

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011122\
 Data File : BF126587.D
 Acq On : 11 Jan 2022 13:00
 Operator : JU/CG
 Sample : N1054-11RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220021-CAPE-3-MODIFIED-ELUTRIATE

Quant Time: Jan 11 14:08:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 10 14:50:31 2022
 Response via : Initial Calibration

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

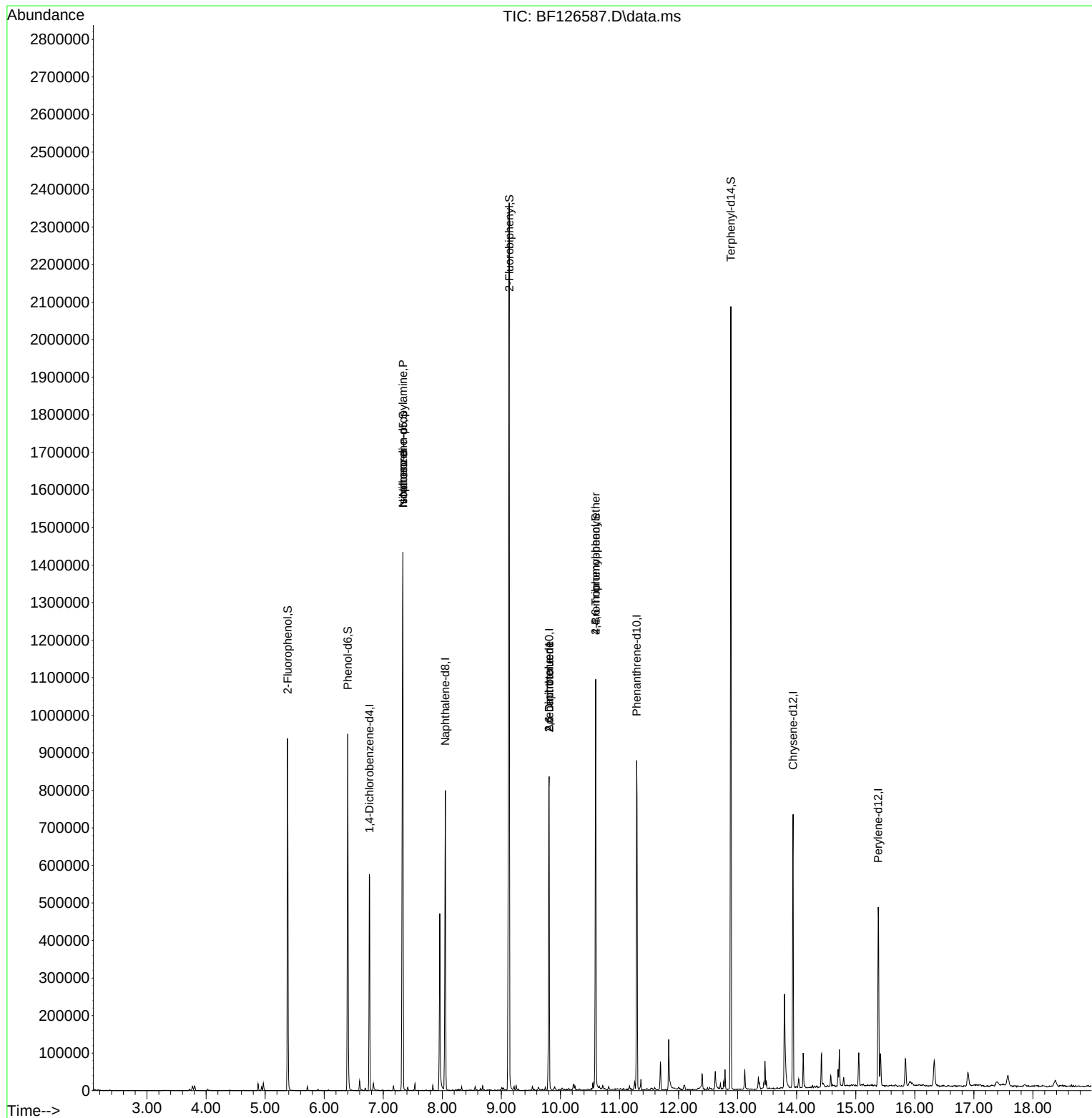
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	91880	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	396042	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	197560	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	328992	20.000	ng	0.00
76) Chrysene-d12	13.939	240	243378	20.000	ng	# 0.00
86) Perylene-d12	15.380	264	207859	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	247775	38.727	ng	0.00
7) Phenol-d6	6.398	99	319831	38.595	ng	-0.01
23) Nitrobenzene-d5	7.334	82	588790	76.336	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	140507	92.037	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	889114	79.196	ng	0.00
79) Terphenyl-d14	12.886	244	706355	56.390	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	75773	16.024	ng	# 78
25) Isophorone	7.334	82	586703	42.491	ng	# 69
51) 2,6-Dinitrotoluene	9.810	165	25594	9.609	ng	# 20
57) 2,4-Dinitrotoluene	9.810	165	25594	7.448	ng	# 14
67) 4-Bromophenyl-phenylether	10.598	248	7204	2.467	ng	# 1
77) Benzydine	12.886	184	8846	Below Cal		# 93

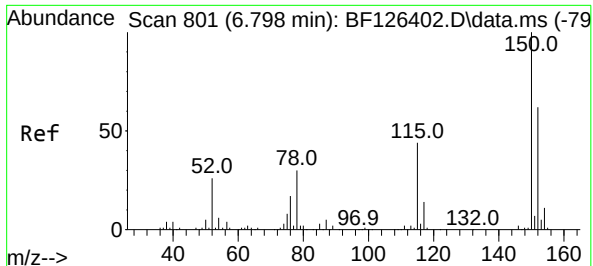
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 11 14:08:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 14:50:31 2022
Response via : Initial Calibration

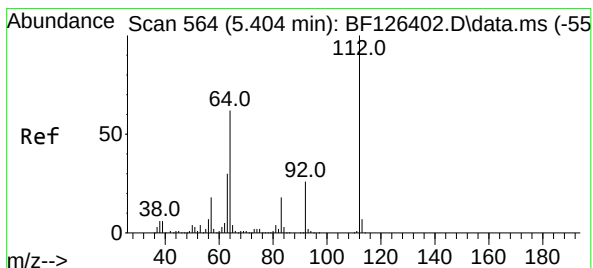
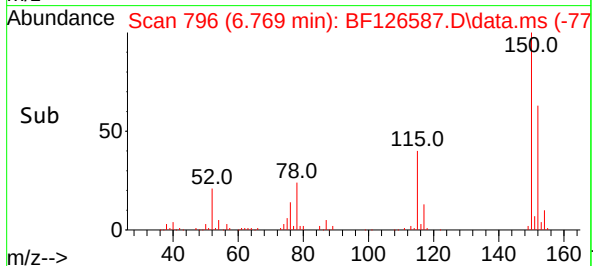
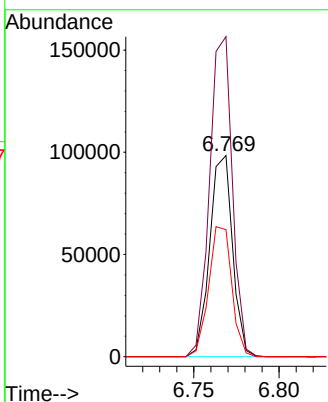
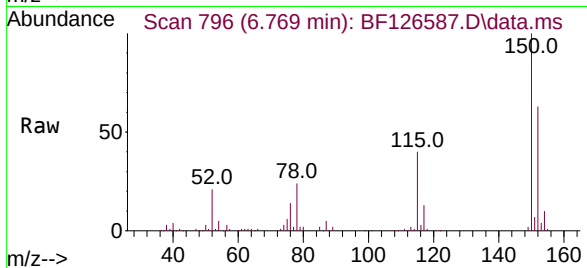




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF126587.D
Acq: 11 Jan 2022 13:00

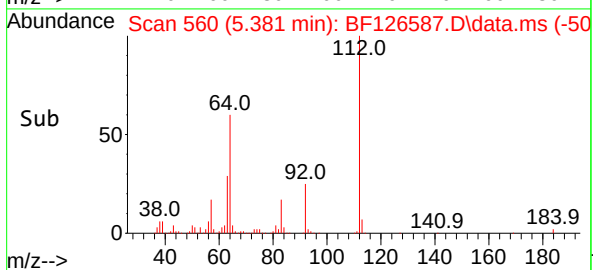
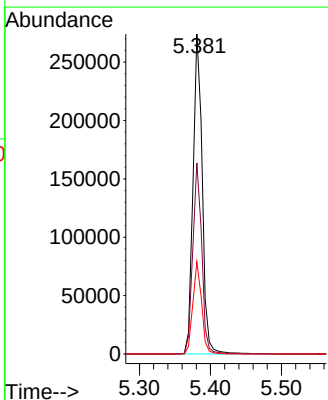
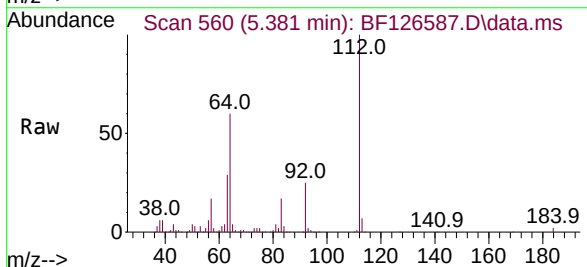
Instrument :
BNA_F
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20220021-CAPE-3-MODIFIED-ELUTRIATE

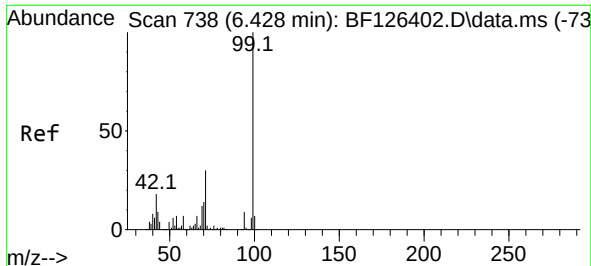
Tgt Ion:152 Resp: 91880
Ion Ratio Lower Upper
152 100
150 159.1 128.1 192.1
115 63.2 56.7 85.1



#5
2-Fluorophenol
Concen: 38.727 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.000 min
Lab File: BF126587.D
Acq: 11 Jan 2022 13:00

Tgt Ion:112 Resp: 247775
Ion Ratio Lower Upper
112 100
64 59.7 49.5 74.3
63 28.8 23.9 35.9

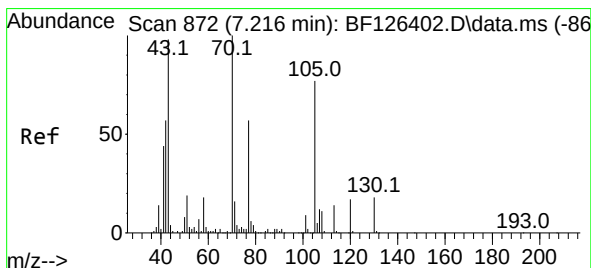
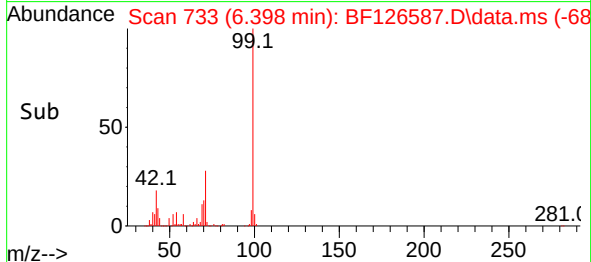
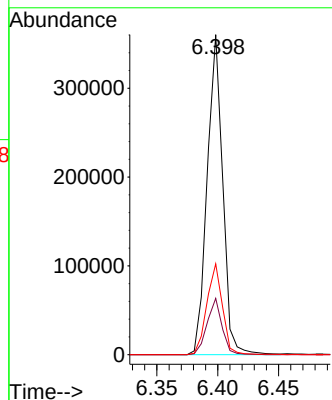
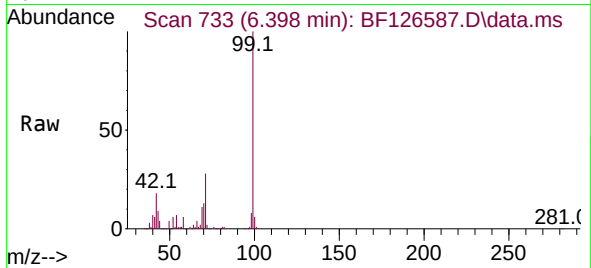




#7
Phenol-d6
Concen: 38.595 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126587.D
Acq: 11 Jan 2022 13:00

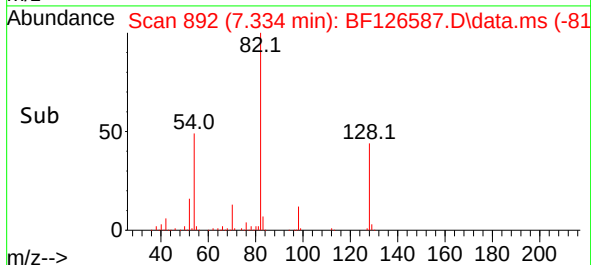
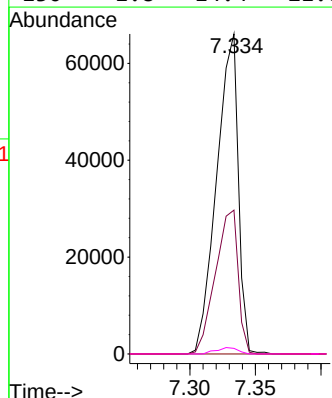
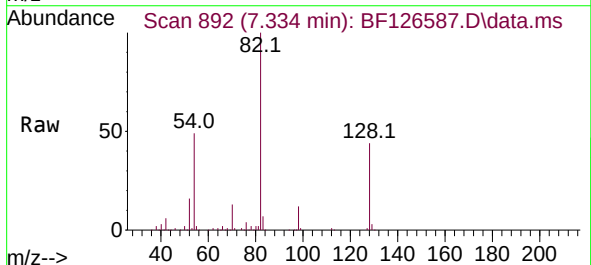
Instrument :
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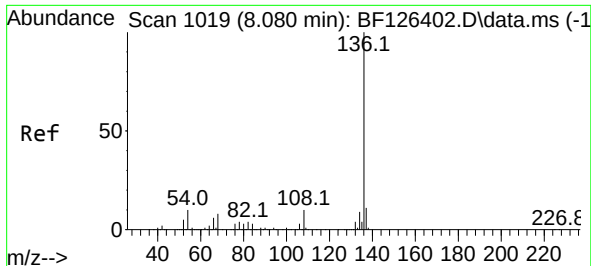
Tgt Ion: 99 Resp: 319831
Ion Ratio Lower Upper
99 100
42 17.6 14.2 21.4
71 28.4 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.024 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF126587.D
Acq: 11 Jan 2022 13:00

Tgt Ion: 70 Resp: 75773
Ion Ratio Lower Upper
70 100
42 45.0 45.8 68.8#
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

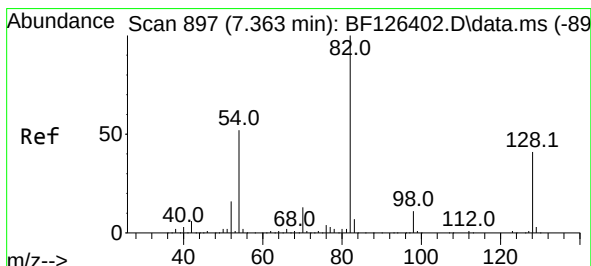
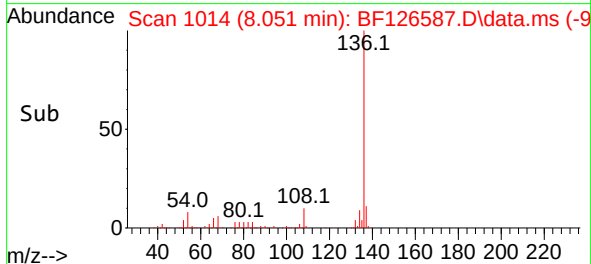
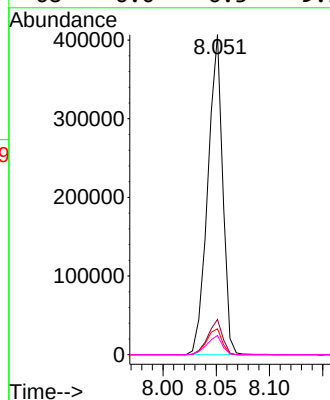
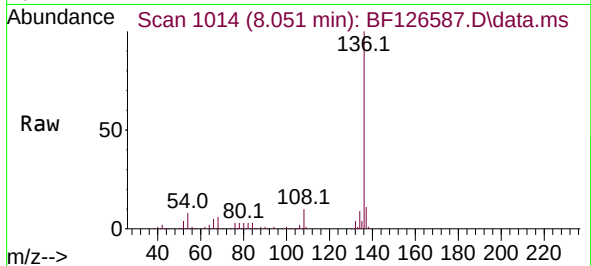




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126587.D
Acq: 11 Jan 2022 13:00

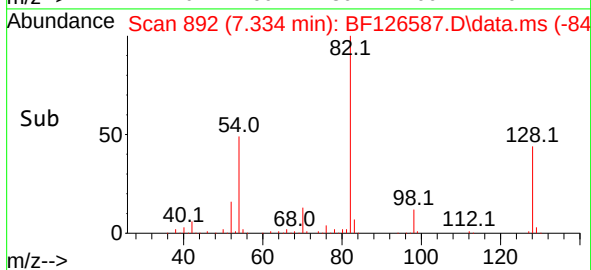
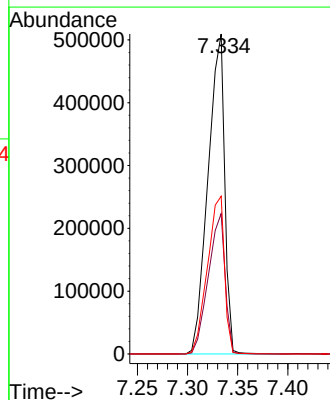
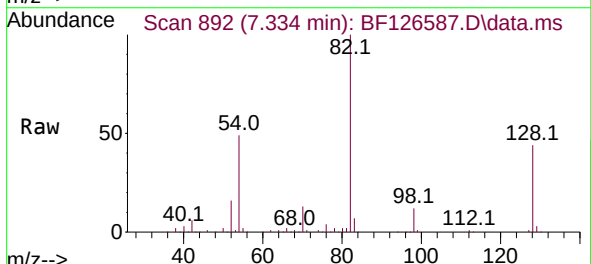
Instrument :
BNA_F
ClientSampleId :
20220021-CAPE-3-MODIFIED-ELUTRIATE

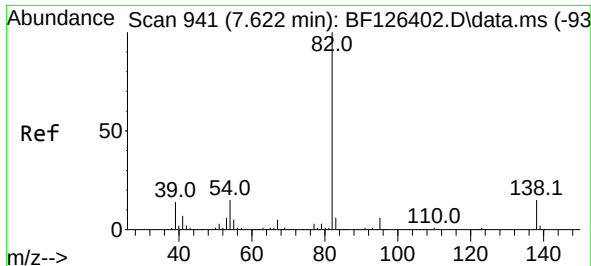
Tgt Ion:136 Resp: 396042
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.1 7.8 11.6
68 6.0 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 76.336 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF126587.D
Acq: 11 Jan 2022 13:00

Tgt Ion: 82 Resp: 588790
Ion Ratio Lower Upper
82 100
128 43.9 32.7 49.1
54 49.3 41.7 62.5

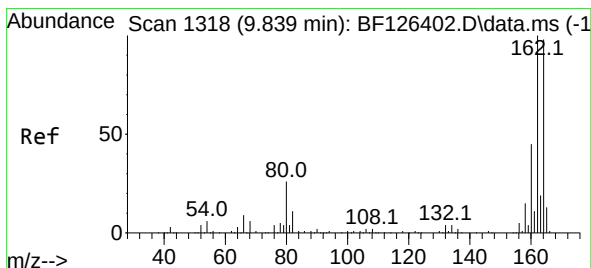
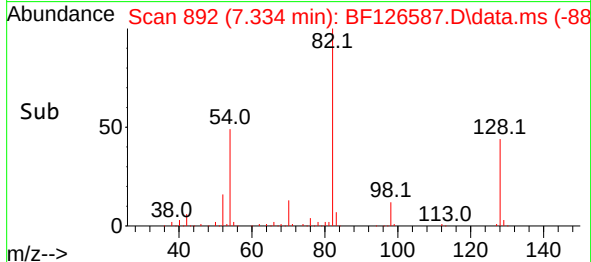
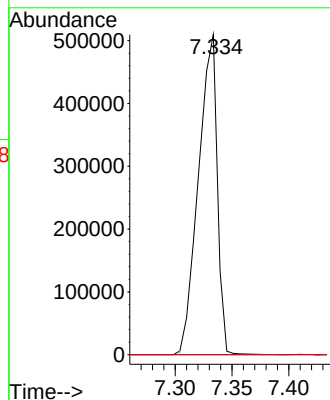
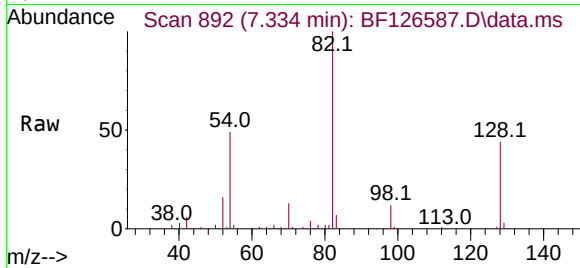




#25
Isophorone
Concen: 42.491 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF126587.D
Acq: 11 Jan 2022 13:00

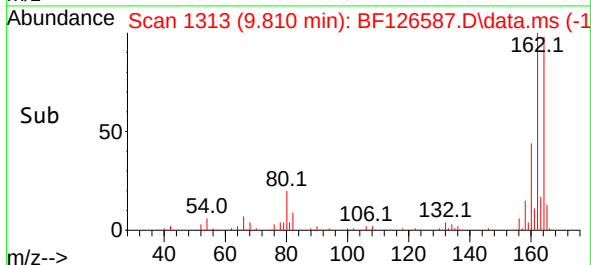
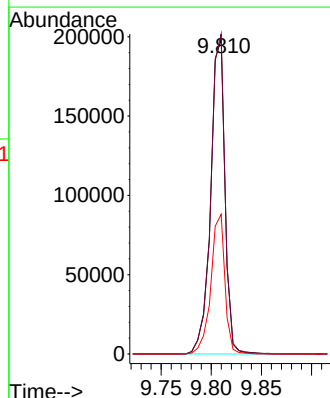
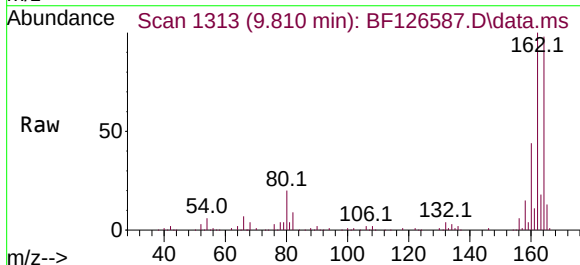
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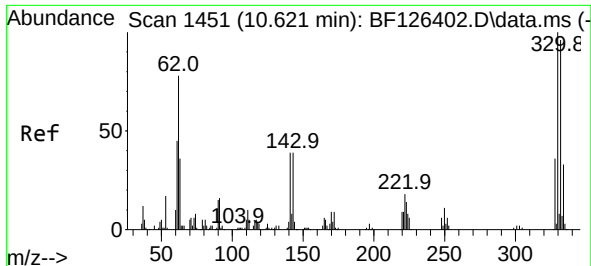
Tgt Ion: 82 Resp: 586703
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126587.D
Acq: 11 Jan 2022 13:00

Tgt Ion:164 Resp: 197560
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 44.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 92.037 ng

RT: 10.598 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF126587.D

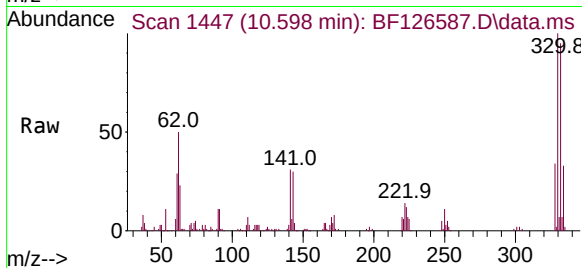
Acq: 11 Jan 2022 13:00

Instrument :

BNA_F

ClientSampleId :

20220021-CAPE-3-MODIFIED-ELUTRIATE



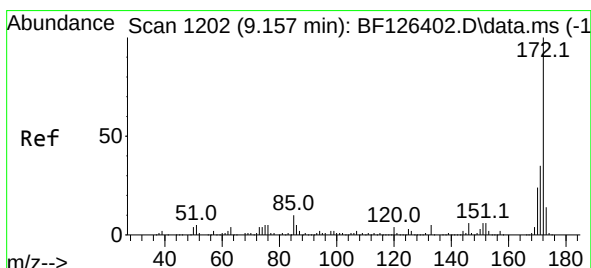
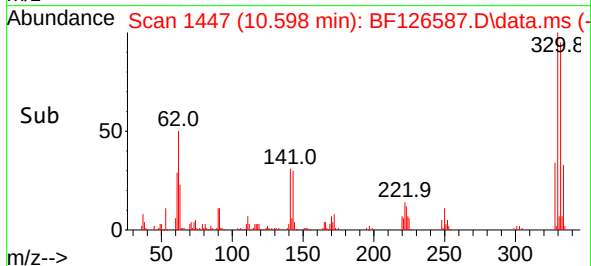
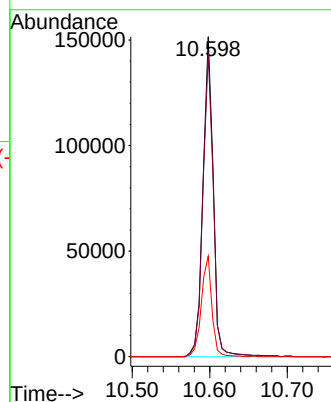
Tgt Ion:330 Resp: 140507

Ion Ratio Lower Upper

330 100

332 95.0 76.0 114.0

141 32.0 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 79.196 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF126587.D

Acq: 11 Jan 2022 13:00

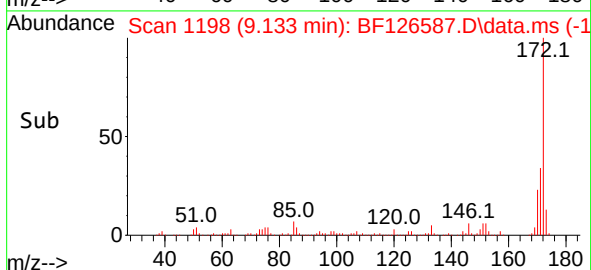
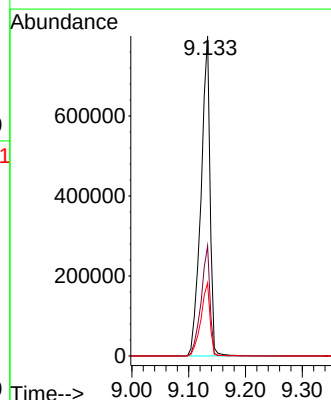
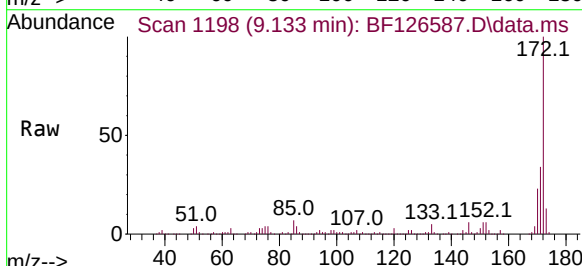
Tgt Ion:172 Resp: 889114

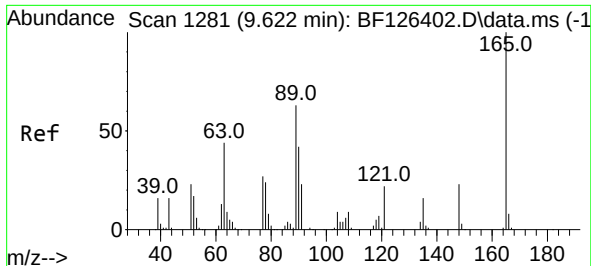
Ion Ratio Lower Upper

172 100

171 34.4 28.3 42.5

170 22.8 19.0 28.6

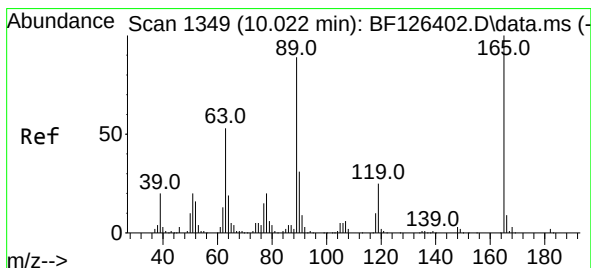
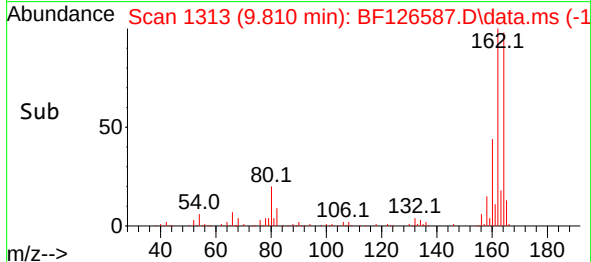
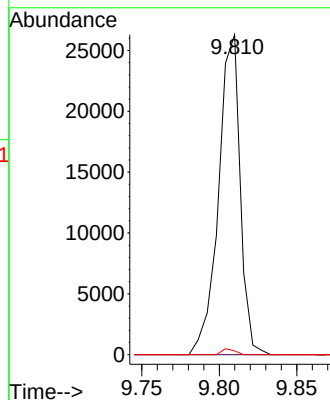
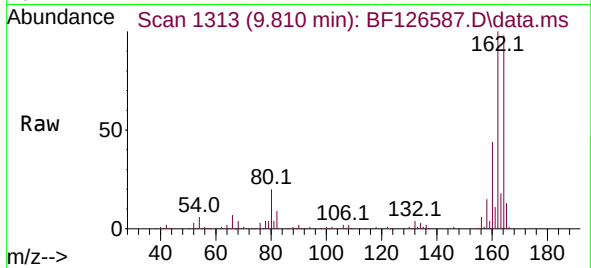




#51
2,6-Dinitrotoluene
Concen: 9.609 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126587.D
Acq: 11 Jan 2022 13:00

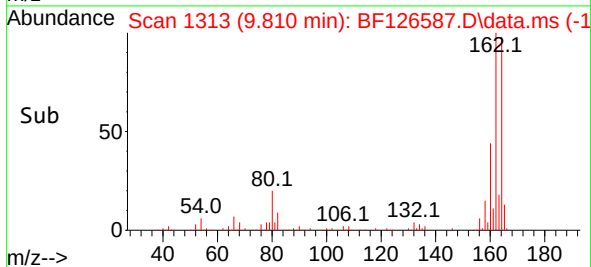
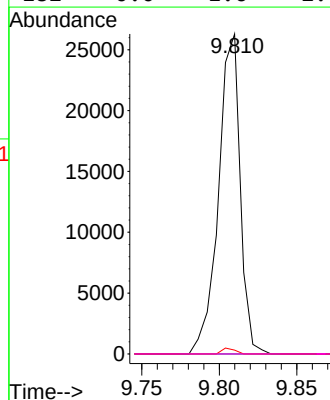
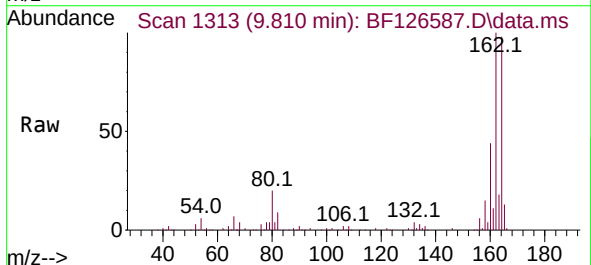
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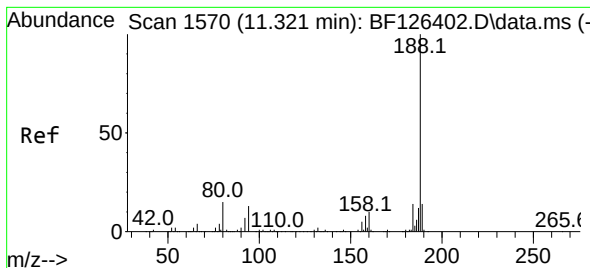
Tgt Ion:165 Resp: 25594
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 1.2 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.448 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF126587.D
Acq: 11 Jan 2022 13:00

Tgt Ion:165 Resp: 25594
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 1.2 71.0 106.4#
182 0.0 1.6 2.4#

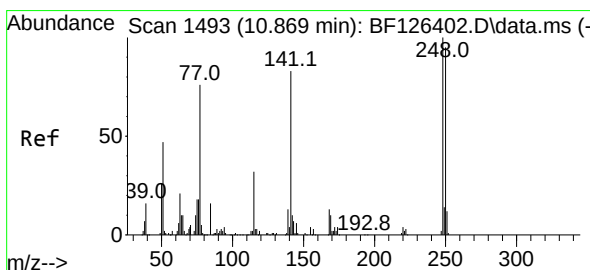
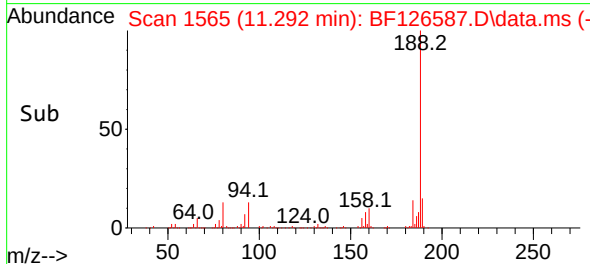
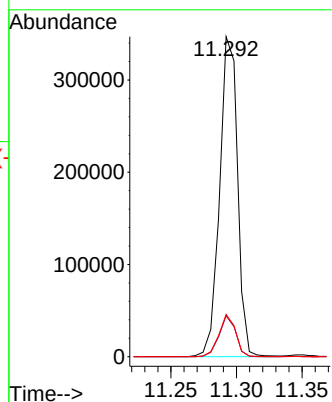
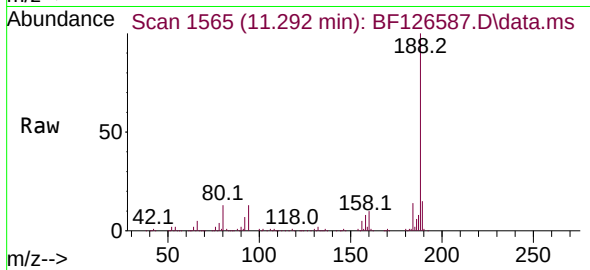




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126587.D
Acq: 11 Jan 2022 13:00

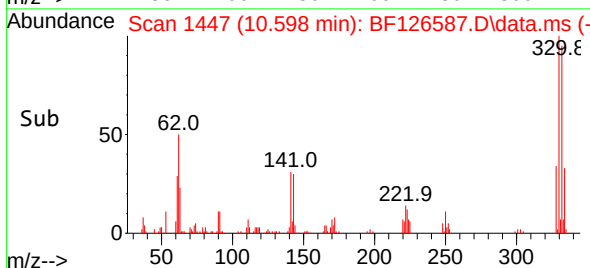
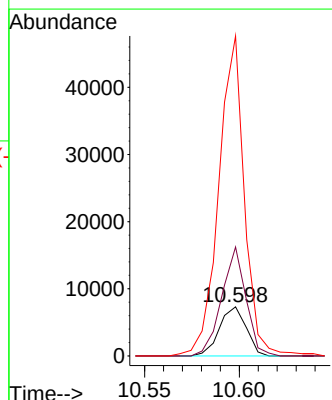
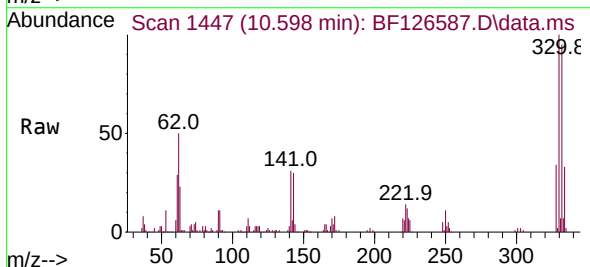
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20220021-CAPE-3-MODIFIED-ELUTRIATE

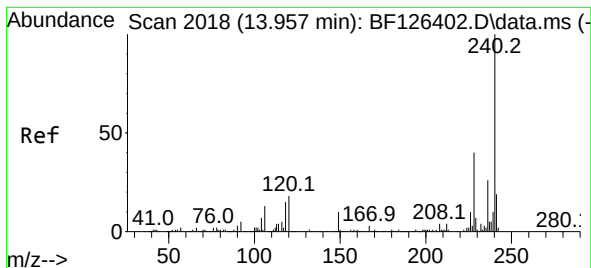
Tgt Ion:188 Resp: 328992
Ion Ratio Lower Upper
188 100
94 12.7 10.1 15.1
80 13.2 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 2.467 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.247 min
Lab File: BF126587.D
Acq: 11 Jan 2022 13:00

Tgt Ion:248 Resp: 7204
Ion Ratio Lower Upper
248 100
250 221.8 76.2 114.4#
141 651.7 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF126587.D

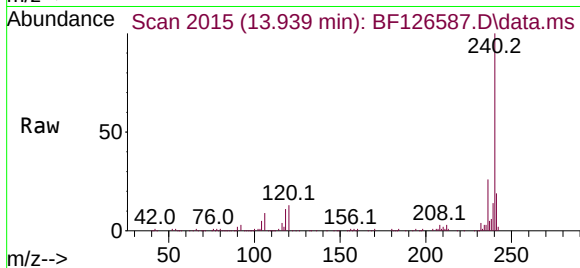
Acq: 11 Jan 2022 13:00

Instrument :

BNA_F

ClientSampleId :

20220021-CAPE-3-MODIFIED-ELUTRIATE



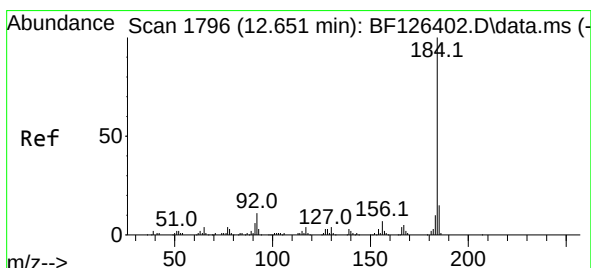
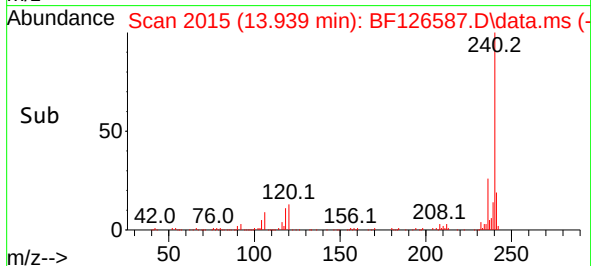
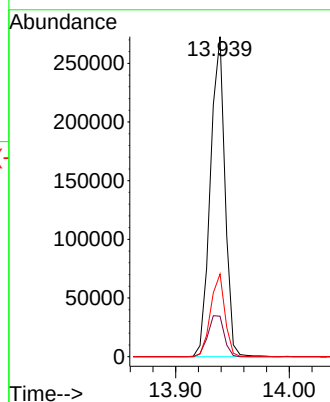
Tgt Ion:240 Resp: 243378

Ion Ratio Lower Upper

240 100

120 12.6 14.4 21.6#

236 25.8 20.5 30.7



#77

Benzidine

Concen: Below Cal

RT: 12.886 min Scan# 1836

Delta R.T. 0.253 min

Lab File: BF126587.D

Acq: 11 Jan 2022 13:00

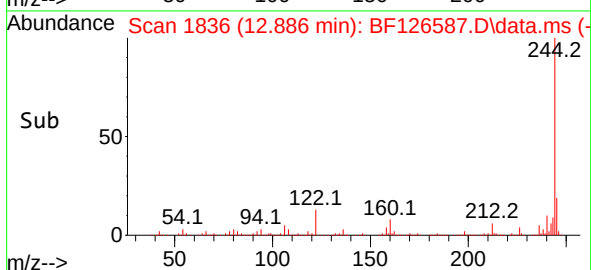
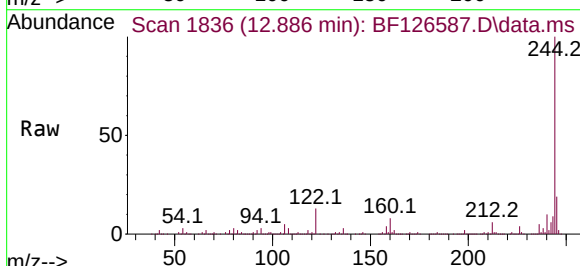
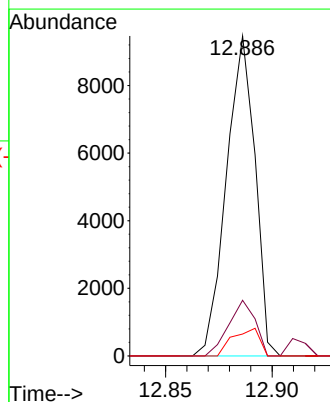
Tgt Ion:184 Resp: 8846

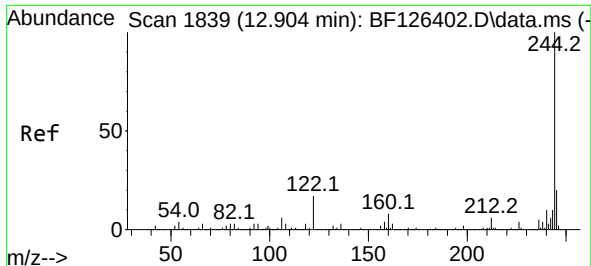
Ion Ratio Lower Upper

184 100

185 17.4 11.8 17.8

183 6.8 8.2 12.2#

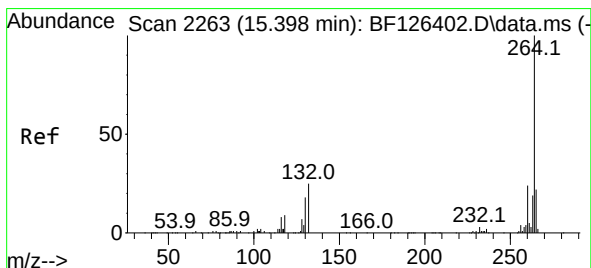
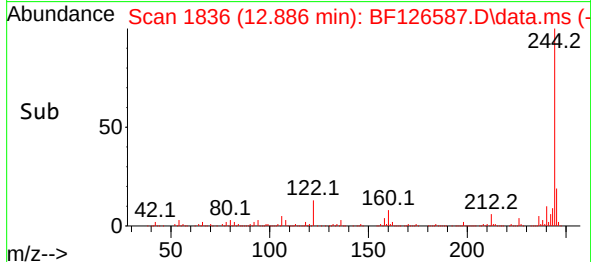
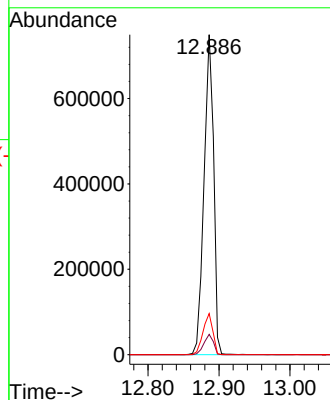
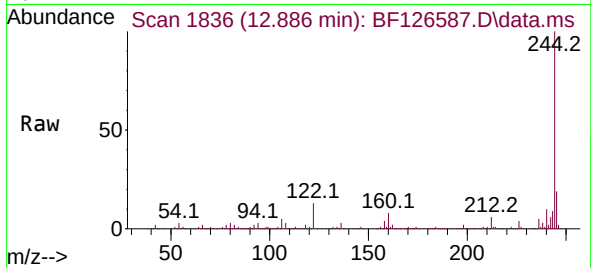




#79
 Terphenyl-d14
 Concen: 56.390 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF126587.D
 Acq: 11 Jan 2022 13:00

Instrument :
 BNA_F
 ClientSampleId :
 20220021-CAPE-3-MODIFIED-ELUTRIATE

Tgt Ion:244 Resp: 706355
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 12.8 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.018 min
 Lab File: BF126587.D
 Acq: 11 Jan 2022 13:00

Tgt Ion:264 Resp: 207859
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.1 17.4 26.2

