

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
 Data File : BF126685.D
 Acq On : 26 Jan 2022 14:43
 Operator : CG/JU
 Sample : N1210-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

Quant Time: Jan 27 03:12:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

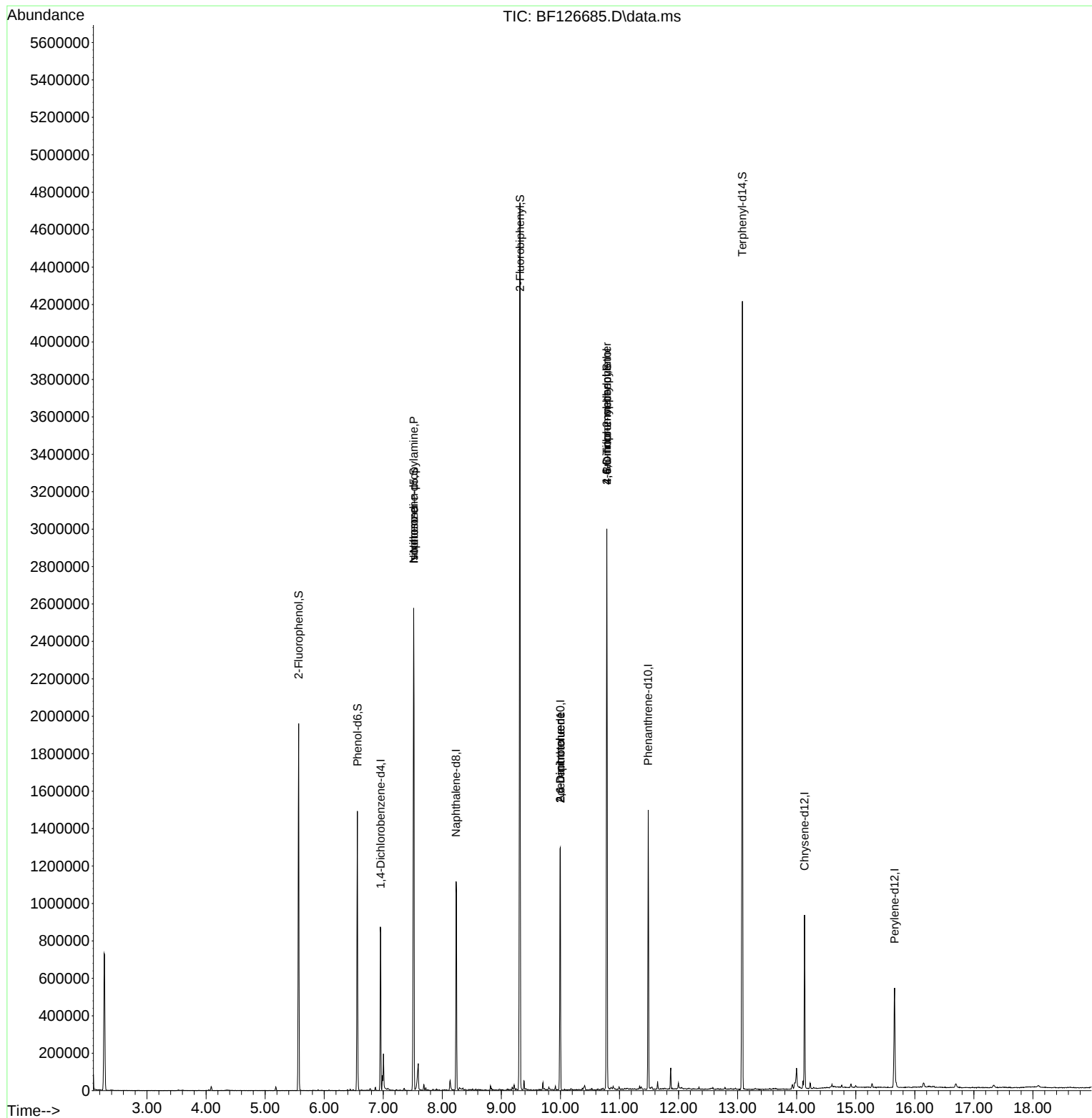
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	120403	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	461797	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	263205	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	454448	20.000	ng	0.00
76) Chrysene-d12	14.133	240	285855	20.000	ng	#-0.01
86) Perylene-d12	15.657	264	234194	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	463713	50.680	ng	0.00
7) Phenol-d6	6.563	99	441340	34.717	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1048631	88.880	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	311817	126.591	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1336323	77.756	ng	0.00
79) Terphenyl-d14	13.080	244	1308798	76.794	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.563	77	861	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.516	70	143399	15.455	ng	# 69
25) Isophorone	7.516	82	1046569	45.740	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	34437	10.676	ng	# 22
57) 2,4-Dinitrotoluene	9.998	165	34437	8.810	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.786	198	909	7.726	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	20806	3.972	ng	# 1

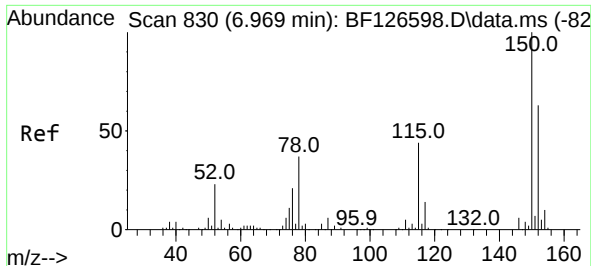
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
Data File : BF126685.D
Acq On : 26 Jan 2022 14:43
Operator : CG/JU
Sample : N1210-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

Quant Time: Jan 27 03:12:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
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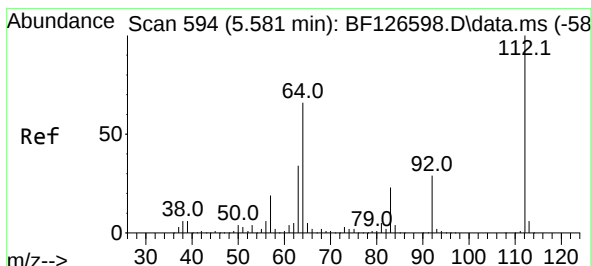
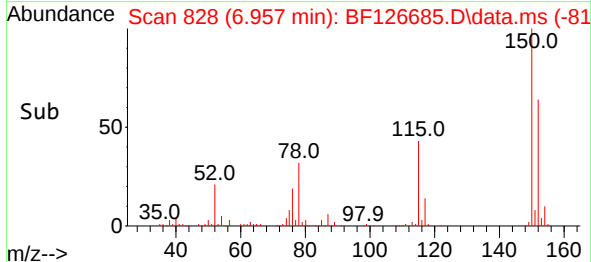
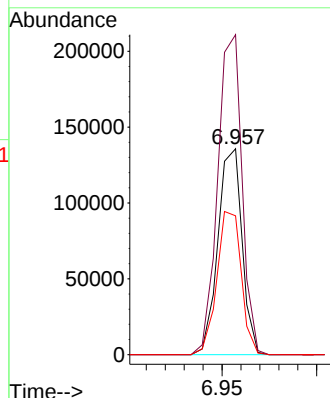
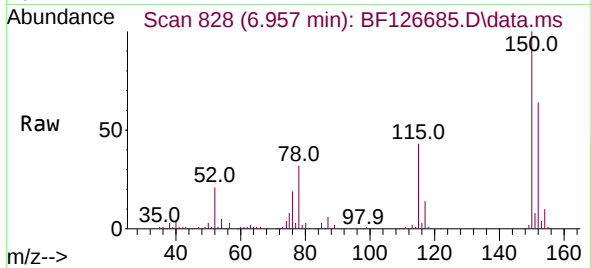




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126685.D
Acq: 26 Jan 2022 14:43

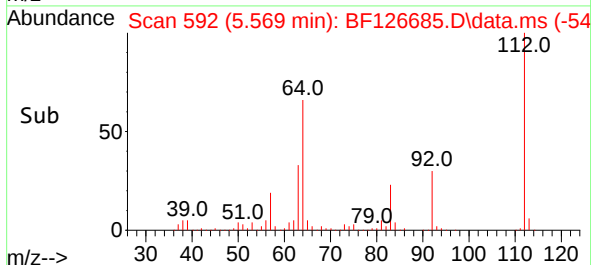
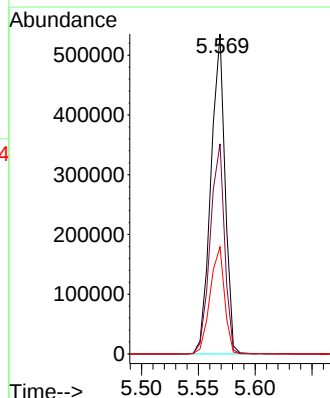
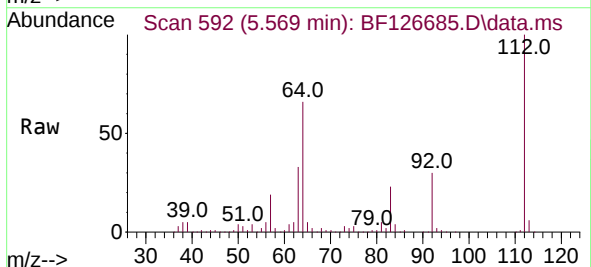
Instrument :
BNA_F
ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

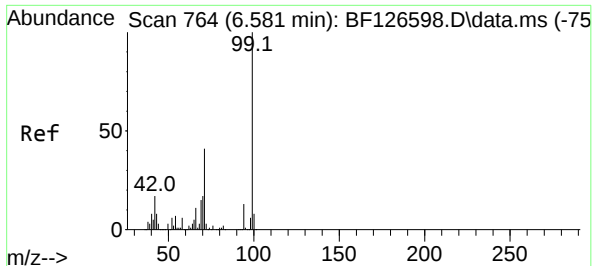
Tgt Ion:152 Resp: 120403
Ion Ratio Lower Upper
152 100
150 155.4 128.1 192.1
115 67.5 56.7 85.1



#5
2-Fluorophenol
Concen: 50.680 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.000 min
Lab File: BF126685.D
Acq: 26 Jan 2022 14:43

Tgt Ion:112 Resp: 463713
Ion Ratio Lower Upper
112 100
64 65.6 49.5 74.3
63 33.5 23.9 35.9

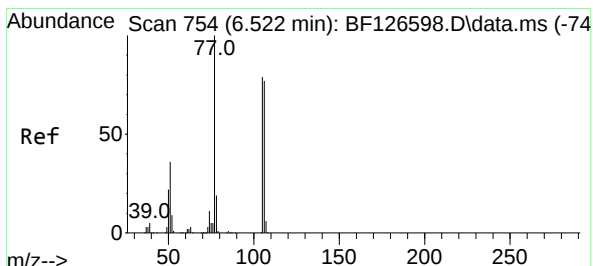
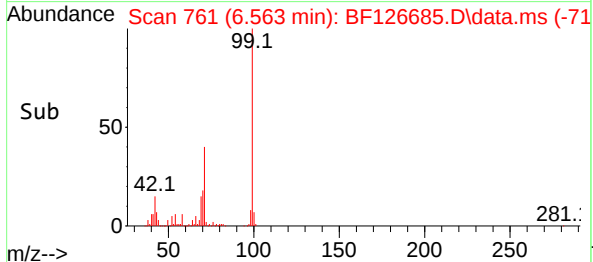
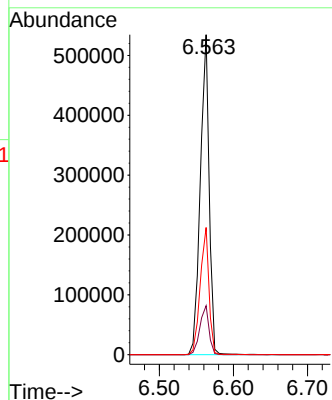
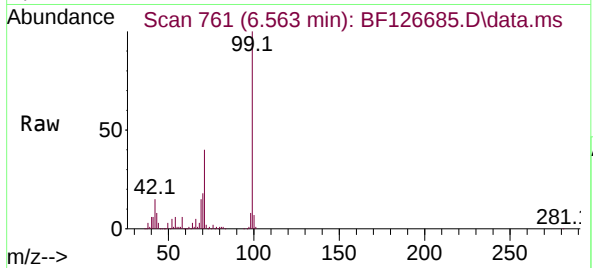




#7
Phenol-d6
Concen: 34.717 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.012 min
Lab File: BF126685.D
Acq: 26 Jan 2022 14:43

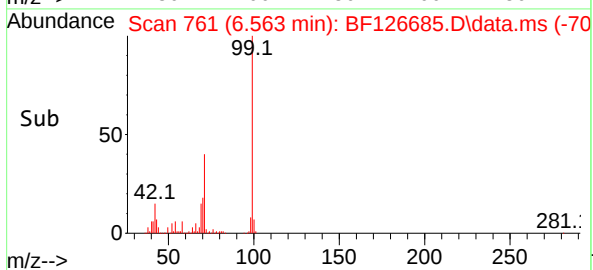
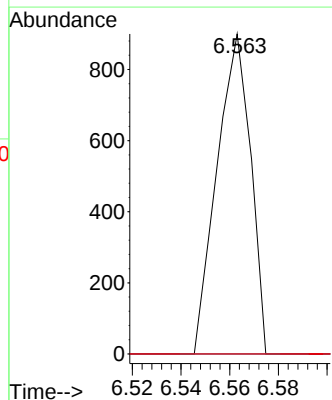
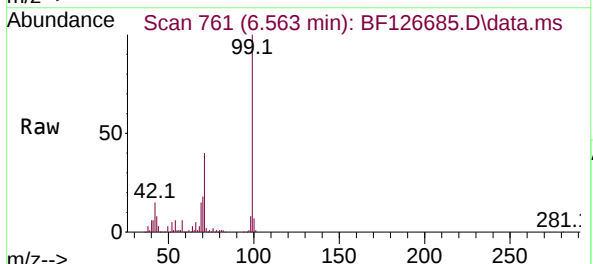
Instrument :
BNA_F
ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

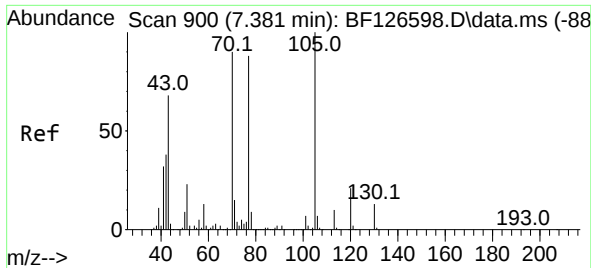
Tgt Ion: 99 Resp: 441340
Ion Ratio Lower Upper
99 100
42 15.3 14.2 21.4
71 39.8 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.563 min Scan# 761
Delta R.T. 0.053 min
Lab File: BF126685.D
Acq: 26 Jan 2022 14:43

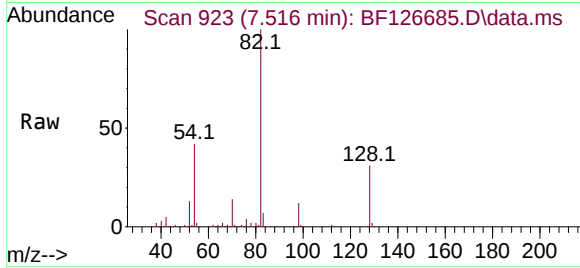
Tgt Ion: 77 Resp: 861
Ion Ratio Lower Upper
77 100
105 0.0 74.9 114.9#
106 0.0 72.4 112.4#



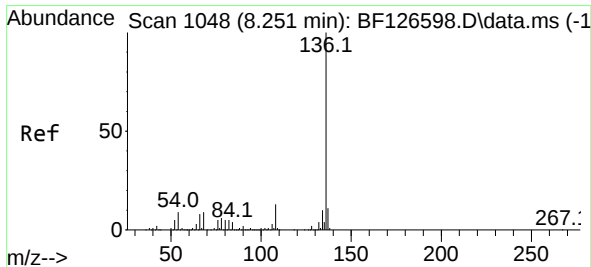
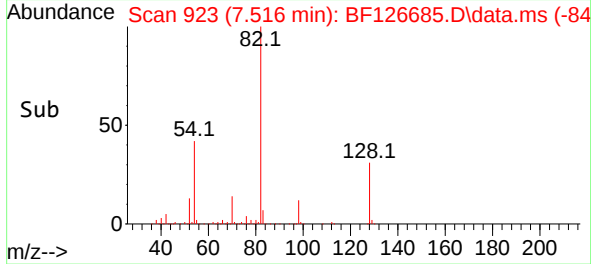
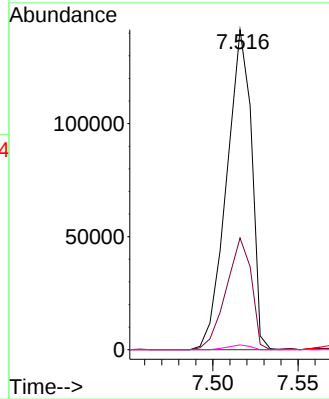


#19
n-Nitroso-di-n-propylamine
Concen: 15.455 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126685.D
Acq: 26 Jan 2022 14:43

Instrument :
BNA_F
ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

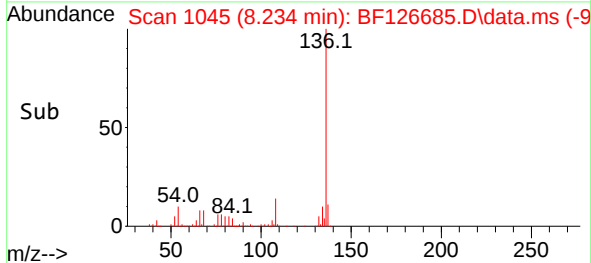
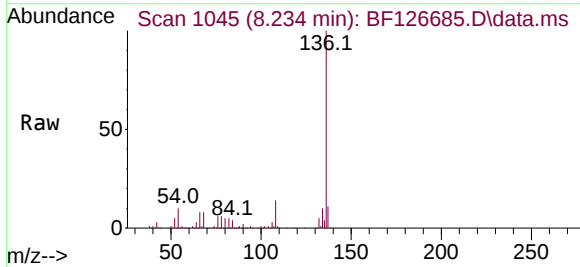
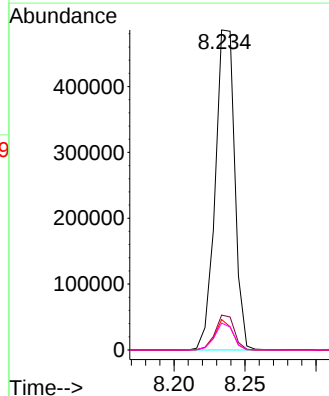


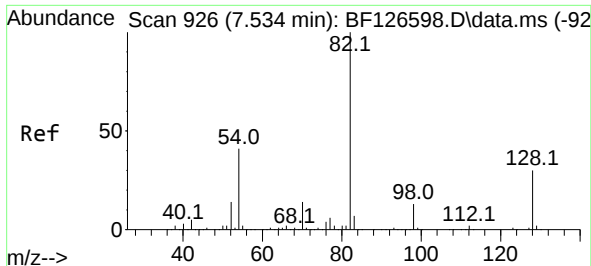
Tgt Ion: 70 Resp: 143399
Ion Ratio Lower Upper
70 100
42 34.9 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF126685.D
Acq: 26 Jan 2022 14:43

Tgt Ion: 136 Resp: 461797
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.5 7.8 11.6
68 8.4 6.3 9.5





#23

Nitrobenzene-d5

Concen: 88.880 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126685.D

Acq: 26 Jan 2022 14:43

Instrument :

BNA_F

ClientSampleId :

20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

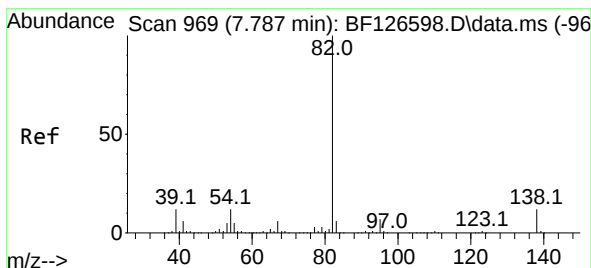
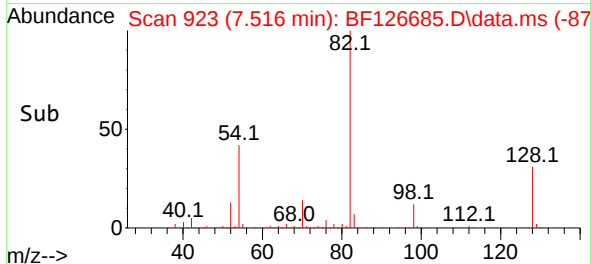
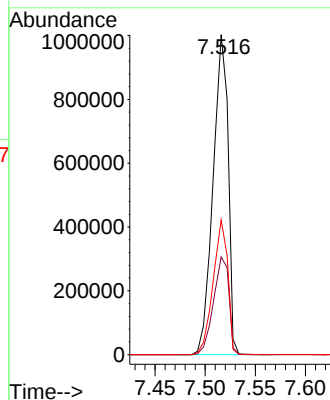
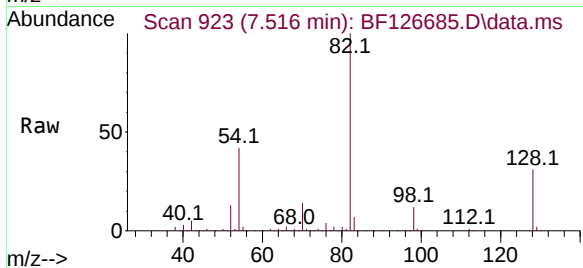
Tgt Ion: 82 Resp: 1048631

Ion Ratio Lower Upper

82 100

128 30.5 32.7 49.1#

54 42.1 41.7 62.5



#25

Isophorone

Concen: 45.740 ng

RT: 7.516 min Scan# 923

Delta R.T. -0.265 min

Lab File: BF126685.D

Acq: 26 Jan 2022 14:43

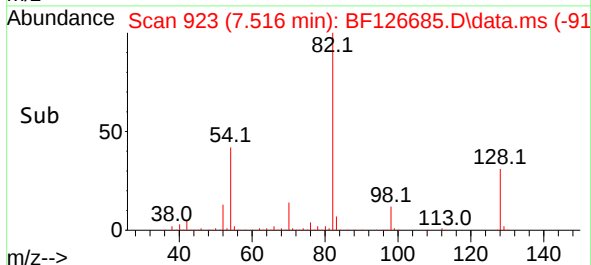
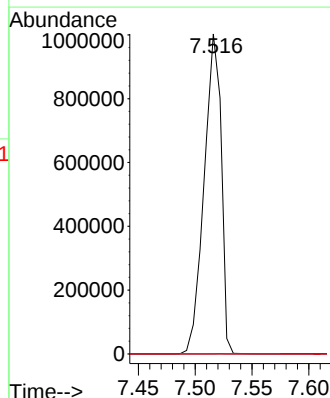
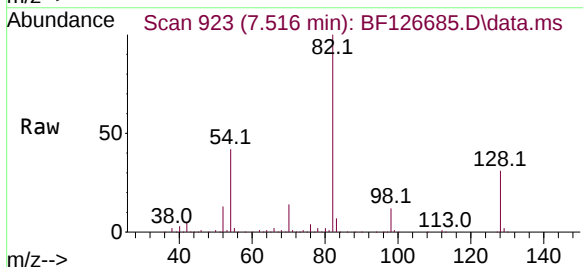
Tgt Ion: 82 Resp: 1046569

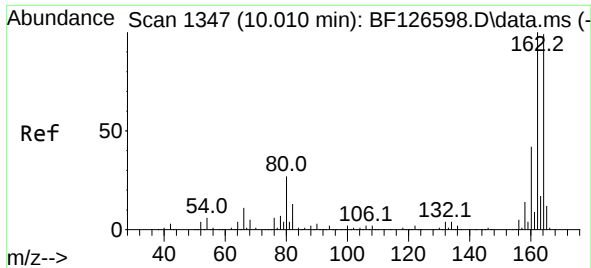
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

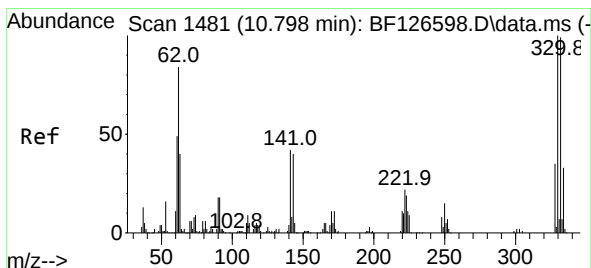
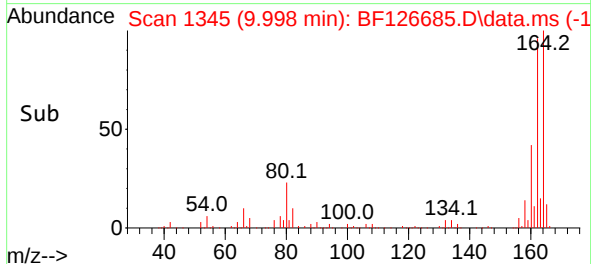
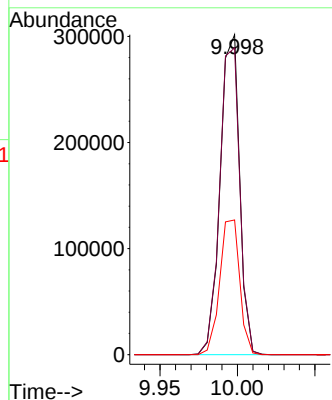
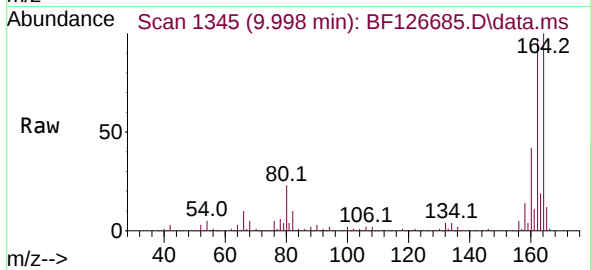




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126685.D
Acq: 26 Jan 2022 14:43

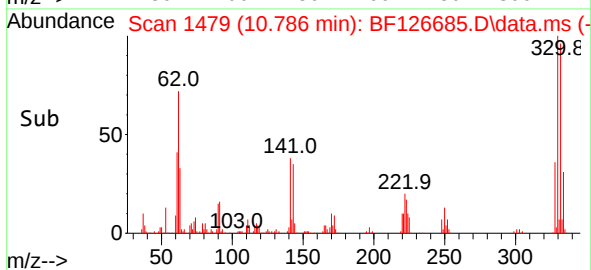
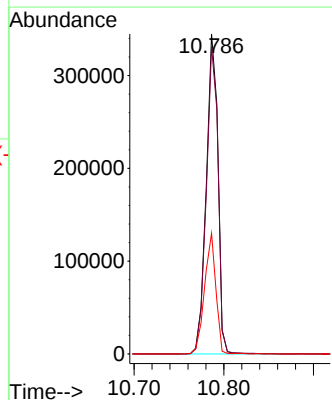
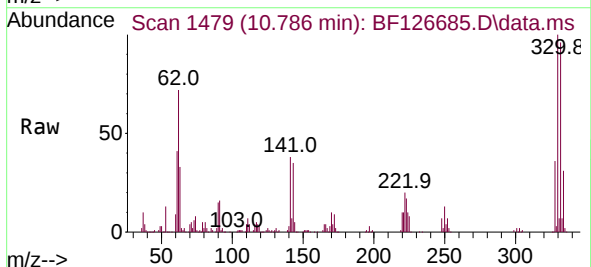
Instrument :
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ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

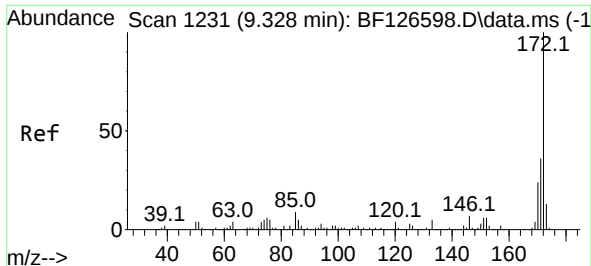
Tgt Ion:164 Resp: 263205
Ion Ratio Lower Upper
164 100
162 95.9 81.4 122.0
160 42.1 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 126.591 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126685.D
Acq: 26 Jan 2022 14:43

Tgt Ion:330 Resp: 311817
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 36.5 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 77.756 ng

RT: 9.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126685.D

Acq: 26 Jan 2022 14:43

Instrument :

BNA_F

ClientSampleId :

20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

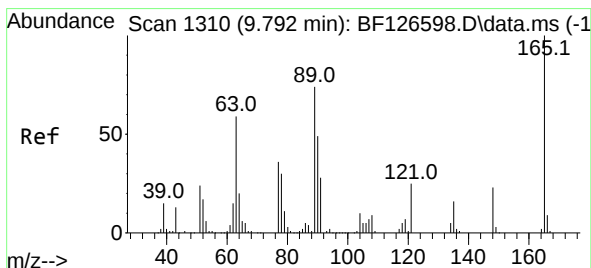
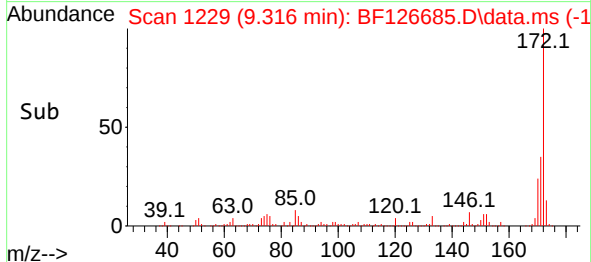
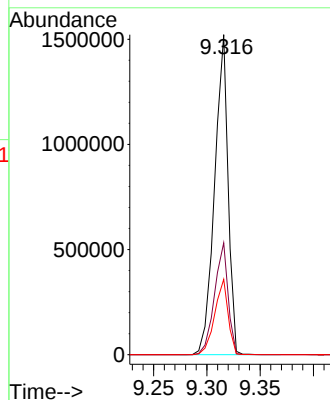
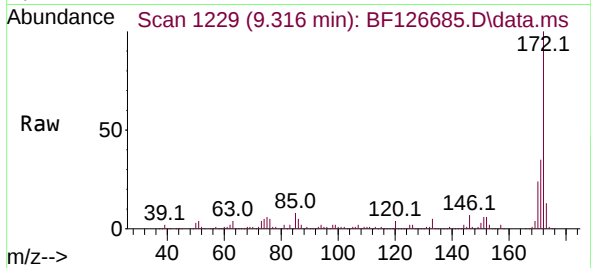
Tgt Ion:172 Resp: 1336323

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.6 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.676 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126685.D

Acq: 26 Jan 2022 14:43

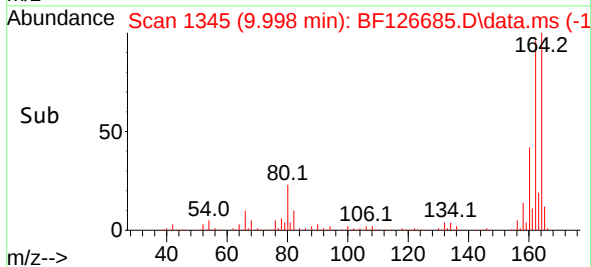
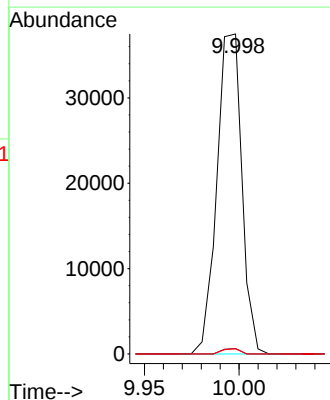
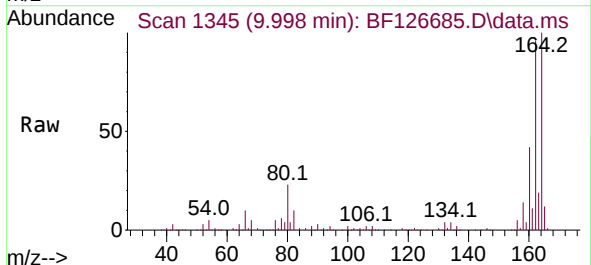
Tgt Ion:165 Resp: 34437

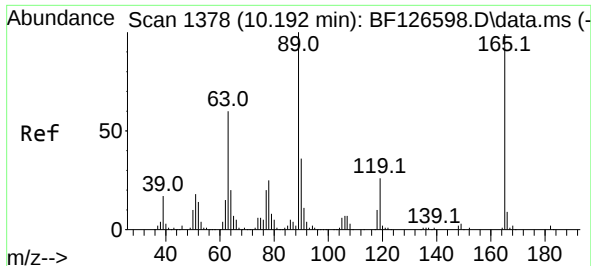
Ion Ratio Lower Upper

165 100

63 1.7 48.4 72.6#

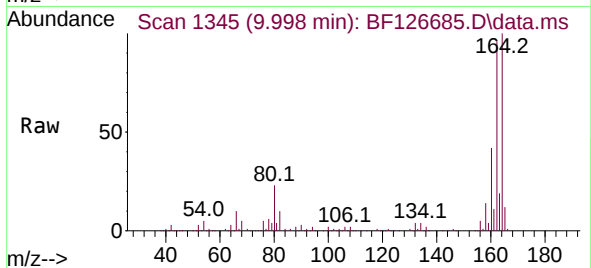
89 1.6 50.5 75.7#



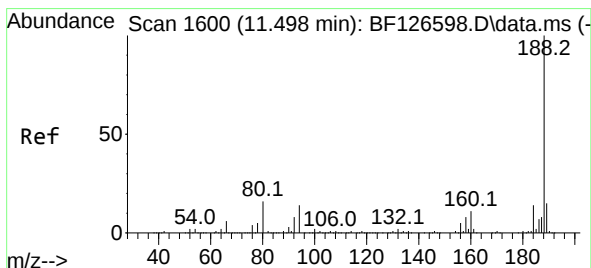
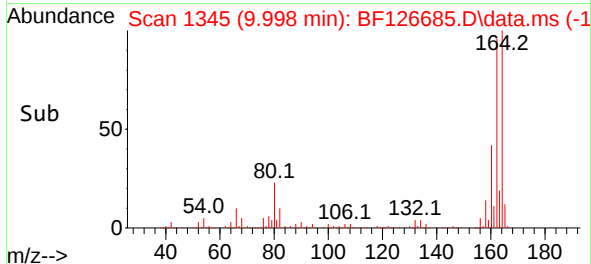
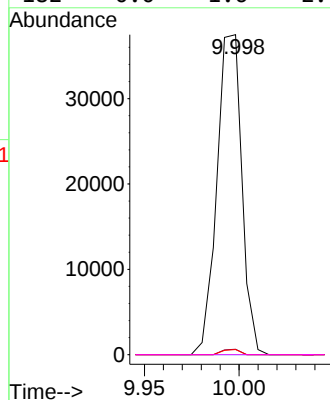


#57
2,4-Dinitrotoluene
Concen: 8.810 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126685.D
Acq: 26 Jan 2022 14:43

Instrument :
BNA_F
ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

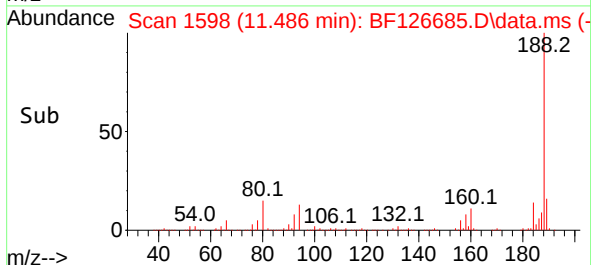
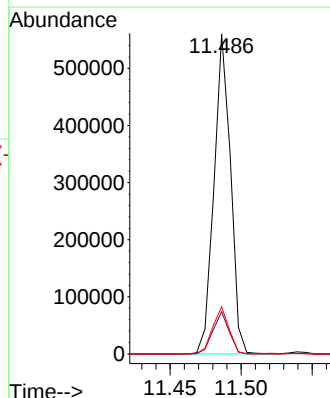
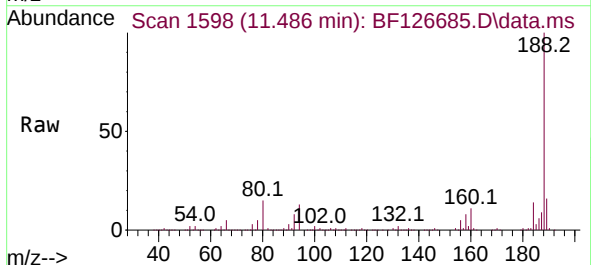


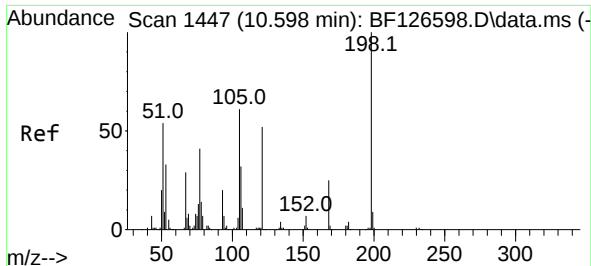
Tgt Ion:165 Resp: 34437
Ion Ratio Lower Upper
165 100
63 1.7 43.0 64.6#
89 1.6 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126685.D
Acq: 26 Jan 2022 14:43

Tgt Ion:188 Resp: 454448
Ion Ratio Lower Upper
188 100
94 13.2 10.1 15.1
80 14.7 11.8 17.6





#65
4,6-Dinitro-2-methylphenol
Concen: 7.726 ng
RT: 10.786 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126685.D
Acq: 26 Jan 2022 14:43

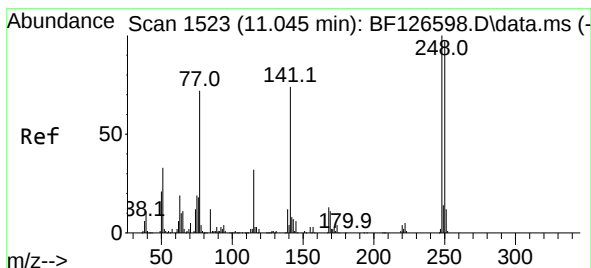
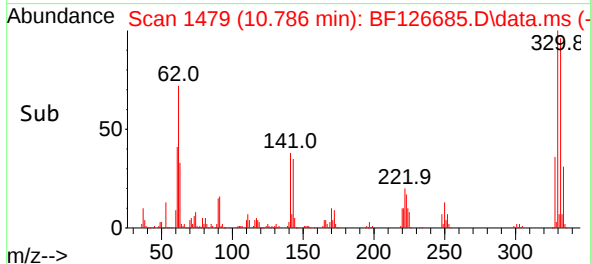
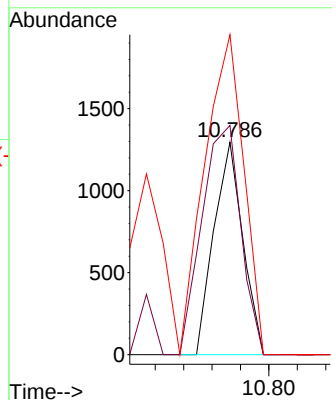
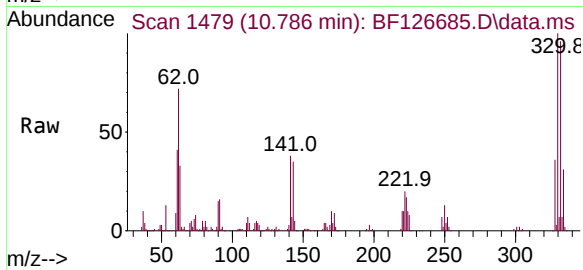
Instrument :

BNA_F

ClientSampleId :

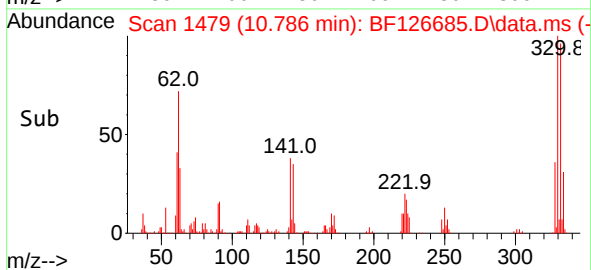
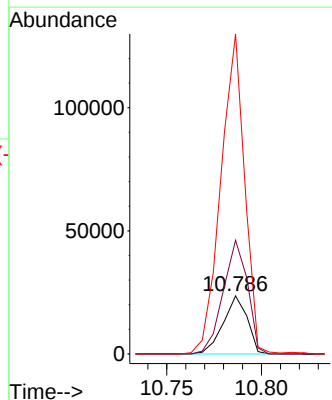
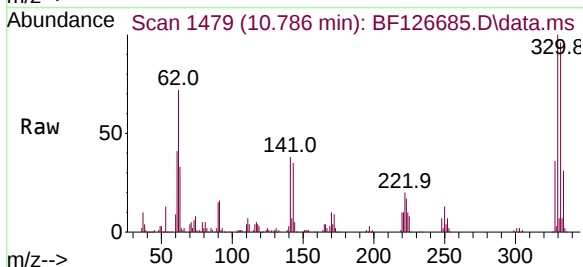
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

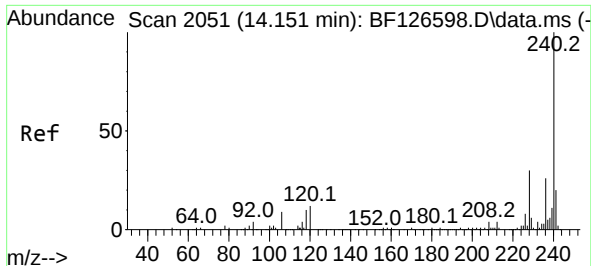
Tgt Ion:198 Resp: 909
Ion Ratio Lower Upper
198 100
51 108.0 32.0 72.0#
105 150.7 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 3.972 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.247 min
Lab File: BF126685.D
Acq: 26 Jan 2022 14:43

Tgt Ion:248 Resp: 20806
Ion Ratio Lower Upper
248 100
250 196.0 76.2 114.4#
141 551.1 66.2 99.4#

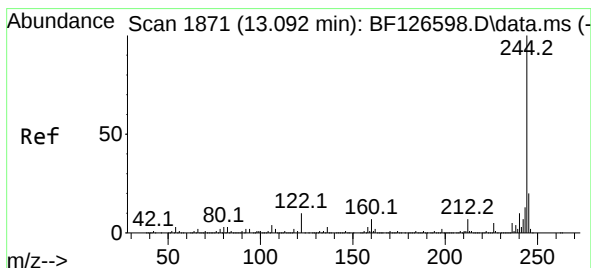
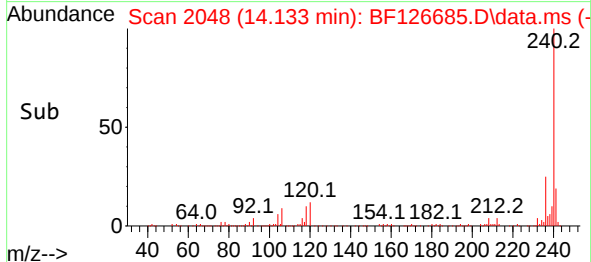
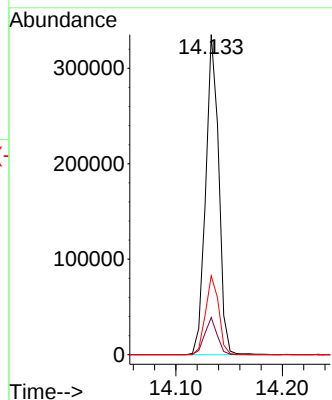
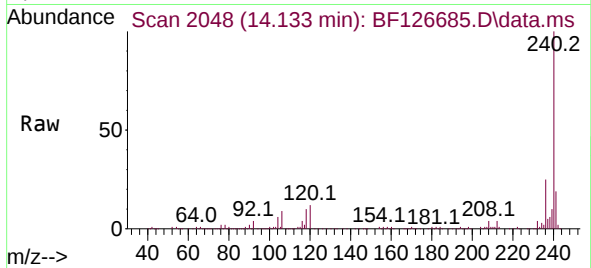




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BF126685.D
Acq: 26 Jan 2022 14:43

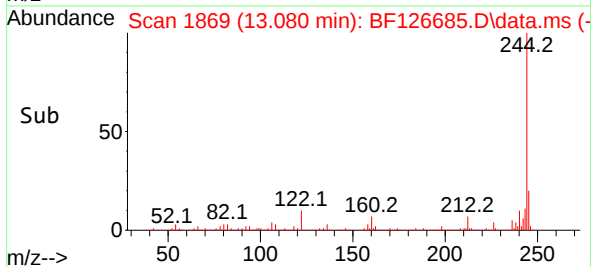
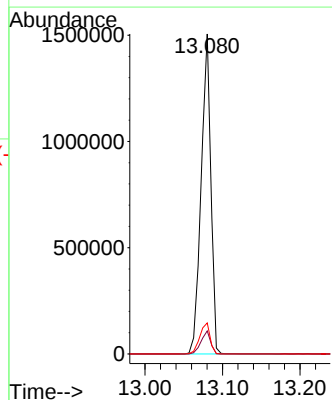
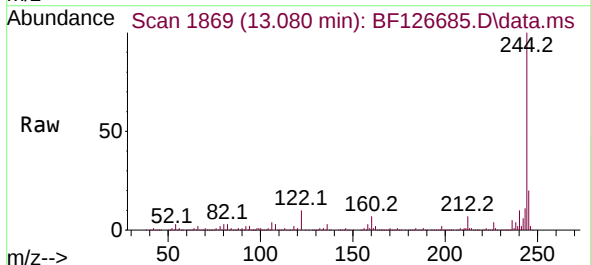
Instrument : BNA_F
ClientSampleId : 20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

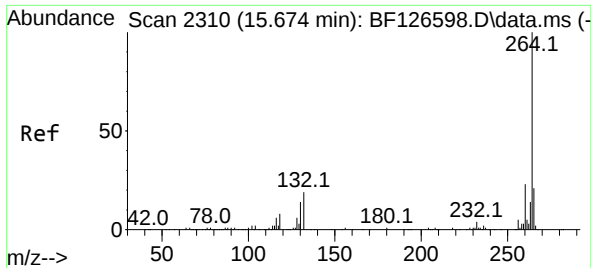
Tgt Ion:240 Resp: 285855
Ion Ratio Lower Upper
240 100
120 11.6 14.4 21.6#
236 24.7 20.5 30.7



#79
Terphenyl-d14
Concen: 76.794 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BF126685.D
Acq: 26 Jan 2022 14:43

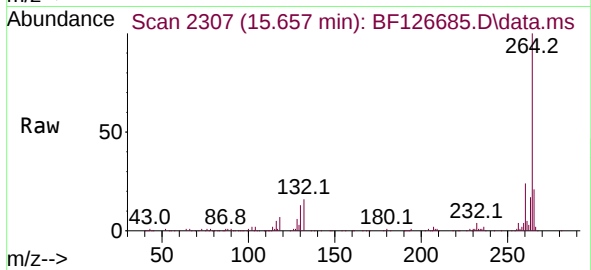
Tgt Ion:244 Resp: 1308798
Ion Ratio Lower Upper
244 100
212 7.2 5.0 7.4
122 9.7 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126685.D
 Acq: 26 Jan 2022 14:43

Instrument :
 BNA_F
 ClientSampleId :
 20220030-KEANSBURG-1-MODIFIED-ELUTRIATE



Tgt Ion:264 Resp: 234194
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 20.9 17.4 26.2

