

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF132994.D
 Acq On : 24 Apr 2023 14:35
 Operator : CG\JU
 Sample : 02468-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUMP-PUMP-GW-SAMPLE

Quant Time: Apr 24 16:59:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

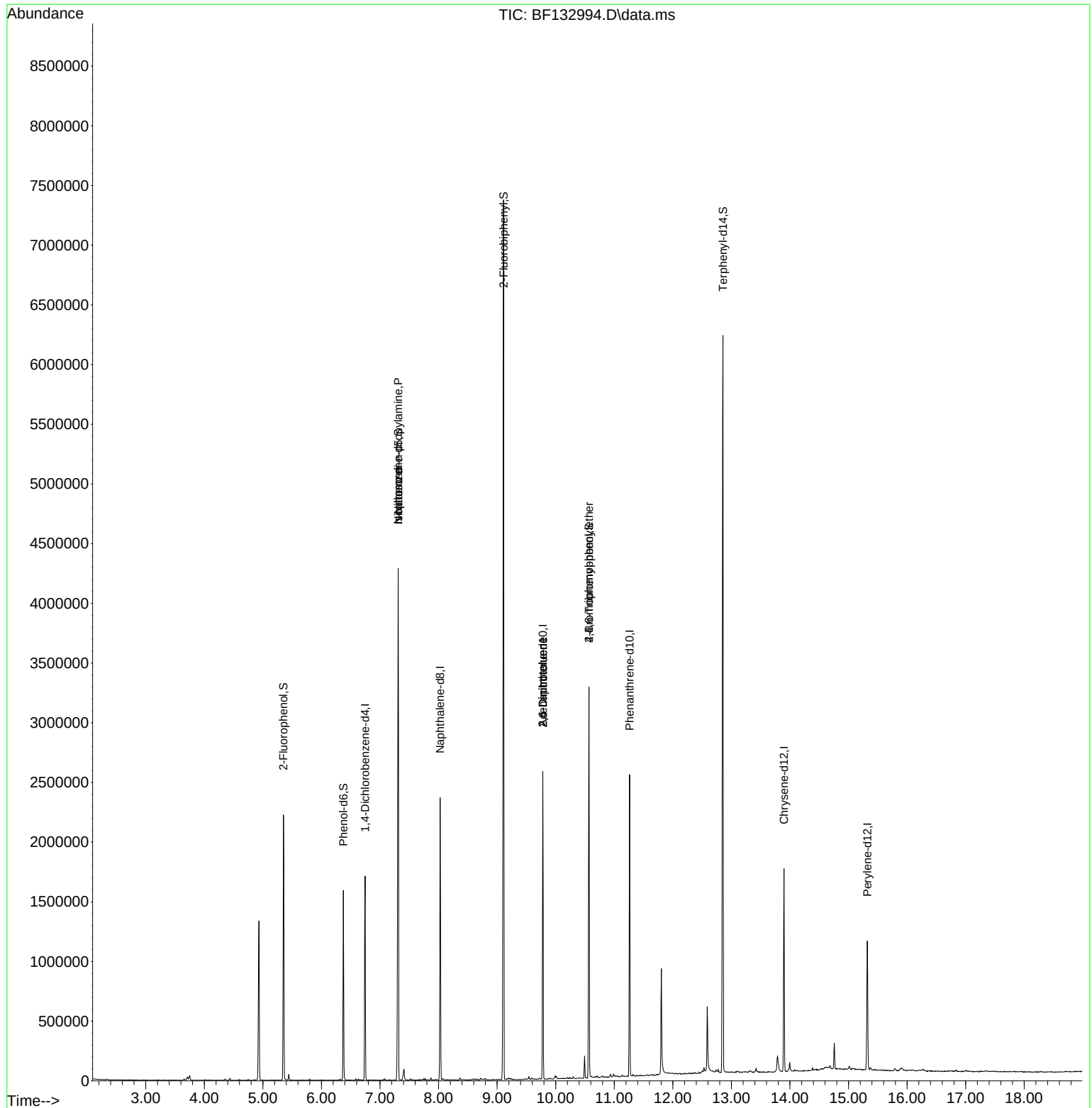
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	225205	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	923460	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	473921	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	800575	20.000	ng	0.00
76) Chrysene-d12	13.898	240	504497	20.000	ng	-0.01
86) Perylene-d12	15.321	264	436010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	589634	39.551	ng	0.00
7) Phenol-d6	6.375	99	439887	23.772	ng	-0.01
23) Nitrobenzene-d5	7.310	82	1444082	84.408	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	368814	77.381	ng	-0.01
45) 2-Fluorobiphenyl	9.110	172	2259302	79.756	ng	0.00
79) Terphenyl-d14	12.857	244	2339406	79.975	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.287	77	406	Below Cal	#	72
19) n-Nitroso-di-n-propyla...	7.310	70	192173	16.682	ng	# 78
25) Isophorone	7.310	82	1443567	44.441	ng	# 63
51) 2,6-Dinitrotoluene	9.780	165	62907	8.458	ng	# 25
57) 2,4-Dinitrotoluene	9.780	165	62907	6.632	ng	# 23
67) 4-Bromophenyl-phenylether	10.569	248	22712	2.616	ng	# 1

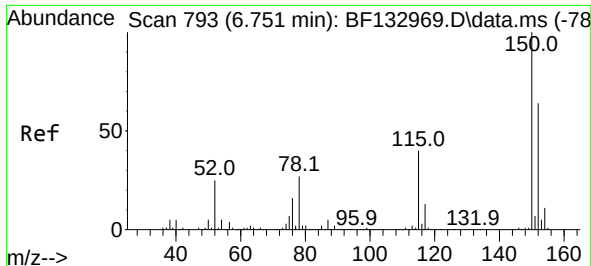
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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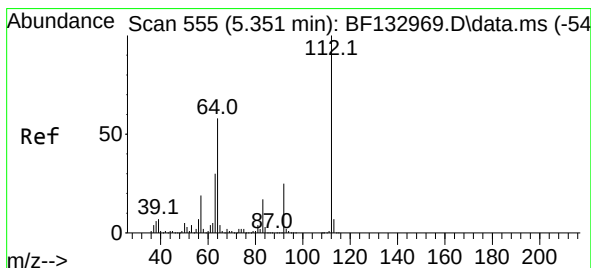
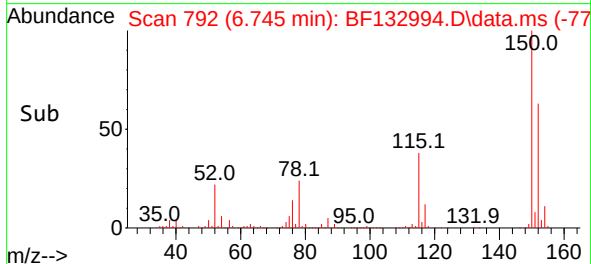
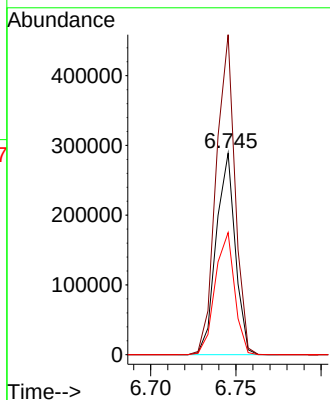
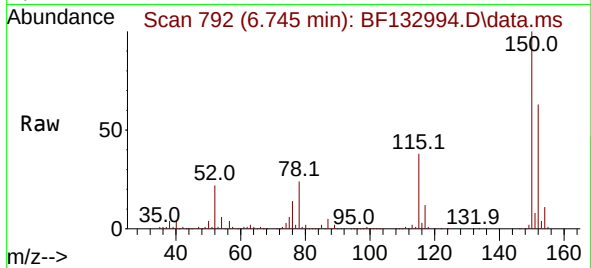




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF132994.D
Acq: 24 Apr 2023 14:35

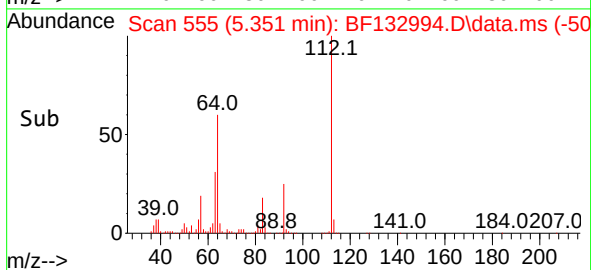
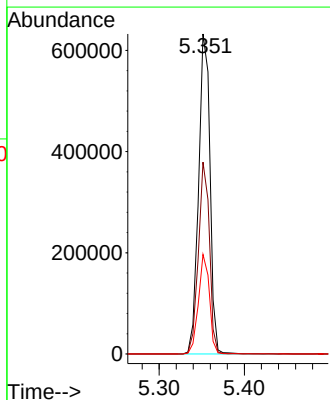
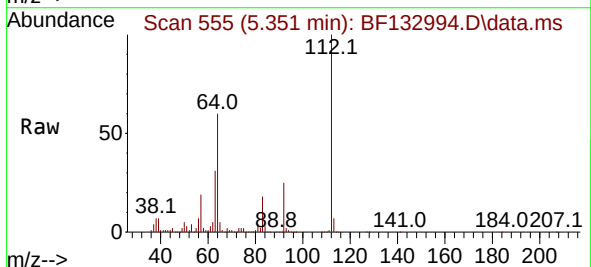
Instrument :
BNA_F
ClientSampleId :
SUMP-PUMP-GW-SAMPLE

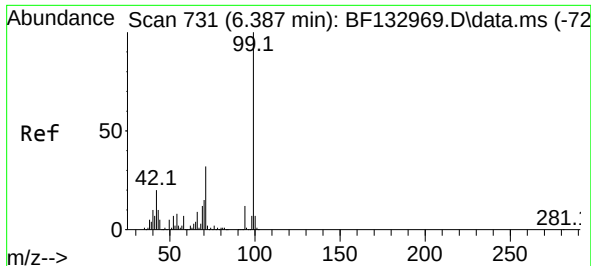
Tgt Ion:152 Resp: 225205
Ion Ratio Lower Upper
152 100
150 158.9 124.8 187.2
115 60.6 49.9 74.9



#5
2-Fluorophenol
Concen: 39.551 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF132994.D
Acq: 24 Apr 2023 14:35

Tgt Ion:112 Resp: 589634
Ion Ratio Lower Upper
112 100
64 60.0 46.8 70.2
63 31.1 23.8 35.8

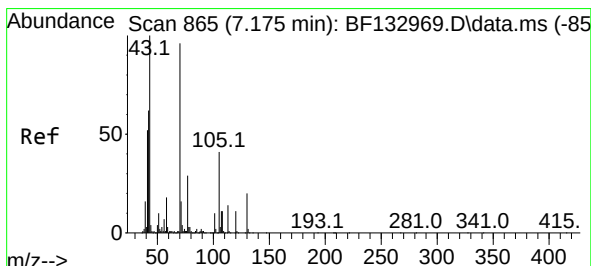
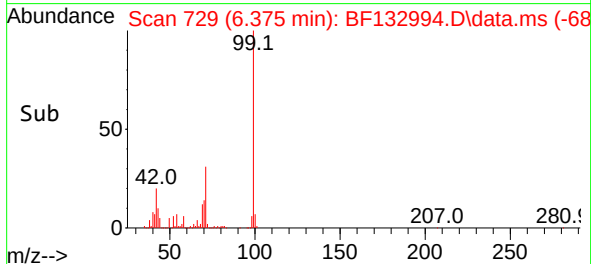
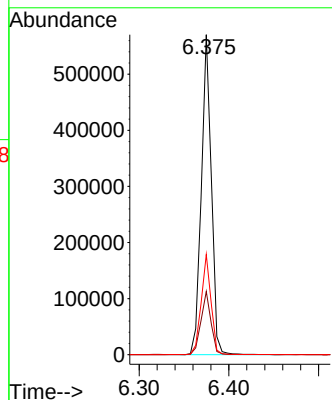
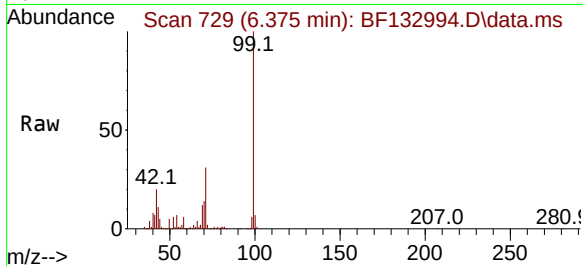




#7
Phenol-d6
Concen: 23.772 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132994.D
Acq: 24 Apr 2023 14:35

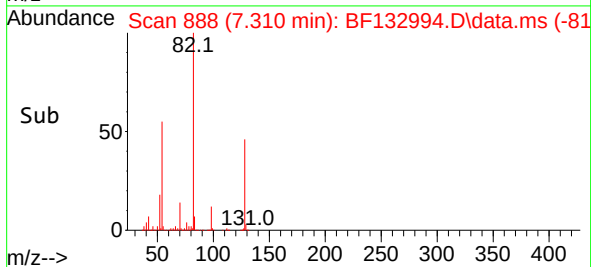
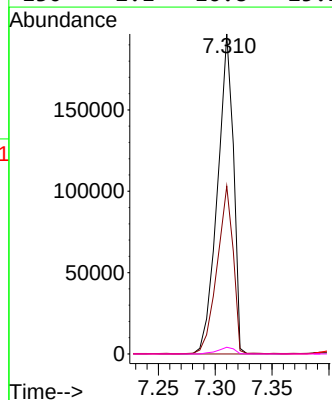
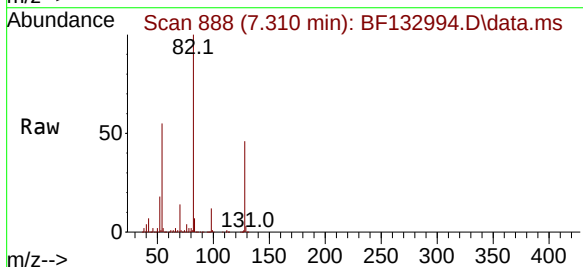
Instrument :
BNA_F
ClientSampleId :
SUMP-PUMP-GW-SAMPLE

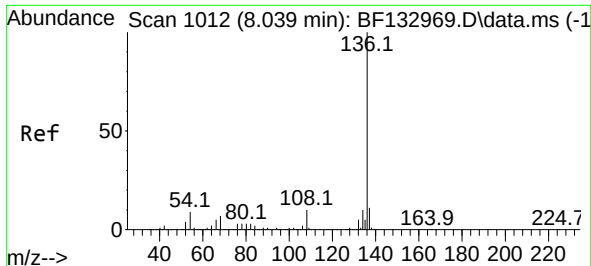
Tgt Ion: 99 Resp: 439887
Ion Ratio Lower Upper
99 100
42 19.7 16.3 24.5
71 31.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.682 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.135 min
Lab File: BF132994.D
Acq: 24 Apr 2023 14:35

Tgt Ion: 70 Resp: 192173
Ion Ratio Lower Upper
70 100
42 52.5 51.8 77.6
101 0.0 8.0 12.0#
130 2.1 16.8 25.2#

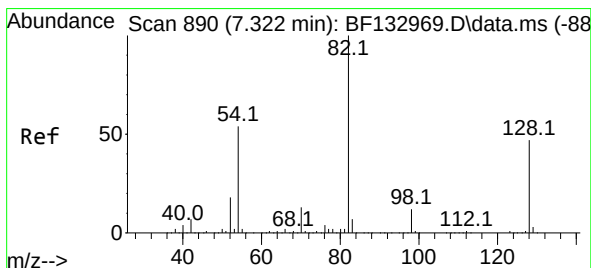
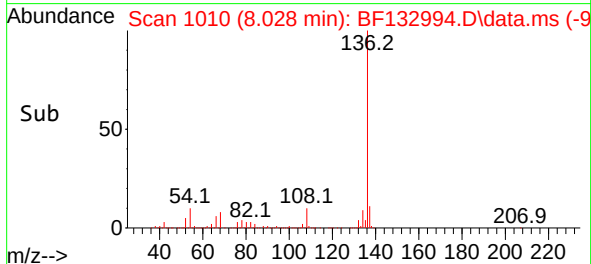
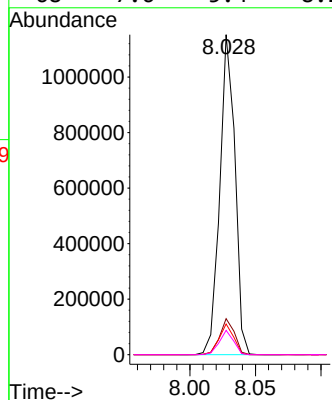
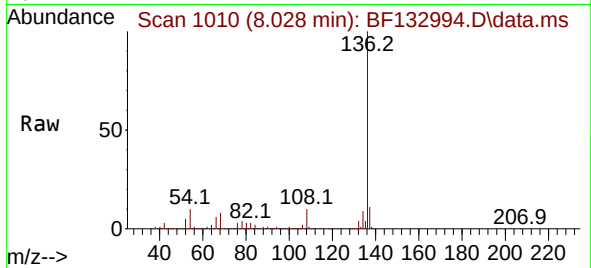




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF132994.D
Acq: 24 Apr 2023 14:35

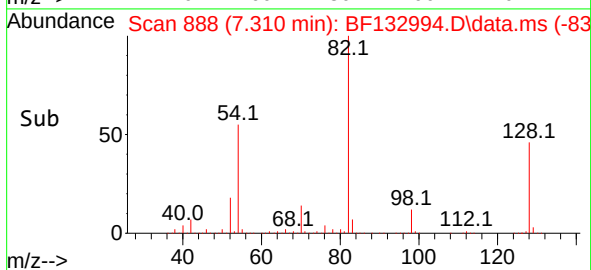
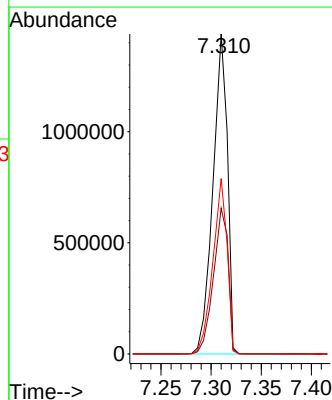
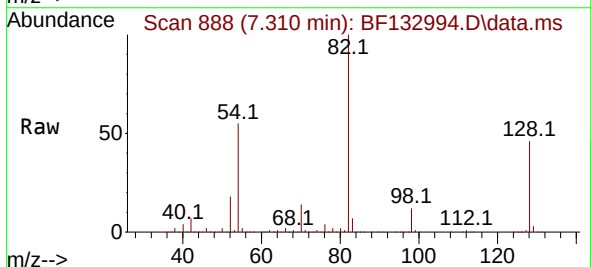
Instrument :
BNA_F
ClientSampleId :
SUMP-PUMP-GW-SAMPLE

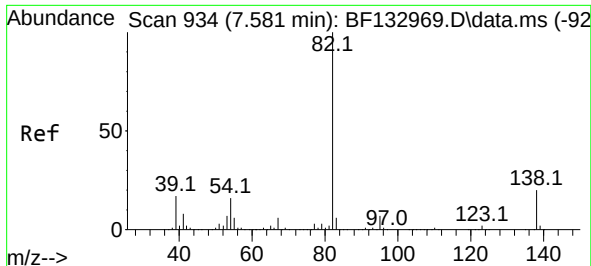
Tgt Ion:136 Resp: 923460
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.6 7.0 10.4
68 7.6 5.4 8.2



#23
Nitrobenzene-d5
Concen: 84.408 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF132994.D
Acq: 24 Apr 2023 14:35

Tgt Ion: 82 Resp: 1444082
Ion Ratio Lower Upper
82 100
128 45.5 37.7 56.5
54 54.8 43.0 64.4

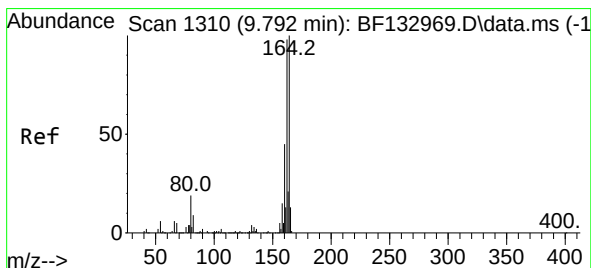
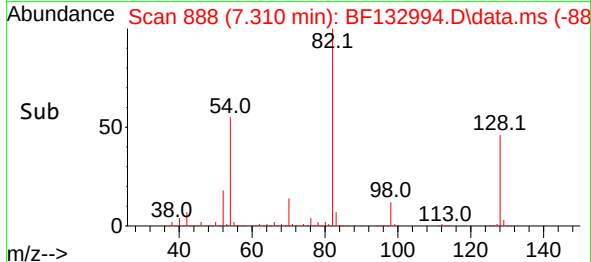
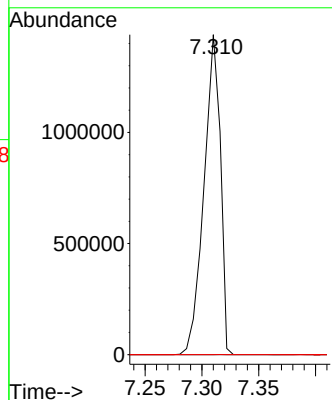
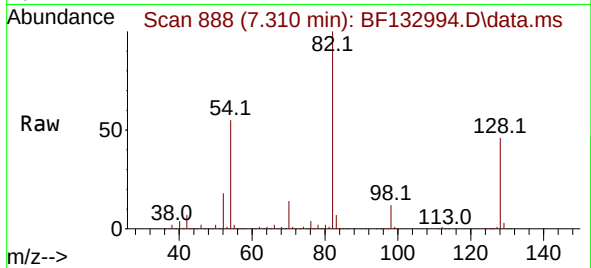




#25
Isophorone
Concen: 44.441 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF132994.D
Acq: 24 Apr 2023 14:35

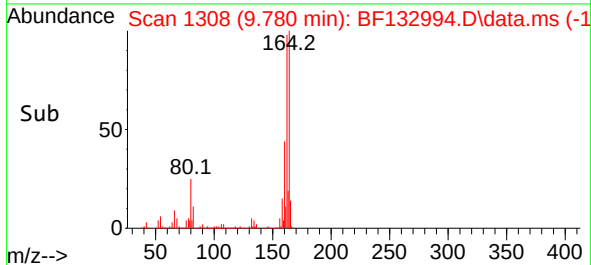
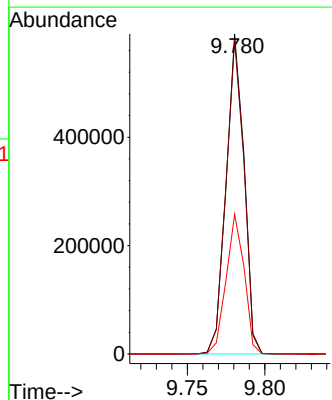
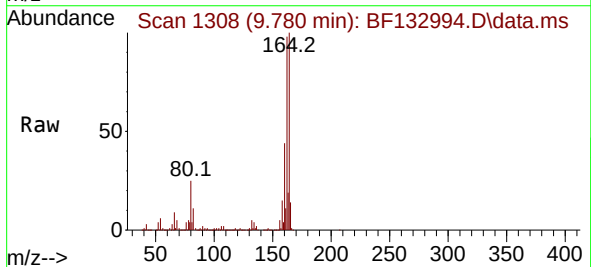
Instrument :
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ClientSampleId :
SUMP-PUMP-GW-SAMPLE

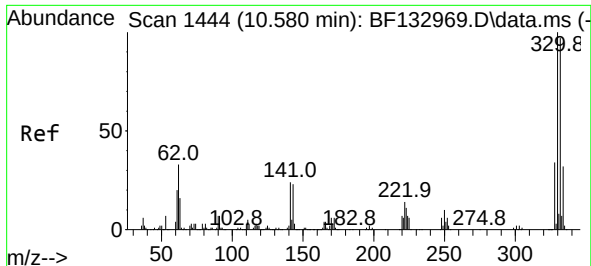
Tgt Ion: 82 Resp: 1443567
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF132994.D
Acq: 24 Apr 2023 14:35

Tgt Ion:164 Resp: 473921
Ion Ratio Lower Upper
164 100
162 98.1 78.7 118.1
160 43.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 77.381 ng

RT: 10.569 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF132994.D

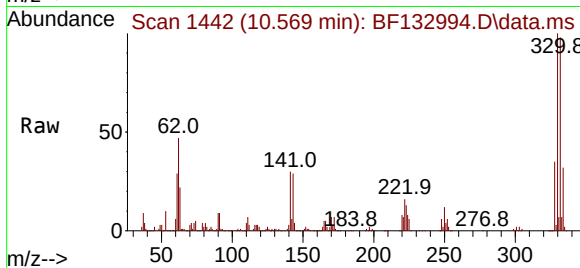
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Instrument :

BNA_F

ClientSampleId :

SUMP-PUMP-GW-SAMPLE



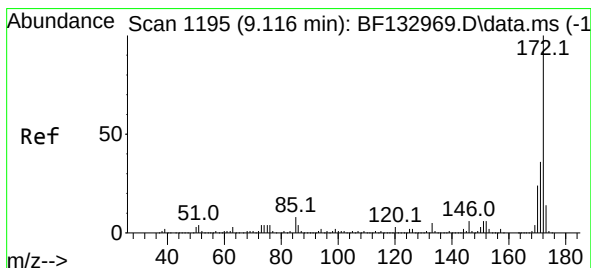
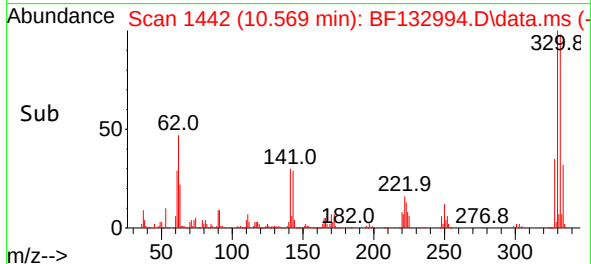
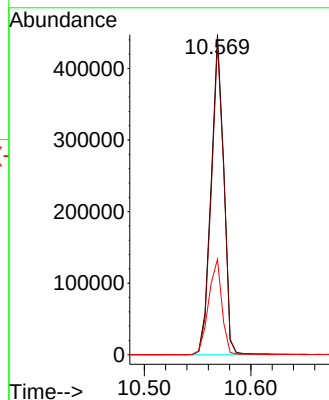
Tgt Ion:330 Resp: 368814

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 31.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 79.756 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF132994.D

Acq: 24 Apr 2023 14:35

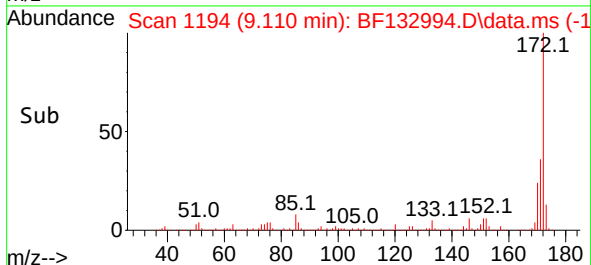
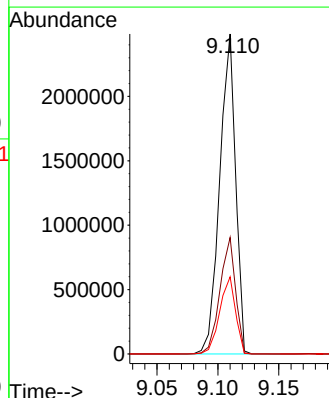
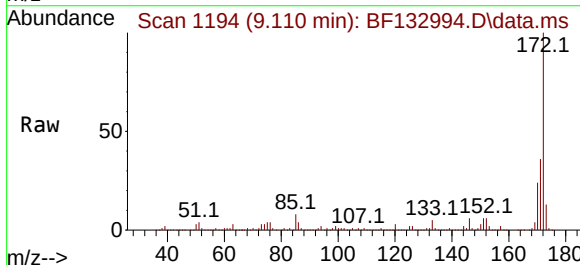
Tgt Ion:172 Resp: 2259302

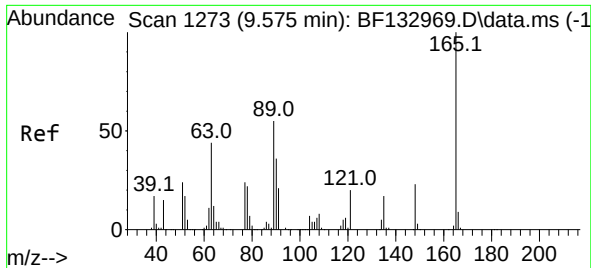
Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.1 19.4 29.2

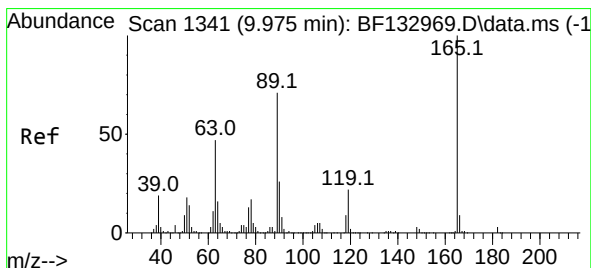
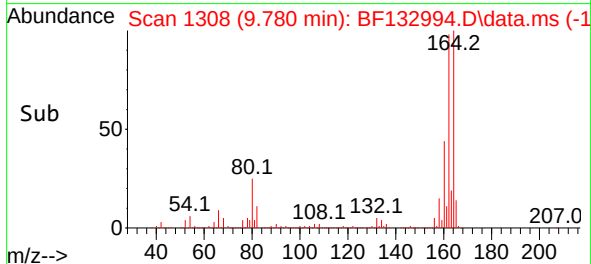
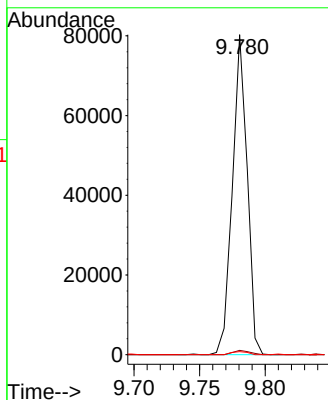
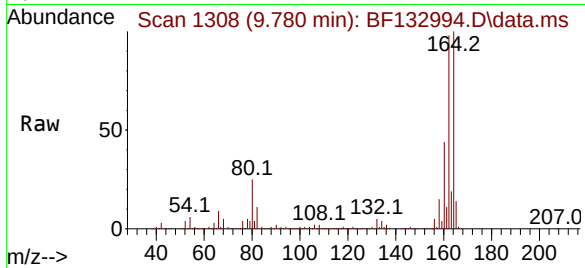




#51
2,6-Dinitrotoluene
Concen: 8.458 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF132994.D
Acq: 24 Apr 2023 14:35

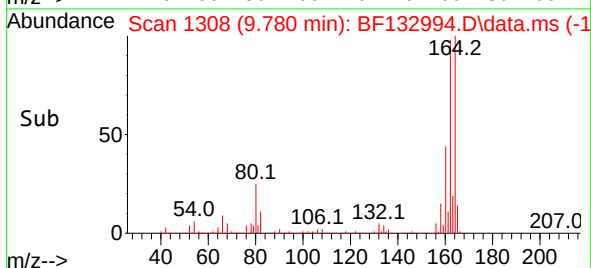
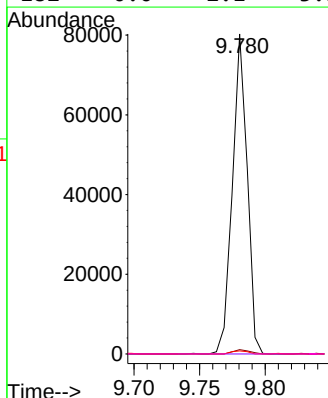
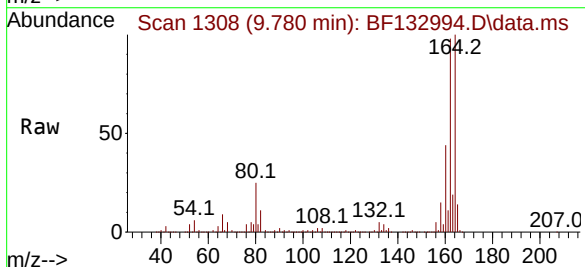
Instrument :
BNA_F
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SUMP-PUMP-GW-SAMPLE

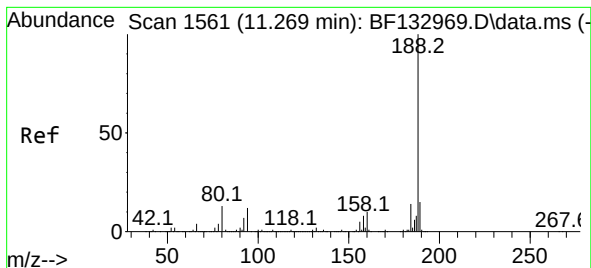
Tgt Ion:165 Resp: 62907
Ion Ratio Lower Upper
165 100
63 1.3 45.9 68.9#
89 1.0 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.632 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF132994.D
Acq: 24 Apr 2023 14:35

Tgt Ion:165 Resp: 62907
Ion Ratio Lower Upper
165 100
63 1.3 37.7 56.5#
89 1.0 57.0 85.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132994.D

Acq: 24 Apr 2023 14:35

Instrument :

BNA_F

ClientSampleId :

SUMP-PUMP-GW-SAMPLE

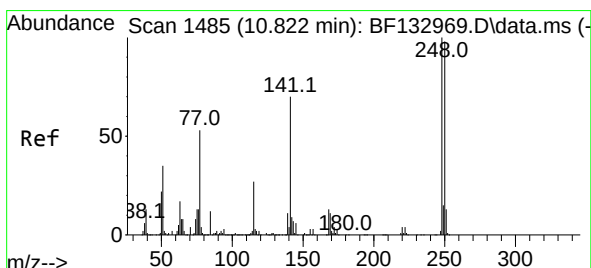
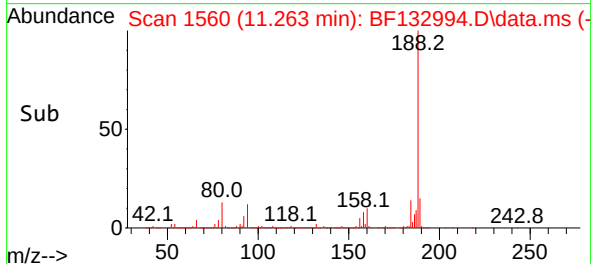
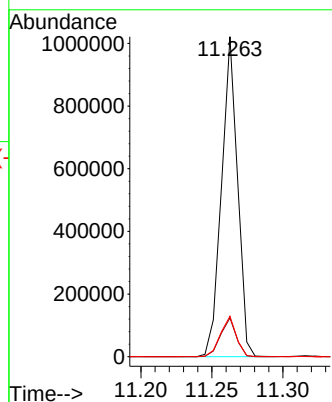
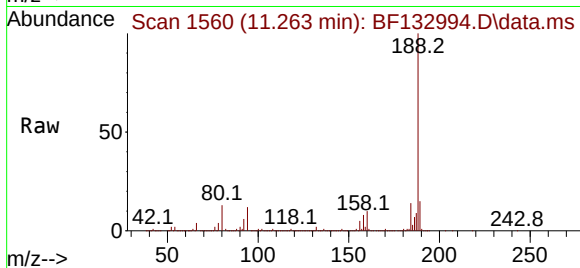
Tgt Ion:188 Resp: 800575

Ion Ratio Lower Upper

188 100

94 12.1 9.7 14.5

80 12.6 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 2.616 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.253 min

Lab File: BF132994.D

Acq: 24 Apr 2023 14:35

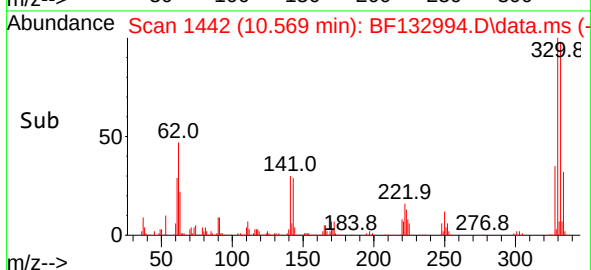
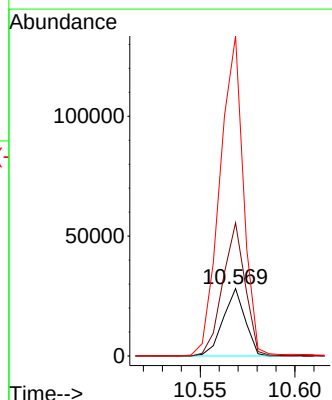
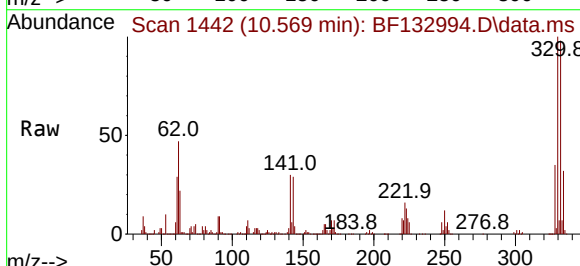
Tgt Ion:248 Resp: 22712

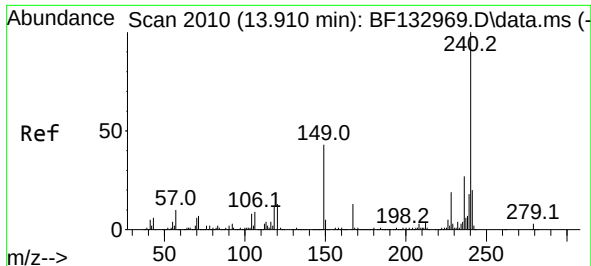
Ion Ratio Lower Upper

248 100

250 197.6 78.7 118.1#

141 474.9 56.3 84.5#

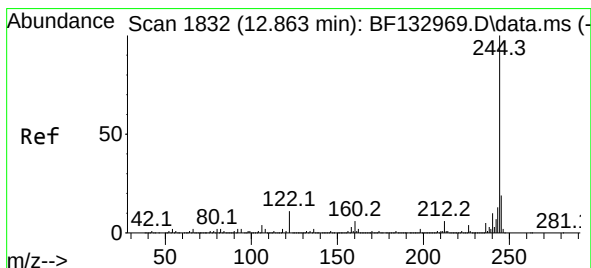
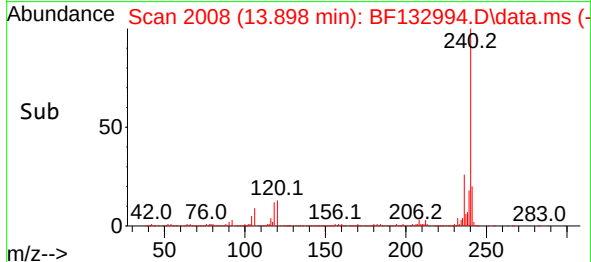
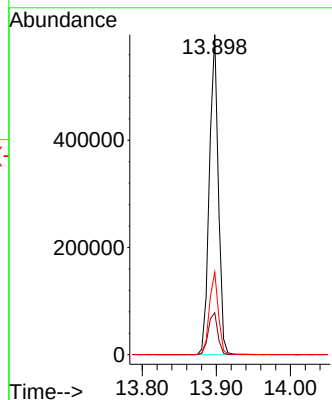
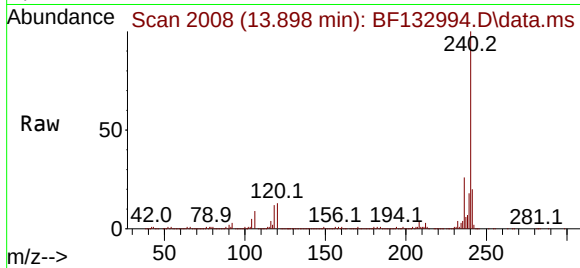




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF132994.D
Acq: 24 Apr 2023 14:35

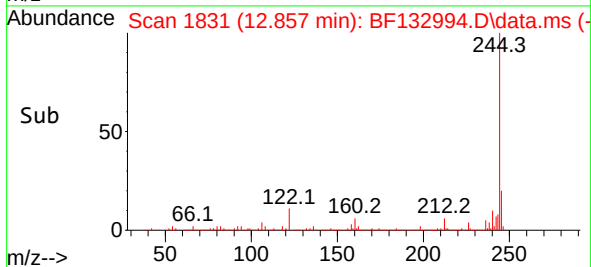
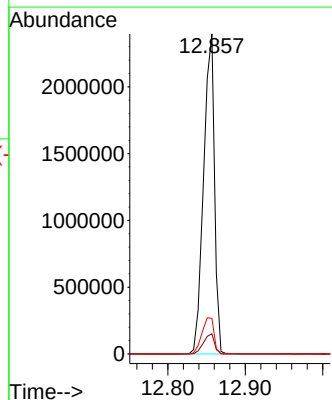
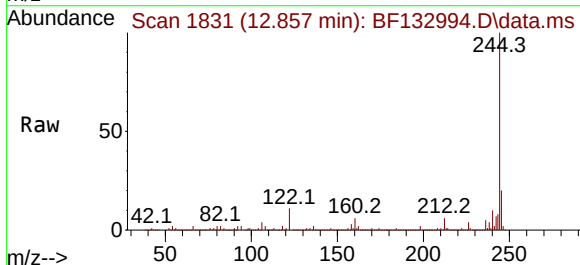
Instrument :
BNA_F
ClientSampleId :
SUMP-PUMP-GW-SAMPLE

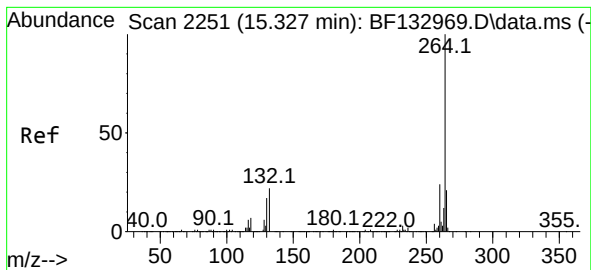
Tgt Ion:240 Resp: 504497
Ion Ratio Lower Upper
240 100
120 13.1 10.5 15.7
236 25.8 21.5 32.3



#79
Terphenyl-d14
Concen: 79.975 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF132994.D
Acq: 24 Apr 2023 14:35

Tgt Ion:244 Resp: 2339406
Ion Ratio Lower Upper
244 100
212 6.3 5.1 7.7
122 11.2 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.321 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132994.D

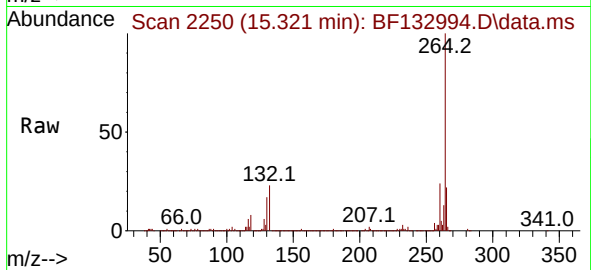
Acq: 24 Apr 2023 14:35

Instrument :

BNA_F

ClientSampleId :

SUMP-PUMP-GW-SAMPLE



Tgt Ion:264 Resp: 436010

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.6 17.0 25.4

