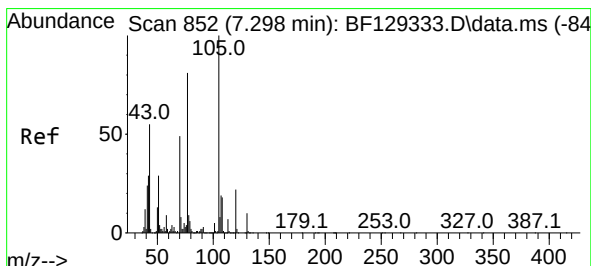
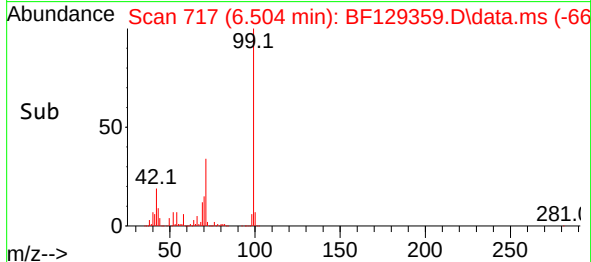
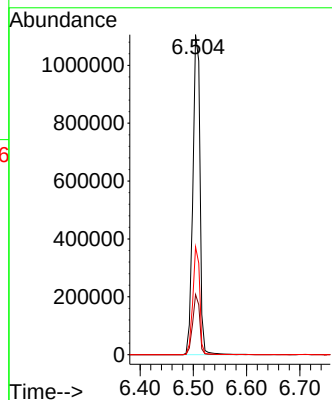
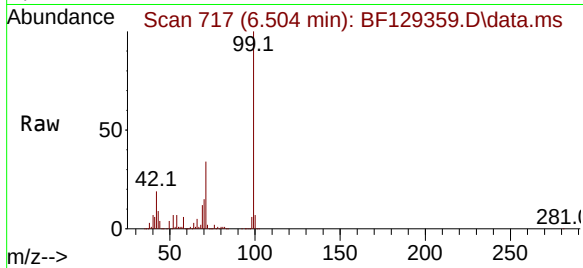




#7
Phenol-d6
Concen: 58.609 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129359.D
Acq: 26 Jul 2022 17:10

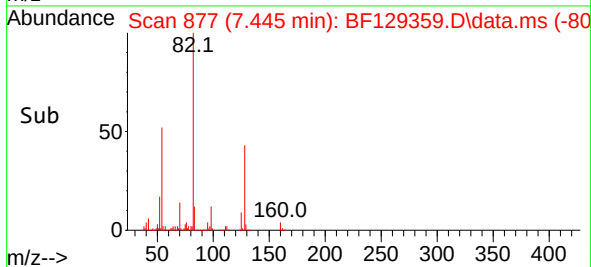
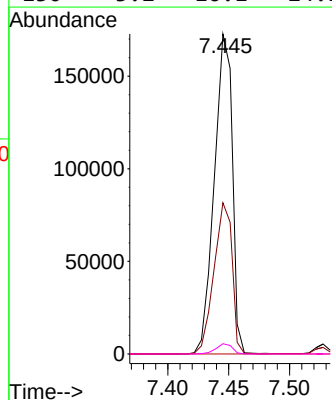
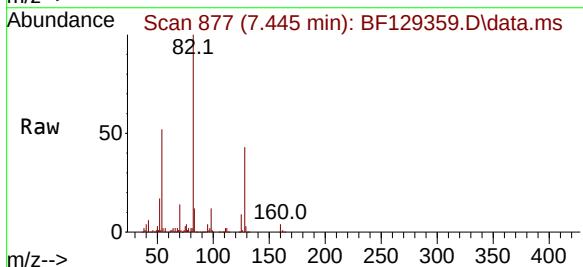
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720

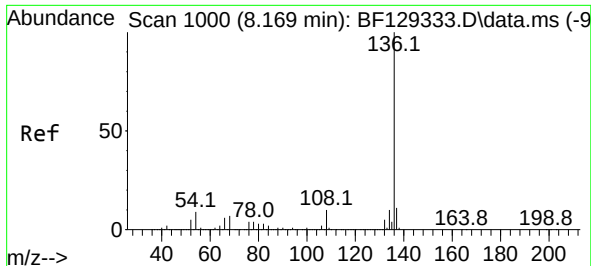
Tgt Ion: 99 Resp: 1034878
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 33.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.645 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129359.D
Acq: 26 Jul 2022 17:10

Tgt Ion: 70 Resp: 177924
Ion Ratio Lower Upper
70 100
42 47.3 52.3 78.5#
101 0.0 7.5 11.3#
130 3.2 16.1 24.1#



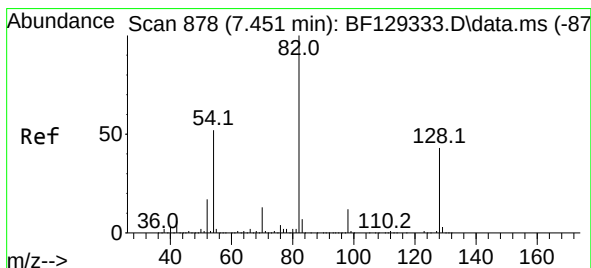
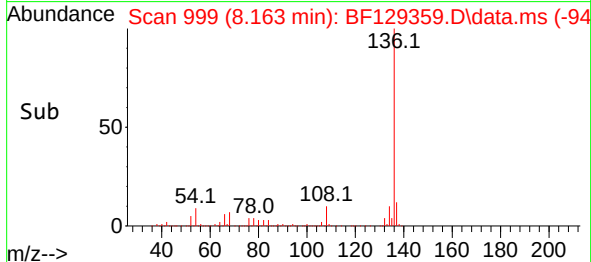
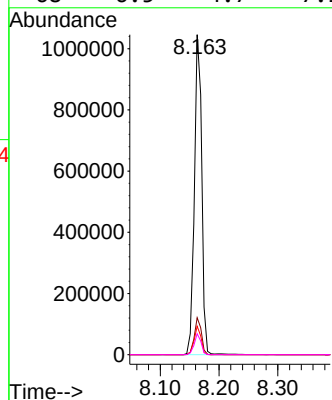
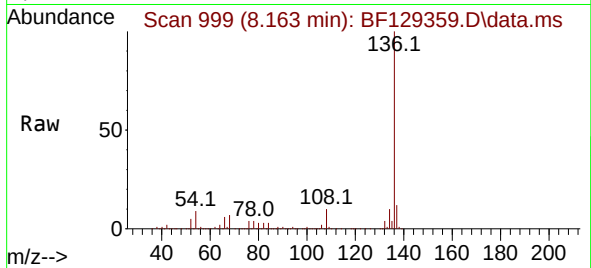


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129359.D
Acq: 26 Jul 2022 17:10

Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720

Tgt Ion:136 Resp: 912321

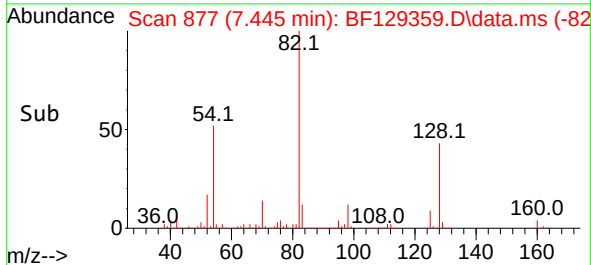
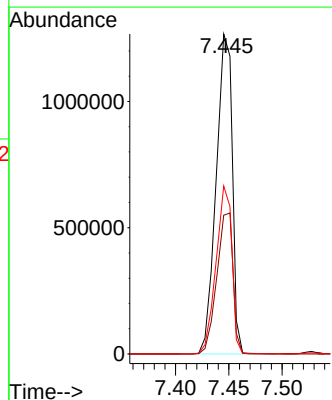
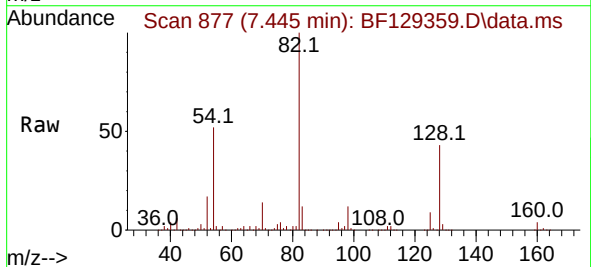
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	8.9	7.5	11.3
68	6.5	4.7	7.1

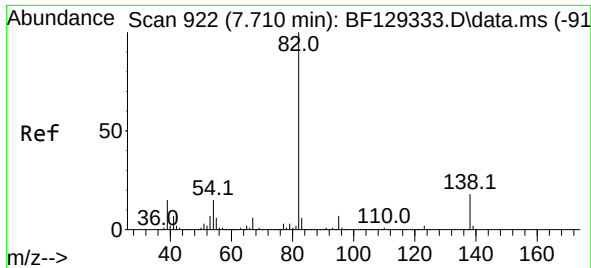


#23
Nitrobenzene-d5
Concen: 79.756 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129359.D
Acq: 26 Jul 2022 17:10

Tgt Ion: 82 Resp: 1332930

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.0	51.0
54	52.5	46.9	70.3

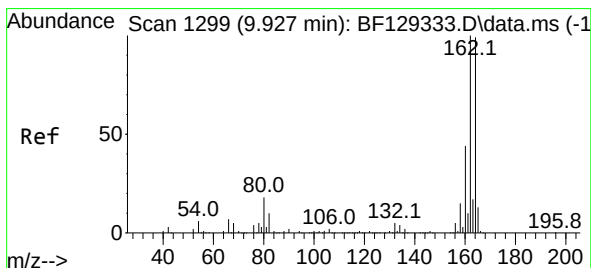
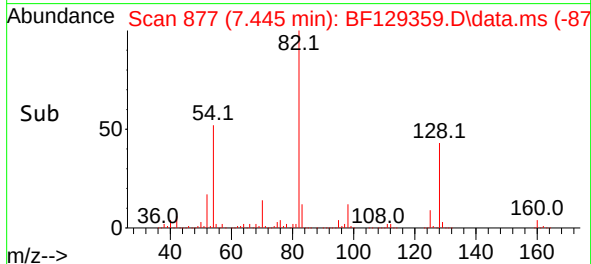
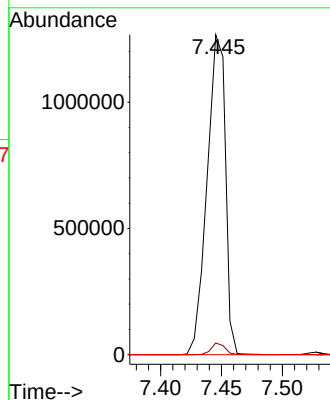
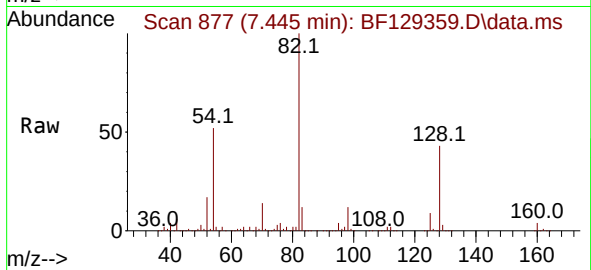




#25
Isophorone
Concen: 44.455 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129359.D
Acq: 26 Jul 2022 17:10

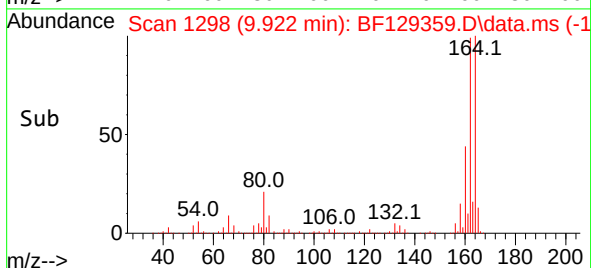
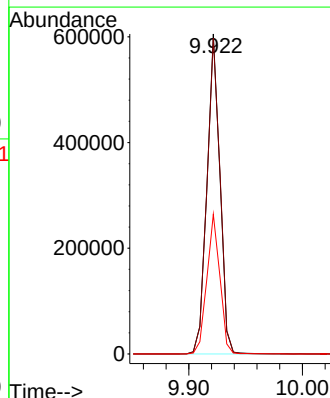
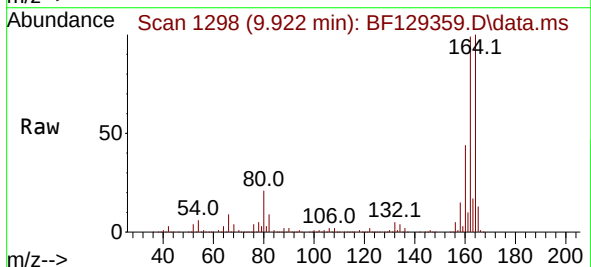
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720

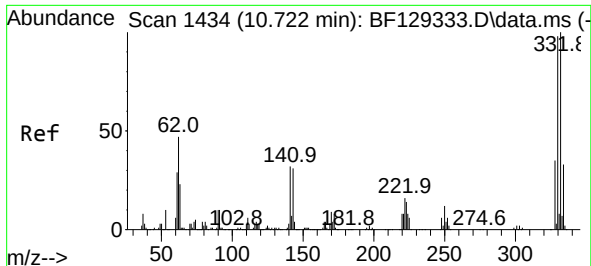
Tgt Ion: 82 Resp: 1331763
Ion Ratio Lower Upper
82 100
95 3.7 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129359.D
Acq: 26 Jul 2022 17:10

Tgt Ion:164 Resp: 476544
Ion Ratio Lower Upper
164 100
162 98.7 79.5 119.3
160 43.6 34.2 51.4

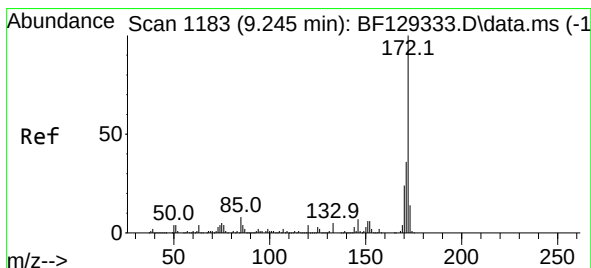
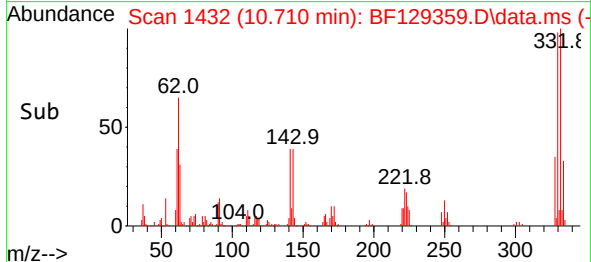
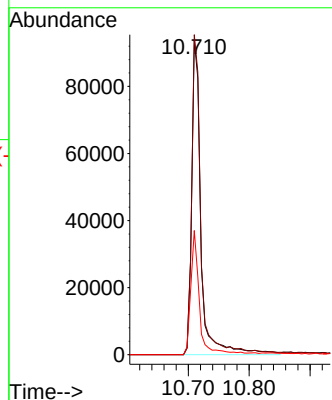
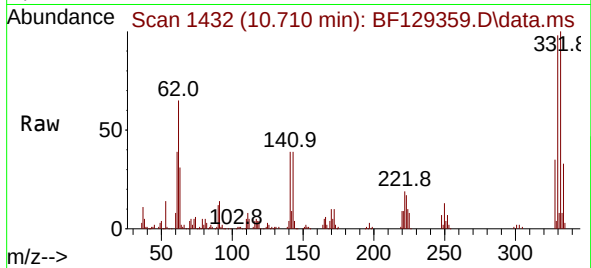




#42
2,4,6-Tribromophenol
Concen: 21.680 ng
RT: 10.710 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129359.D
Acq: 26 Jul 2022 17:10

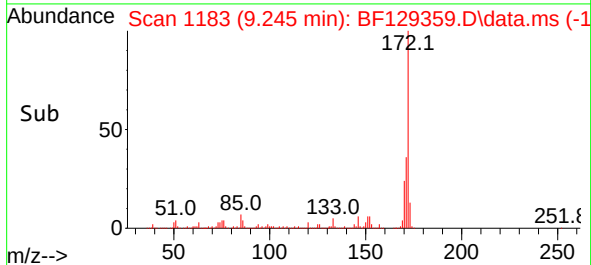
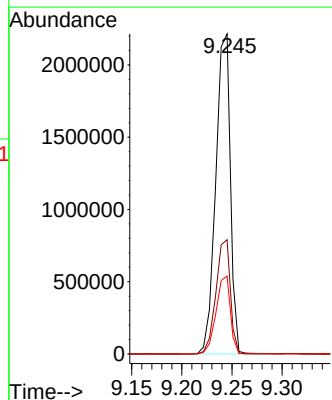
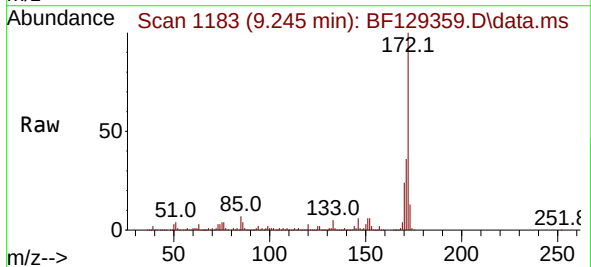
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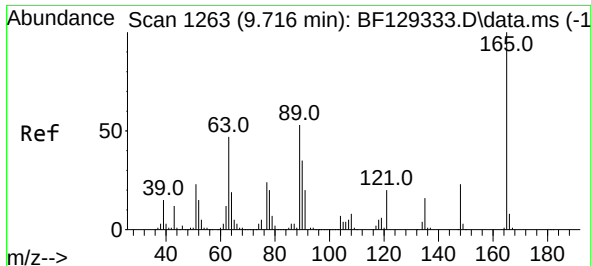
Tgt Ion:330 Resp: 99331
Ion Ratio Lower Upper
330 100
332 101.8 76.8 115.2
141 36.5 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 72.960 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF129359.D
Acq: 26 Jul 2022 17:10

Tgt Ion:172 Resp: 2247562
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.3 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.356 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129359.D

Acq: 26 Jul 2022 17:10

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720

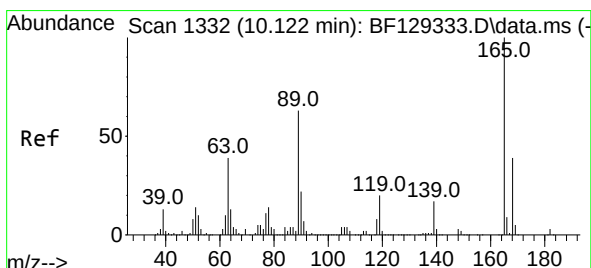
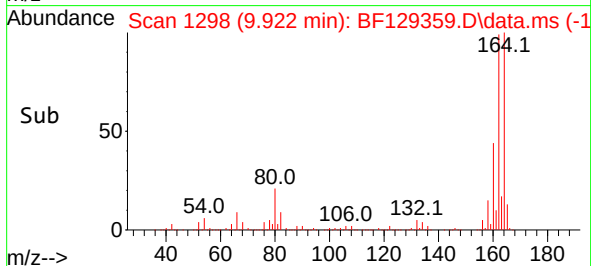
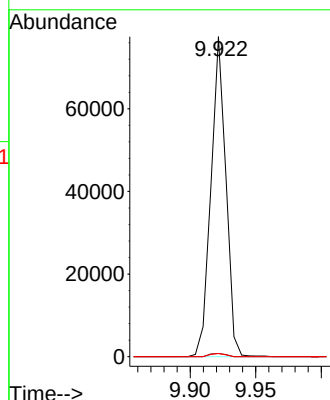
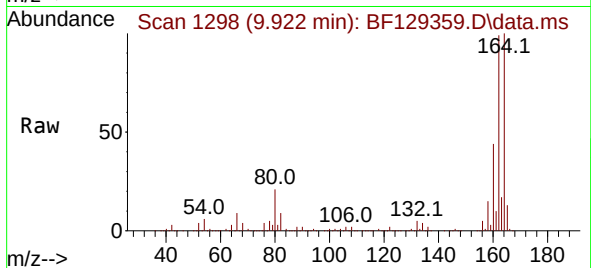
Tgt Ion:165 Resp: 61529

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.0 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.397 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129359.D

Acq: 26 Jul 2022 17:10

Tgt Ion:165 Resp: 61529

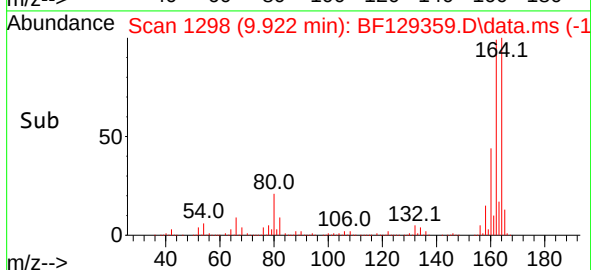
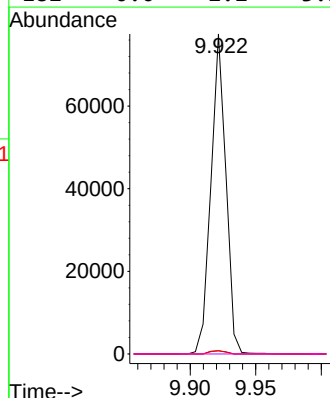
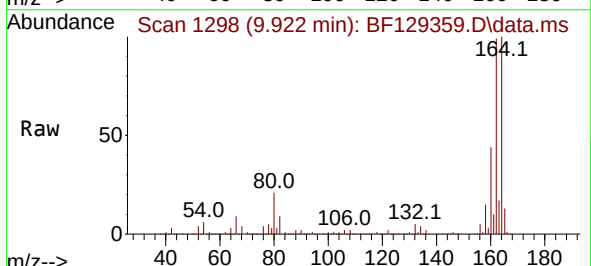
Ion Ratio Lower Upper

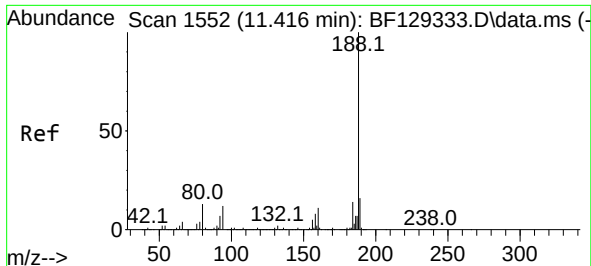
165 100

63 1.0 39.8 59.6#

89 1.0 60.2 90.2#

182 0.0 2.2 3.2#

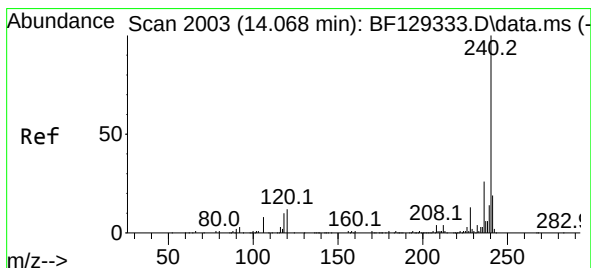
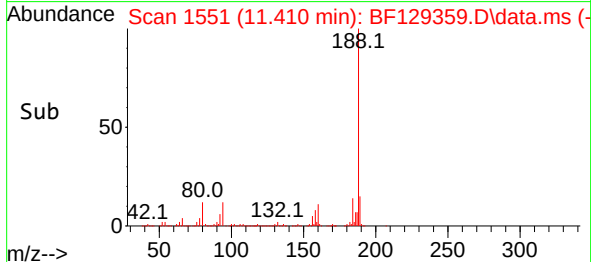
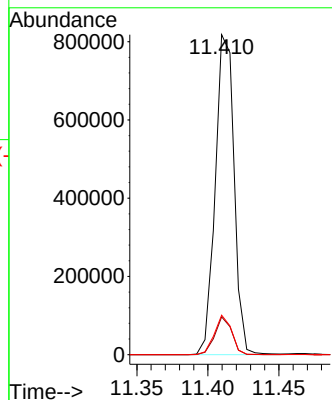
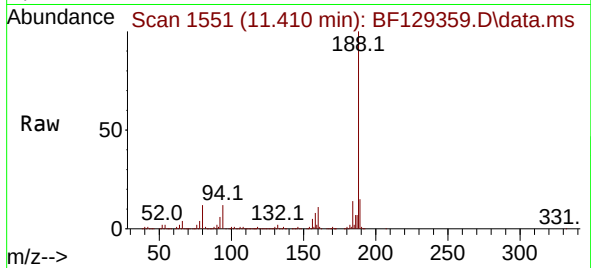




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129359.D
Acq: 26 Jul 2022 17:10

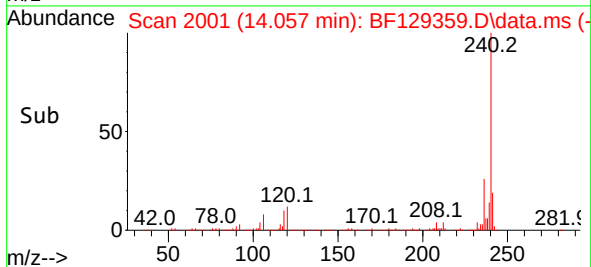
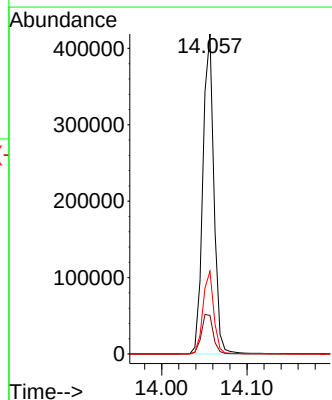
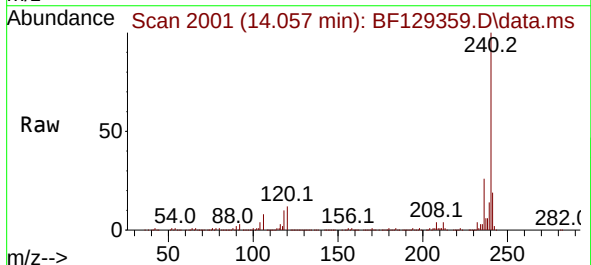
Instrument :
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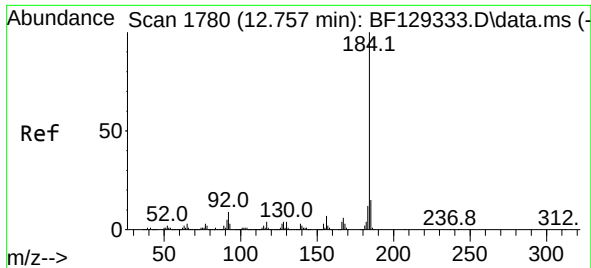
Tgt Ion:188 Resp: 754997
Ion Ratio Lower Upper
188 100
94 11.8 7.0 10.6#
80 12.4 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF129359.D
Acq: 26 Jul 2022 17:10

Tgt Ion:240 Resp: 378075
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 25.9 20.8 31.2

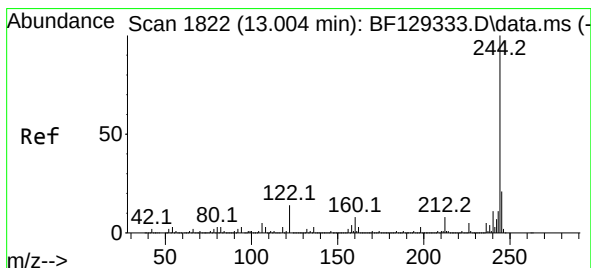
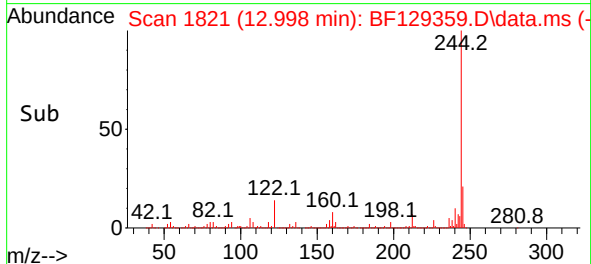
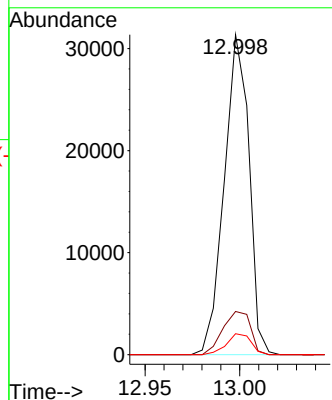
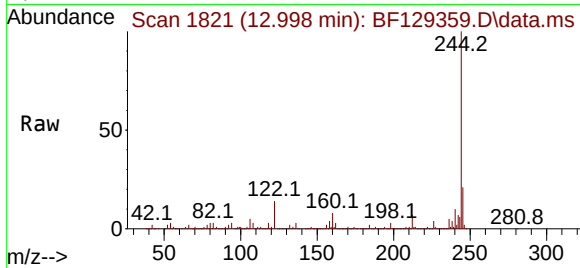




#77
Benzidine
Concen: 2.136 ng
RT: 12.998 min Scan# 1821
Delta R.T. 0.241 min
Lab File: BF129359.D
Acq: 26 Jul 2022 17:10

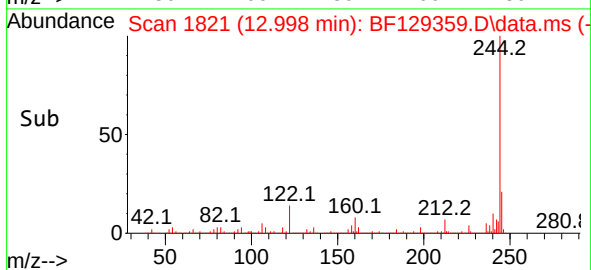
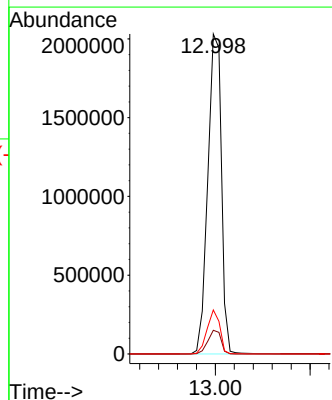
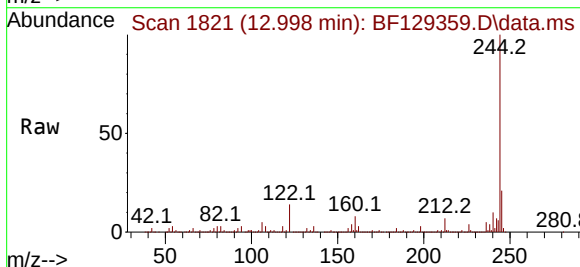
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720

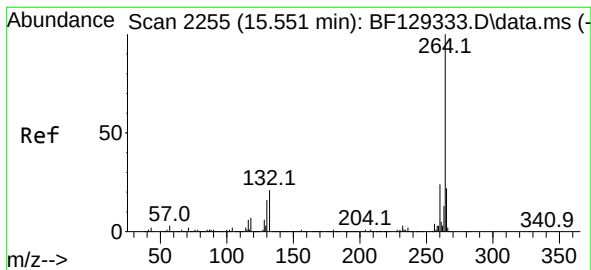
Tgt Ion:184 Resp: 28536
Ion Ratio Lower Upper
184 100
185 13.5 11.9 17.9
183 6.5 9.3 13.9#



#79
Terphenyl-d14
Concen: 101.060 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF129359.D
Acq: 26 Jul 2022 17:10

Tgt Ion:244 Resp: 2025270
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 13.7 8.8 13.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129359.D

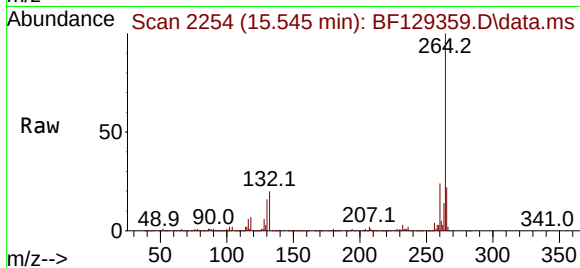
Acq: 26 Jul 2022 17:10

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720



Tgt Ion:264 Resp: 436578

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.9 17.2 25.8

