

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
 Data File : BF125651.D
 Acq On : 25 Sep 2021 12:21
 Operator : JU/CG
 Sample : M3908-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-UST-05-(6-8)

Quant Time: Sep 27 01:21:02 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)

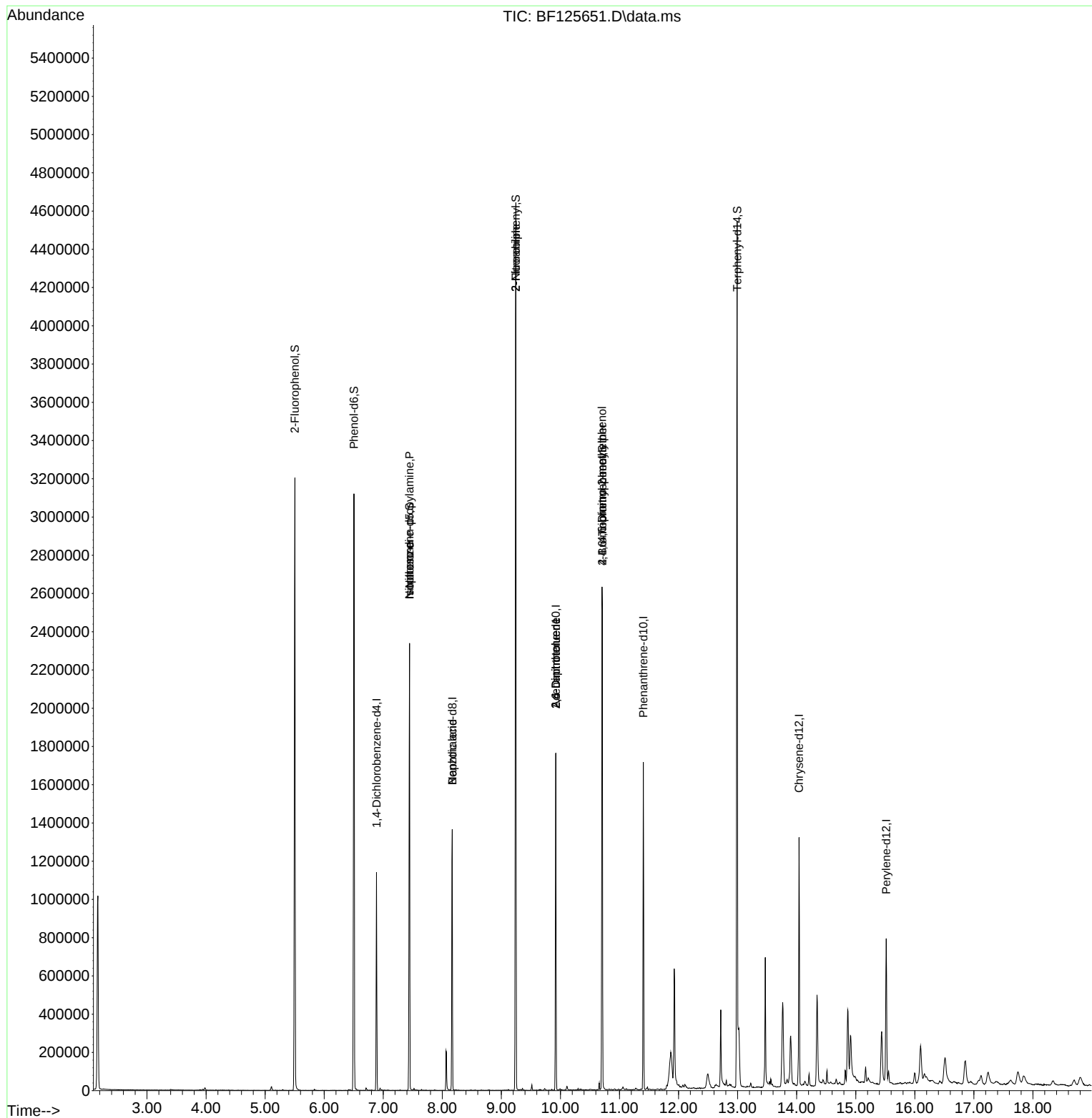
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	153136	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	621980	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	325387	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	564633	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	403807	20.000	ng	0.00
86) Perylene-d12	15.515	264	327854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	983891	105.855	ng	0.00
7) Phenol-d6	6.504	99	1209818	96.817	ng	0.00
23) Nitrobenzene-d5	7.445	82	714441	80.119	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	354085	116.713	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1461382	79.896	ng	0.00
79) Terphenyl-d14	12.992	244	1488615	63.841	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.504	77	1553	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	88309	12.412	ng	# 50
25) Isophorone	7.445	82	714434	35.774	ng	# 59
32) Benzoic acid	8.169	122	127	8.644	ng	# 1
48) 2-Nitroaniline	9.245	65	1941	4.536	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	41679	12.650	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	41679	11.537	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.704	198	814	9.254	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	20353	3.435	ng	# 1

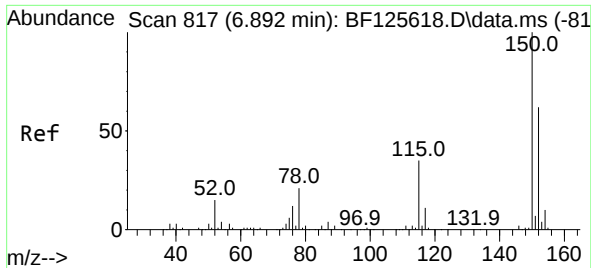
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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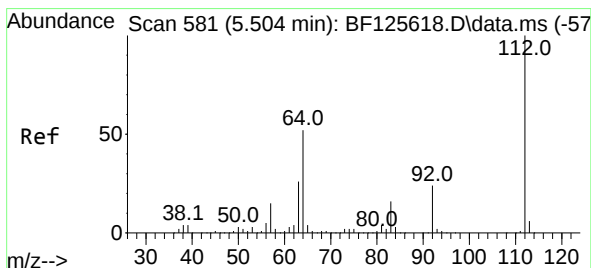
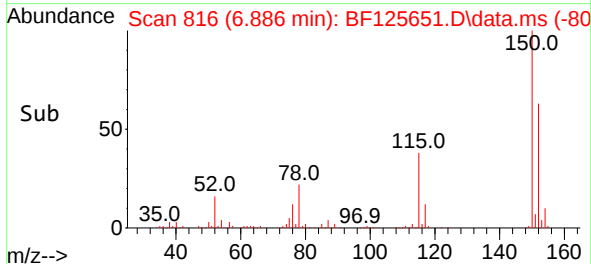
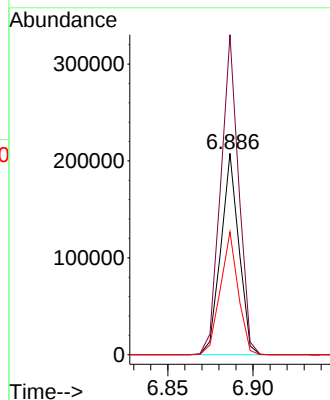
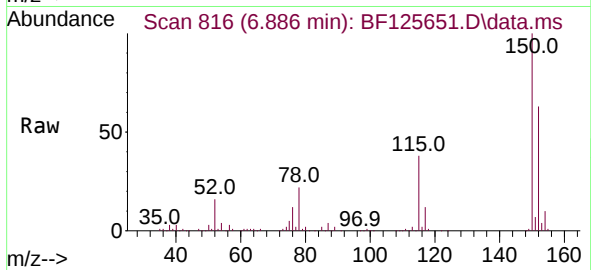




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125651.D
Acq: 25 Sep 2021 12:21

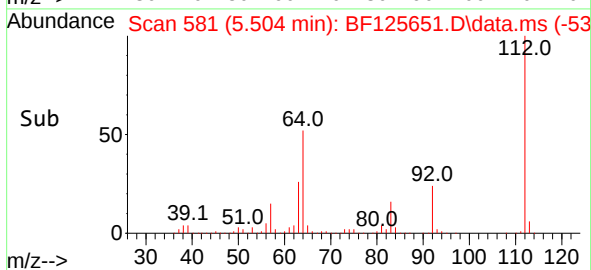
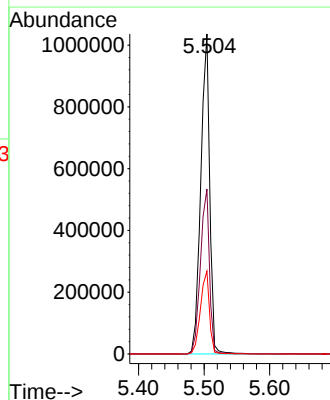
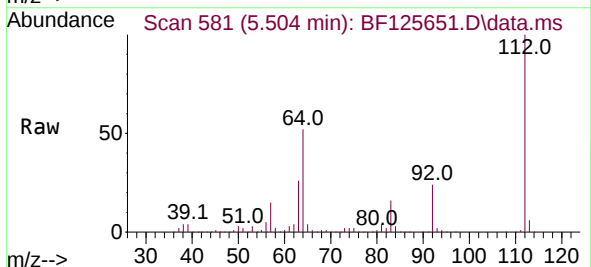
Instrument :
BNA_F
ClientSampleId :
SUP-UST-05-(6-8)

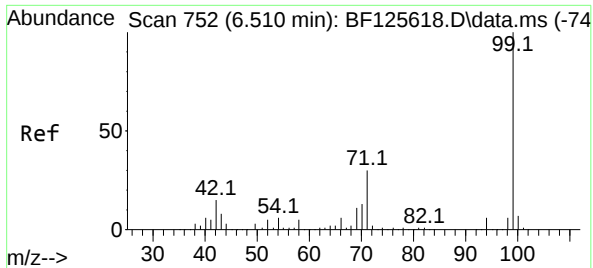
Tgt Ion:152 Resp: 153136
Ion Ratio Lower Upper
152 100
150 159.0 117.6 176.4
115 61.1 47.1 70.7



#5
2-Fluorophenol
Concen: 105.855 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125651.D
Acq: 25 Sep 2021 12:21

Tgt Ion:112 Resp: 983891
Ion Ratio Lower Upper
112 100
64 51.5 44.2 66.2
63 25.9 26.2 39.2#

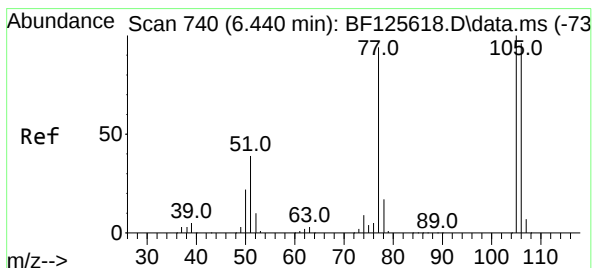
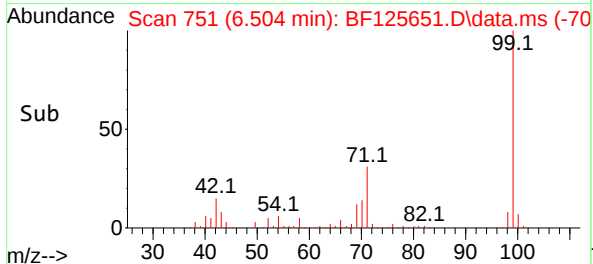
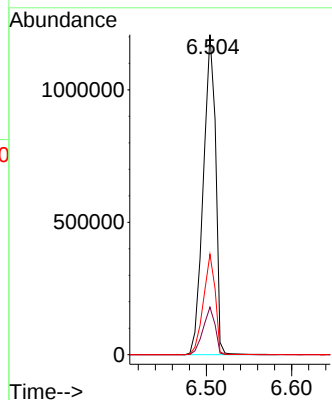
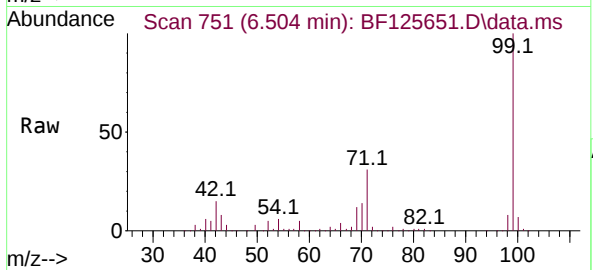




#7
Phenol-d6
Concen: 96.817 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125651.D
Acq: 25 Sep 2021 12:21

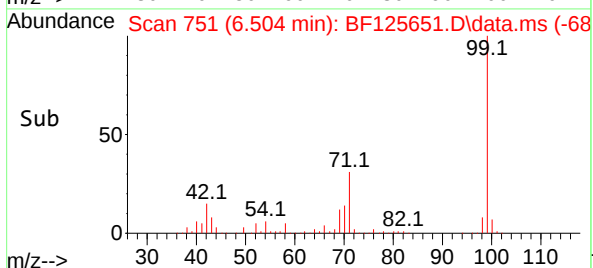
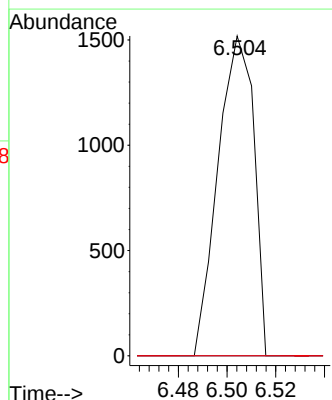
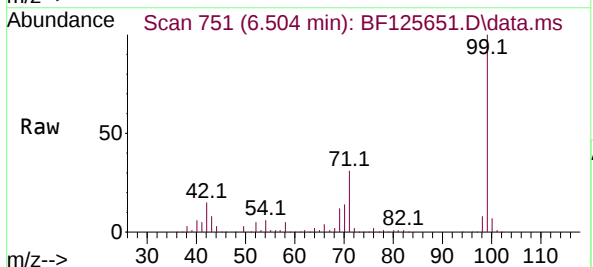
Instrument :
BNA_F
ClientSampleId :
SUP-UST-05-(6-8)

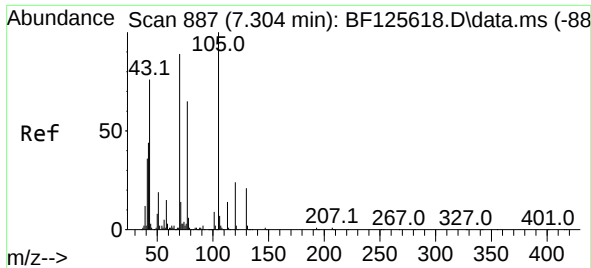
Tgt Ion: 99 Resp: 1209818
Ion Ratio Lower Upper
99 100
42 14.8 23.5 35.3#
71 31.4 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.064 min
Lab File: BF125651.D
Acq: 25 Sep 2021 12:21

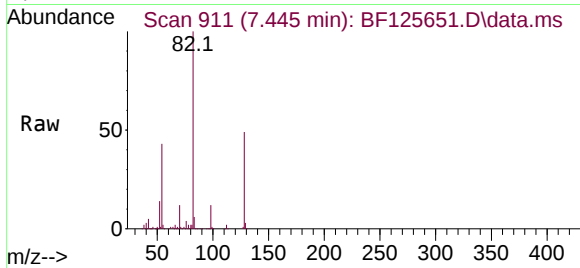
Tgt Ion: 77 Resp: 1553
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



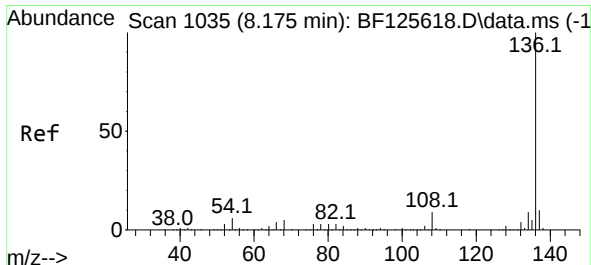
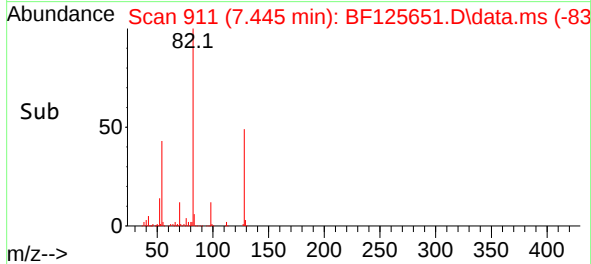
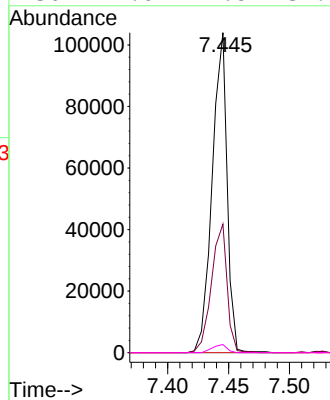


#19
n-Nitroso-di-n-propylamine
Concen: 12.412 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125651.D
Acq: 25 Sep 2021 12:21

Instrument :
BNA_F
ClientSampleId :
SUP-UST-05-(6-8)

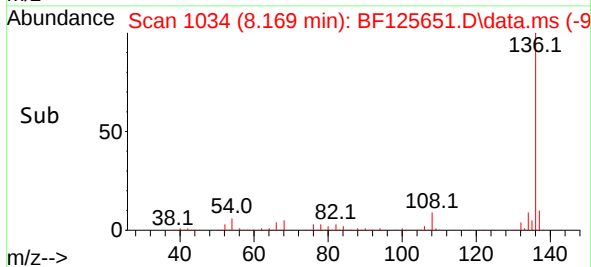
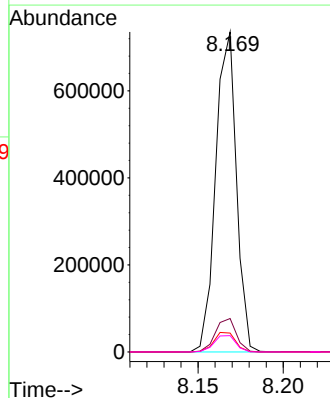
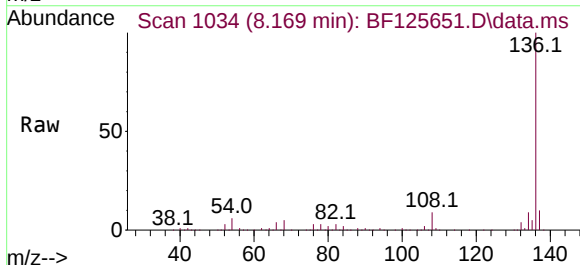


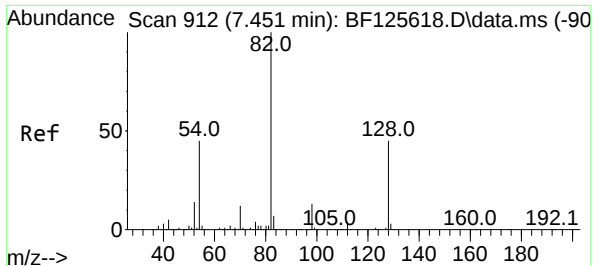
Tgt Ion: 70 Resp: 88309
Ion Ratio Lower Upper
70 100
42 40.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.6 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125651.D
Acq: 25 Sep 2021 12:21

Tgt Ion: 136 Resp: 621980
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 5.9 6.4 9.6#
68 5.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 80.119 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125651.D

Acq: 25 Sep 2021 12:21

Instrument :

BNA_F

ClientSampleId :

SUP-UST-05-(6-8)

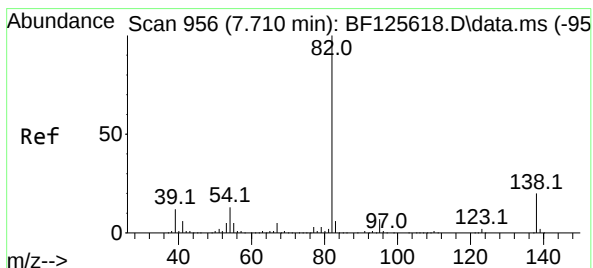
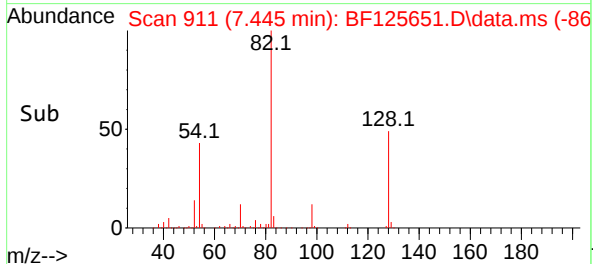
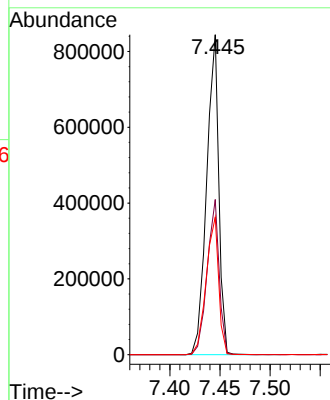
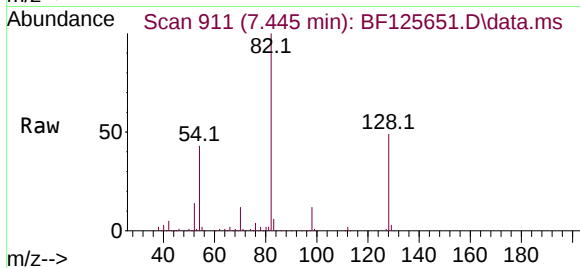
Tgt Ion: 82 Resp: 714441

Ion Ratio Lower Upper

82 100

128 48.5 40.6 60.8

54 43.0 49.6 74.4#



#25

Isophorone

Concen: 35.774 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF125651.D

Acq: 25 Sep 2021 12:21

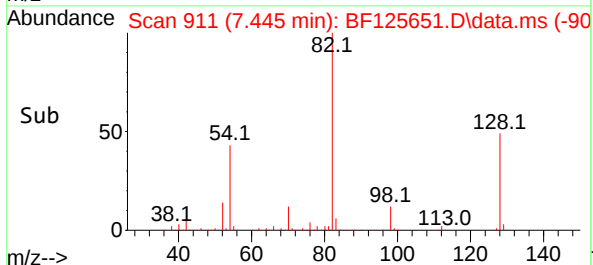
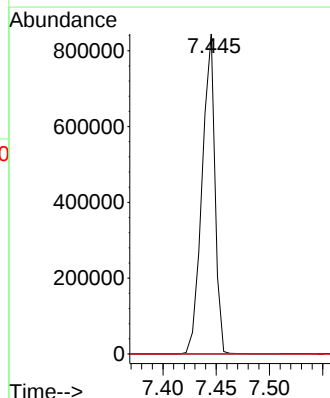
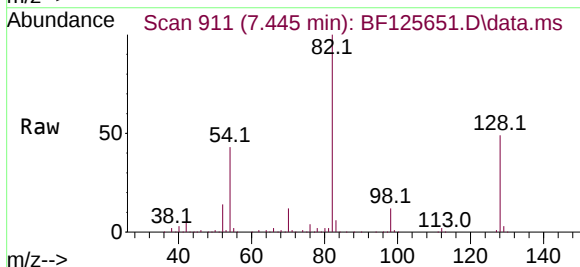
Tgt Ion: 82 Resp: 714434

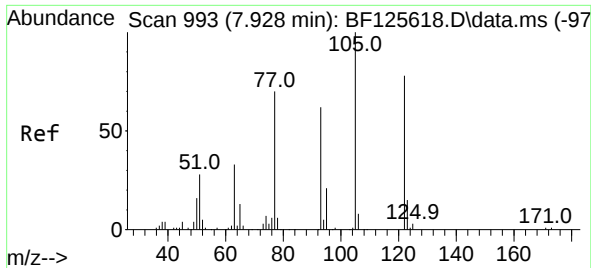
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

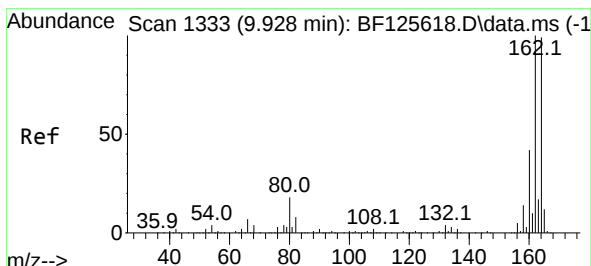
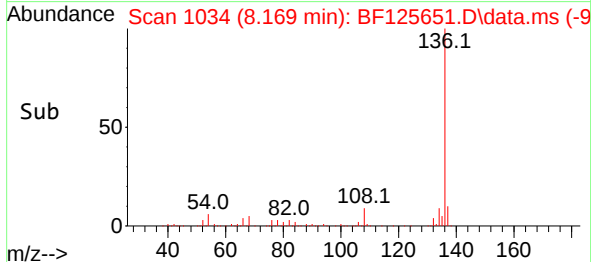
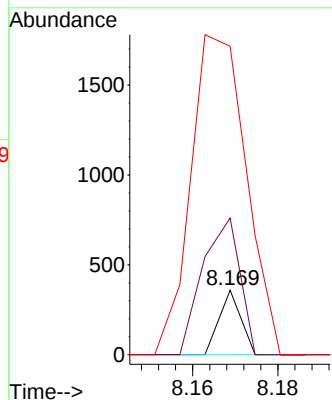
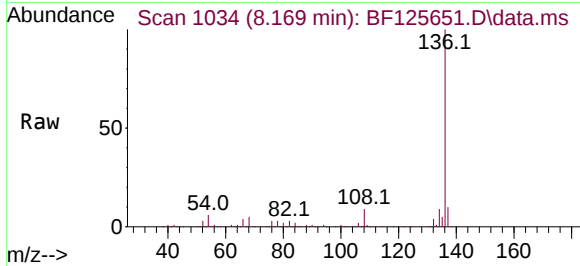




#32
Benzoic acid
Concen: 8.644 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.241 min
Lab File: BF125651.D
Acq: 25 Sep 2021 12:21

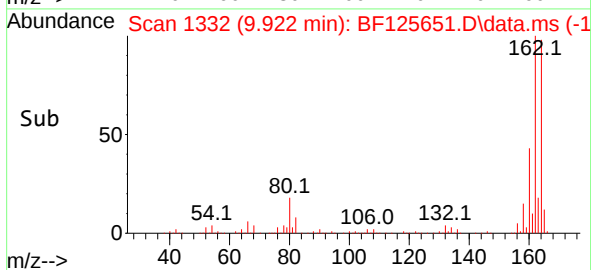
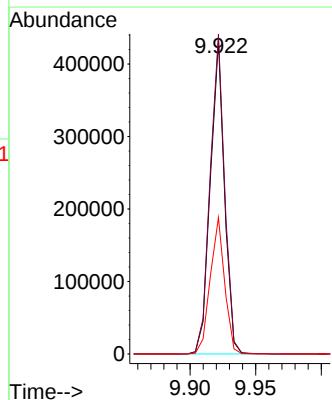
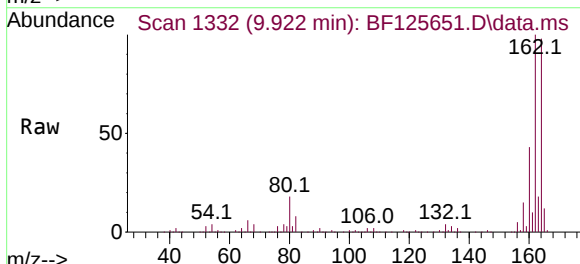
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SUP-UST-05-(6-8)

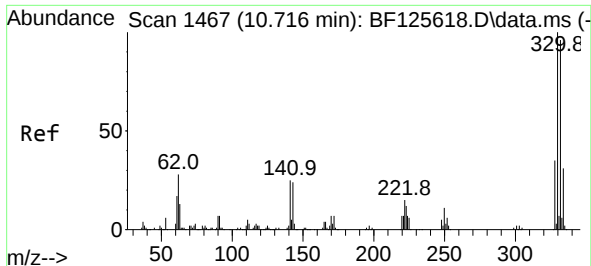
Tgt Ion:122 Resp: 127
Ion Ratio Lower Upper
122 100
105 211.7 97.6 137.6#
77 478.0 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125651.D
Acq: 25 Sep 2021 12:21

Tgt Ion:164 Resp: 325387
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 43.6 38.0 57.0

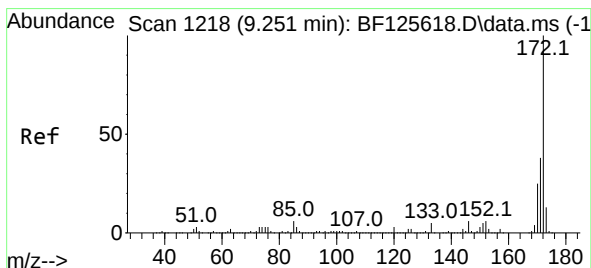
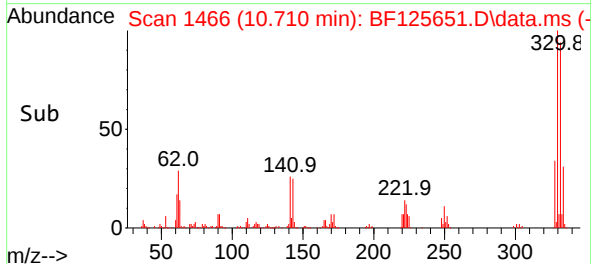
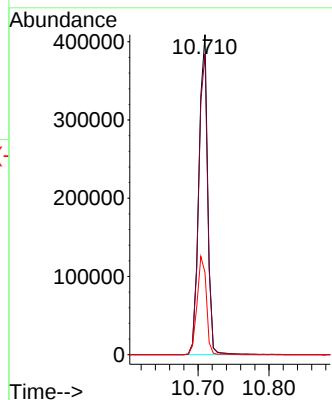
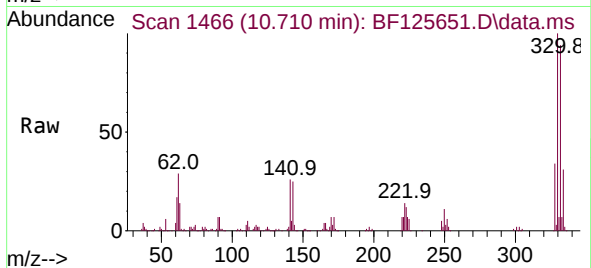




#42
2,4,6-Tribromophenol
Concen: 116.713 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125651.D
Acq: 25 Sep 2021 12:21

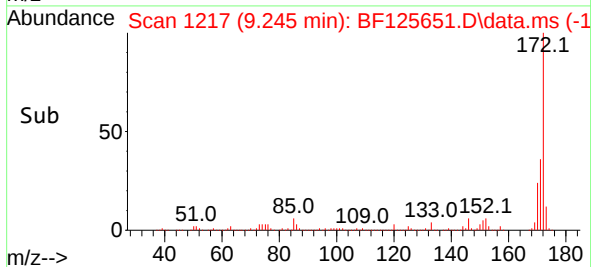
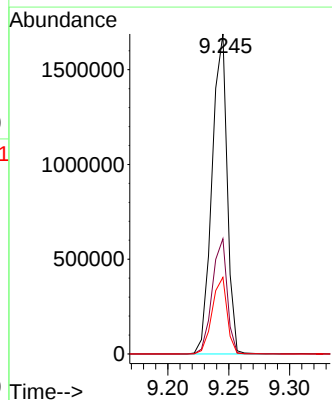
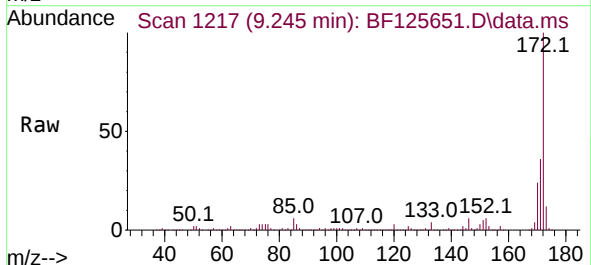
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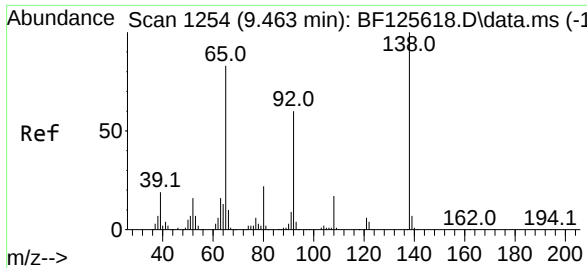
Tgt Ion:330 Resp: 354085
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 32.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 79.896 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125651.D
Acq: 25 Sep 2021 12:21

Tgt Ion:172 Resp: 1461382
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 24.0 18.8 28.2

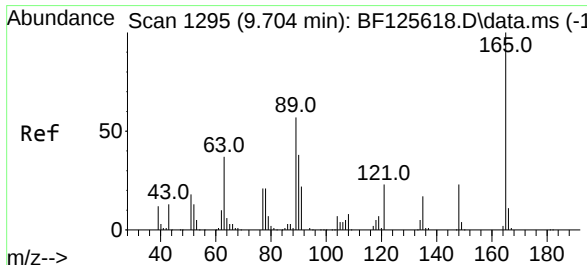
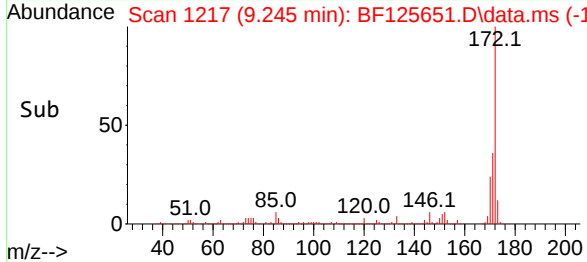
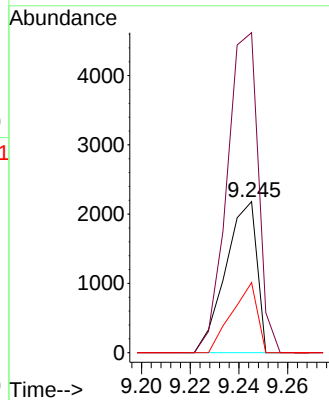
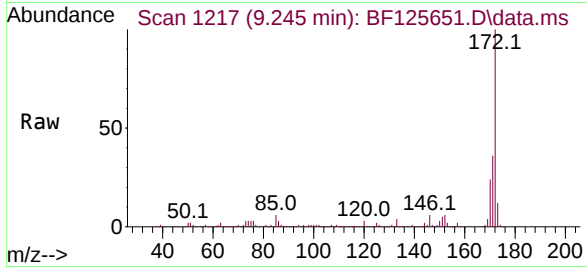




#48
2-Nitroaniline
Concen: 4.536 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125651.D
Acq: 25 Sep 2021 12:21

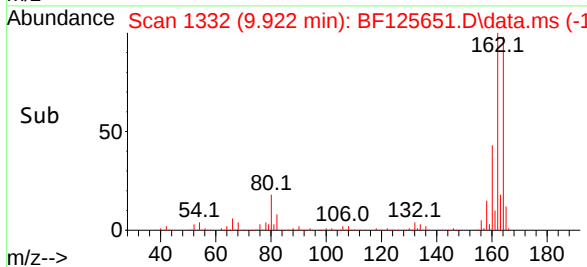
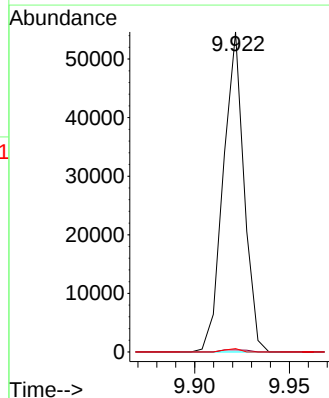
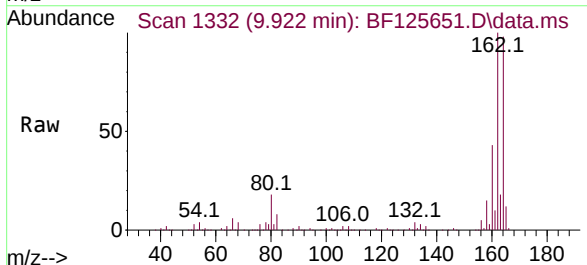
Instrument :
BNA_F
ClientSampleId :
SUP-UST-05-(6-8)

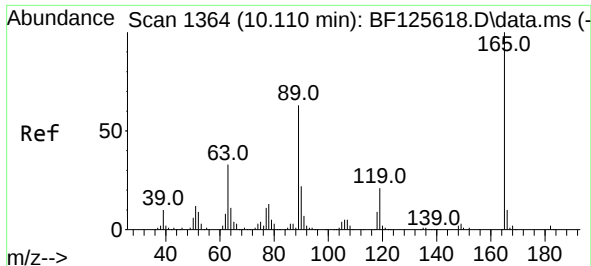
Tgt Ion: 65 Resp: 1941
Ion Ratio Lower Upper
65 100
92 211.9 55.5 83.3#
138 46.4 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.650 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125651.D
Acq: 25 Sep 2021 12:21

Tgt Ion:165 Resp: 41679
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 1.1 40.6 60.8#

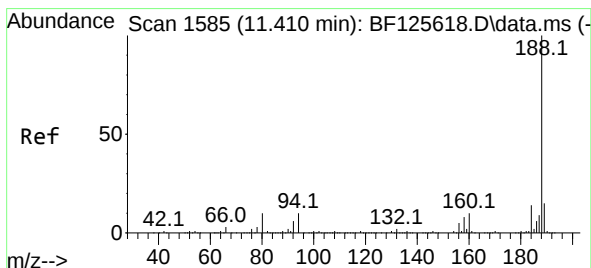
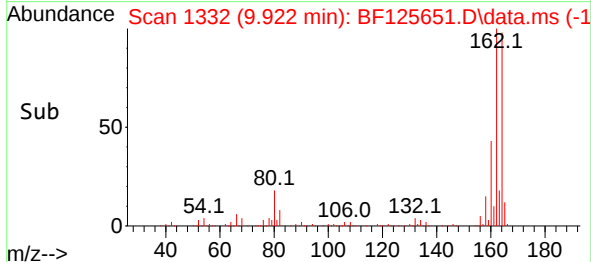
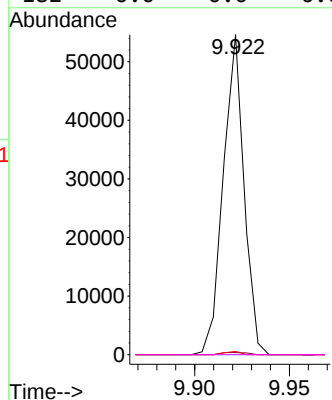
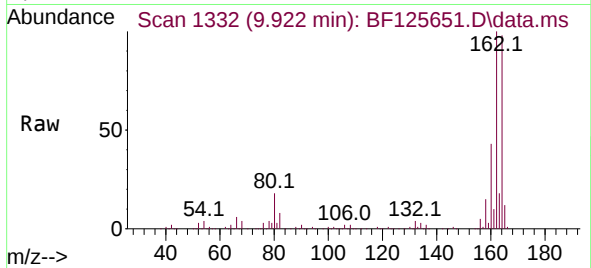




#57
2,4-Dinitrotoluene
Concen: 11.537 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125651.D
Acq: 25 Sep 2021 12:21

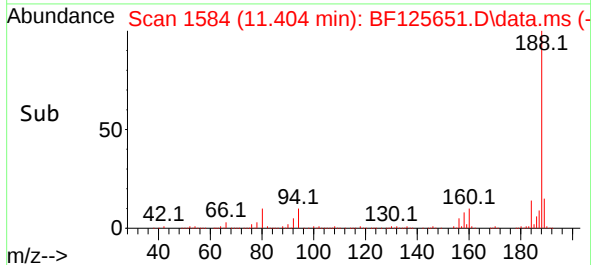
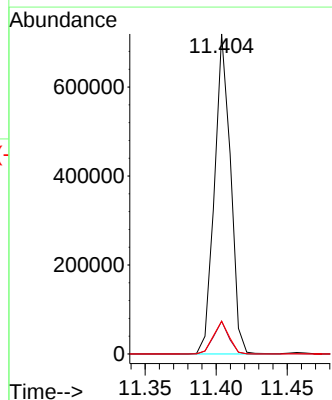
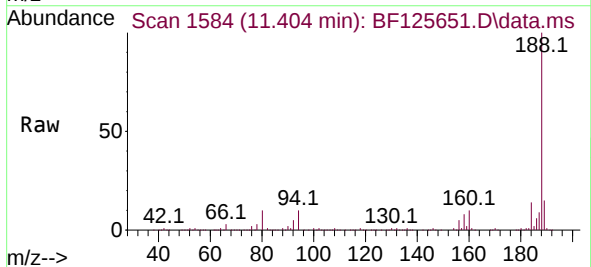
Instrument :
BNA_F
ClientSampleId :
SUP-UST-05-(6-8)

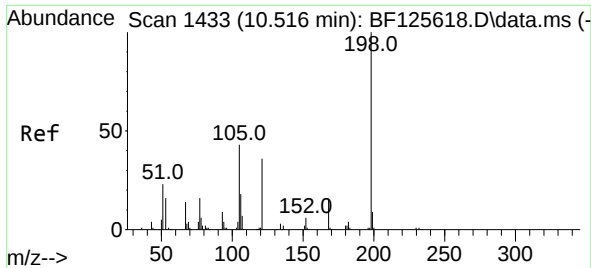
Tgt Ion:165 Resp: 41679
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125651.D
Acq: 25 Sep 2021 12:21

Tgt Ion:188 Resp: 564633
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.3 7.5 11.3

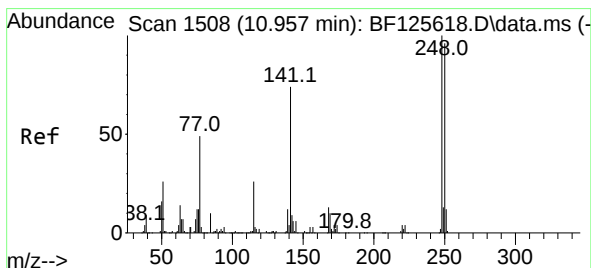
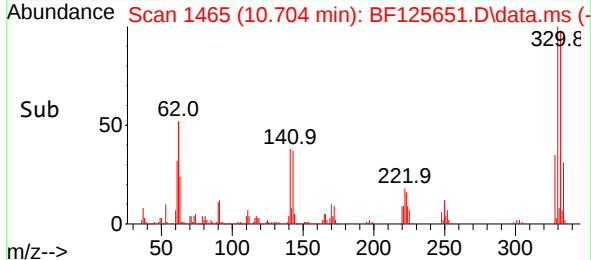
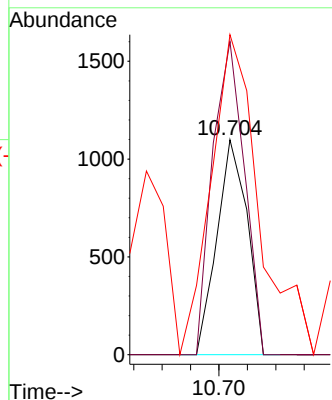
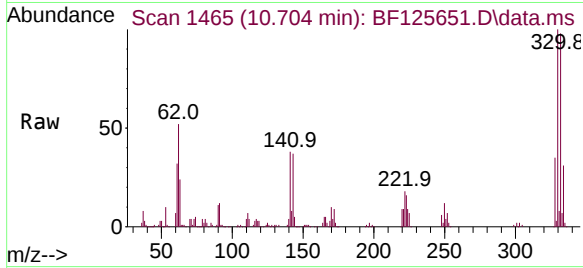




#65
4,6-Dinitro-2-methylphenol
Concen: 9.254 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF125651.D
Acq: 25 Sep 2021 12:21

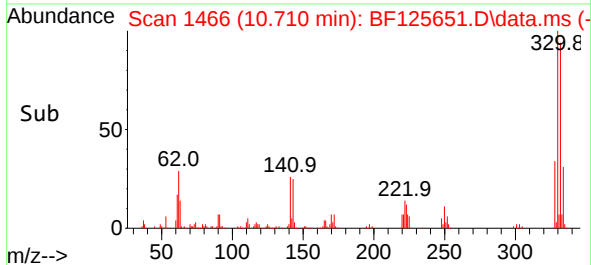
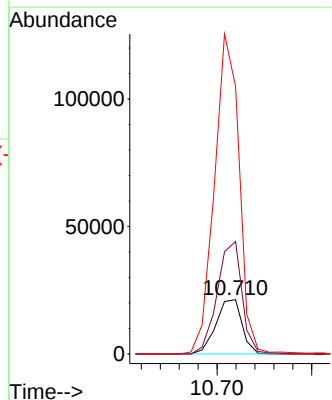
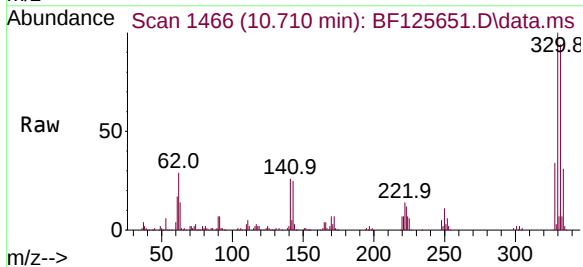
Instrument :
BNA_F
ClientSampleId :
SUP-UST-05-(6-8)

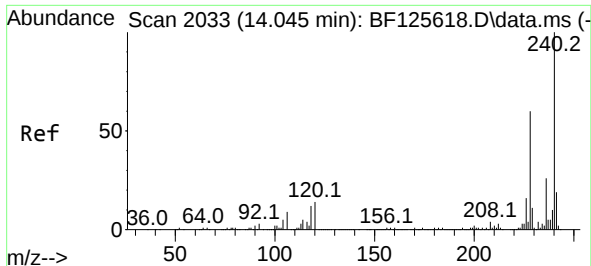
Tgt Ion:198 Resp: 814
Ion Ratio Lower Upper
198 100
51 145.8 45.3 85.3#
105 148.9 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.435 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125651.D
Acq: 25 Sep 2021 12:21

Tgt Ion:248 Resp: 20353
Ion Ratio Lower Upper
248 100
250 207.1 74.2 111.4#
141 493.0 60.4 90.6#

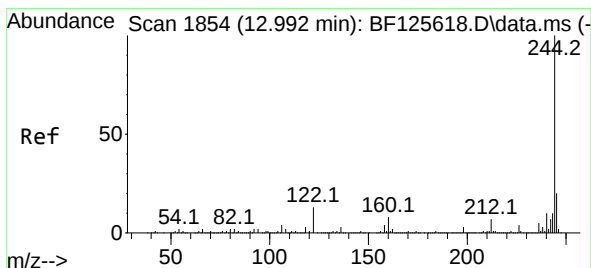
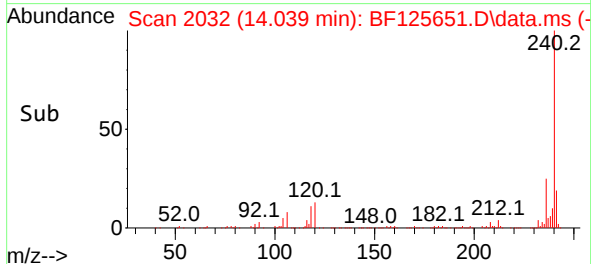
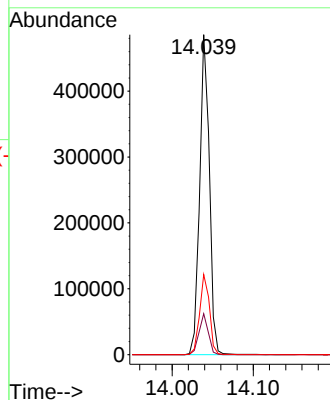
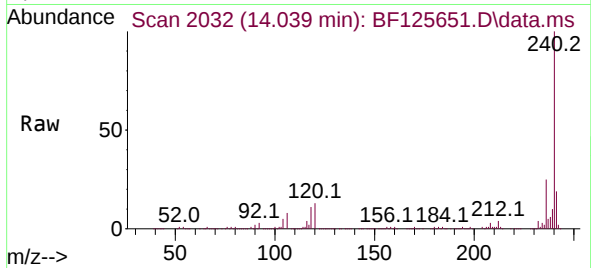




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125651.D
Acq: 25 Sep 2021 12:21

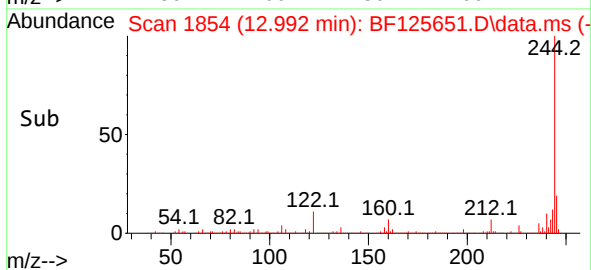
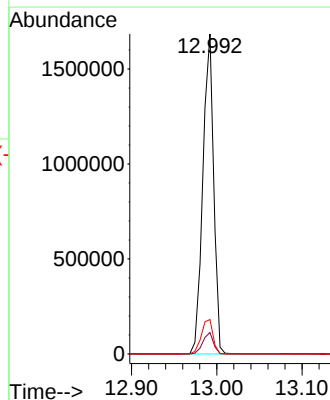
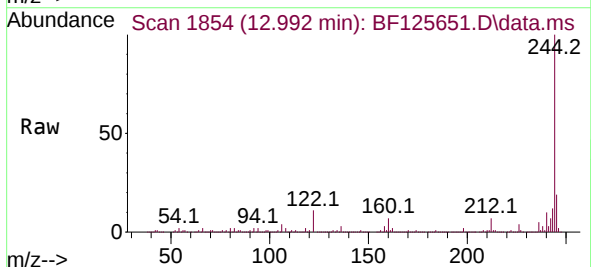
Instrument :
BNA_F
ClientSampleId :
SUP-UST-05-(6-8)

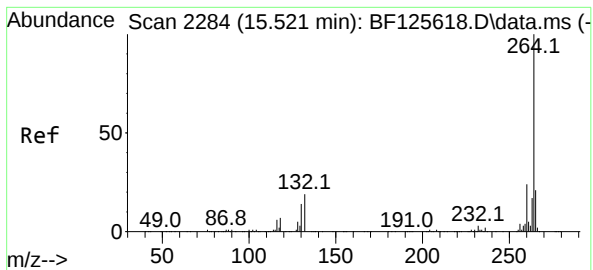
Tgt Ion:240 Resp: 403807
Ion Ratio Lower Upper
240 100
120 12.8 10.8 16.2
236 25.0 21.6 32.4



#79
Terphenyl-d14
Concen: 63.841 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125651.D
Acq: 25 Sep 2021 12:21

Tgt Ion:244 Resp: 1488615
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 10.8 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: BF125651.D
 Acq: 25 Sep 2021 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SUP-UST-05-(6-8)

Tgt Ion:264	Resp:	327854
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.6 29.4
265	21.4	17.2 25.8

