

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF133002.D
 Acq On : 24 Apr 2023 18:50
 Operator : CG\JU
 Sample : 02468-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Apr 25 02:10:29 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)

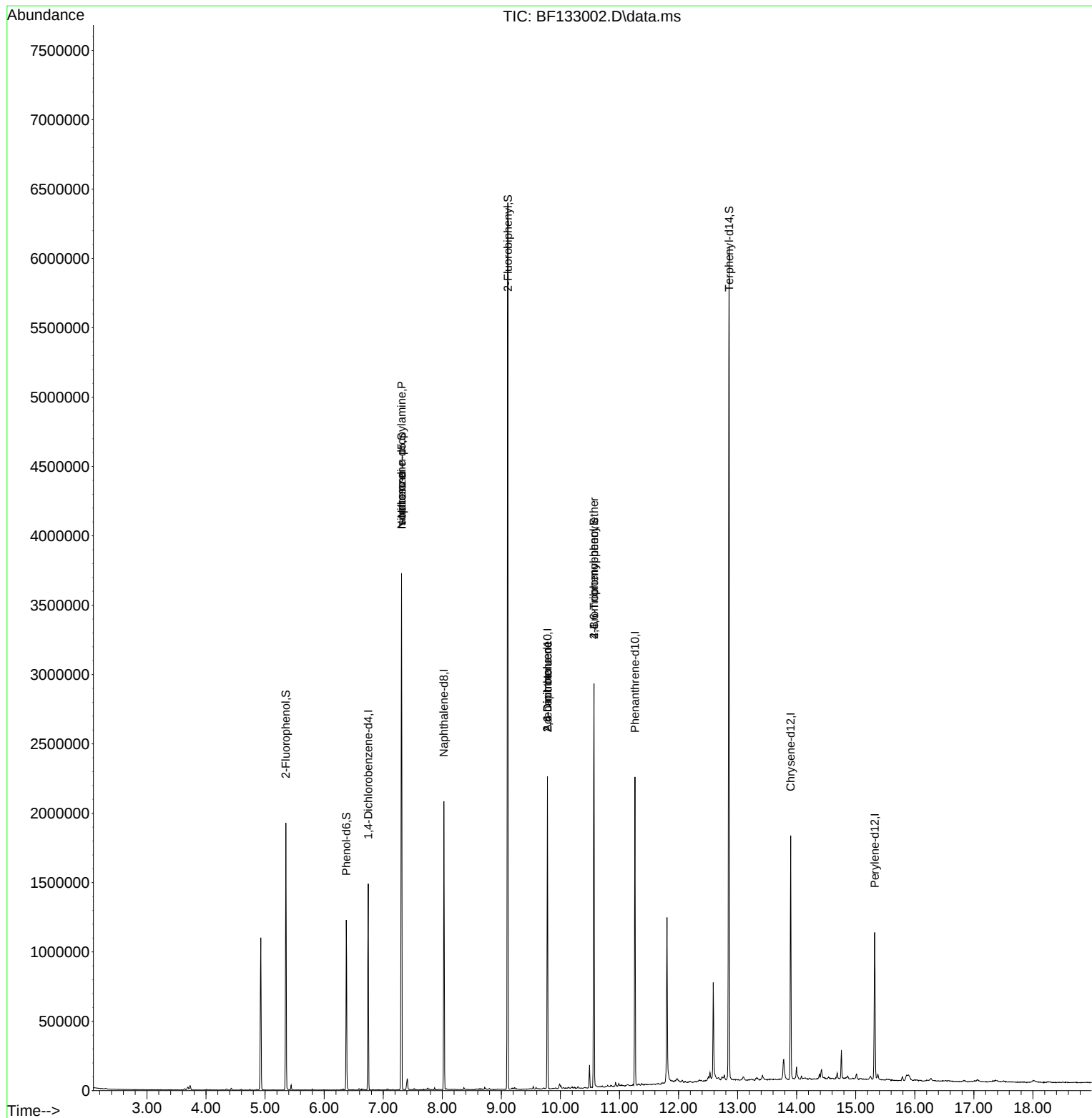
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	188565	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	756072	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	394031	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	711864	20.000	ng	0.00
76) Chrysene-d12	13.898	240	523017	20.000	ng	-0.01
86) Perylene-d12	15.321	264	427603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	481229	38.552	ng	0.00
7) Phenol-d6	6.375	99	356069	22.982	ng	-0.01
23) Nitrobenzene-d5	7.310	82	1173995	83.813	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	338740	85.481	ng	-0.01
45) 2-Fluorobiphenyl	9.110	172	1893994	80.416	ng	0.00
79) Terphenyl-d14	12.857	244	2295747	75.703	ng	0.00
Target Compounds						
9) Benzaldehyde	6.287	77	398	Below Cal		Qvalue 93
19) n-Nitroso-di-n-propyla...	7.310	70	155418	16.113	ng	# 78
25) Isophorone	7.310	82	1173135	44.111	ng	# 63
51) 2,6-Dinitrotoluene	9.781	165	50698	8.198	ng	# 25
57) 2,4-Dinitrotoluene	9.781	165	50698	6.429	ng	# 23
67) 4-Bromophenyl-phenylether	10.569	248	20958	2.715	ng	# 1

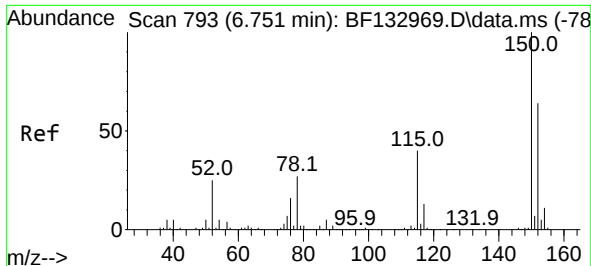
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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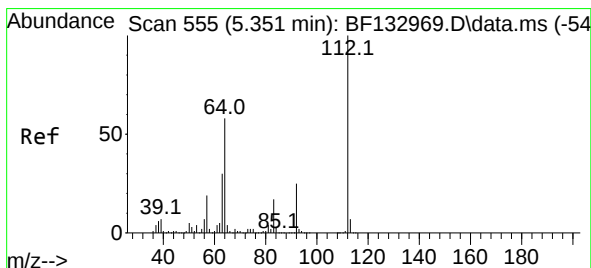
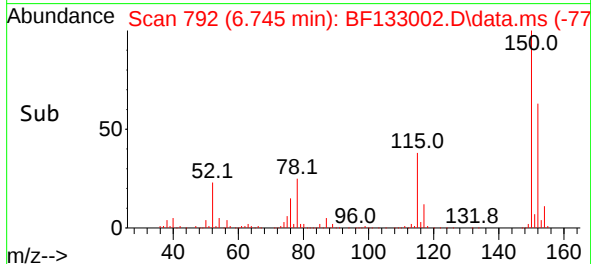
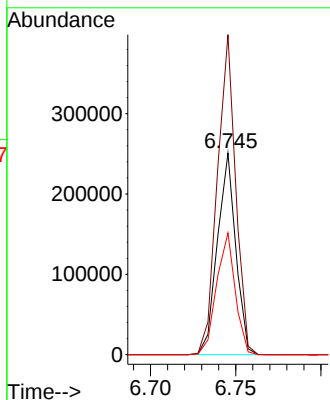
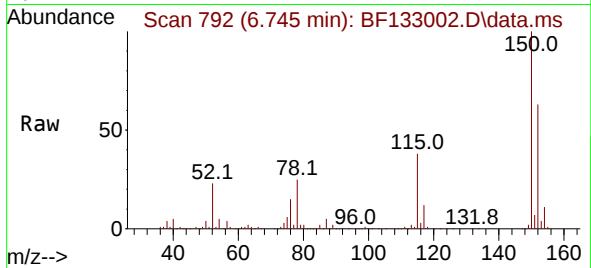




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF133002.D
 Acq: 24 Apr 2023 18:50

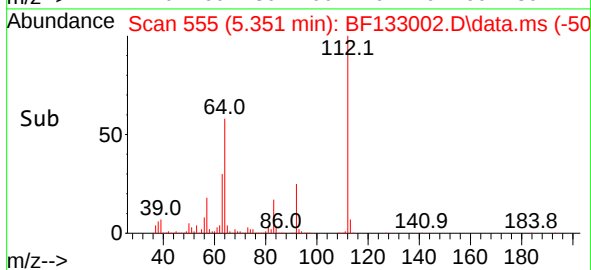
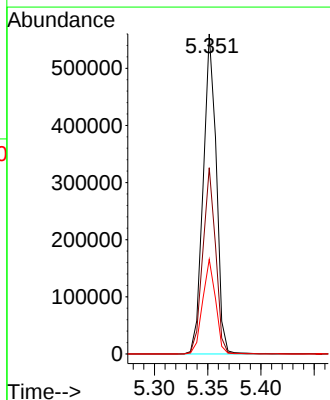
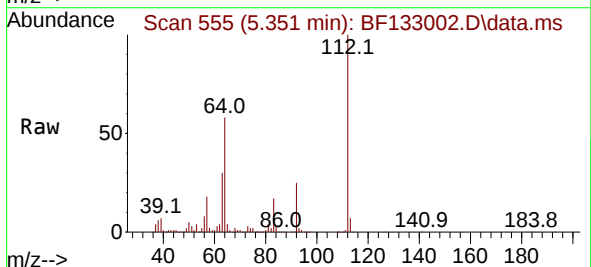
Instrument :
 BNA_F
 ClientSampleId :
 SUMP-PUMP-GW-SAMPLERE

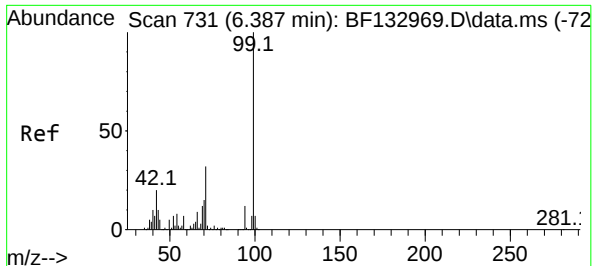
Tgt Ion:152 Resp: 188565
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.8 187.2
 115 60.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 38.552 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: BF133002.D
 Acq: 24 Apr 2023 18:50

Tgt Ion:112 Resp: 481229
 Ion Ratio Lower Upper
 112 100
 64 58.2 46.8 70.2
 63 29.6 23.8 35.8

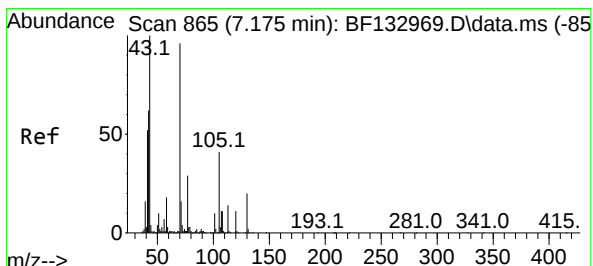
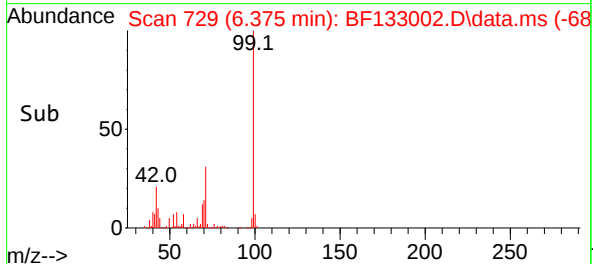
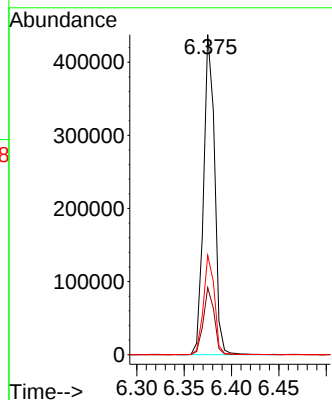
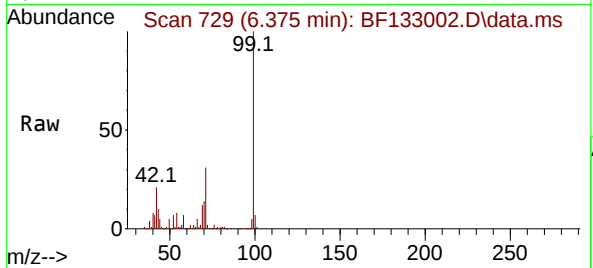




#7
Phenol-d6
Concen: 22.982 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133002.D
Acq: 24 Apr 2023 18:50

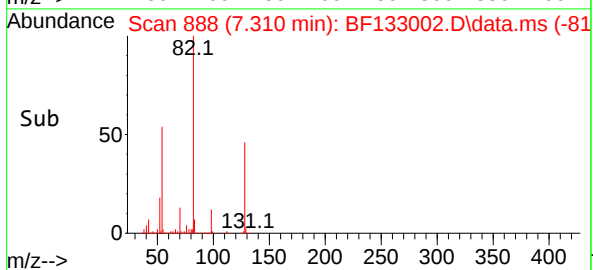
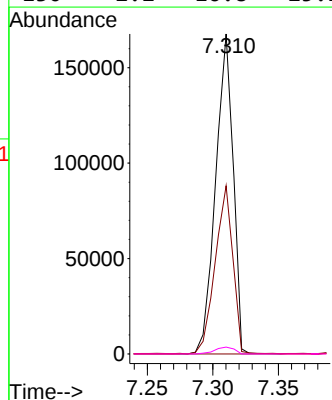
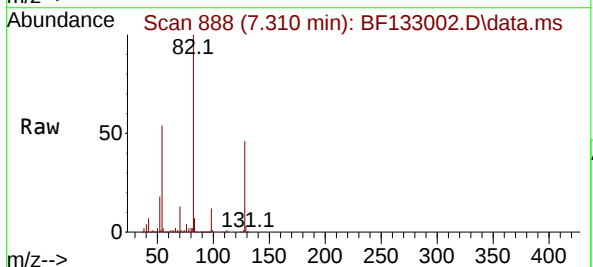
Instrument :
BNA_F
ClientSampleId :
SUMP-PUMP-GW-SAMPLERE

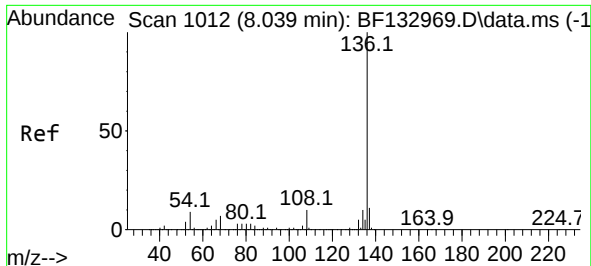
Tgt Ion: 99 Resp: 356069
Ion Ratio Lower Upper
99 100
42 20.9 16.3 24.5
71 31.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.113 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.135 min
Lab File: BF133002.D
Acq: 24 Apr 2023 18:50

Tgt Ion: 70 Resp: 155418
Ion Ratio Lower Upper
70 100
42 52.5 51.8 77.6
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#



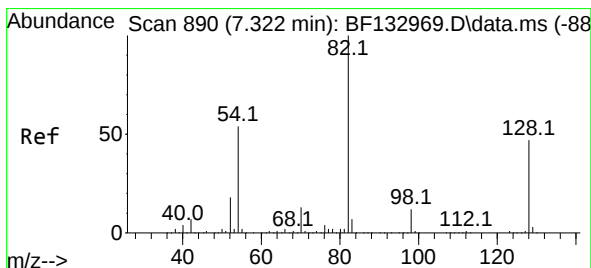
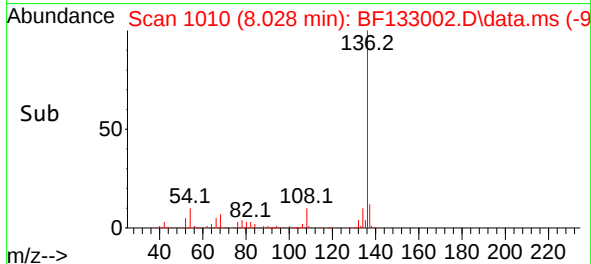
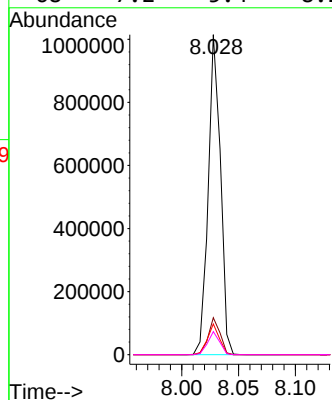
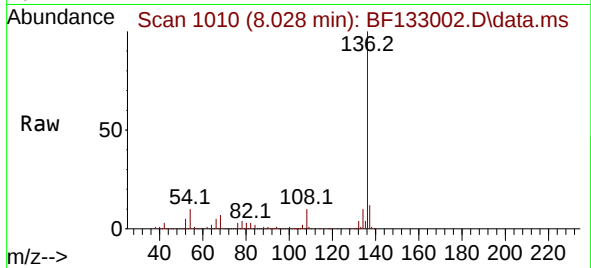


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF133002.D
Acq: 24 Apr 2023 18:50

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

Tgt Ion:136 Resp: 756072

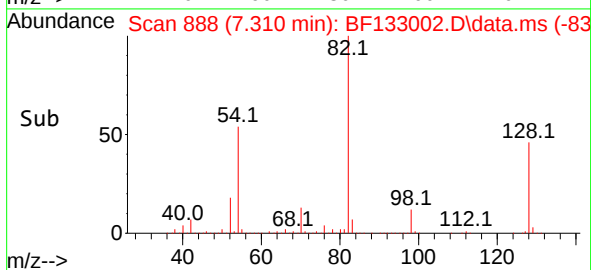
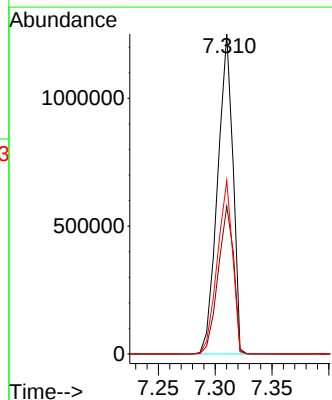
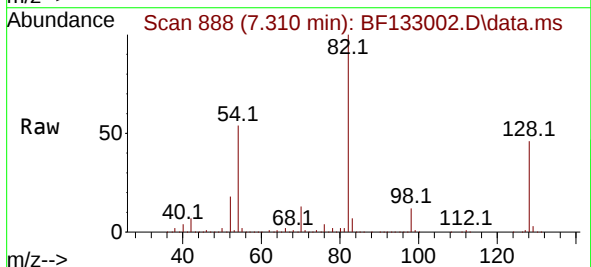
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	9.6	7.0	10.4
68	7.2	5.4	8.2

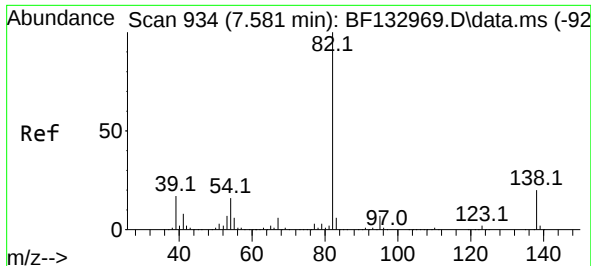


#23
Nitrobenzene-d5
Concen: 83.813 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF133002.D
Acq: 24 Apr 2023 18:50

Tgt Ion: 82 Resp: 1173995

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.7	56.5
54	54.2	43.0	64.4

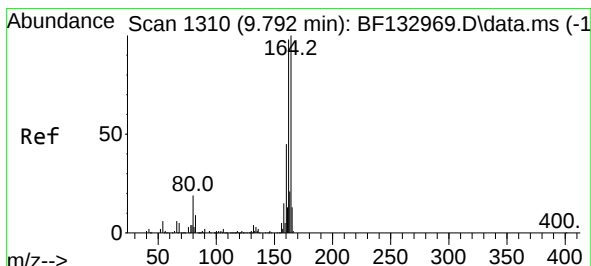
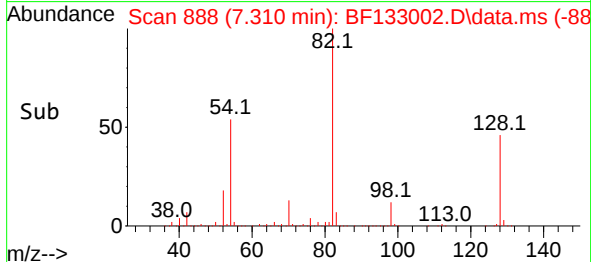
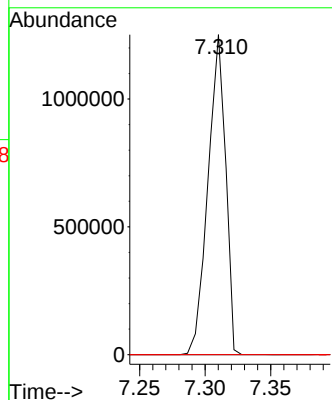
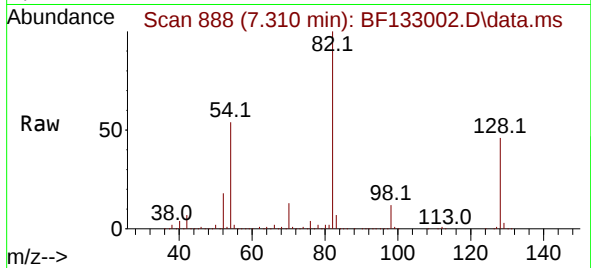




#25
Isophorone
Concen: 44.111 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF133002.D
Acq: 24 Apr 2023 18:50

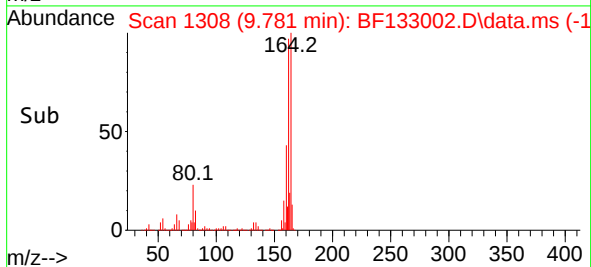
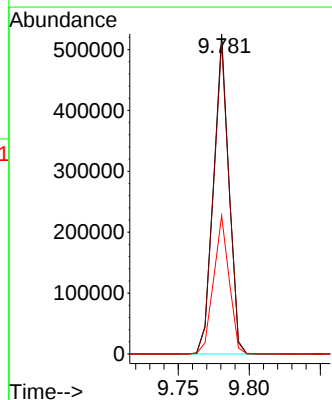
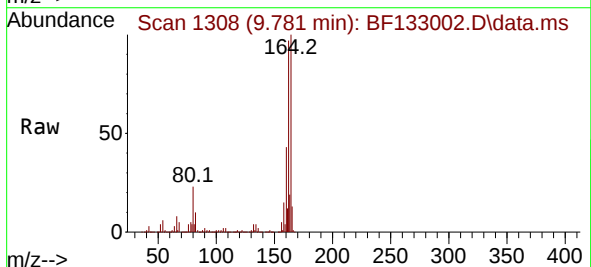
Instrument :
BNA_F
ClientSampleId :
SUMP-PUMP-GW-SAMPLERE

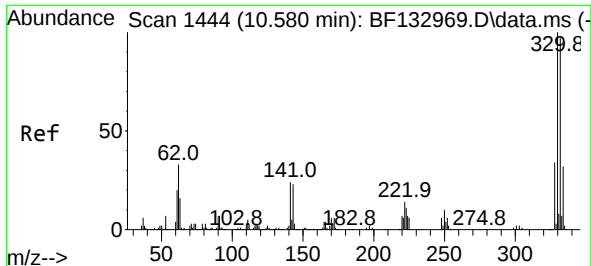
Tgt Ion: 82 Resp: 1173135
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF133002.D
Acq: 24 Apr 2023 18:50

Tgt Ion:164 Resp: 394031
Ion Ratio Lower Upper
164 100
162 97.5 78.7 118.1
160 43.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 85.481 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF133002.D

Acq: 24 Apr 2023 18:50

Instrument :

BNA_F

ClientSampleId :

SUMP-PUMP-GW-SAMPLERE

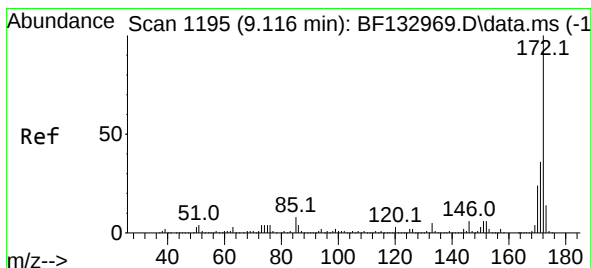
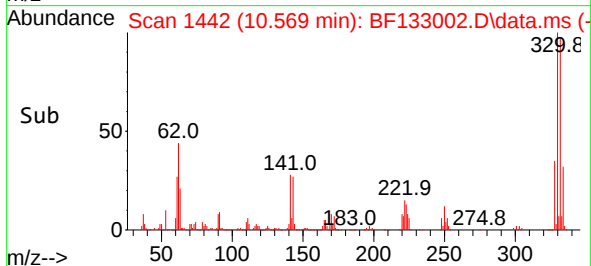
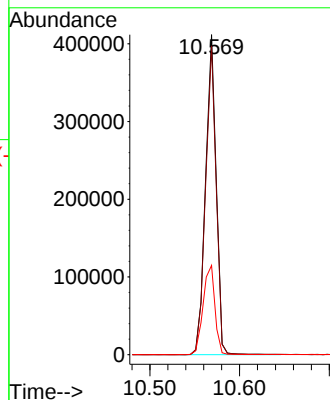
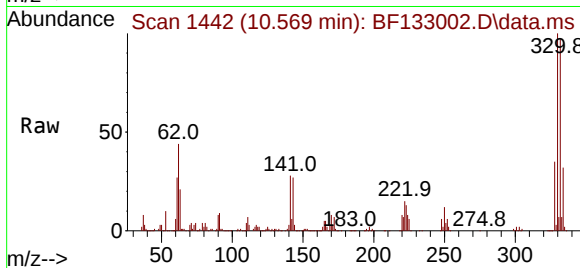
Tgt Ion:330 Resp: 338740

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

141 31.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 80.416 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF133002.D

Acq: 24 Apr 2023 18:50

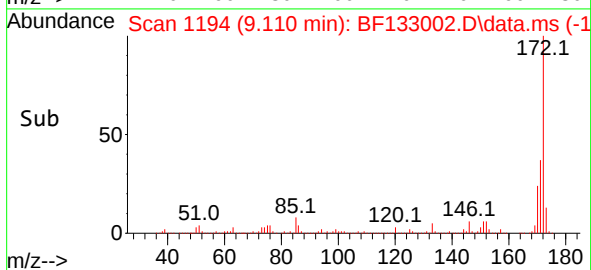
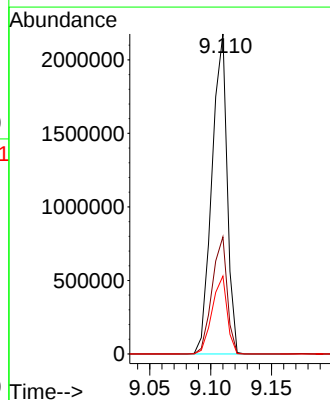
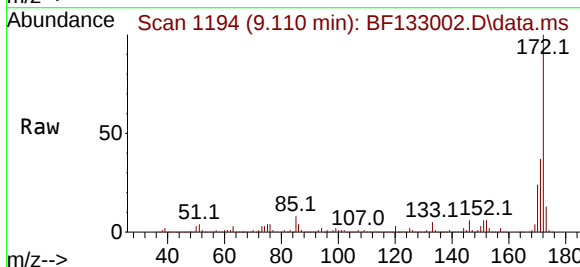
Tgt Ion:172 Resp: 1893994

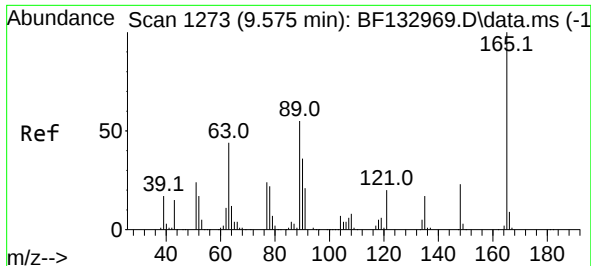
Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.4 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.198 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF133002.D

Acq: 24 Apr 2023 18:50

Instrument :

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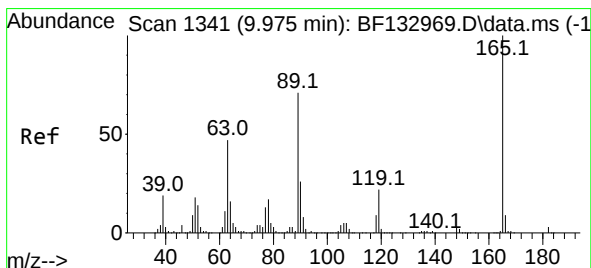
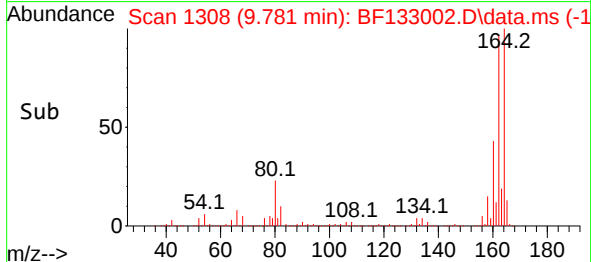
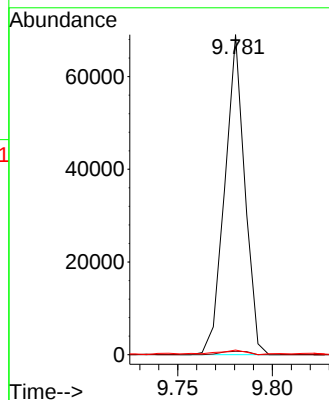
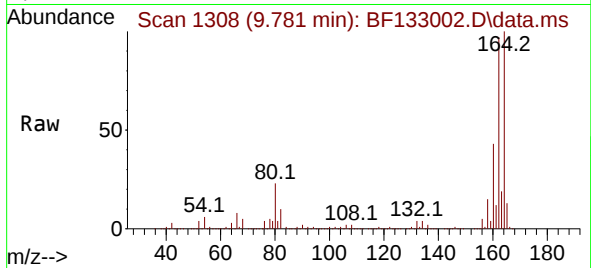
Tgt Ion:165 Resp: 50698

Ion Ratio Lower Upper

165 100

63 1.0 45.9 68.9#

89 1.4 44.0 66.0#



#57

2,4-Dinitrotoluene

Concen: 6.429 ng

RT: 9.781 min Scan# 1308

Delta R.T. -0.194 min

Lab File: BF133002.D

Acq: 24 Apr 2023 18:50

Tgt Ion:165 Resp: 50698

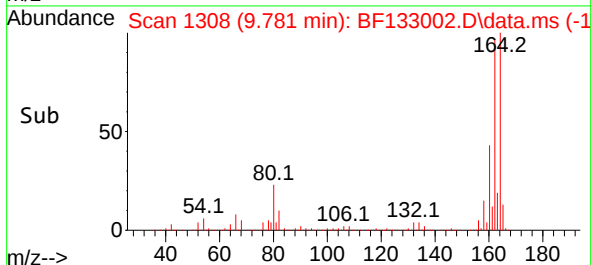
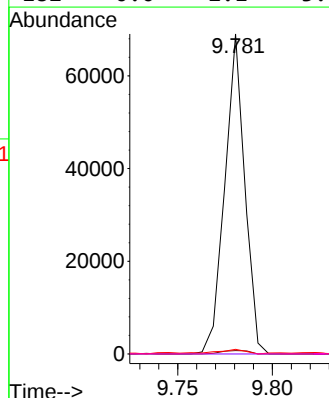
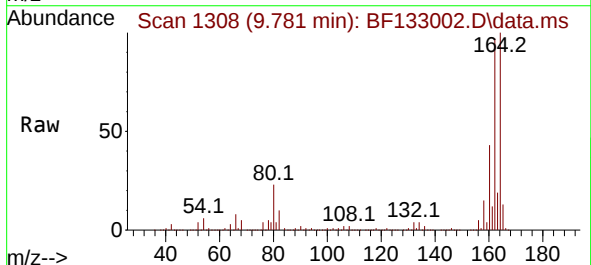
Ion Ratio Lower Upper

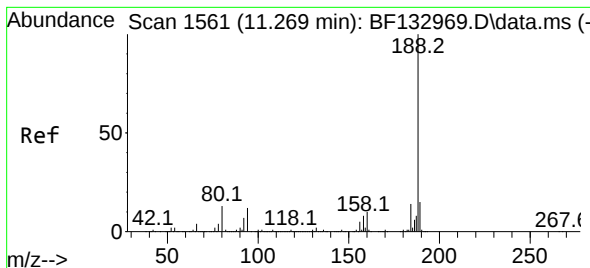
165 100

63 1.0 37.7 56.5#

89 1.4 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: BF133002.D

Acq: 24 Apr 2023 18:50

Instrument :

BNA_F

ClientSampleId :

SUMP-PUMP-GW-SAMPLERE

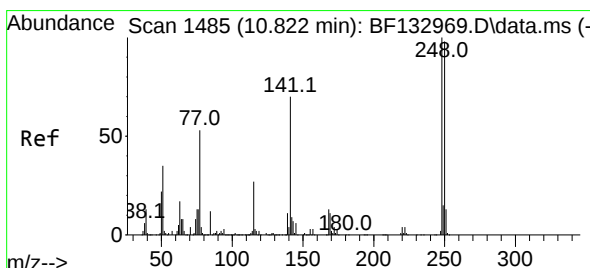
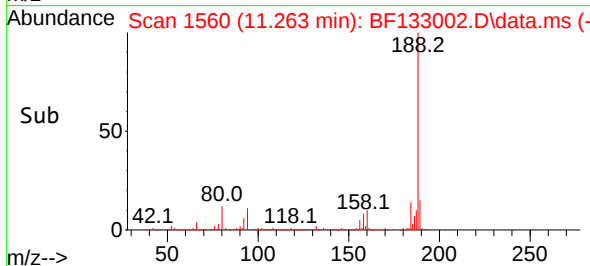
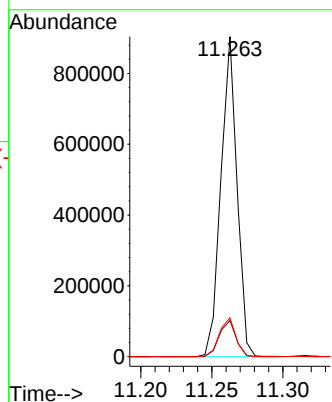
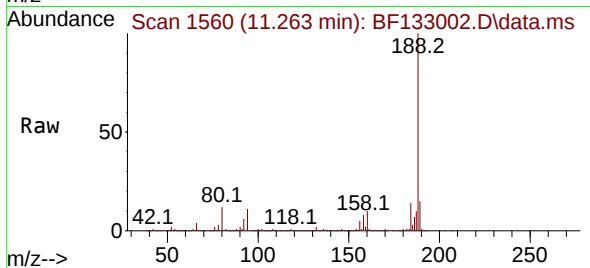
Tgt Ion:188 Resp: 711864

Ion Ratio Lower Upper

188 100

94 11.3 9.7 14.5

80 12.2 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 2.715 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.253 min

Lab File: BF133002.D

Acq: 24 Apr 2023 18:50

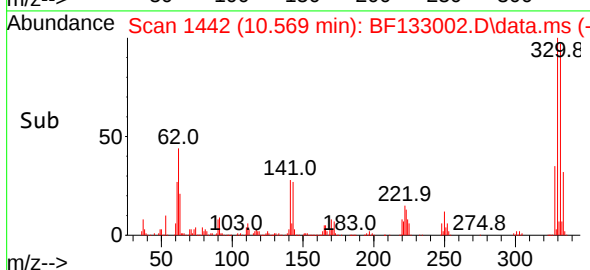
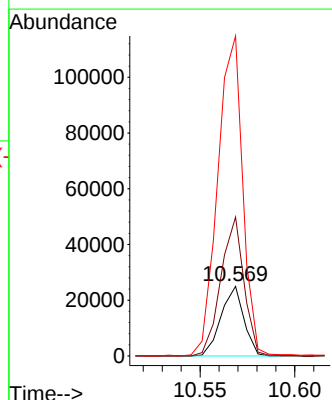
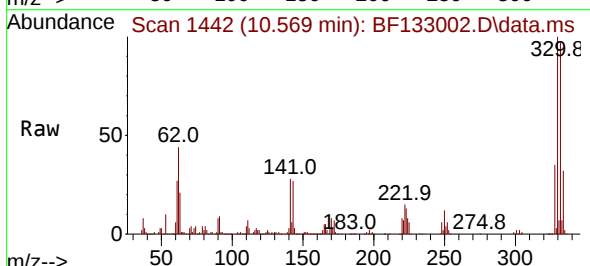
Tgt Ion:248 Resp: 20958

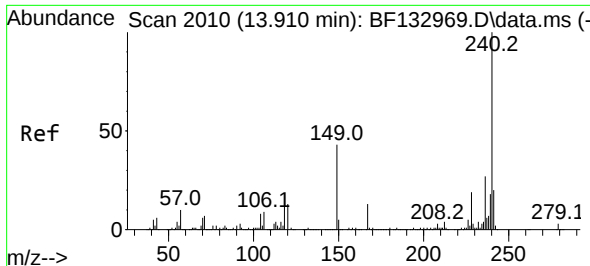
Ion Ratio Lower Upper

248 100

250 199.4 78.7 118.1#

141 459.5 56.3 84.5#

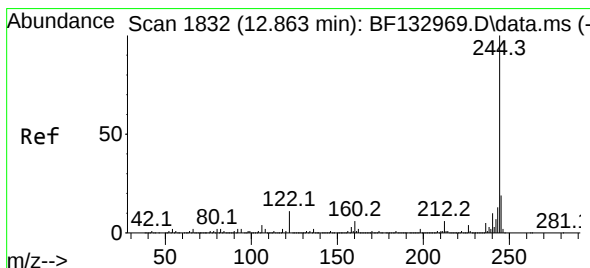
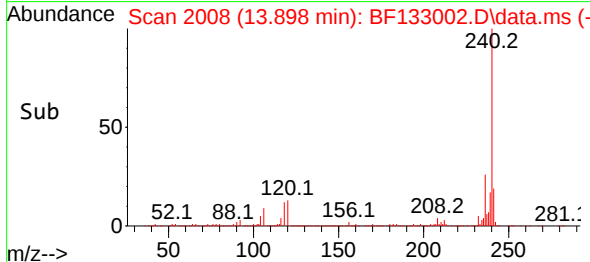
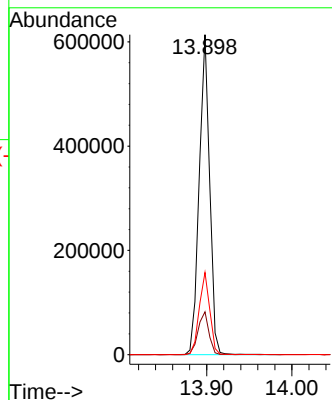
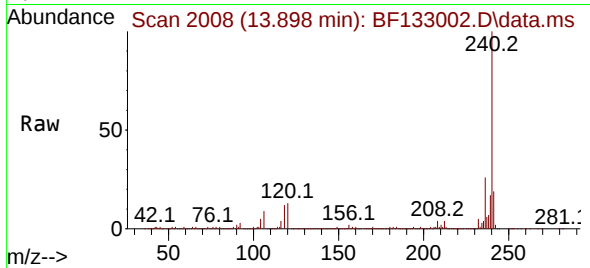




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF133002.D
Acq: 24 Apr 2023 18:50

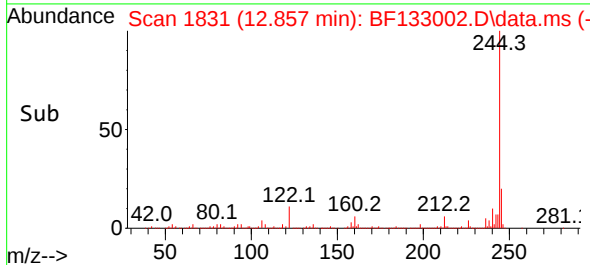
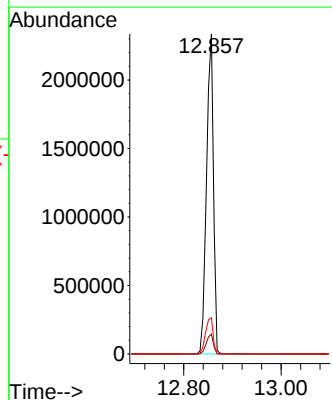
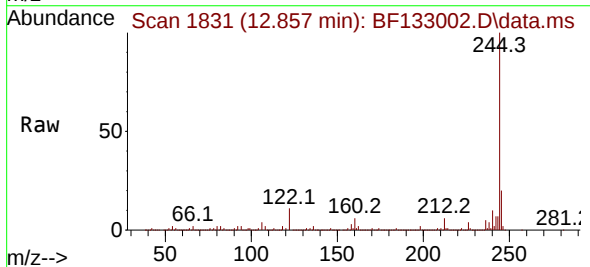
Instrument :
BNA_F
ClientSampleId :
SUMP-PUMP-GW-SAMPLERE

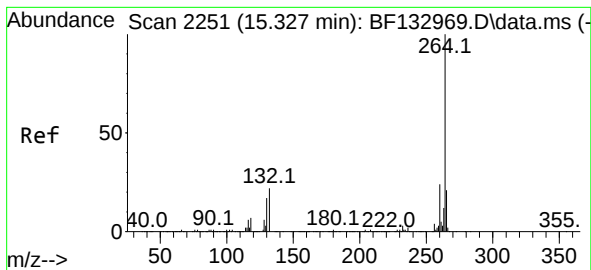
Tgt Ion:240 Resp: 523017
Ion Ratio Lower Upper
240 100
120 13.4 10.5 15.7
236 25.7 21.5 32.3



#79
Terphenyl-d14
Concen: 75.703 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF133002.D
Acq: 24 Apr 2023 18:50

Tgt Ion:244 Resp: 2295747
Ion Ratio Lower Upper
244 100
212 6.2 5.1 7.7
122 11.3 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: BF133002.D
 Acq: 24 Apr 2023 18:50

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

Tgt Ion:264 Resp: 427603
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 21.4 17.0 25.4

