

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
 Data File : BF126643.D
 Acq On : 24 Jan 2022 17:10
 Operator : CG/JU
 Sample : N1210-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jan 25 03:13:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

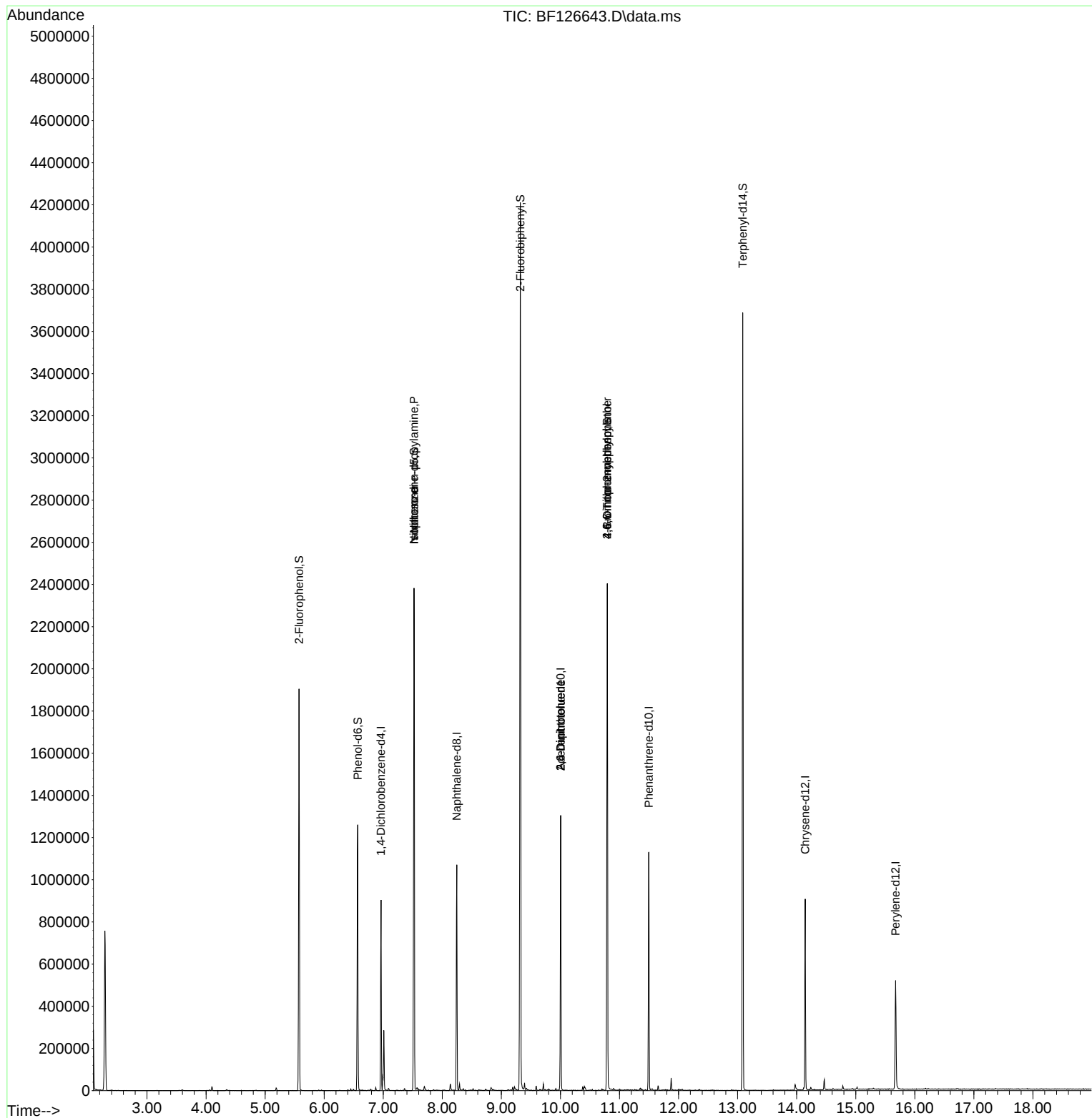
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	108085	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	415538	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	229668	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	397751	20.000	ng	0.00
76) Chrysene-d12	14.145	240	283392	20.000	ng	# 0.00
86) Perylene-d12	15.674	264	230278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	439204	53.472	ng	0.00
7) Phenol-d6	6.569	99	403542	35.361	ng	-0.01
23) Nitrobenzene-d5	7.522	82	936389	88.202	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	234625	109.162	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1197371	79.844	ng	0.00
79) Terphenyl-d14	13.086	244	1192385	70.572	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	388	Below Cal	#	35
19) n-Nitroso-di-n-propyla...	7.522	70	128126	15.383	ng	# 69
25) Isophorone	7.522	82	936377	45.480	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	29458	10.465	ng	# 21
57) 2,4-Dinitrotoluene	10.004	165	29458	8.636	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	617	7.646	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	15718	3.429	ng	# 1

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

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Misc :
ALS Vial : 17 Sample Multiplier: 1

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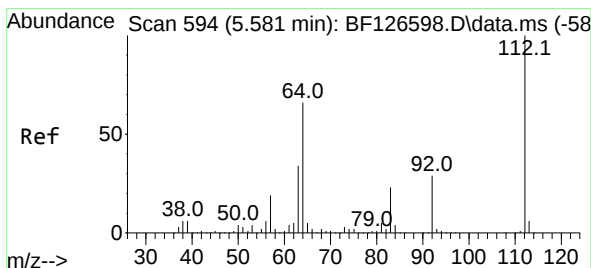
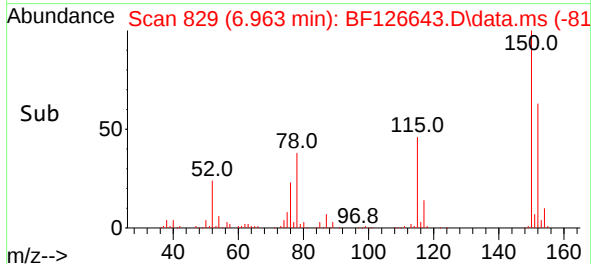
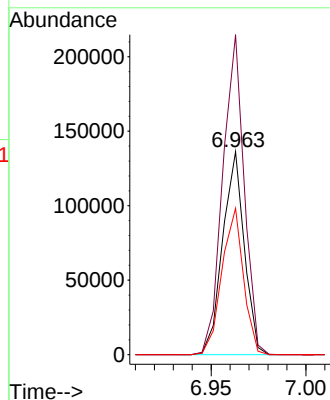
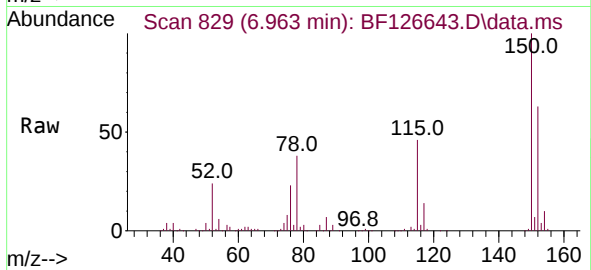




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF126643.D
 Acq: 24 Jan 2022 17:10

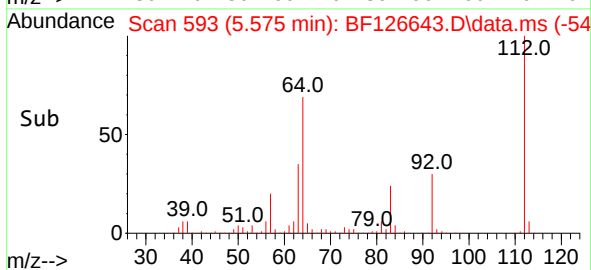
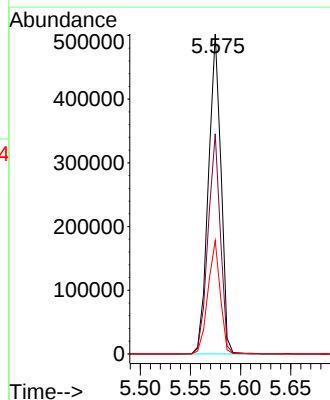
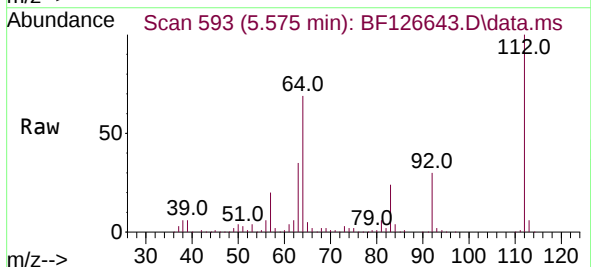
Instrument :
 BNA_F
 ClientSampleId :
 20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

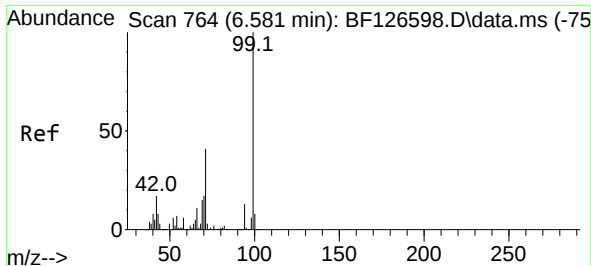
Tgt Ion:152 Resp: 108085
 Ion Ratio Lower Upper
 152 100
 150 157.6 128.1 192.1
 115 72.1 56.7 85.1



#5
 2-Fluorophenol
 Concen: 53.472 ng
 RT: 5.575 min Scan# 593
 Delta R.T. -0.006 min
 Lab File: BF126643.D
 Acq: 24 Jan 2022 17:10

Tgt Ion:112 Resp: 439204
 Ion Ratio Lower Upper
 112 100
 64 68.8 49.5 74.3
 63 35.4 23.9 35.9

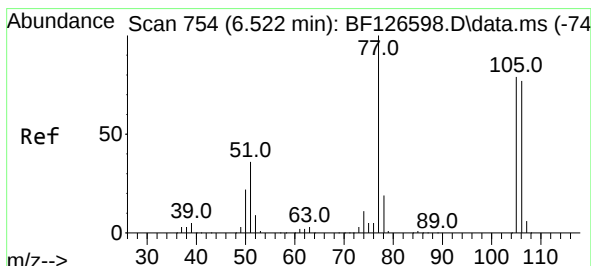
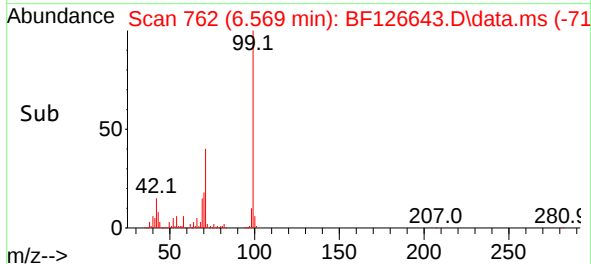
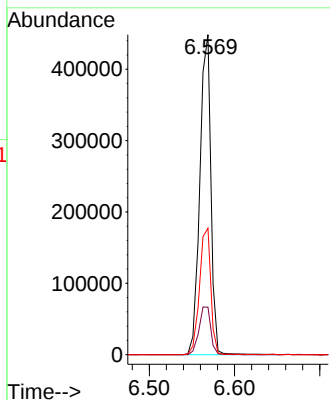
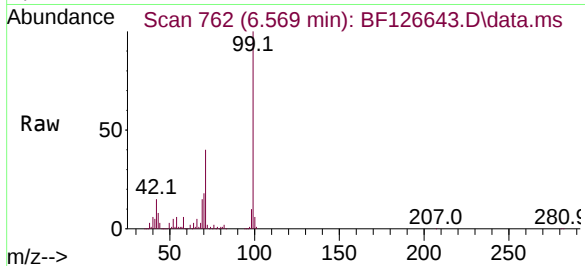




#7
Phenol-d6
Concen: 35.361 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF126643.D
Acq: 24 Jan 2022 17:10

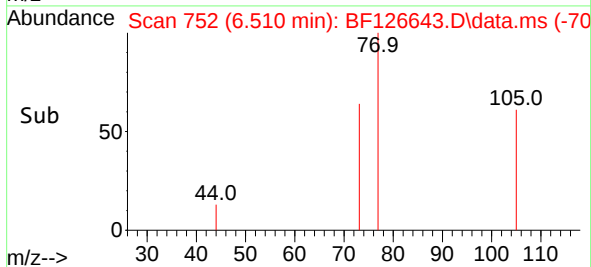
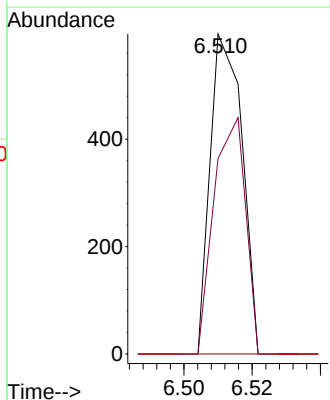
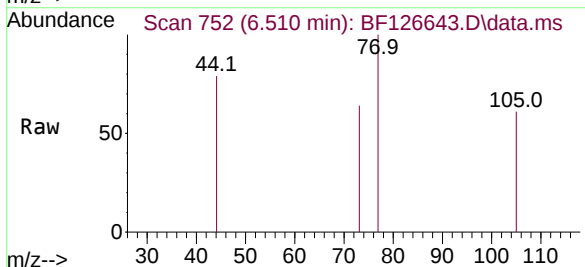
Instrument :
BNA_F
ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

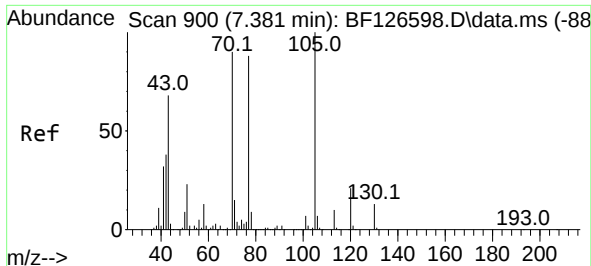
Tgt Ion: 99 Resp: 403542
Ion Ratio Lower Upper
99 100
42 14.9 14.2 21.4
71 39.5 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF126643.D
Acq: 24 Jan 2022 17:10

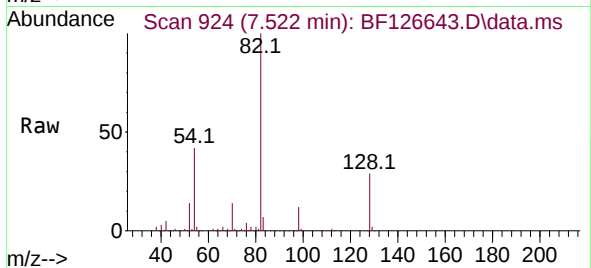
Tgt Ion: 77 Resp: 388
Ion Ratio Lower Upper
77 100
105 61.1 74.9 114.9#
106 0.0 72.4 112.4#



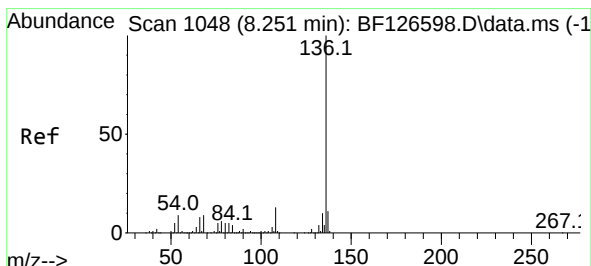
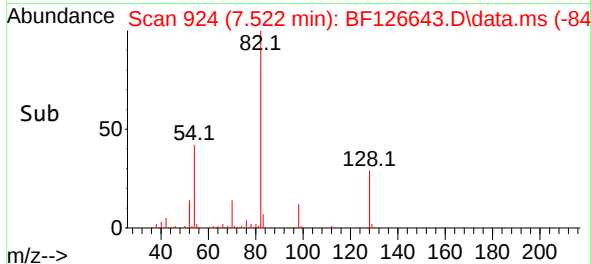
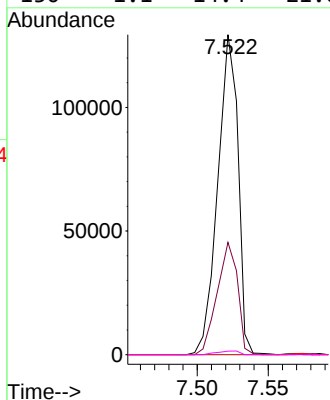


#19
n-Nitroso-di-n-propylamine
Concen: 15.383 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF126643.D
Acq: 24 Jan 2022 17:10

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

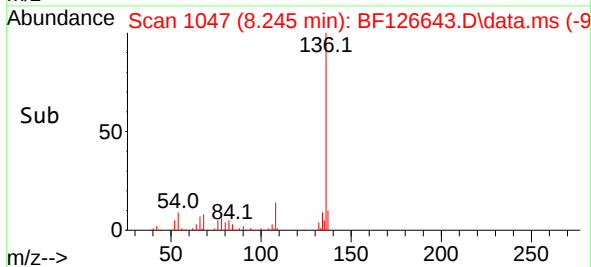
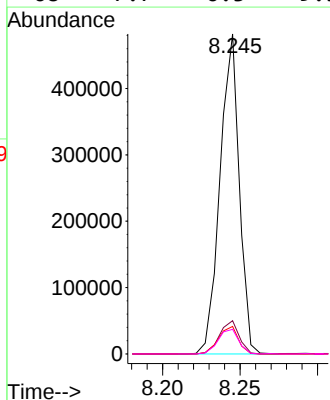
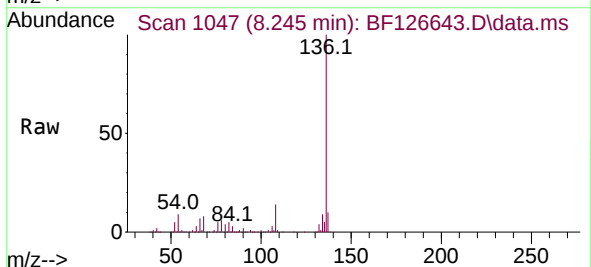


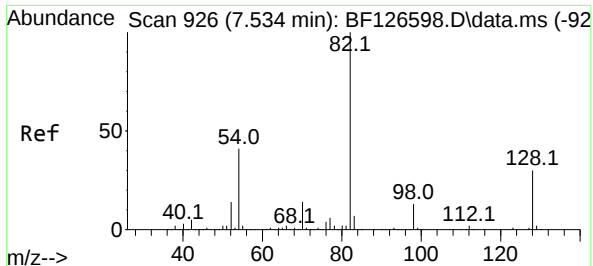
Tgt Ion: 70 Resp: 128126
Ion Ratio Lower Upper
70 100
42 35.1 45.8 68.8#
101 0.0 6.9 10.3#
130 1.1 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126643.D
Acq: 24 Jan 2022 17:10

Tgt Ion: 136 Resp: 415538
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.6 7.8 11.6
68 7.7 6.3 9.5

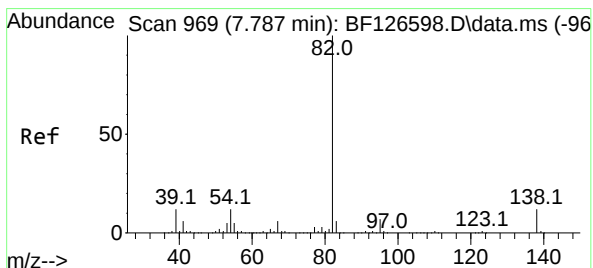
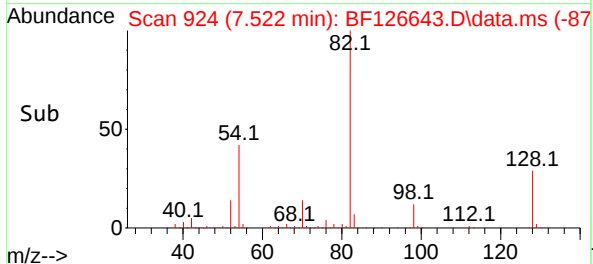
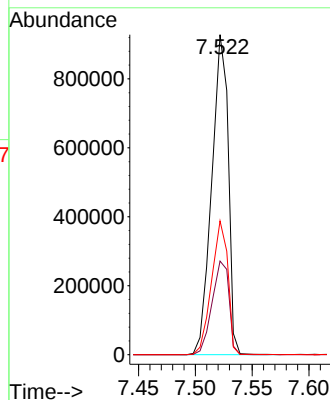
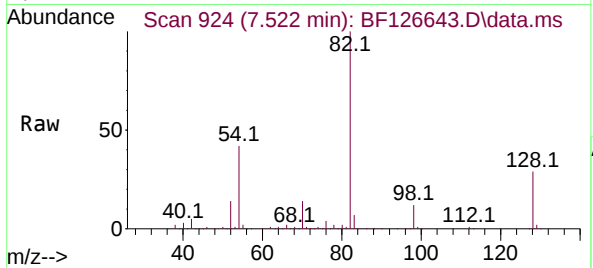




#23
Nitrobenzene-d5
Concen: 88.202 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126643.D
Acq: 24 Jan 2022 17:10

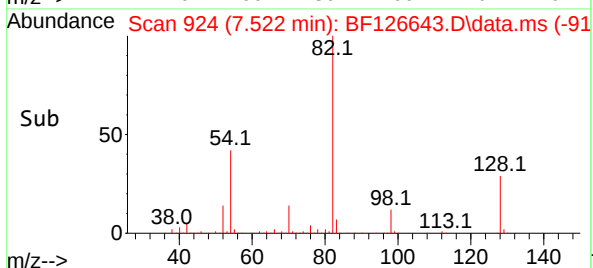
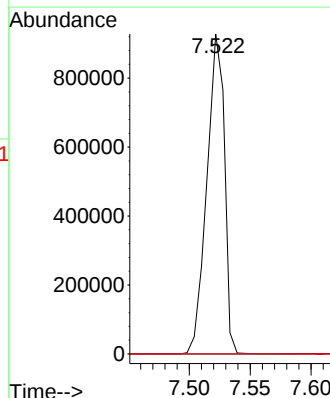
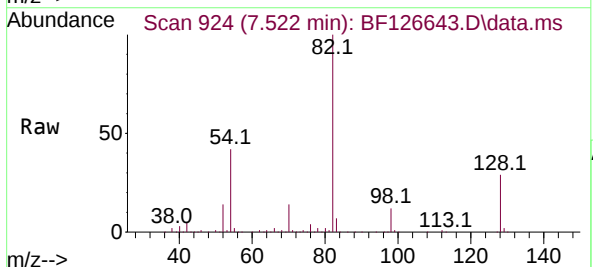
Instrument :
BNA_F
ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

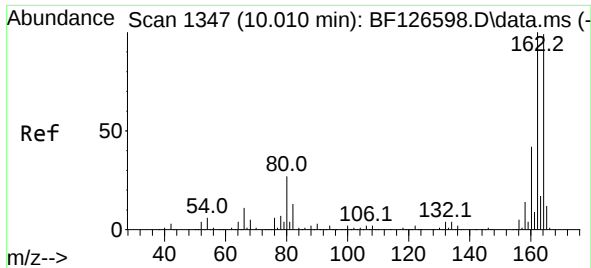
Tgt Ion: 82 Resp: 936389
Ion Ratio Lower Upper
82 100
128 29.3 32.7 49.1#
54 41.8 41.7 62.5



#25
Isophorone
Concen: 45.480 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF126643.D
Acq: 24 Jan 2022 17:10

Tgt Ion: 82 Resp: 936377
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

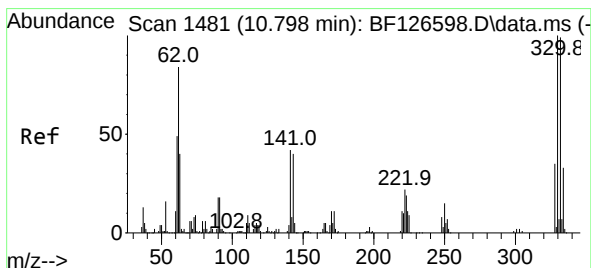
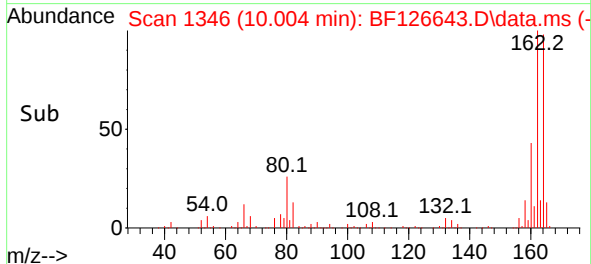
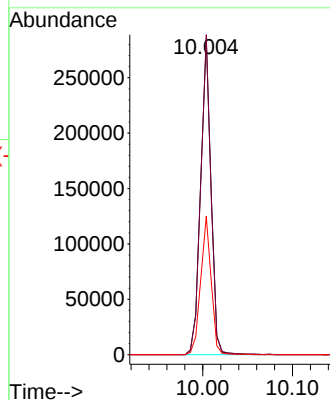
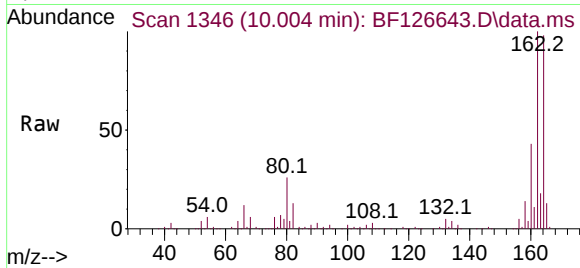




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126643.D
Acq: 24 Jan 2022 17:10

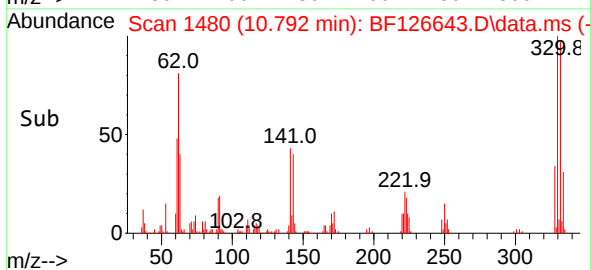
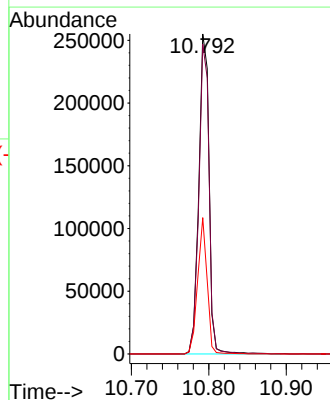
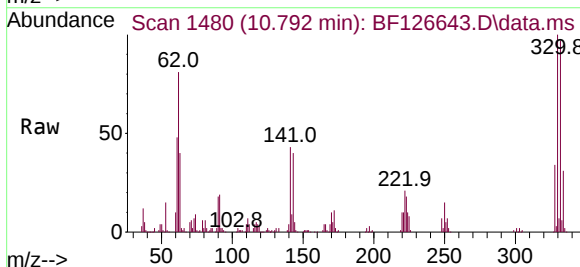
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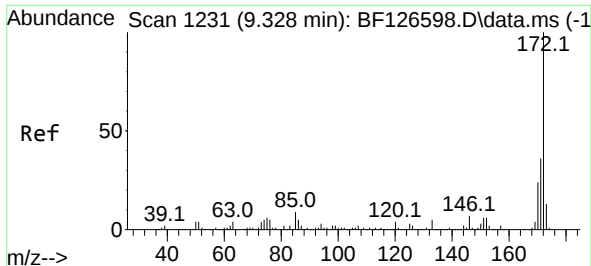
Tgt Ion:164 Resp: 229668
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 44.0 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 109.162 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF126643.D
Acq: 24 Jan 2022 17:10

Tgt Ion:330 Resp: 234625
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 39.1 30.1 45.1

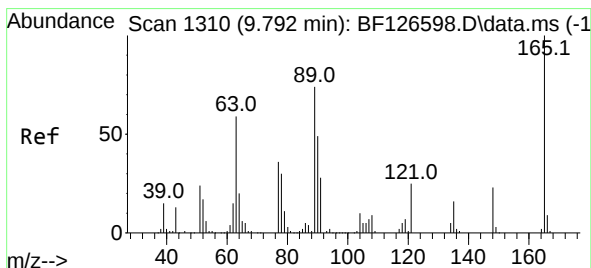
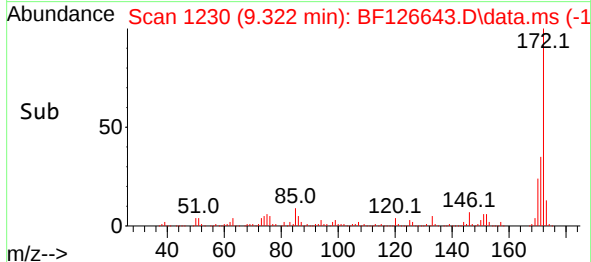
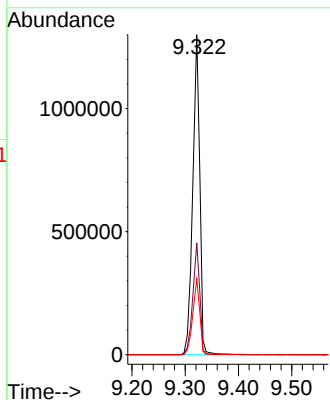
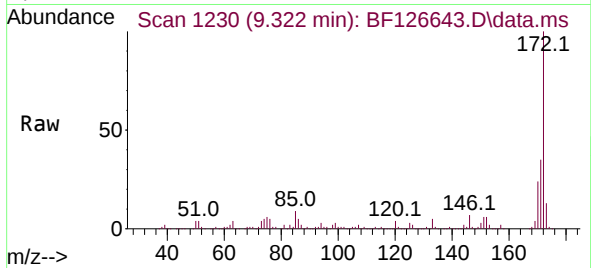




#45
2-Fluorobiphenyl
Concen: 79.844 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126643.D
Acq: 24 Jan 2022 17:10

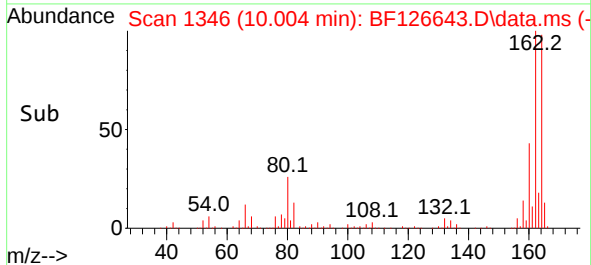
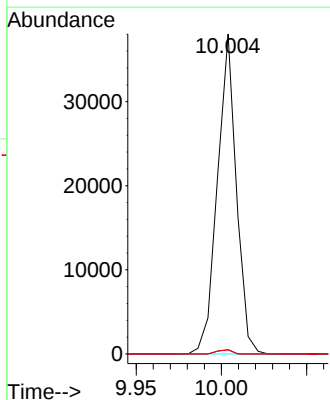
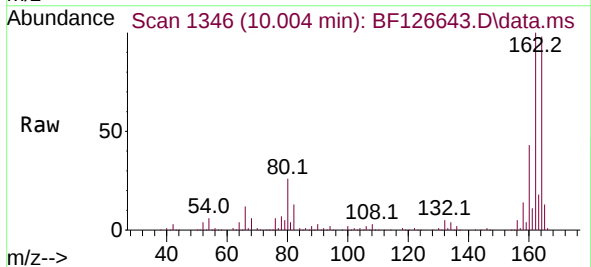
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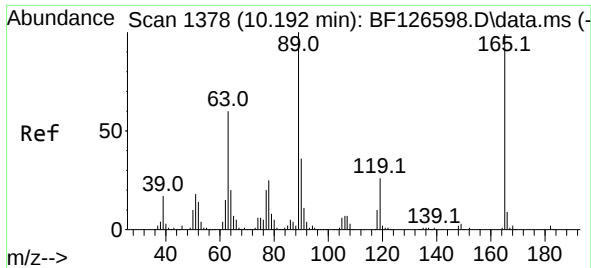
Tgt Ion:172 Resp: 1197371
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.7 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 10.465 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.212 min
Lab File: BF126643.D
Acq: 24 Jan 2022 17:10

Tgt Ion:165 Resp: 29458
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.3 50.5 75.7#

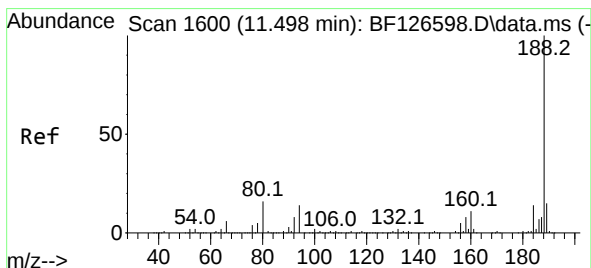
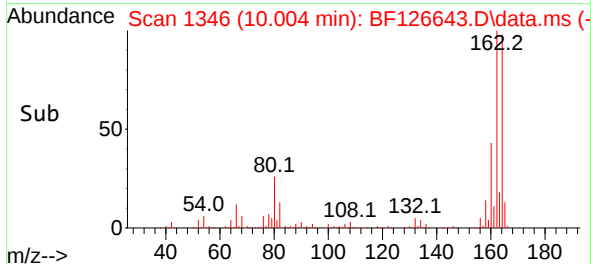
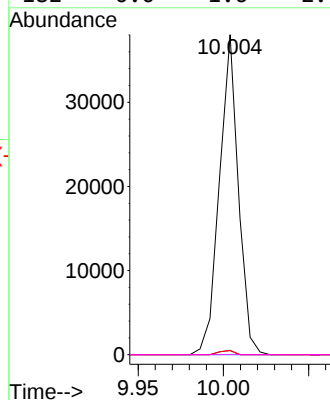
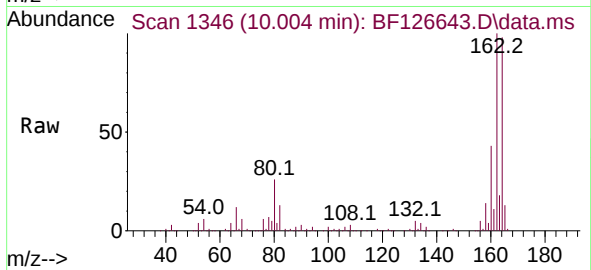




#57
2,4-Dinitrotoluene
Concen: 8.636 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126643.D
Acq: 24 Jan 2022 17:10

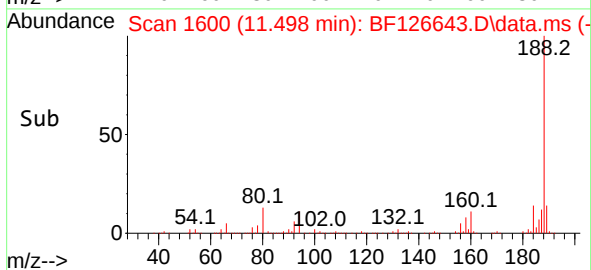
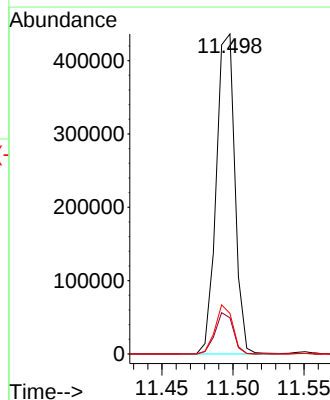
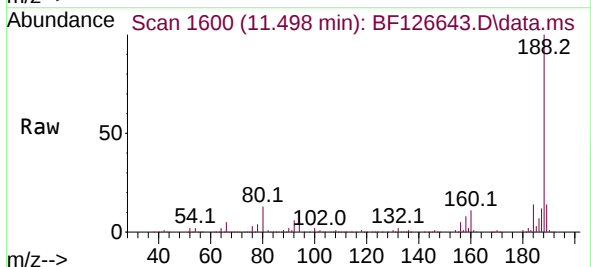
Instrument :
BNA_F
ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

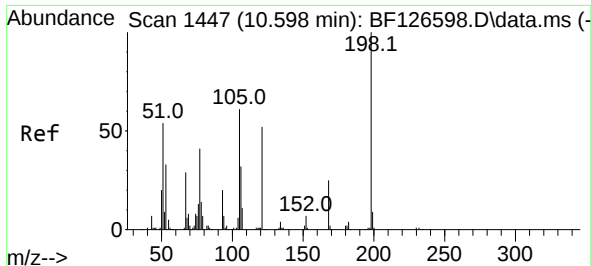
Tgt Ion:165 Resp: 29458
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BF126643.D
Acq: 24 Jan 2022 17:10

Tgt Ion:188 Resp: 397751
Ion Ratio Lower Upper
188 100
94 11.3 10.1 15.1
80 12.7 11.8 17.6





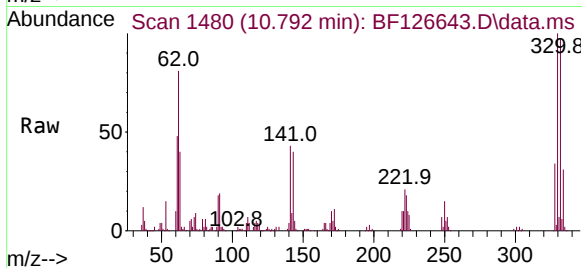
#65
4,6-Dinitro-2-methylphenol
Concen: 7.646 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126643.D
Acq: 24 Jan 2022 17:10

Instrument :

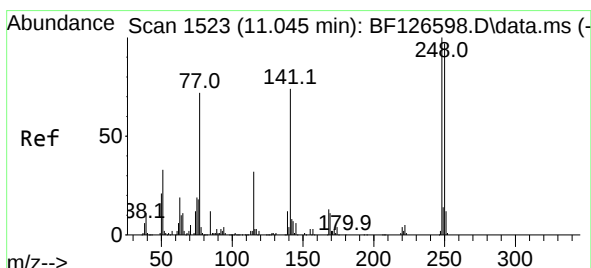
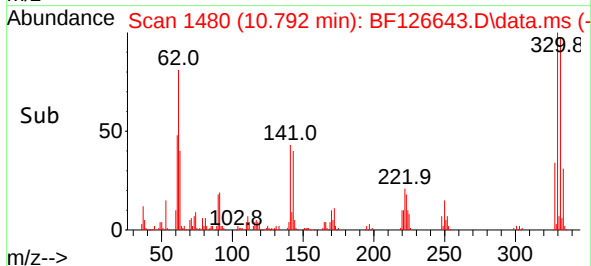
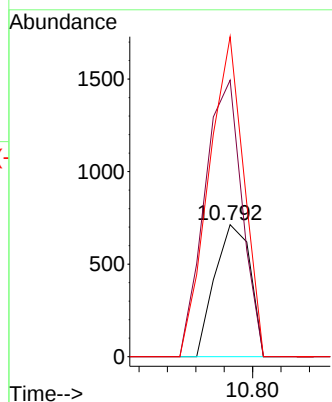
BNA_F

ClientSampleId :

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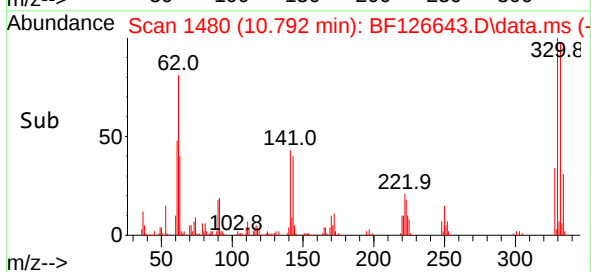
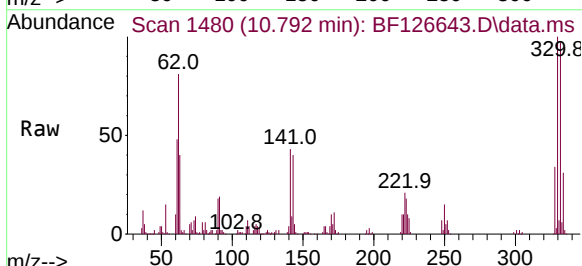
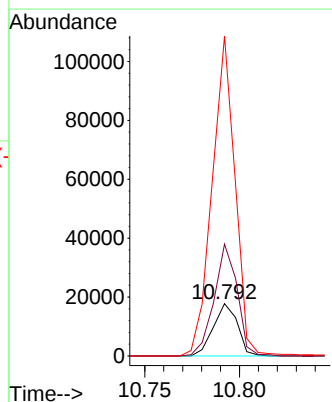


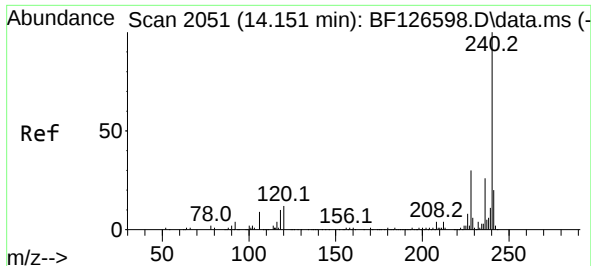
Tgt Ion:198 Resp: 617
Ion Ratio Lower Upper
198 100
51 209.5 32.0 72.0#
105 242.5 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 3.429 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.253 min
Lab File: BF126643.D
Acq: 24 Jan 2022 17:10

Tgt Ion:248 Resp: 15718
Ion Ratio Lower Upper
248 100
250 213.7 76.2 114.4#
141 611.1 66.2 99.4#

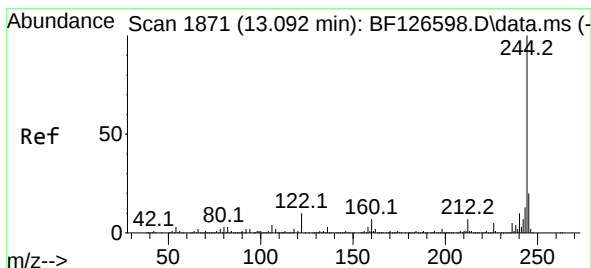
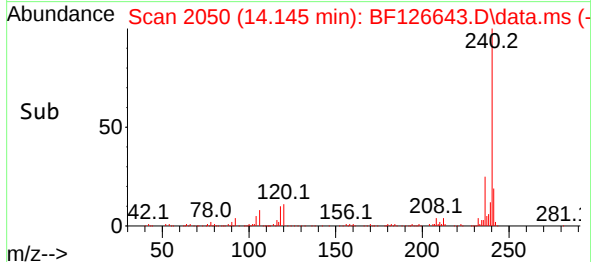
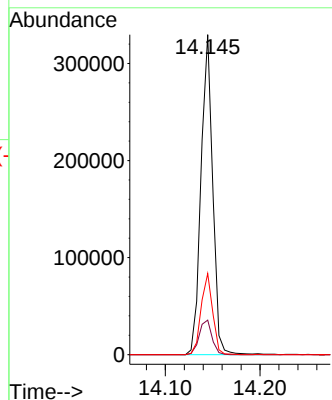
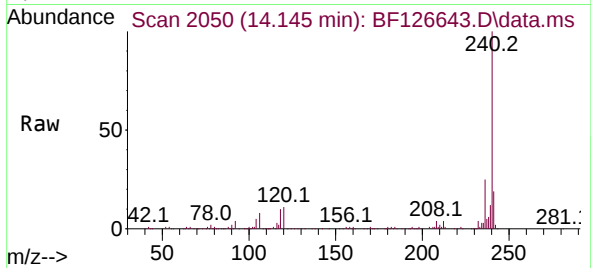




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126643.D
Acq: 24 Jan 2022 17:10

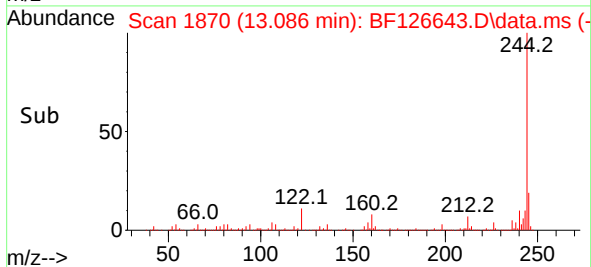
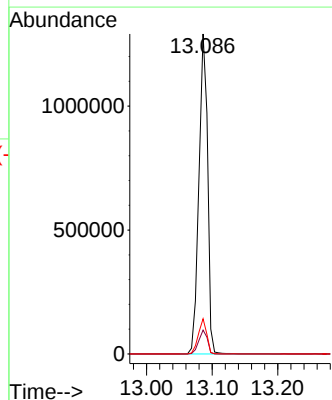
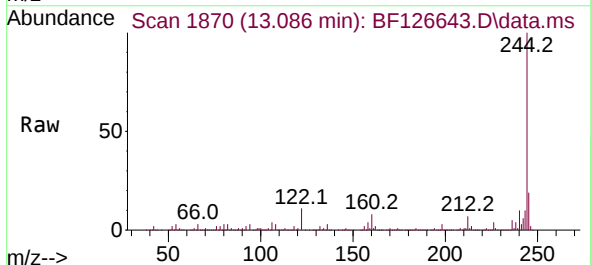
Instrument : BNA_F
ClientSampleId : 20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

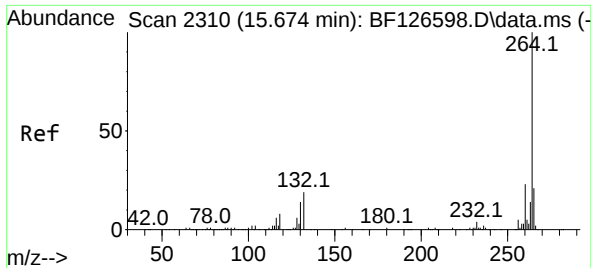
Tgt Ion:240 Resp: 283392
Ion Ratio Lower Upper
240 100
120 10.8 14.4 21.6#
236 25.3 20.5 30.7



#79
Terphenyl-d14
Concen: 70.572 ng
RT: 13.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF126643.D
Acq: 24 Jan 2022 17:10

Tgt Ion:244 Resp: 1192385
Ion Ratio Lower Upper
244 100
212 7.4 5.0 7.4
122 11.0 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.674 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF126643.D
Acq: 24 Jan 2022 17:10

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

Tgt Ion:264 Resp: 230278

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.2	17.4	26.2

