

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
 Data File : BF126642.D
 Acq On : 24 Jan 2022 16:44
 Operator : CG/JU
 Sample : N1210-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jan 25 03:13:21 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)

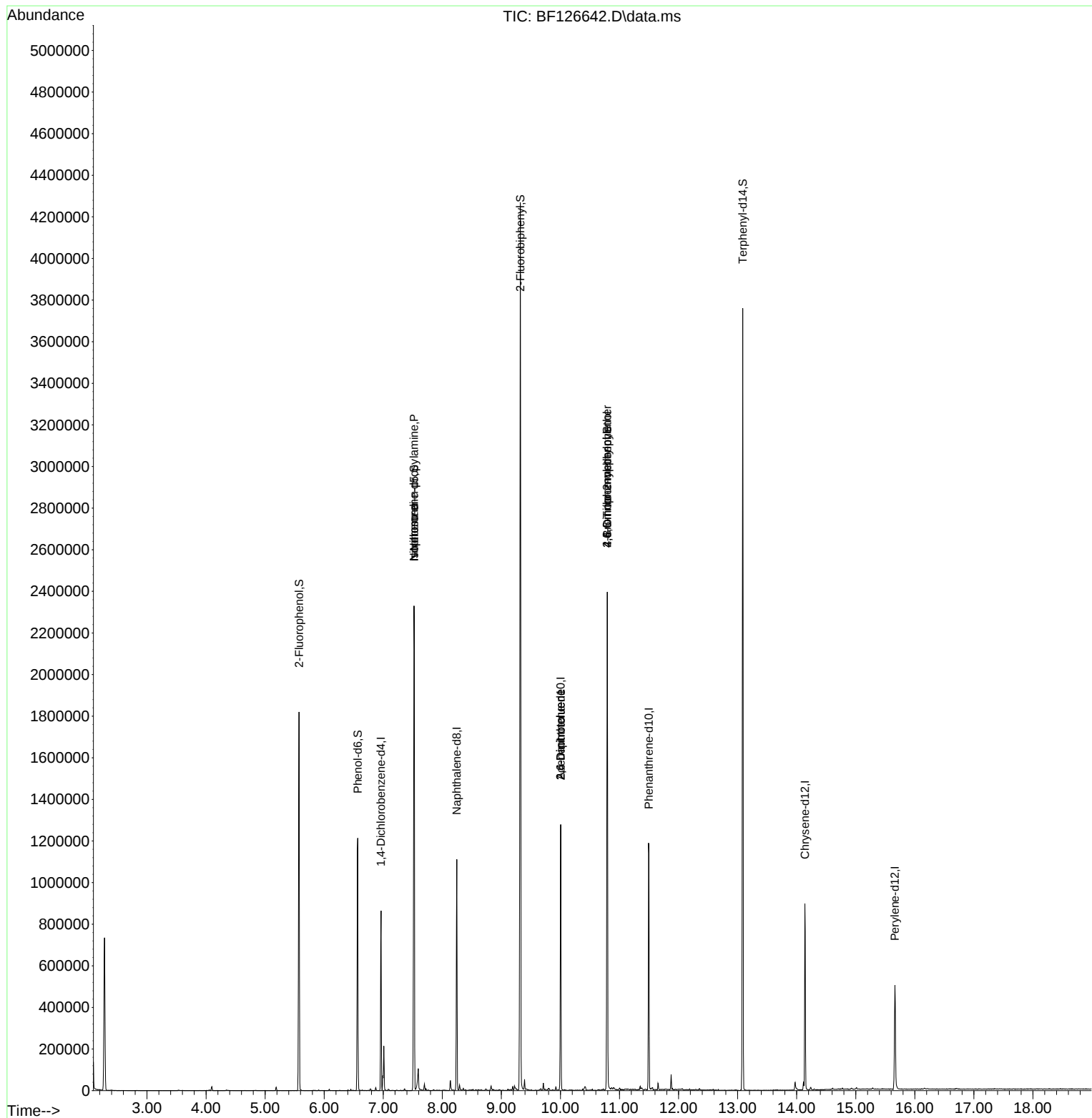
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	107859	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	417574	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	229190	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	399124	20.000	ng	0.00
76) Chrysene-d12	14.139	240	296244	20.000	ng	#-0.01
86) Perylene-d12	15.662	264	231336	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	422309	51.523	ng	0.00
7) Phenol-d6	6.569	99	397631	34.916	ng	-0.01
23) Nitrobenzene-d5	7.522	82	960648	90.046	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	232587	108.439	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1227440	82.020	ng	0.00
79) Terphenyl-d14	13.086	244	1208058	68.397	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	159	Below Cal	#	74
19) n-Nitroso-di-n-propyla...	7.522	70	131915	15.871	ng	# 70
25) Isophorone	7.522	82	960635	46.431	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	29084	10.354	ng	# 22
57) 2,4-Dinitrotoluene	10.004	165	29084	8.545	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.792	198	562	7.621	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	15344	3.336	ng	# 1

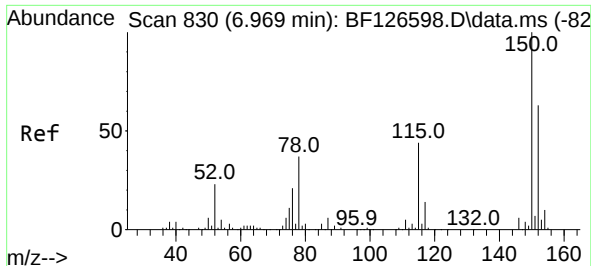
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
Data File : BF126642.D
Acq On : 24 Jan 2022 16:44
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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

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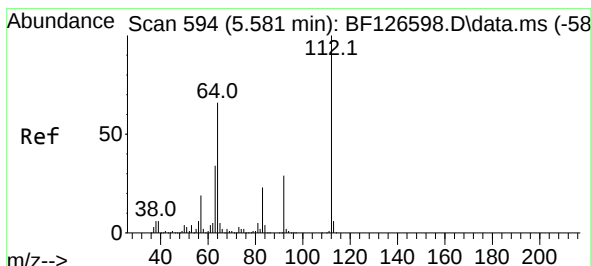
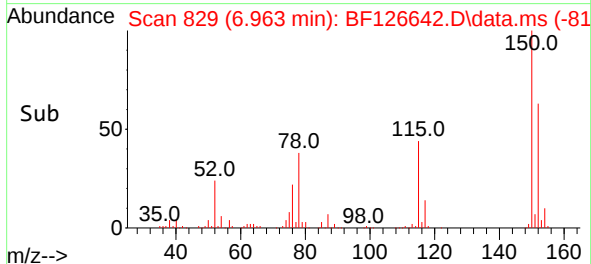
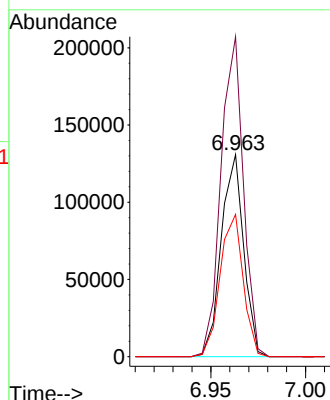
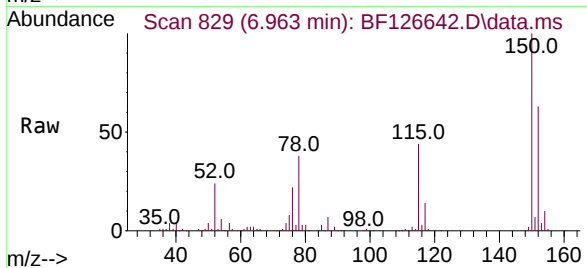




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126642.D
Acq: 24 Jan 2022 16:44

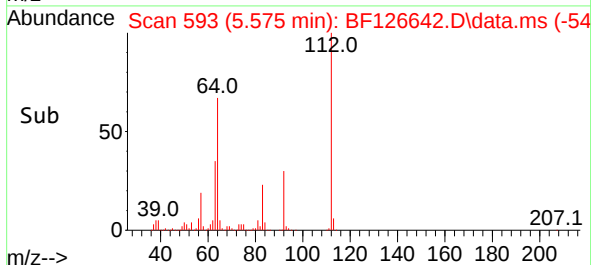
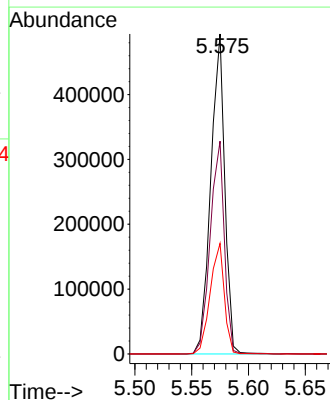
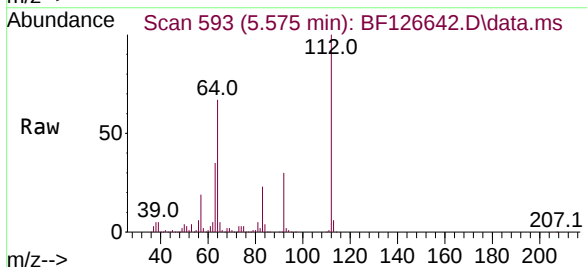
Instrument :
BNA_F
ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

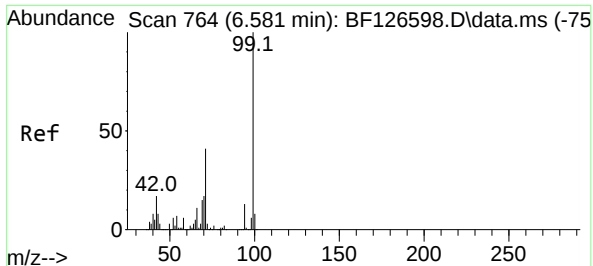
Tgt Ion:152 Resp: 107859
Ion Ratio Lower Upper
152 100
150 158.3 128.1 192.1
115 70.4 56.7 85.1



#5
2-Fluorophenol
Concen: 51.523 ng
RT: 5.575 min Scan# 593
Delta R.T. -0.006 min
Lab File: BF126642.D
Acq: 24 Jan 2022 16:44

Tgt Ion:112 Resp: 422309
Ion Ratio Lower Upper
112 100
64 66.5 49.5 74.3
63 34.6 23.9 35.9

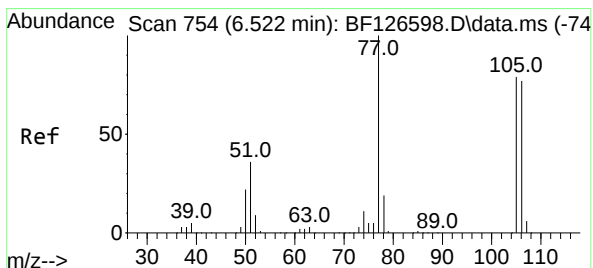
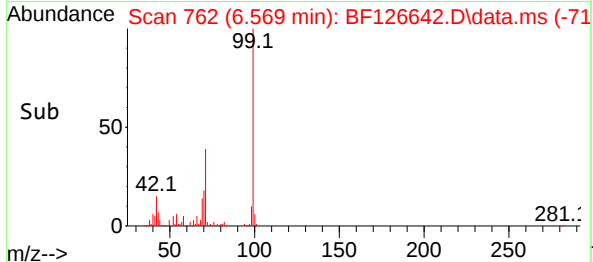
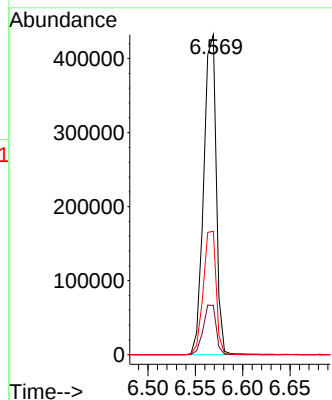
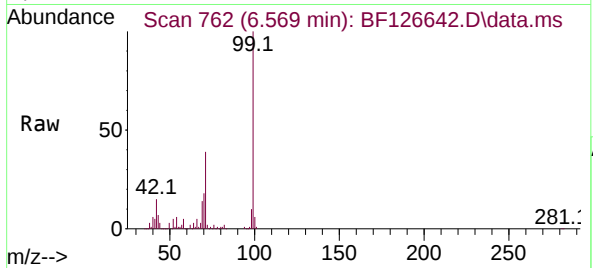




#7
Phenol-d6
Concen: 34.916 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF126642.D
Acq: 24 Jan 2022 16:44

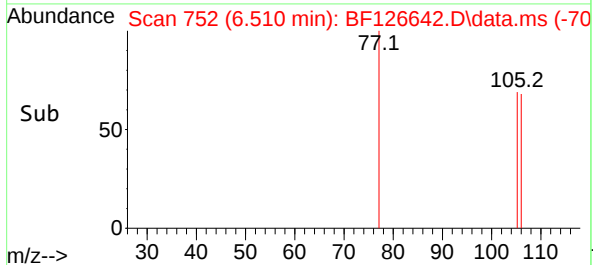
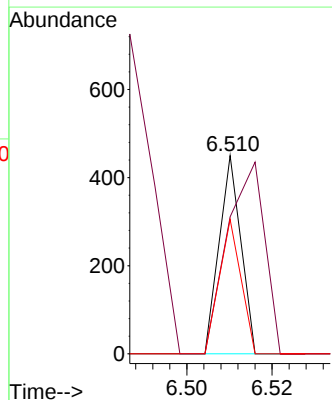
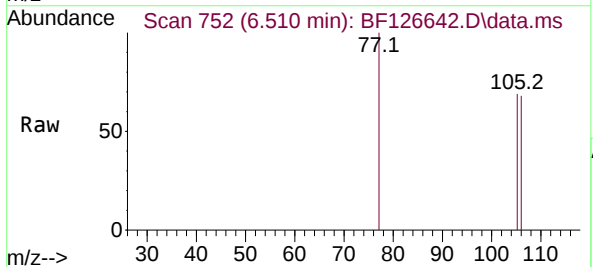
Instrument :
BNA_F
ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

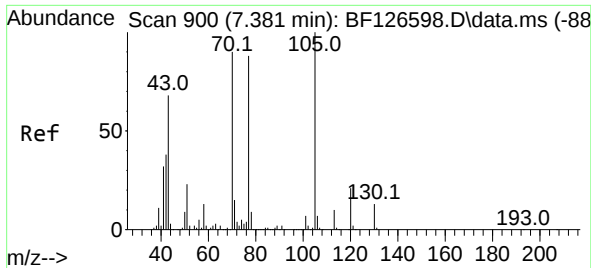
Tgt Ion: 99 Resp: 397631
Ion Ratio Lower Upper
99 100
42 15.4 14.2 21.4
71 38.6 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF126642.D
Acq: 24 Jan 2022 16:44

Tgt Ion: 77 Resp: 159
Ion Ratio Lower Upper
77 100
105 69.1 74.9 114.9#
106 67.8 72.4 112.4#

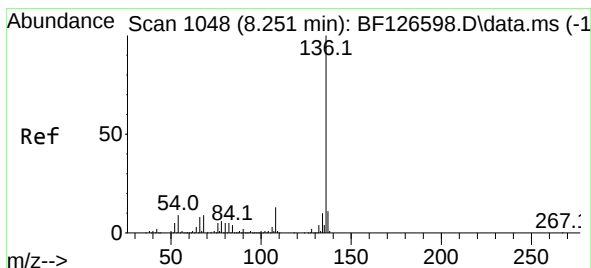
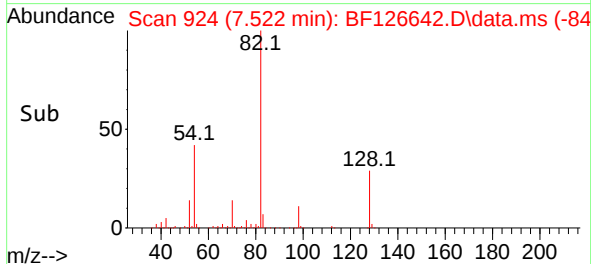
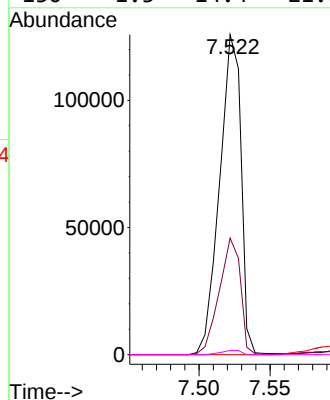
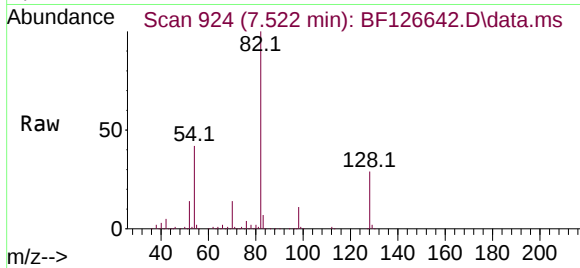




#19
n-Nitroso-di-n-propylamine
Concen: 15.871 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF126642.D
Acq: 24 Jan 2022 16:44

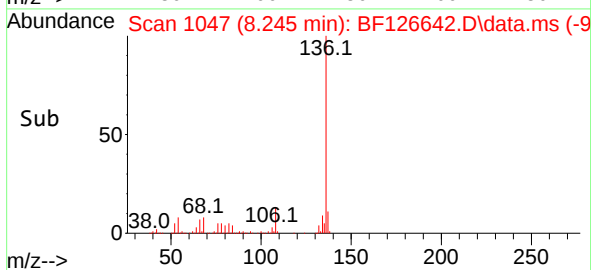
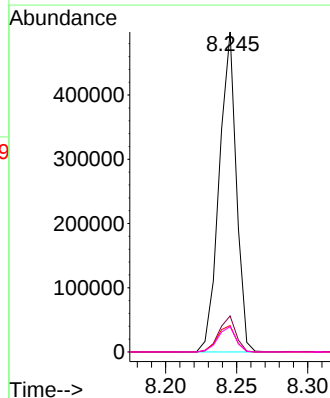
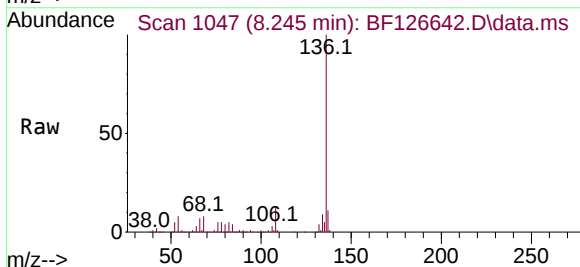
Instrument :
BNA_F
ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

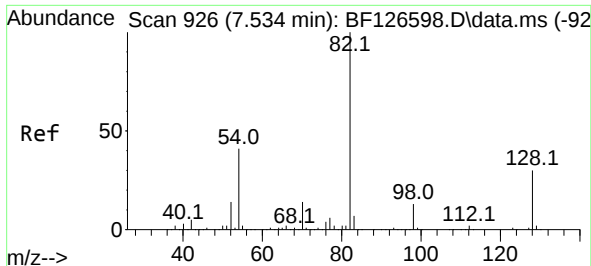
Tgt Ion: 70 Resp: 131915
Ion Ratio Lower Upper
70 100
42 36.5 45.8 68.8#
101 0.0 6.9 10.3#
130 1.3 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126642.D
Acq: 24 Jan 2022 16:44

Tgt Ion: 136 Resp: 417574
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.3 7.8 11.6
68 7.9 6.3 9.5

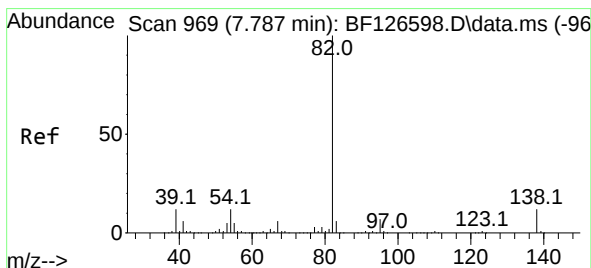
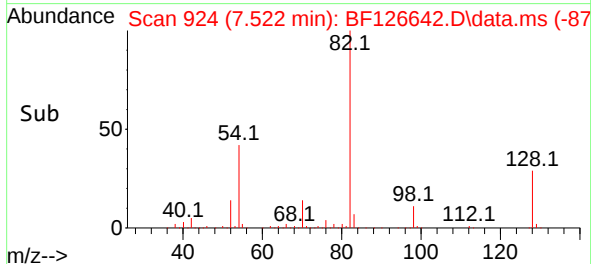
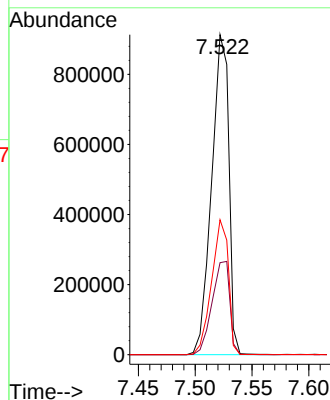
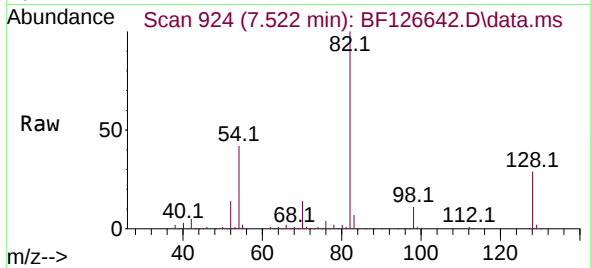




#23
Nitrobenzene-d5
Concen: 90.046 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126642.D
Acq: 24 Jan 2022 16:44

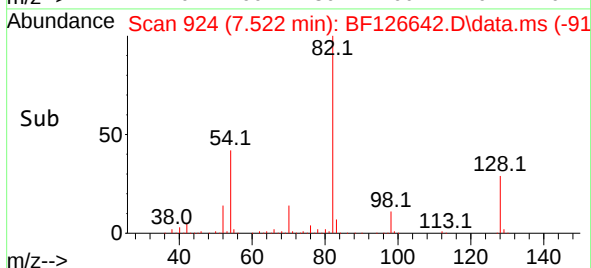
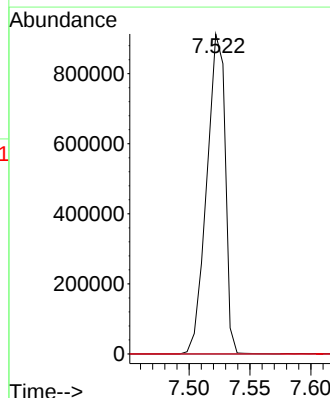
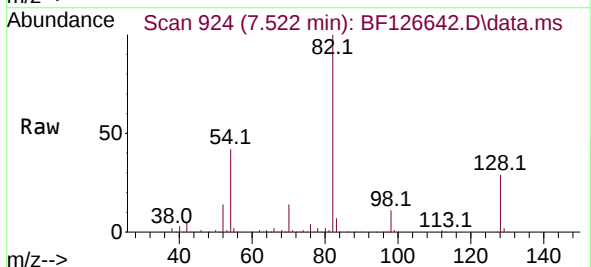
Instrument :
BNA_F
ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

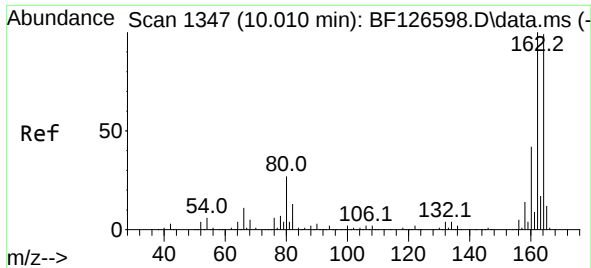
Tgt Ion: 82 Resp: 960648
Ion Ratio Lower Upper
82 100
128 28.8 32.7 49.1#
54 42.2 41.7 62.5



#25
Isophorone
Concen: 46.431 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF126642.D
Acq: 24 Jan 2022 16:44

Tgt Ion: 82 Resp: 960635
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

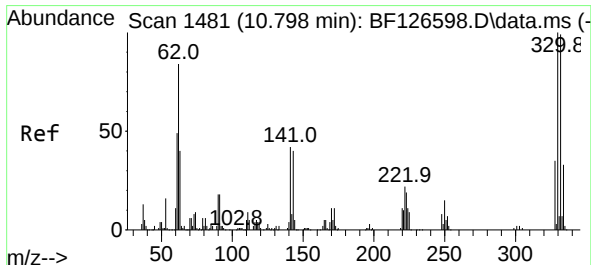
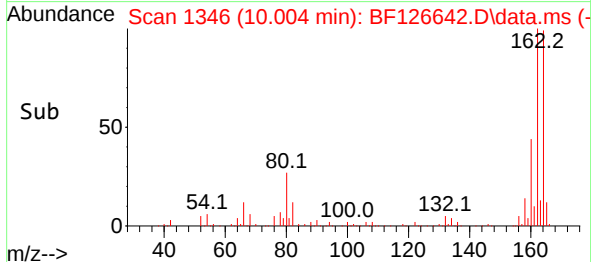
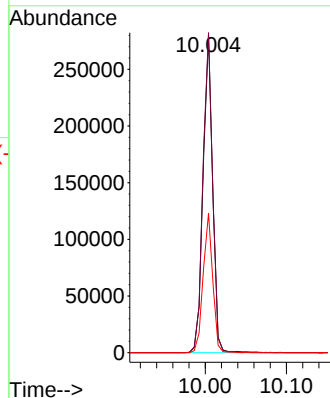
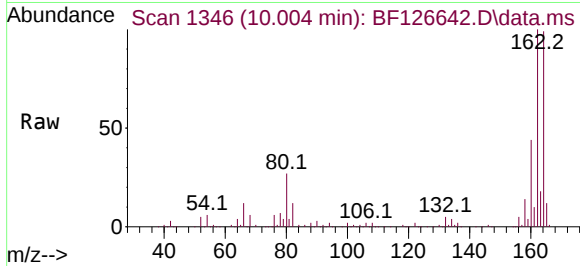




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126642.D
Acq: 24 Jan 2022 16:44

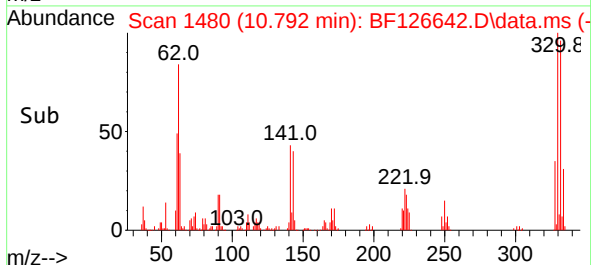
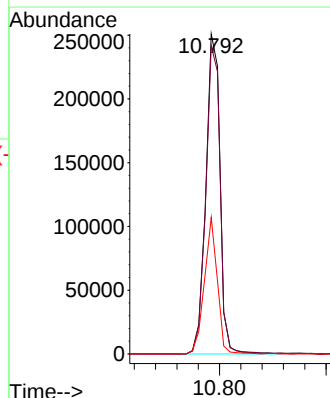
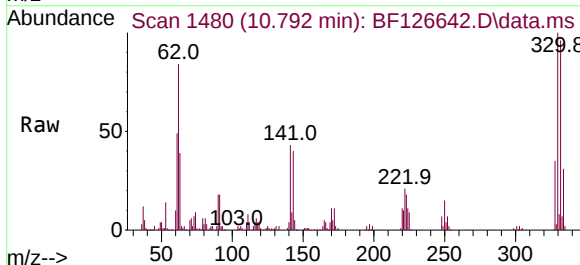
Instrument :
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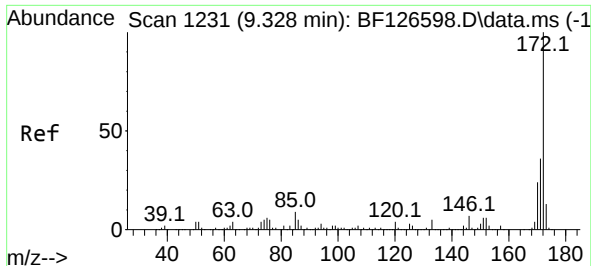
Tgt Ion:164 Resp: 229190
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 43.9 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 108.439 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF126642.D
Acq: 24 Jan 2022 16:44

Tgt Ion:330 Resp: 232587
Ion Ratio Lower Upper
330 100
332 97.5 76.0 114.0
141 38.9 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 82.020 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126642.D

Acq: 24 Jan 2022 16:44

Instrument :

BNA_F

ClientSampleId :

20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

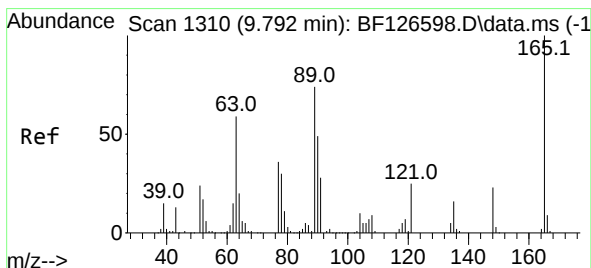
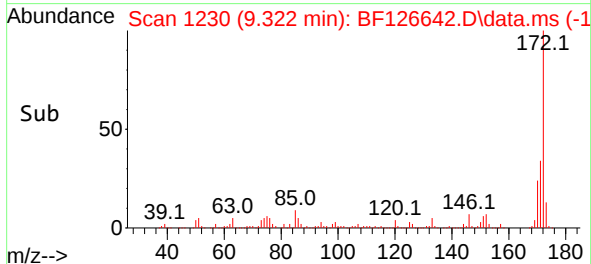
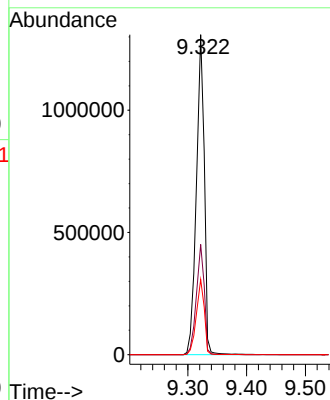
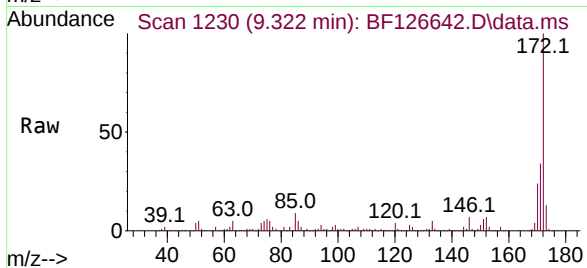
Tgt Ion:172 Resp: 1227440

Ion Ratio Lower Upper

172 100

171 34.4 28.3 42.5

170 23.5 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.354 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126642.D

Acq: 24 Jan 2022 16:44

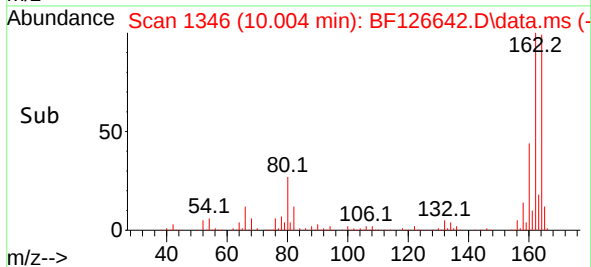
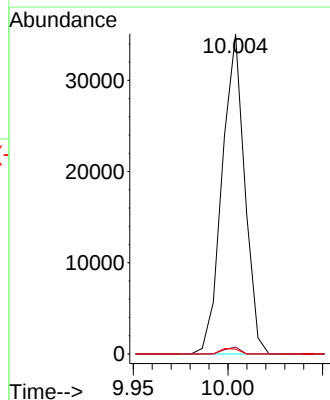
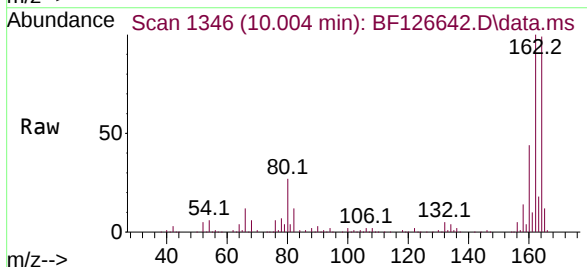
Tgt Ion:165 Resp: 29084

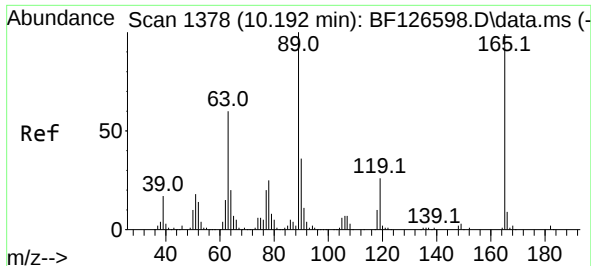
Ion Ratio Lower Upper

165 100

63 2.1 48.4 72.6#

89 1.5 50.5 75.7#

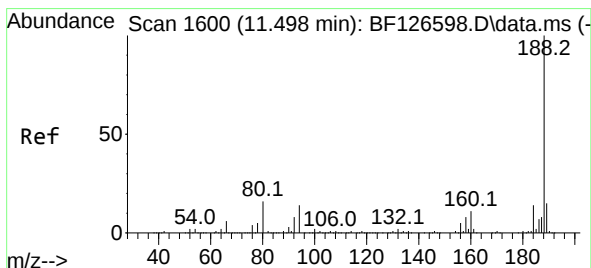
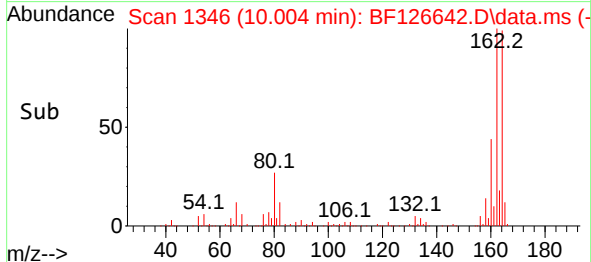
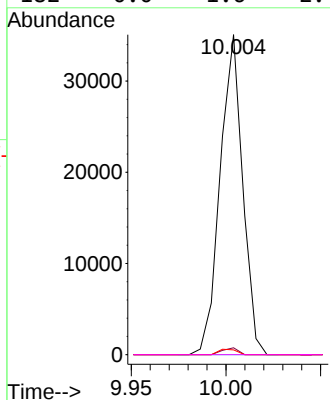
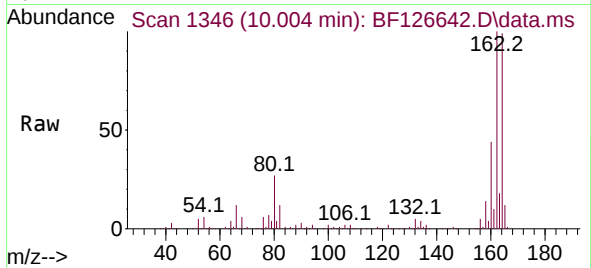




#57
2,4-Dinitrotoluene
Concen: 8.545 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126642.D
Acq: 24 Jan 2022 16:44

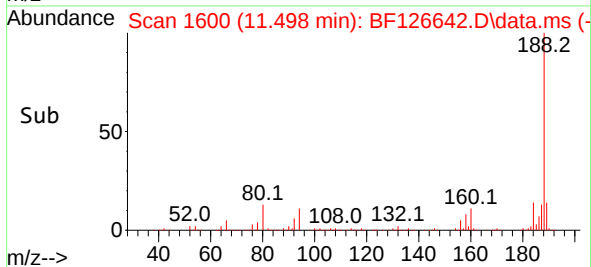
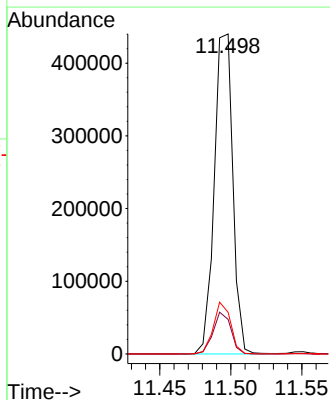
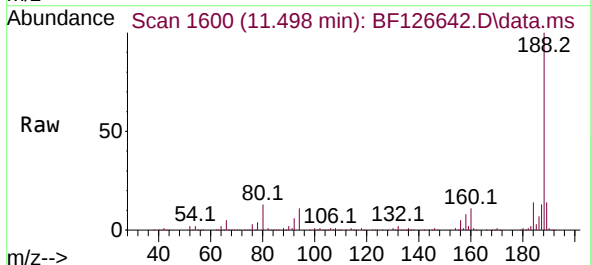
Instrument :
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20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

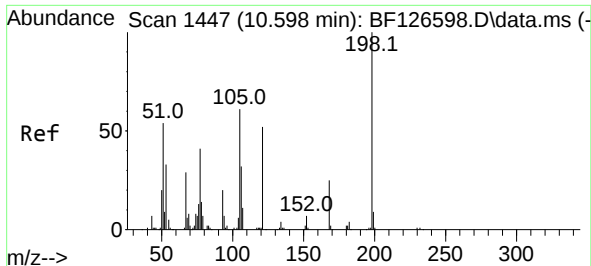
Tgt Ion:165 Resp: 29084
Ion Ratio Lower Upper
165 100
63 2.1 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF126642.D
Acq: 24 Jan 2022 16:44

Tgt Ion:188 Resp: 399124
Ion Ratio Lower Upper
188 100
94 10.8 10.1 15.1
80 13.0 11.8 17.6

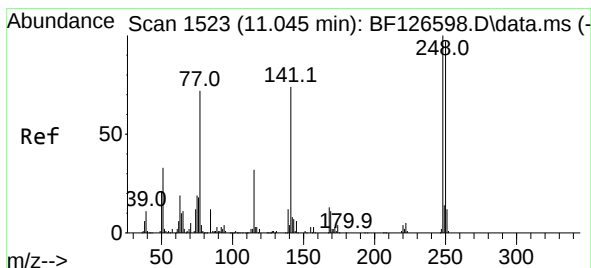
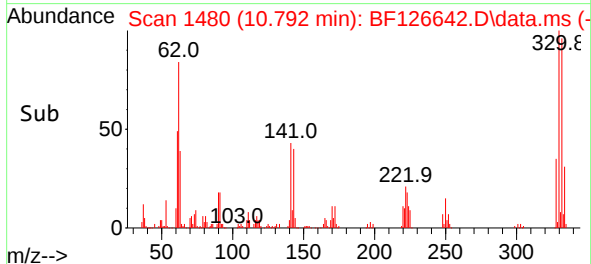
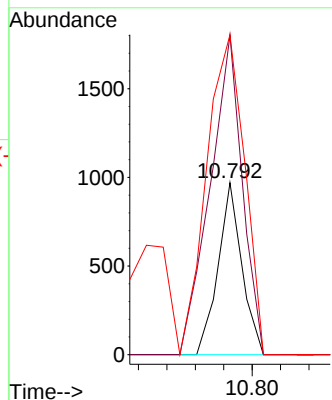
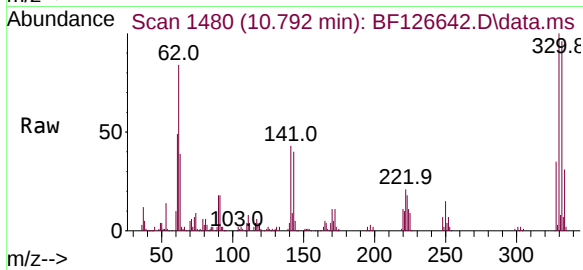




#65
4,6-Dinitro-2-methylphenol
Concen: 7.621 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126642.D
Acq: 24 Jan 2022 16:44

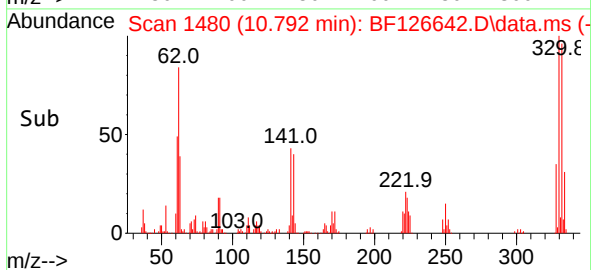
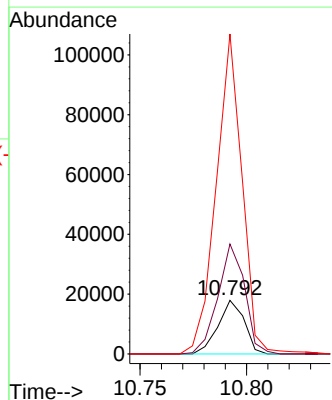
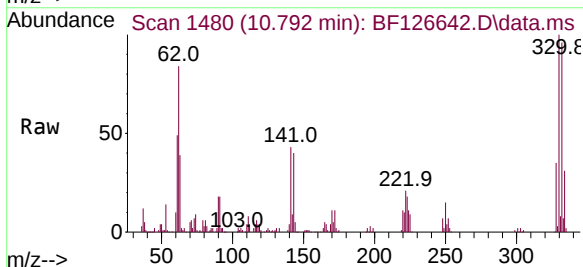
Instrument :
BNA_F
ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

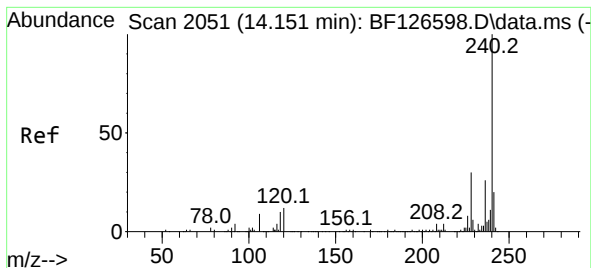
Tgt Ion:198 Resp: 562
Ion Ratio Lower Upper
198 100
51 185.8 32.0 72.0#
105 186.1 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 3.336 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.253 min
Lab File: BF126642.D
Acq: 24 Jan 2022 16:44

Tgt Ion:248 Resp: 15344
Ion Ratio Lower Upper
248 100
250 205.1 76.2 114.4#
141 596.8 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 2049

Delta R.T. -0.012 min

Lab File: BF126642.D

Acq: 24 Jan 2022 16:44

Instrument :

BNA_F

ClientSampleId :

20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

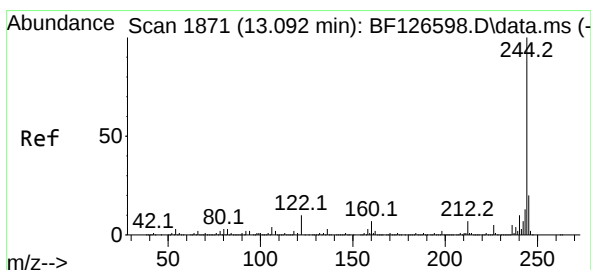
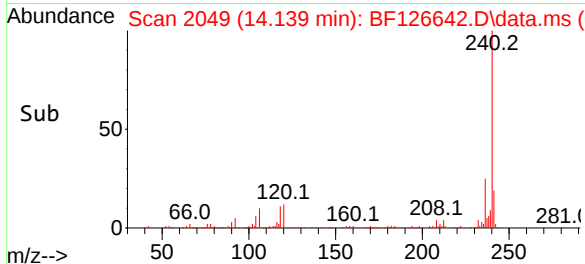
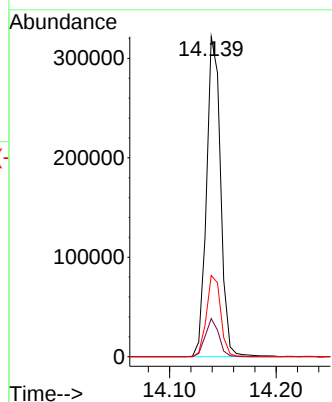
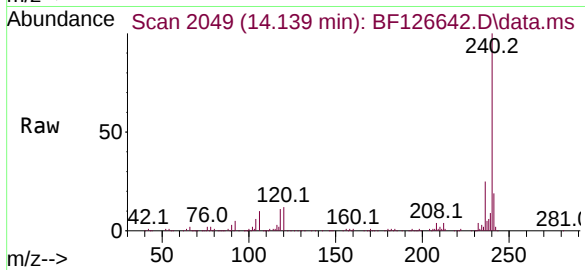
Tgt Ion:240 Resp: 296244

Ion Ratio Lower Upper

240 100

120 11.9 14.4 21.6#

236 25.4 20.5 30.7



#79

Terphenyl-d14

Concen: 68.397 ng

RT: 13.086 min Scan# 1870

Delta R.T. -0.006 min

Lab File: BF126642.D

Acq: 24 Jan 2022 16:44

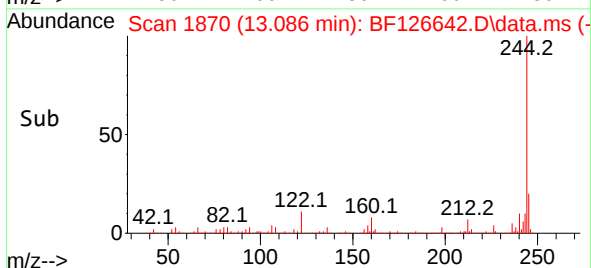
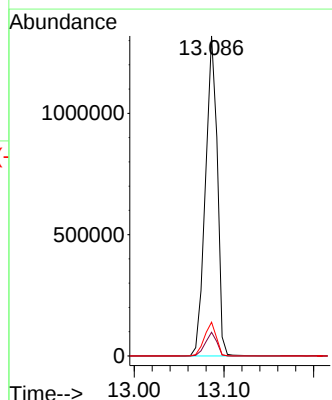
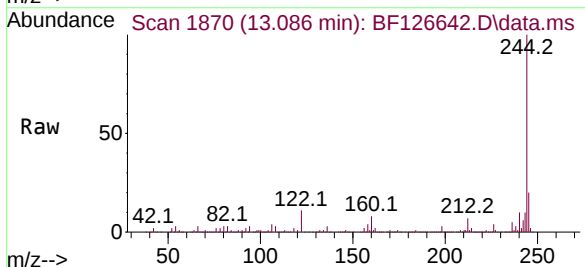
Tgt Ion:244 Resp: 1208058

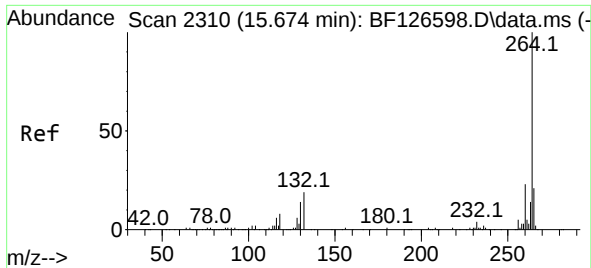
Ion Ratio Lower Upper

244 100

212 7.4 5.0 7.4

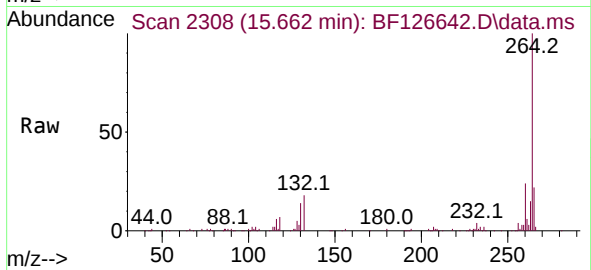
122 10.5 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF126642.D
 Acq: 24 Jan 2022 16:44

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



Tgt Ion:264 Resp: 231336
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.0 17.4 26.2

