

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
 Data File : BF125657.D
 Acq On : 25 Sep 2021 15:27
 Operator : JU/CG
 Sample : M3922-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-03-(8-10)

Quant Time: Sep 27 01:22:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

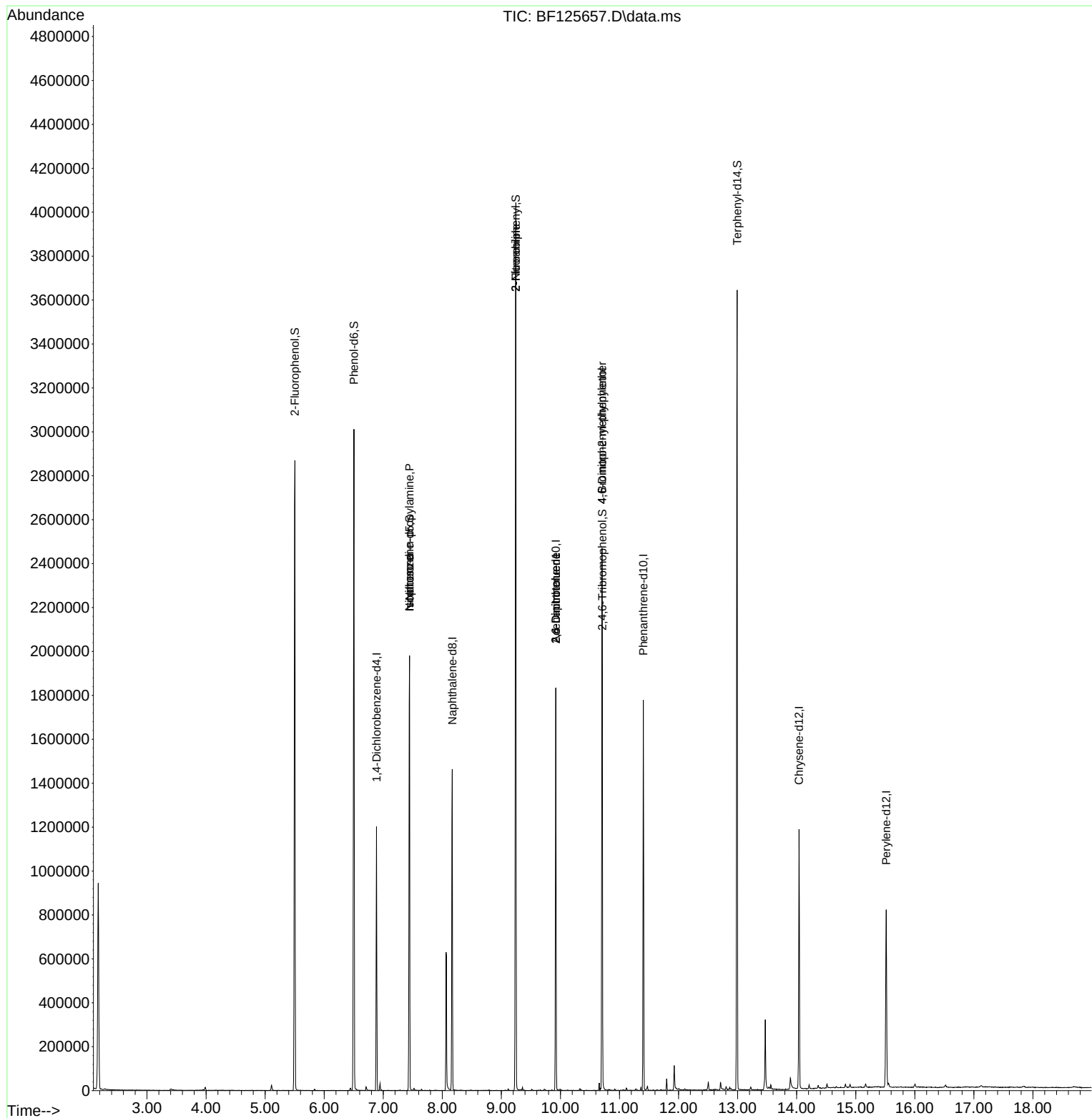
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	163740	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	664216	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	344587	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	590690	20.000	ng	0.00
76) Chrysene-d12	14.039	240	380178	20.000	ng	0.00
86) Perylene-d12	15.515	264	350823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	915482	92.117	ng	0.00
7) Phenol-d6	6.504	99	1096959	82.100	ng	0.00
23) Nitrobenzene-d5	7.445	82	647432	67.988	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	312287	97.200	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1318516	65.718	ng	0.00
79) Terphenyl-d14	12.992	244	1225000	55.800	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1474	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	80429	10.573	ng	# 50
25) Isophorone	7.445	82	647420	30.357	ng	# 59
48) 2-Nitroaniline	9.245	65	1603	4.452	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	43000	12.430	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	43000	11.363	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.704	198	585	9.178	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	18276	2.948	ng	# 1

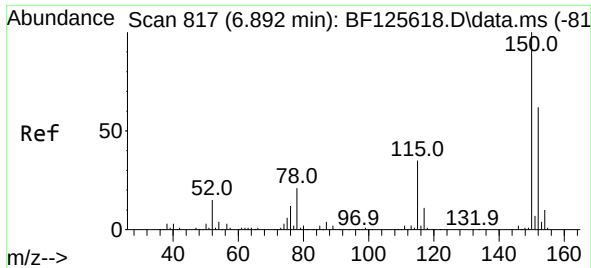
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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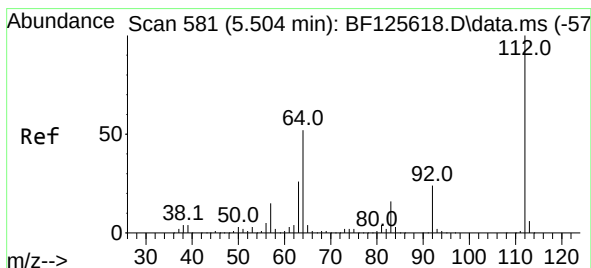
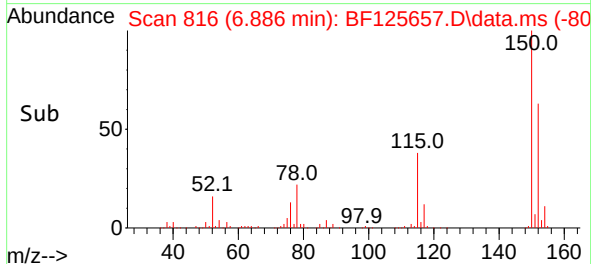
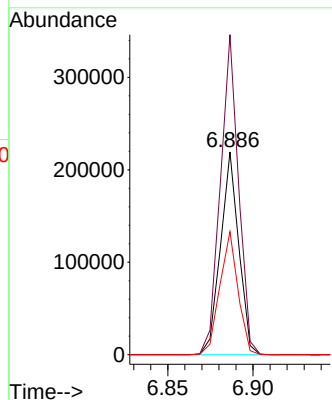
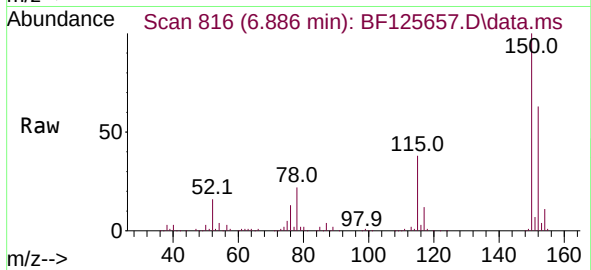




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

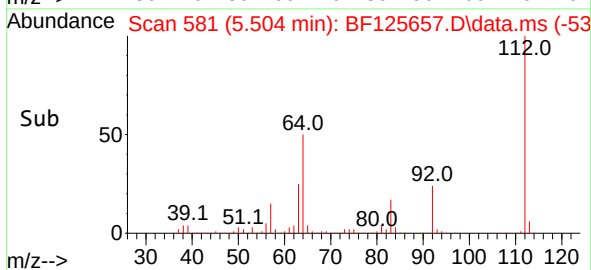
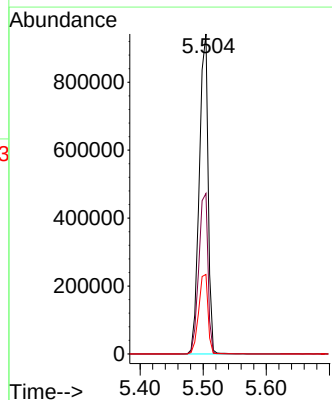
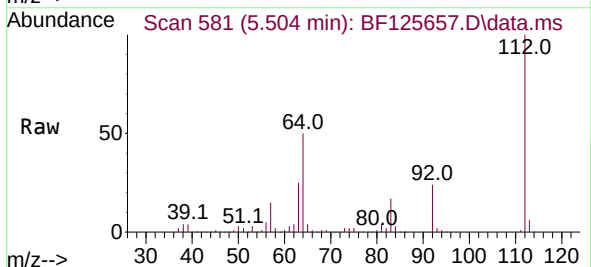
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-03-(8-10)

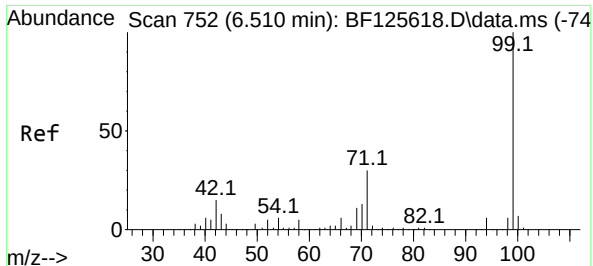
Tgt Ion:152 Resp: 163740
Ion Ratio Lower Upper
152 100
150 157.8 117.6 176.4
115 60.7 47.1 70.7



#5
2-Fluorophenol
Concen: 92.117 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

Tgt Ion:112 Resp: 915482
Ion Ratio Lower Upper
112 100
64 50.1 44.2 66.2
63 24.8 26.2 39.2#

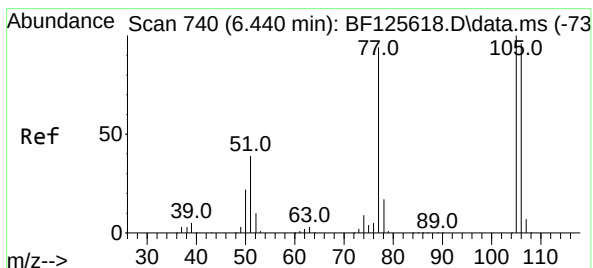
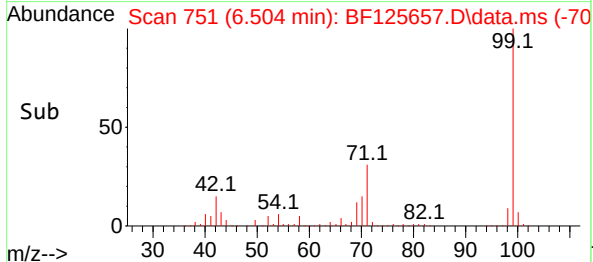
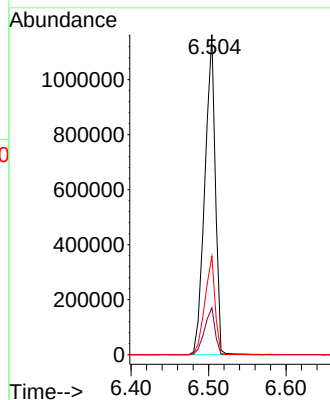
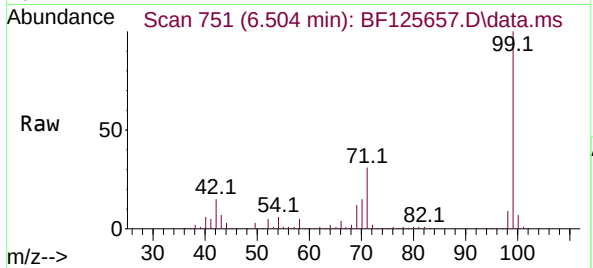




#7
Phenol-d6
Concen: 82.100 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

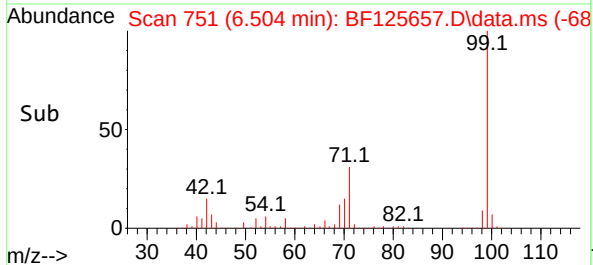
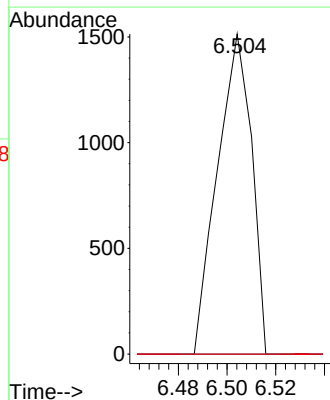
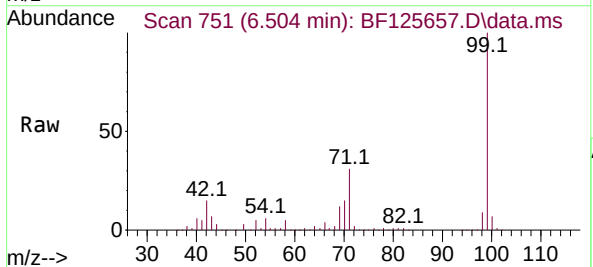
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-03-(8-10)

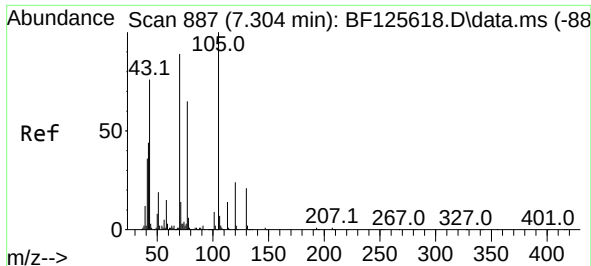
Tgt Ion: 99 Resp: 1096959
Ion Ratio Lower Upper
99 100
42 14.6 23.5 35.3#
71 30.8 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.064 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

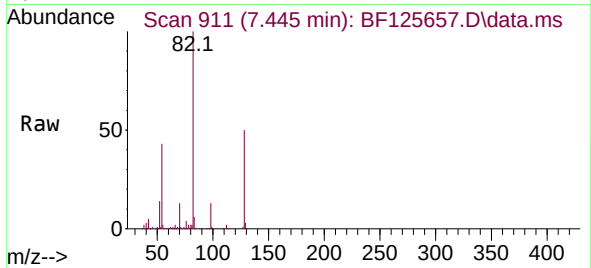
Tgt Ion: 77 Resp: 1474
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



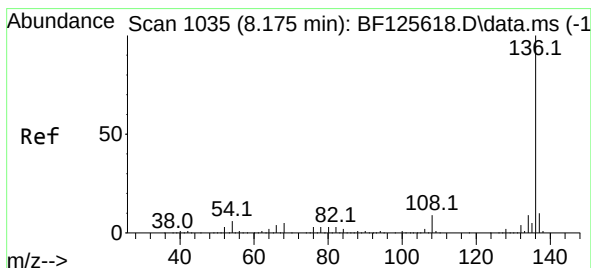
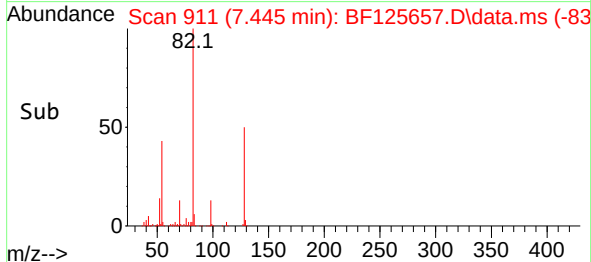
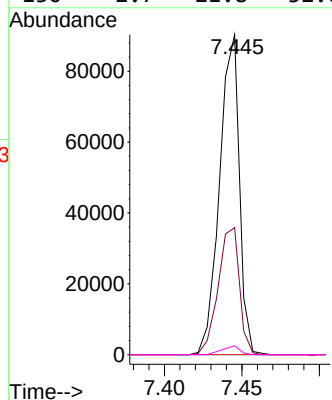


#19
n-Nitroso-di-n-propylamine
Concen: 10.573 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-03-(8-10)

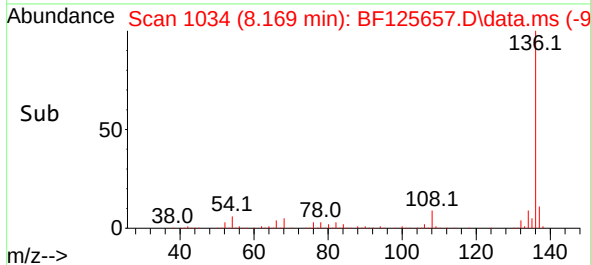
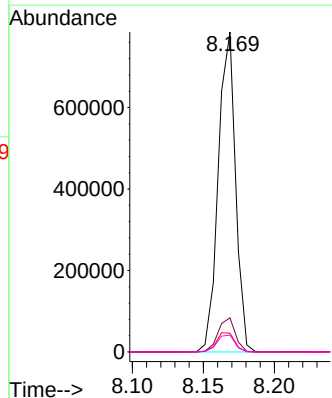
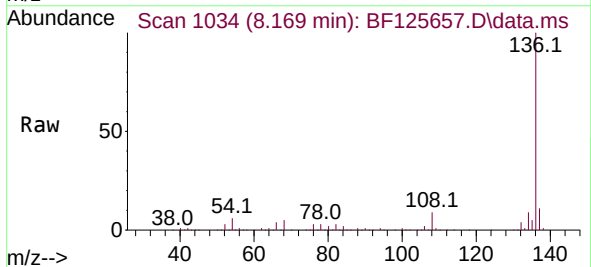


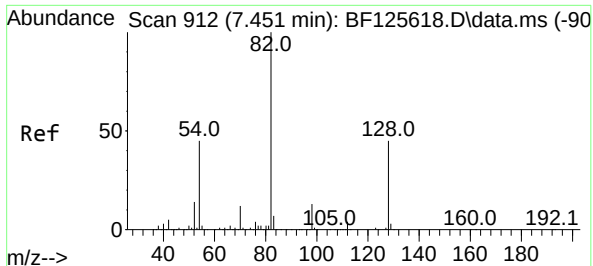
Tgt Ion: 70 Resp: 80429
Ion Ratio Lower Upper
70 100
42 39.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.7 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

Tgt Ion: 136 Resp: 664216
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 5.9 6.4 9.6#
68 5.2 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 67.988 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125657.D

Acq: 25 Sep 2021 15:27

Instrument :

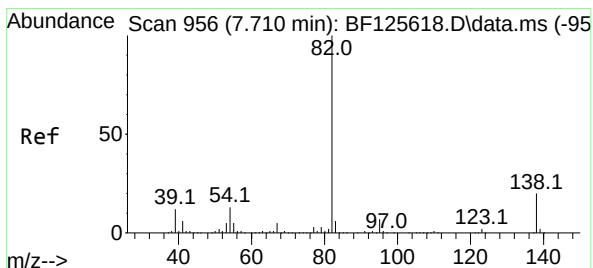
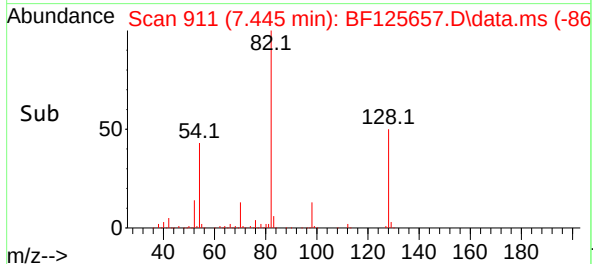
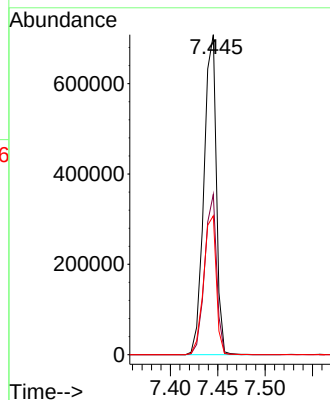
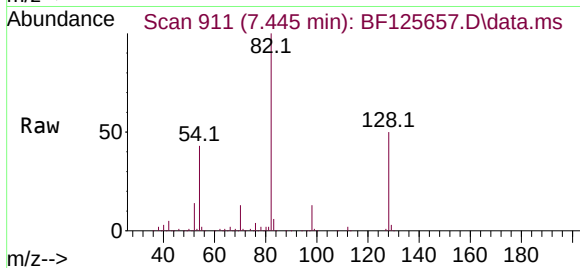
BNA_F

ClientSampleId :

SUB-SLAB-03-(8-10)

Tgt Ion: 82 Resp: 647432

Ion	Ratio	Lower	Upper
82	100		
128	50.1	40.6	60.8
54	43.4	49.6	74.4#



#25

Isophorone

Concen: 30.357 ng

RT: 7.445 min Scan# 911

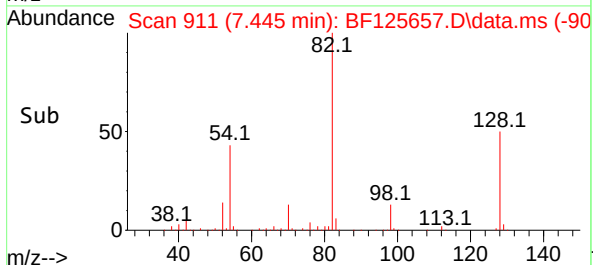
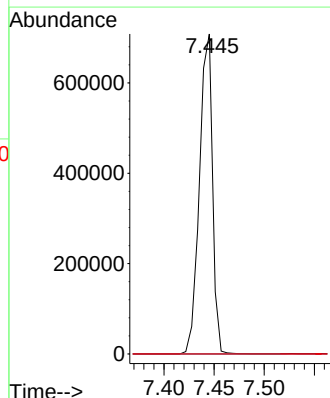
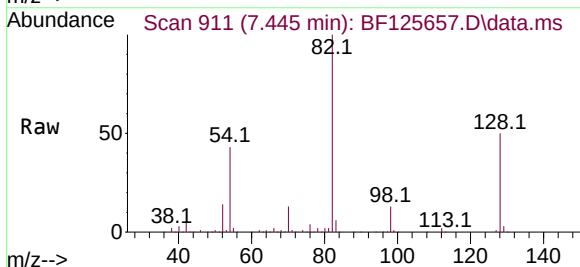
Delta R.T. -0.265 min

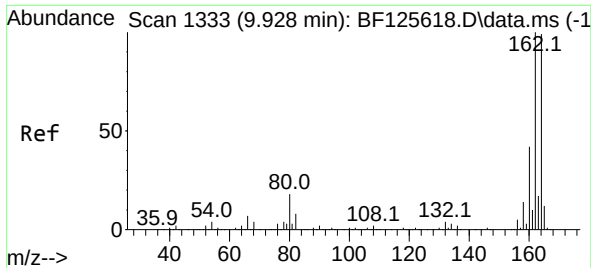
Lab File: BF125657.D

Acq: 25 Sep 2021 15:27

Tgt Ion: 82 Resp: 647420

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF125657.D

Acq: 25 Sep 2021 15:27

Instrument :

BNA_F

ClientSampleId :

SUB-SLAB-03-(8-10)

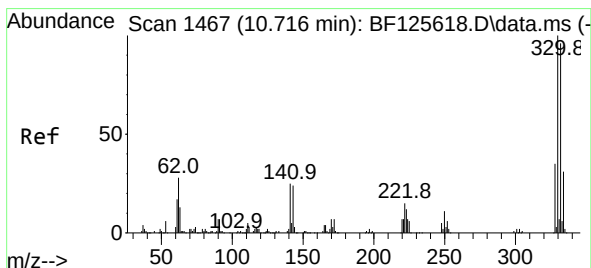
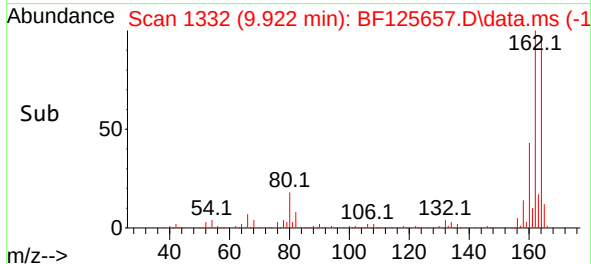
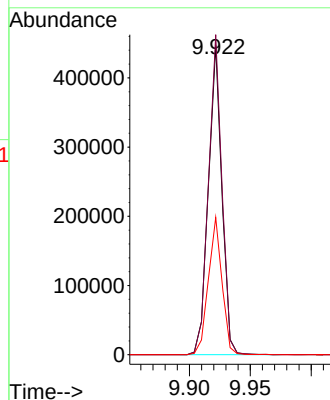
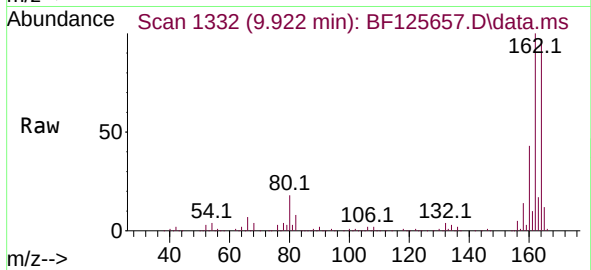
Tgt Ion:164 Resp: 344587

Ion Ratio Lower Upper

164 100

162 103.5 81.3 121.9

160 44.4 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 97.200 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF125657.D

Acq: 25 Sep 2021 15:27

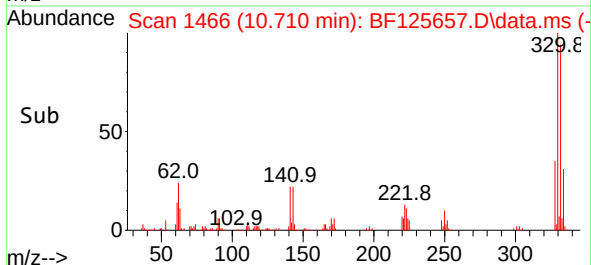
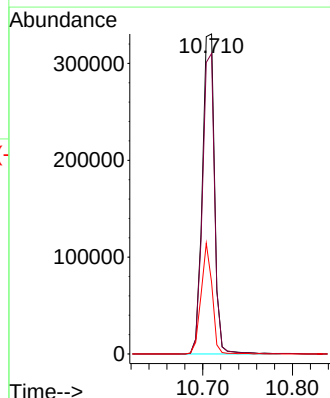
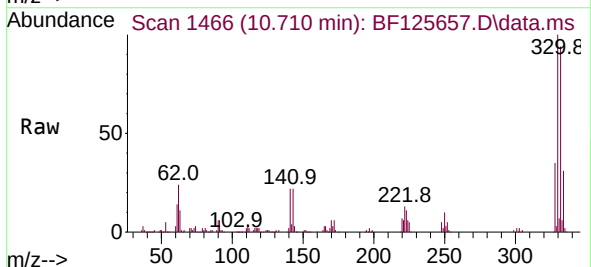
Tgt Ion:330 Resp: 312287

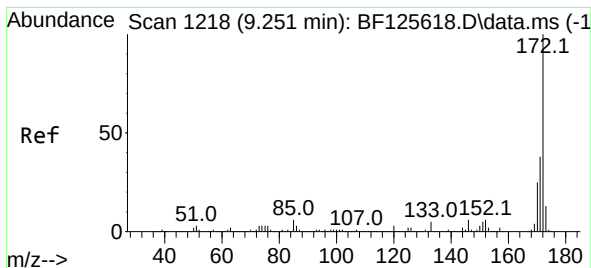
Ion Ratio Lower Upper

330 100

332 93.8 76.2 114.4

141 31.2 44.6 66.8#

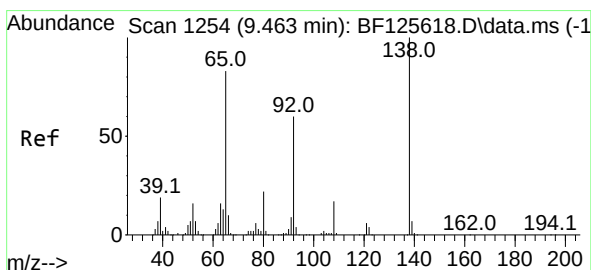
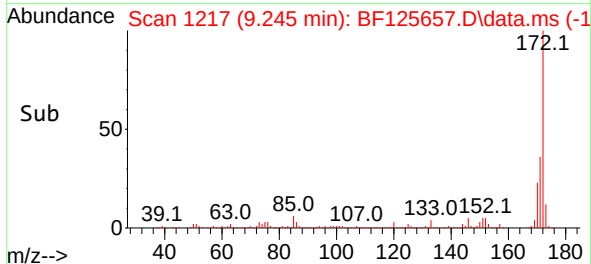
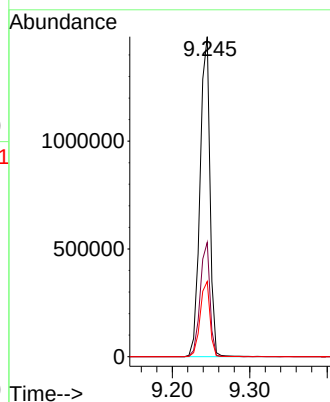
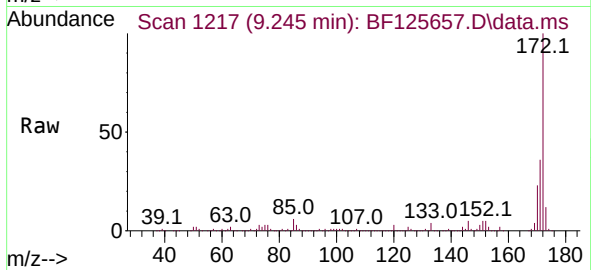




#45
2-Fluorobiphenyl
Concen: 65.718 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

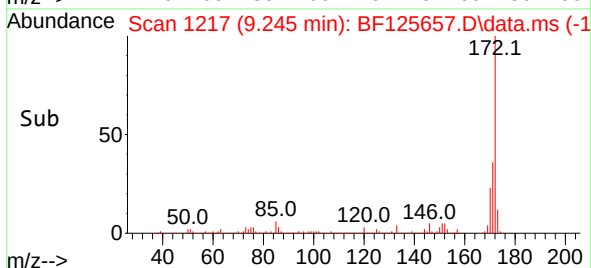
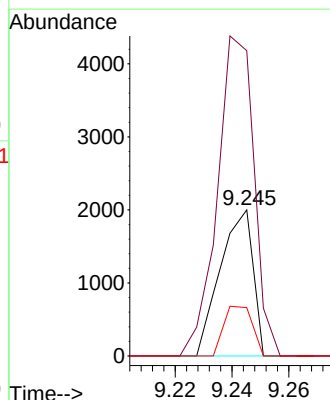
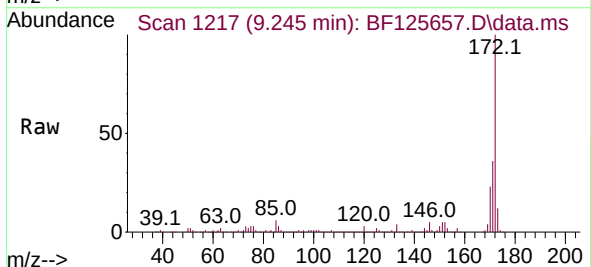
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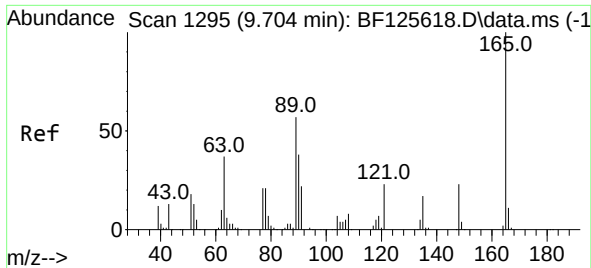
Tgt Ion:172 Resp: 1318516
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 23.5 18.8 28.2



#48
2-Nitroaniline
Concen: 4.452 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

Tgt Ion: 65 Resp: 1603
Ion Ratio Lower Upper
65 100
92 208.9 55.5 83.3#
138 33.1 93.5 140.3#

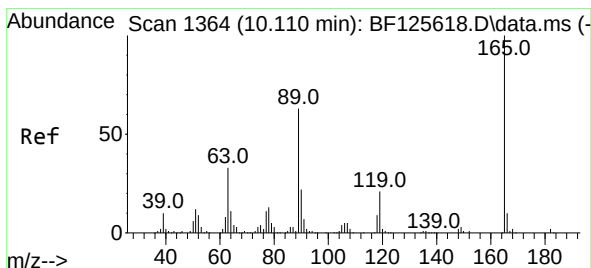
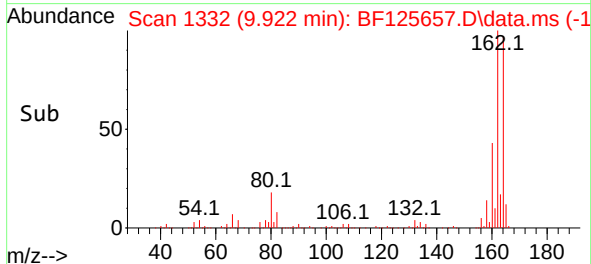
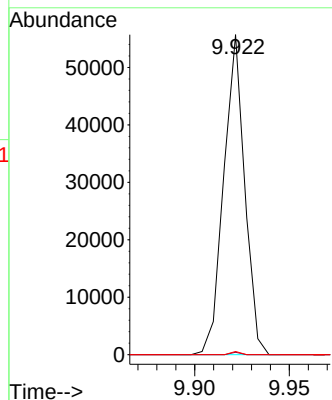
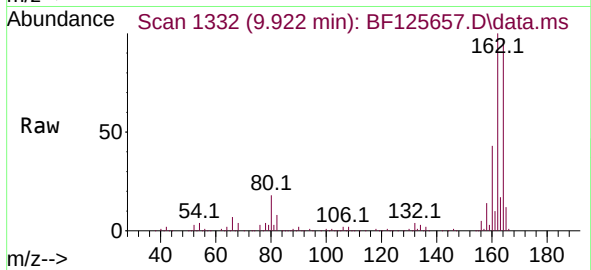




#51
2,6-Dinitrotoluene
Concen: 12.430 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

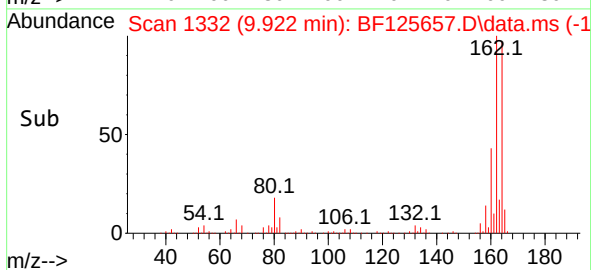
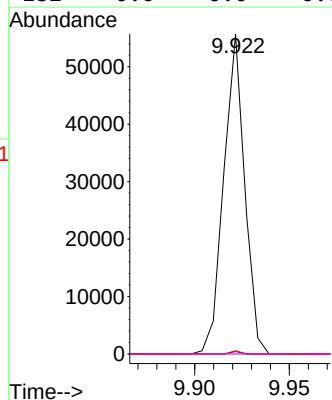
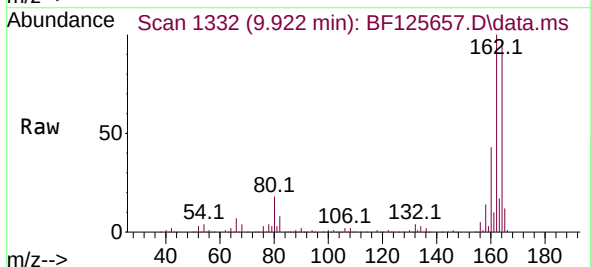
Instrument :
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SUB-SLAB-03-(8-10)

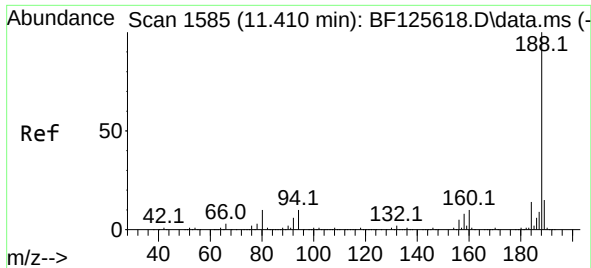
Tgt Ion:165 Resp: 43000
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.363 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

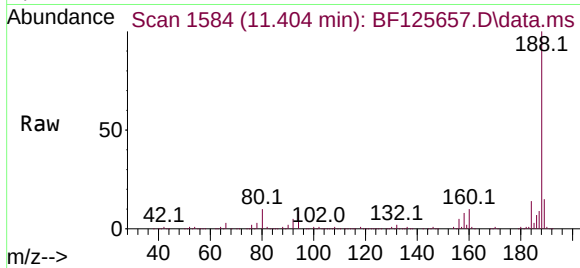
Tgt Ion:165 Resp: 43000
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0



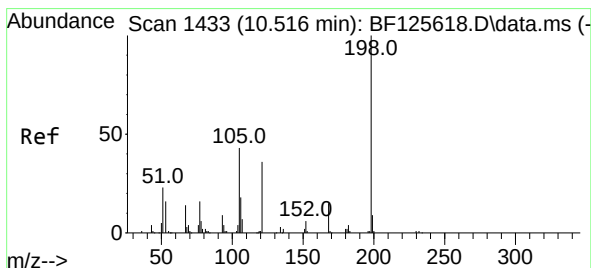
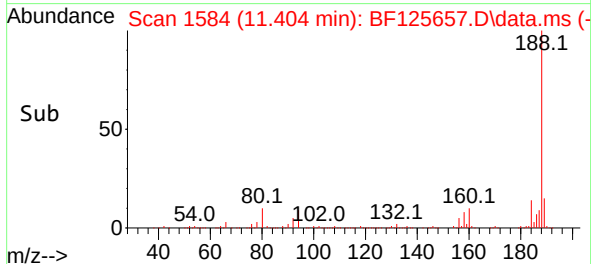
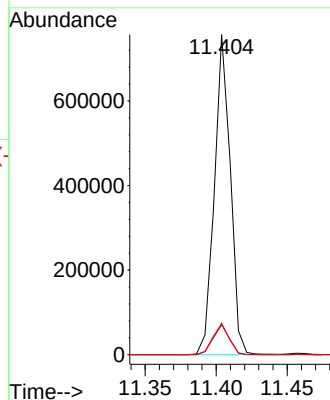


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-03-(8-10)

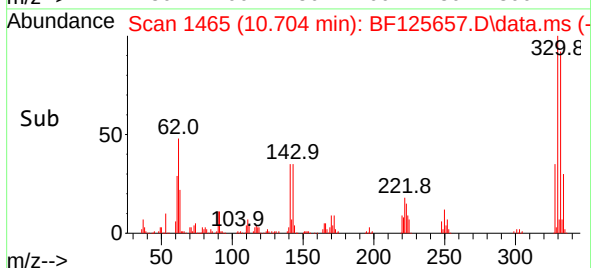
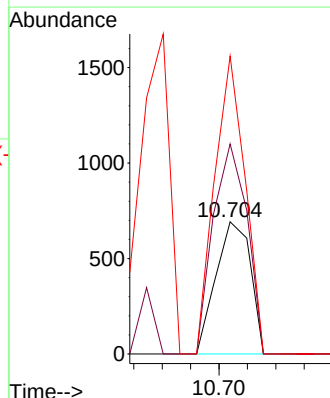
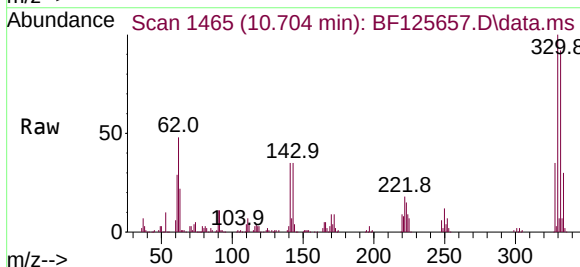


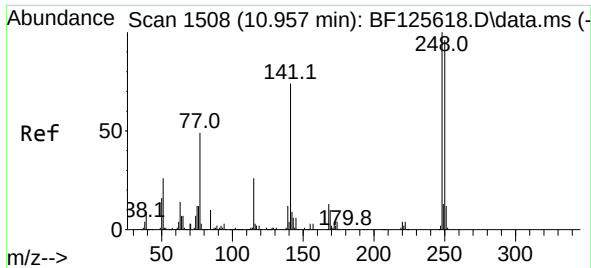
Tgt Ion:188 Resp: 590690
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 9.8 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.178 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

Tgt Ion:198 Resp: 585
Ion Ratio Lower Upper
198 100
51 159.0 45.3 85.3#
105 225.4 30.6 70.6#

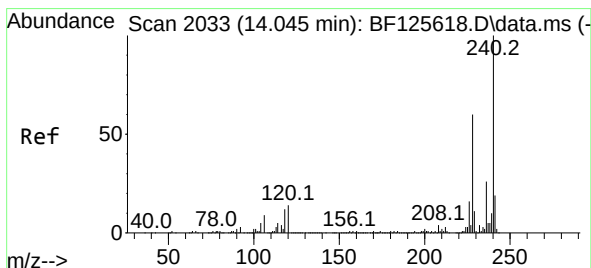
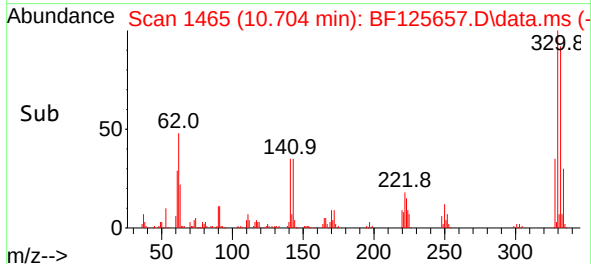
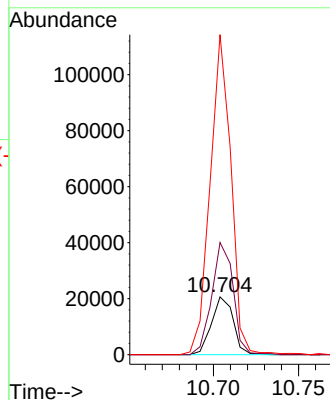
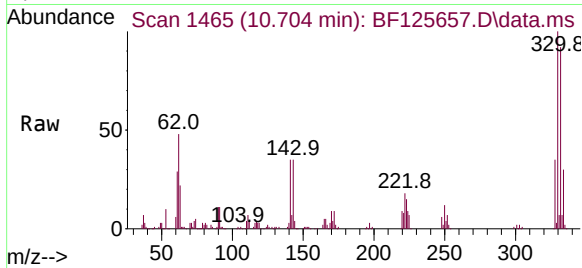




#67
4-Bromophenyl-phenylether
Concen: 2.948 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.253 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

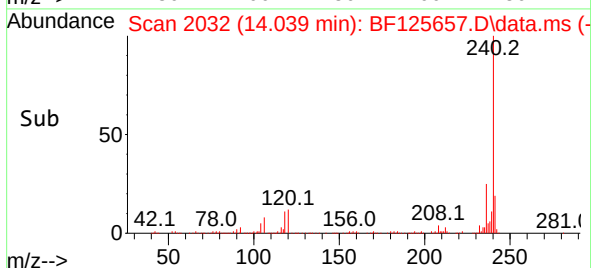
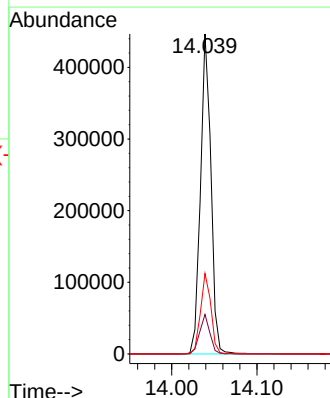
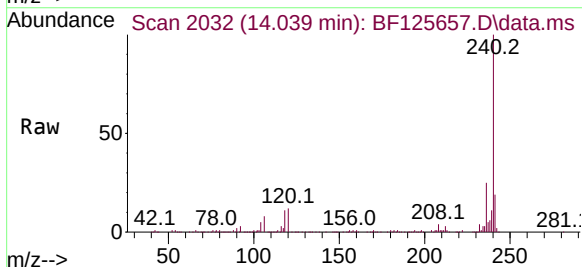
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-03-(8-10)

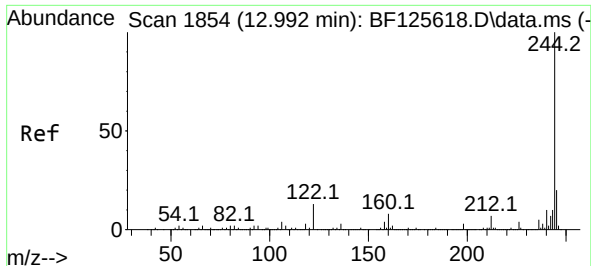
Tgt Ion:248 Resp: 18276
Ion Ratio Lower Upper
248 100
250 193.9 74.2 111.4#
141 553.6 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

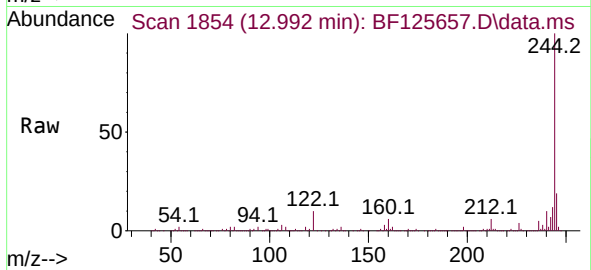
Tgt Ion:240 Resp: 380178
Ion Ratio Lower Upper
240 100
120 12.4 10.8 16.2
236 25.1 21.6 32.4



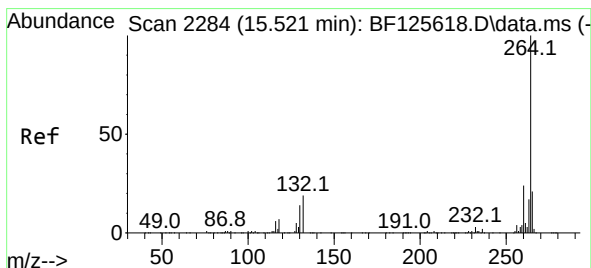
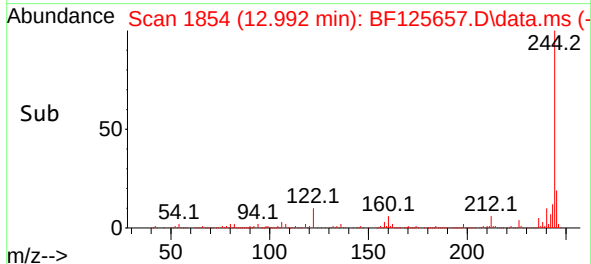
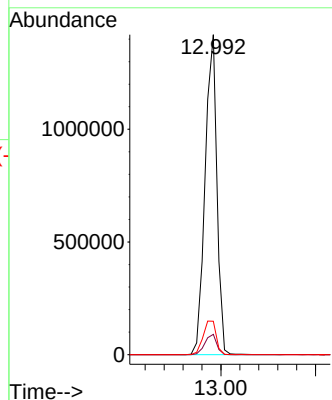


#79
 Terphenyl-d14
 Concen: 55.800 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF125657.D
 Acq: 25 Sep 2021 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-03-(8-10)



Tgt Ion:244 Resp: 1225000
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.9 8.9
 122 10.4 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF125657.D
 Acq: 25 Sep 2021 15:27

Tgt Ion:264 Resp: 350823
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 21.5 17.2 25.8

