

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092721\
 Data File : BF125670.D
 Acq On : 27 Sep 2021 14:08
 Operator : JU/CG
 Sample : M3938-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-07(5-7)

Quant Time: Sep 27 14:48:46 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)

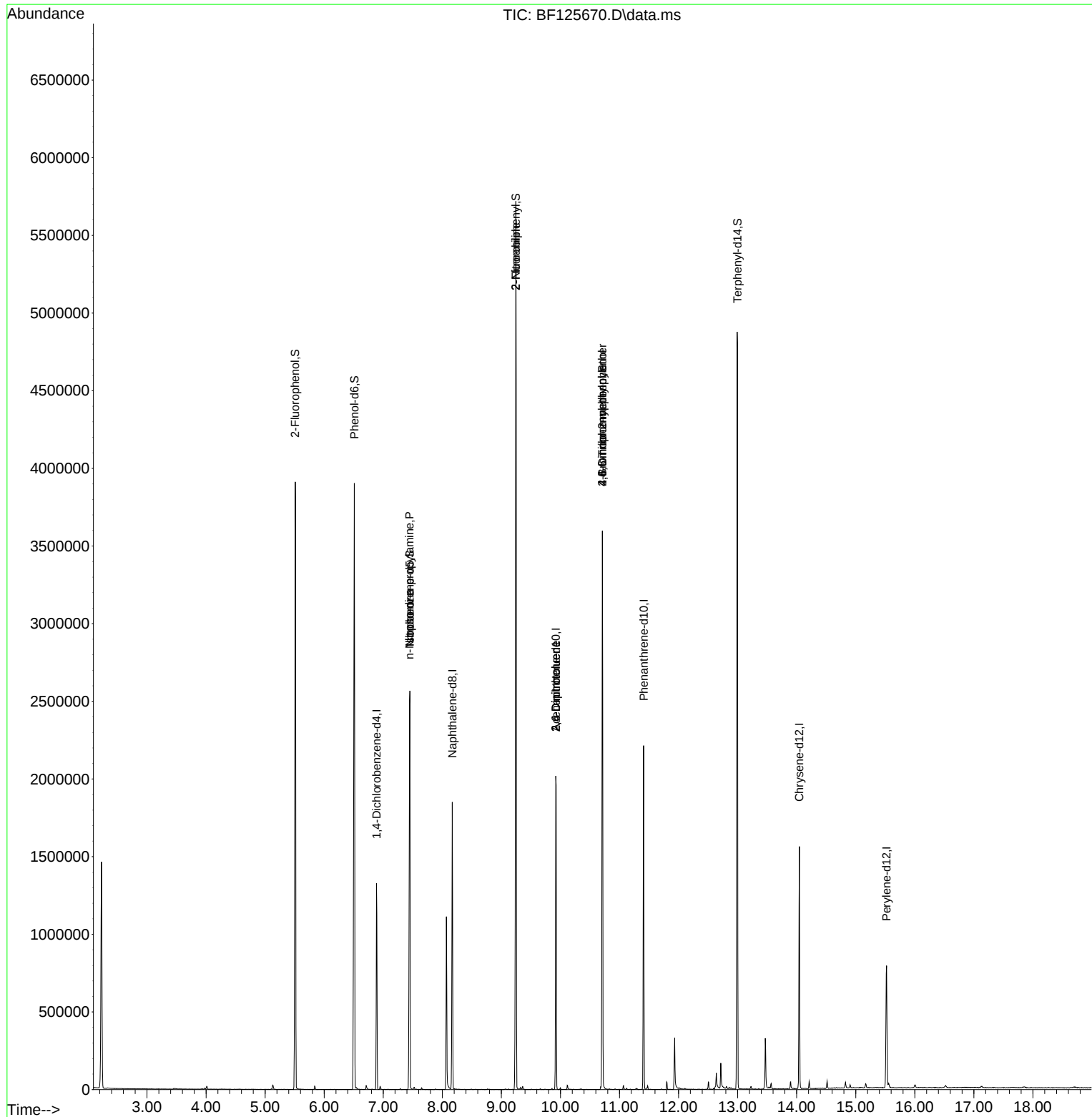
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	205555	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	842287	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	455643	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	773181	20.000	ng	0.00
76) Chrysene-d12	14.045	240	493187	20.000	ng	0.00
86) Perylene-d12	15.521	264	367008	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1335906	107.076	ng	0.00
7) Phenol-d6	6.510	99	1669140	99.511	ng	0.00
23) Nitrobenzene-d5	7.451	82	997118	82.572	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	480606	113.130	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1940806	74.954	ng	0.00
79) Terphenyl-d14	12.998	244	1841205	64.651	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	2417	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	124235	13.009	ng	# 51
25) Isophorone	7.451	82	997108	36.870	ng	# 59
48) 2-Nitroaniline	9.245	65	2596	4.519	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	56440	12.368	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	56440	11.315	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	956	9.219	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	27206	3.353	ng	# 1

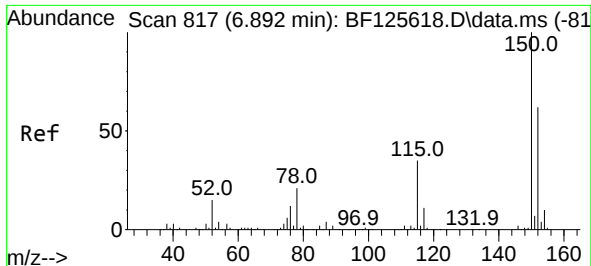
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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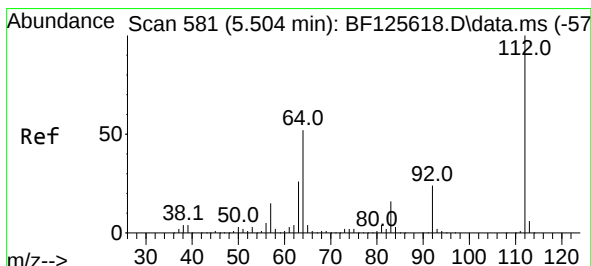
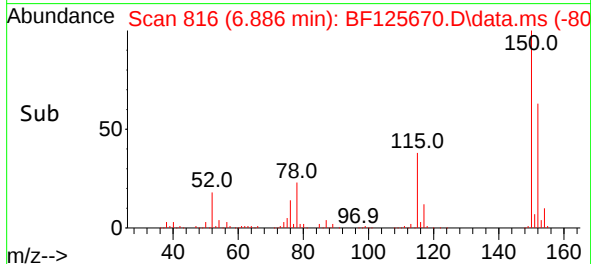
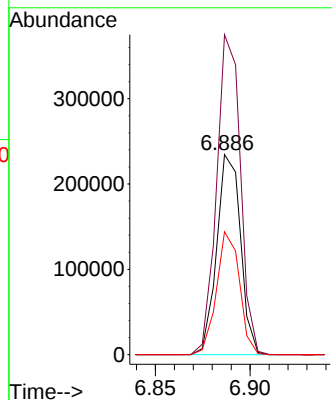
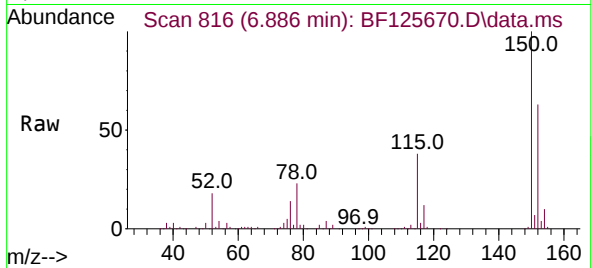




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125670.D
Acq: 27 Sep 2021 14:08

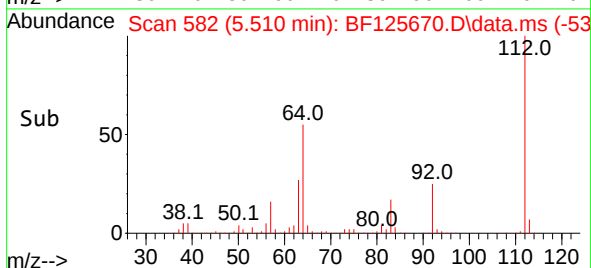
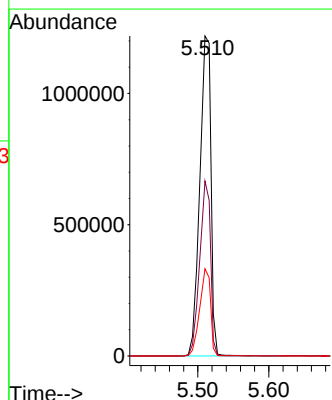
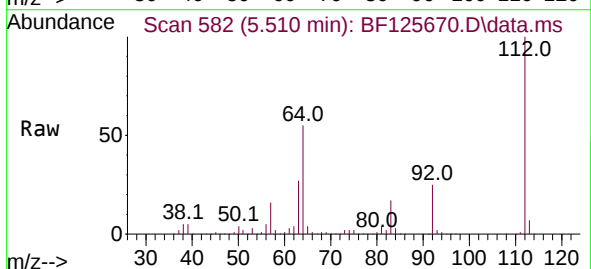
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-07(5-7)

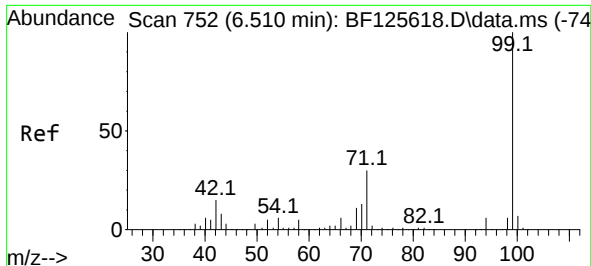
Tgt Ion:152 Resp: 205555
Ion Ratio Lower Upper
152 100
150 159.8 117.6 176.4
115 61.3 47.1 70.7



#5
2-Fluorophenol
Concen: 107.076 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125670.D
Acq: 27 Sep 2021 14:08

Tgt Ion:112 Resp: 1335906
Ion Ratio Lower Upper
112 100
64 54.6 44.2 66.2
63 27.3 26.2 39.2

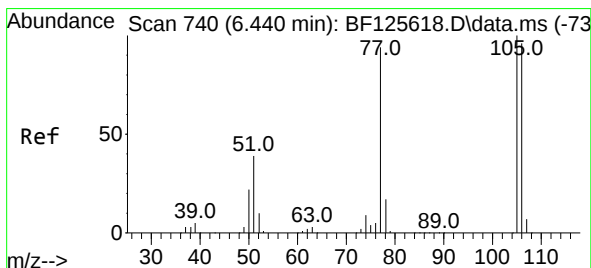
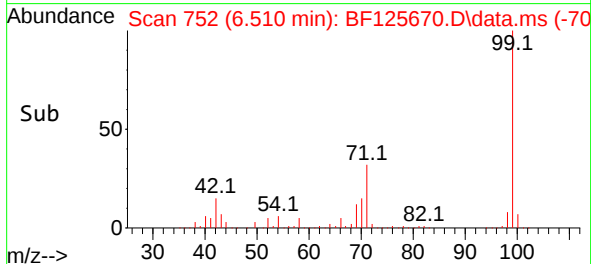
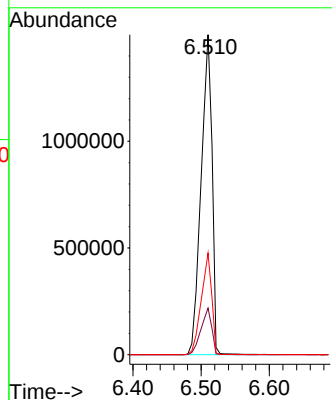
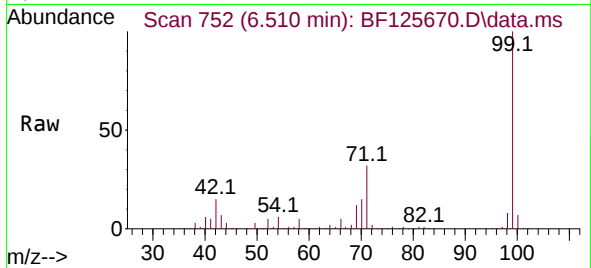




#7
Phenol-d6
Concen: 99.511 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125670.D
Acq: 27 Sep 2021 14:08

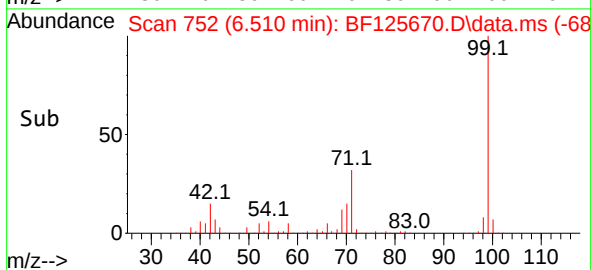
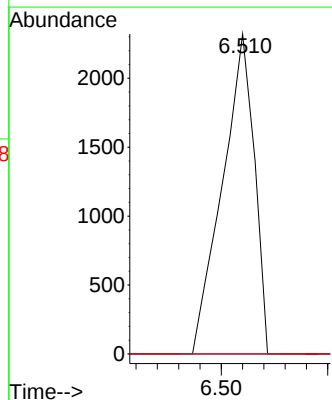
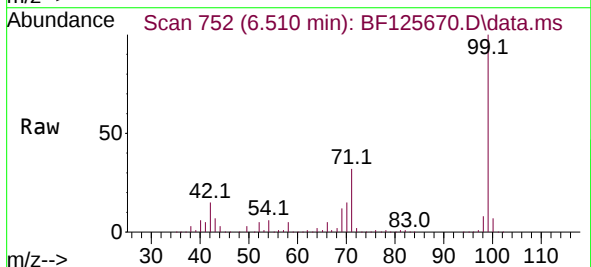
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-07(5-7)

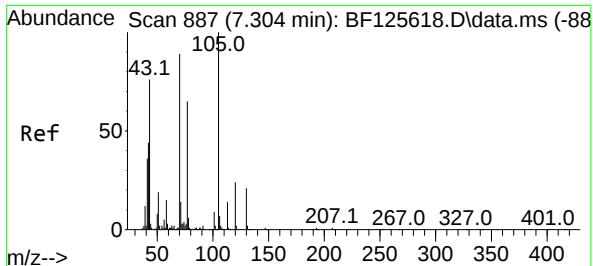
Tgt Ion: 99 Resp: 1669140
Ion Ratio Lower Upper
99 100
42 14.6 23.5 35.3#
71 31.8 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125670.D
Acq: 27 Sep 2021 14:08

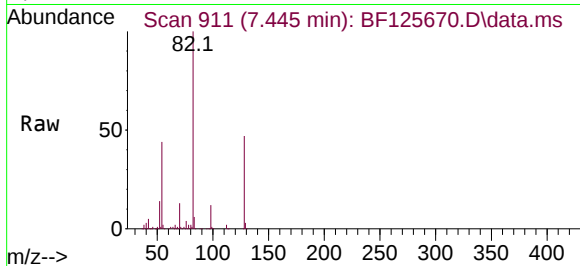
Tgt Ion: 77 Resp: 2417
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



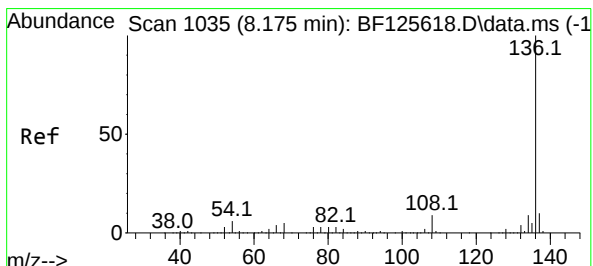
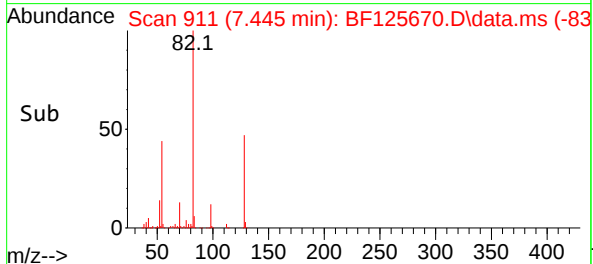
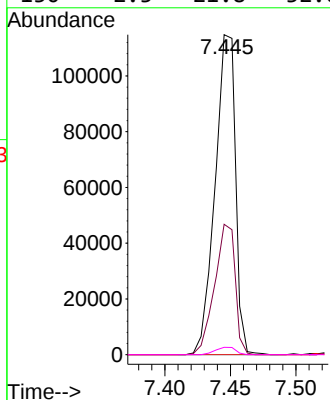


#19
n-Nitroso-di-n-propylamine
Concen: 13.009 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125670.D
Acq: 27 Sep 2021 14:08

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-07(5-7)

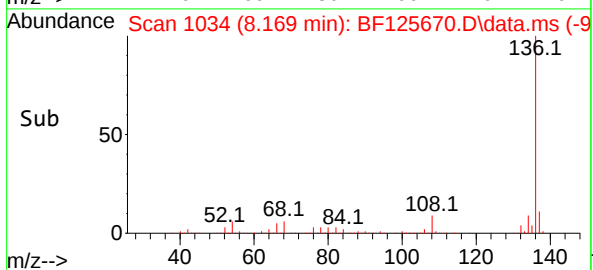
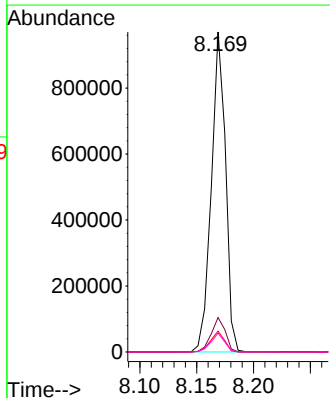
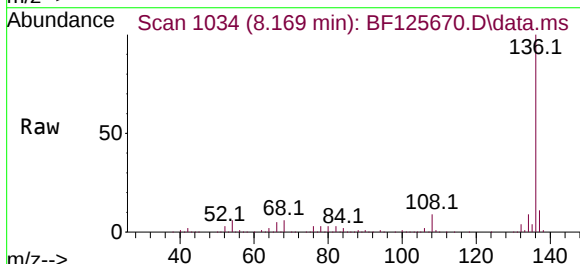


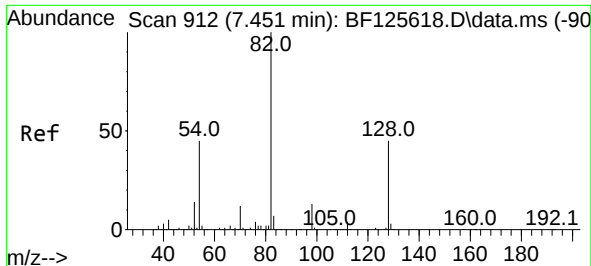
Tgt Ion	Ratio	Lower	Upper
70	100		
42	40.7	72.2	108.2#
101	0.0	7.8	11.8#
130	2.3	21.8	32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125670.D
Acq: 27 Sep 2021 14:08

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	6.5	6.4	9.6
68	5.9	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 82.572 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF125670.D

Acq: 27 Sep 2021 14:08

Instrument :

BNA_F

ClientSampleId :

SUB-SLAB-07(5-7)

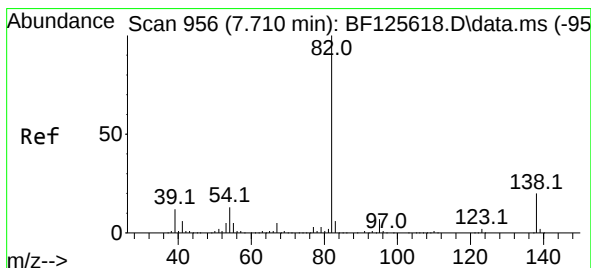
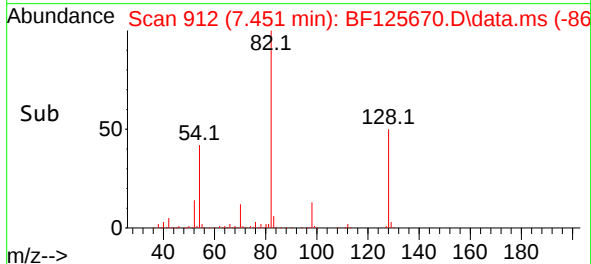
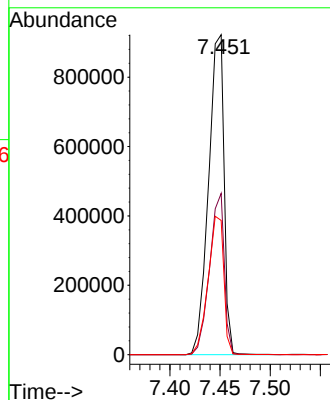
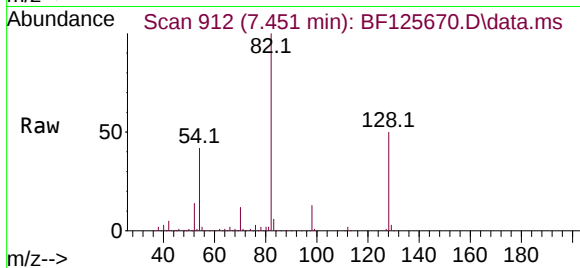
Tgt Ion: 82 Resp: 997118

Ion Ratio Lower Upper

82 100

128 50.4 40.6 60.8

54 42.0 49.6 74.4#



#25

Isophorone

Concen: 36.870 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.259 min

Lab File: BF125670.D

Acq: 27 Sep 2021 14:08

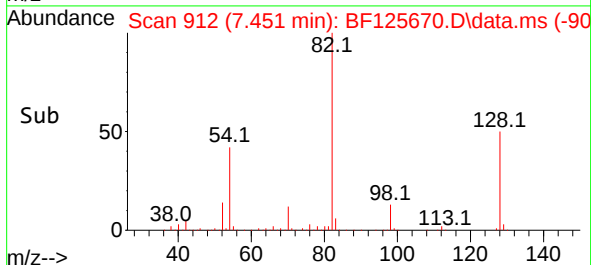
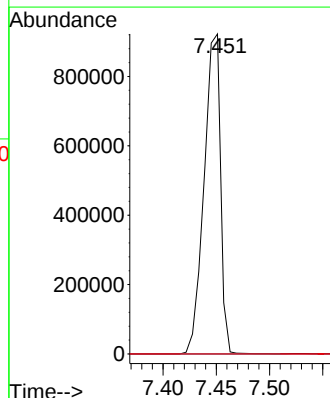
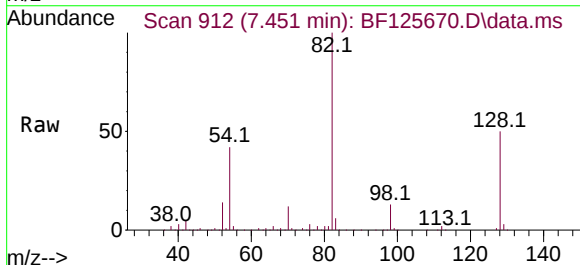
Tgt Ion: 82 Resp: 997108

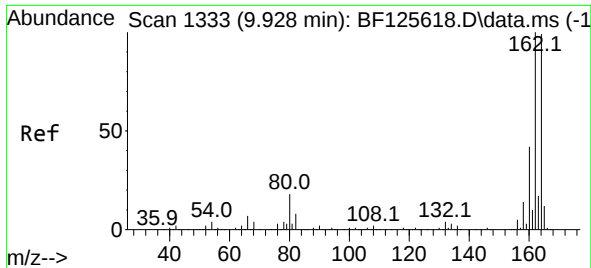
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

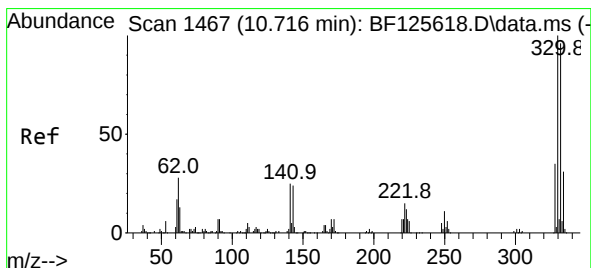
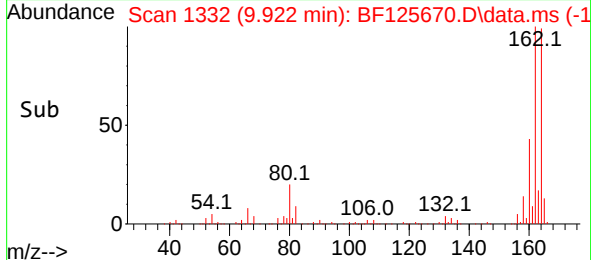
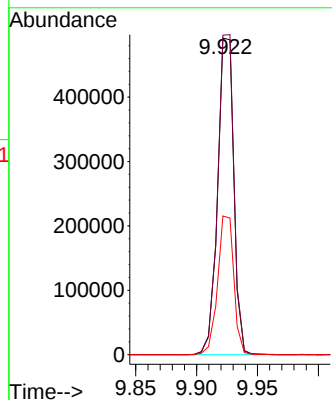
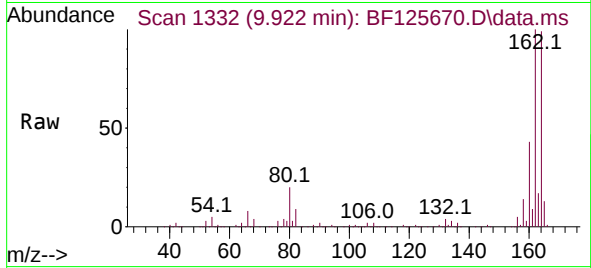




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125670.D
Acq: 27 Sep 2021 14:08

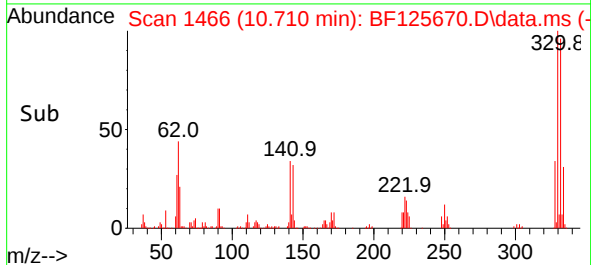
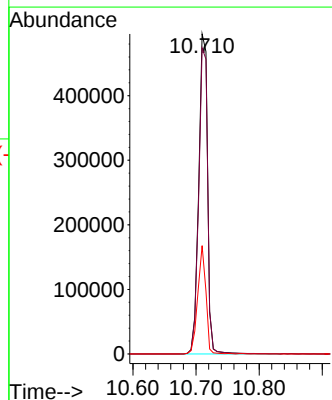
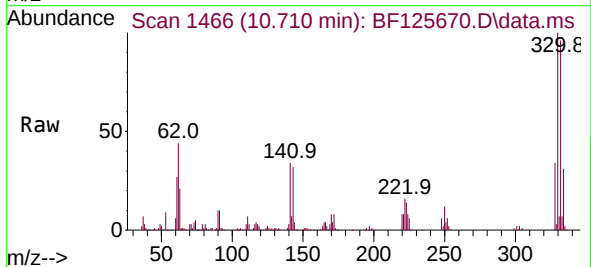
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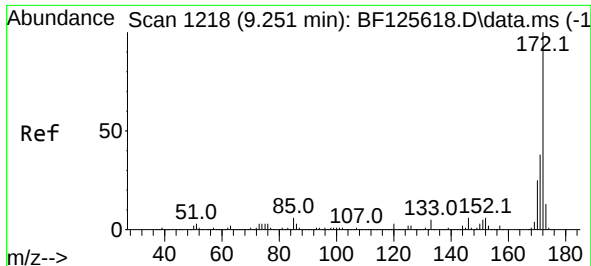
Tgt Ion:164 Resp: 455643
Ion Ratio Lower Upper
164 100
162 100.9 81.3 121.9
160 43.8 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 113.130 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125670.D
Acq: 27 Sep 2021 14:08

Tgt Ion:330 Resp: 480606
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 31.1 44.6 66.8#

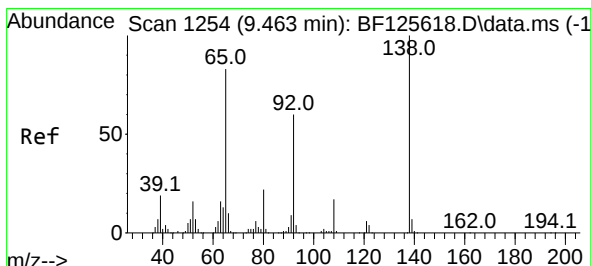
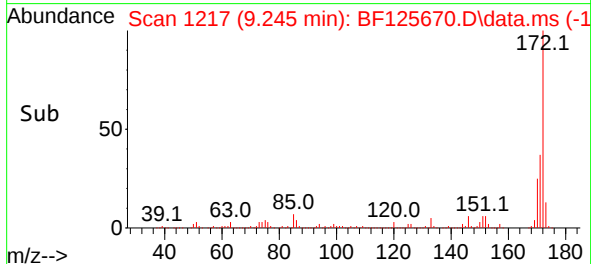
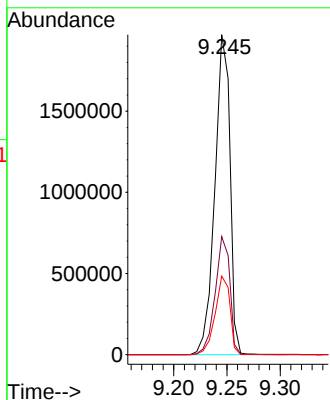
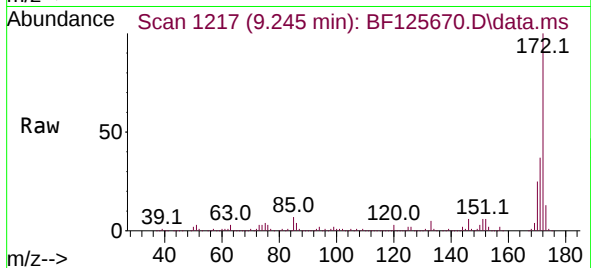




#45
2-Fluorobiphenyl
Concen: 74.954 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125670.D
Acq: 27 Sep 2021 14:08

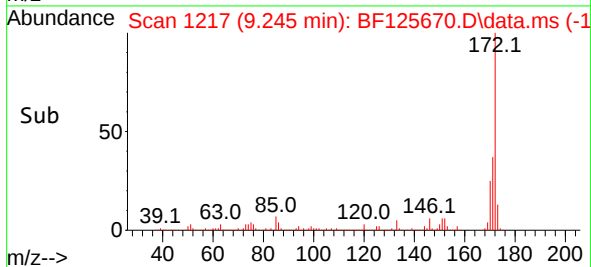
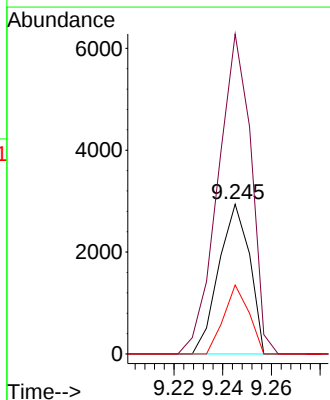
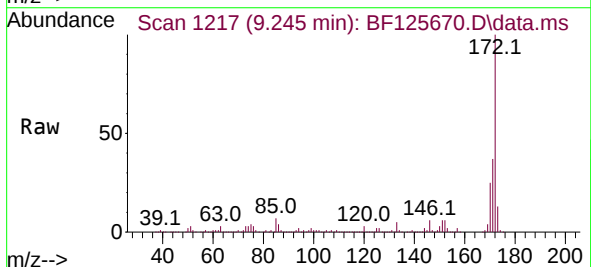
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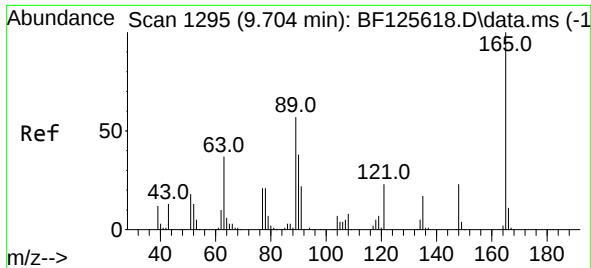
Tgt Ion:172 Resp: 1940806
Ion Ratio Lower Upper
172 100
171 36.9 26.5 39.7
170 24.5 18.8 28.2



#48
2-Nitroaniline
Concen: 4.519 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125670.D
Acq: 27 Sep 2021 14:08

Tgt Ion: 65 Resp: 2596
Ion Ratio Lower Upper
65 100
92 213.7 55.5 83.3#
138 46.1 93.5 140.3#

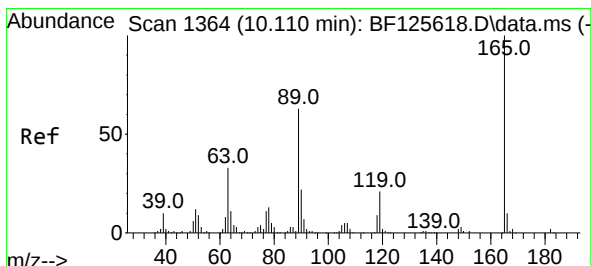
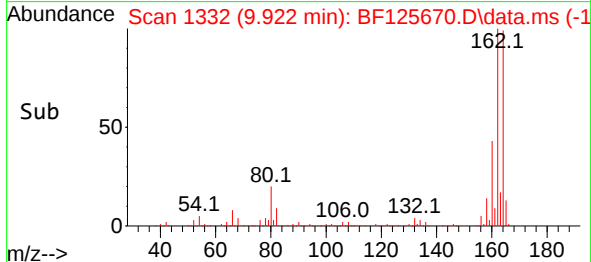
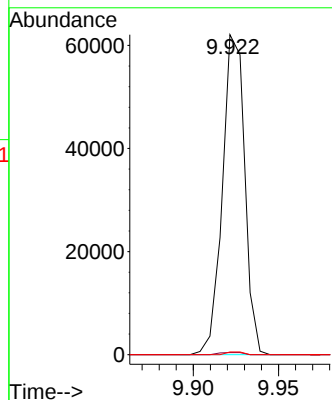
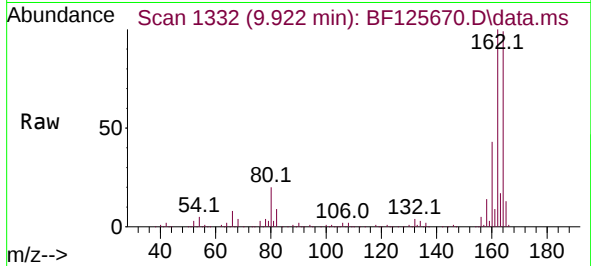




#51
2,6-Dinitrotoluene
Concen: 12.368 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125670.D
Acq: 27 Sep 2021 14:08

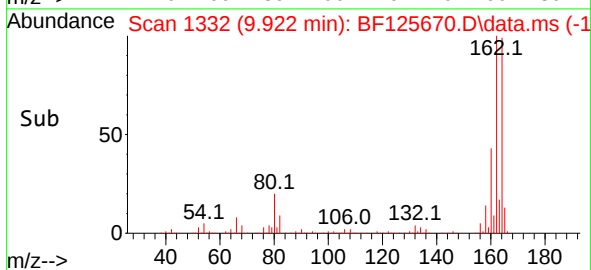
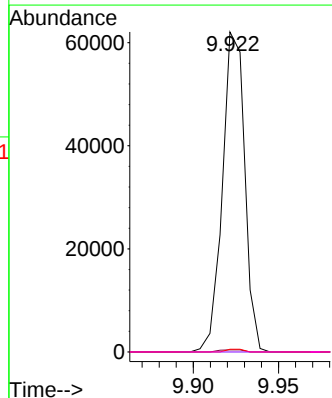
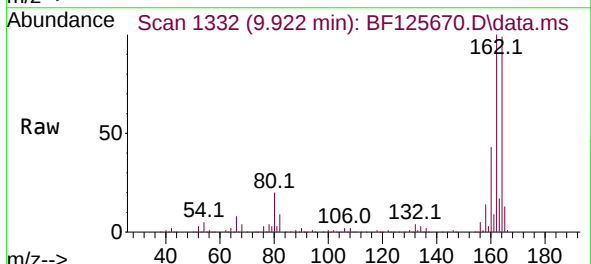
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-07(5-7)

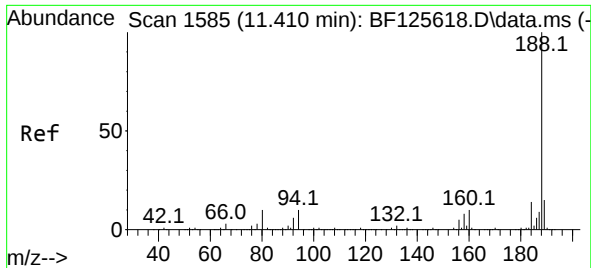
Tgt Ion:165 Resp: 56440
Ion Ratio Lower Upper
165 100
63 0.6 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.315 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125670.D
Acq: 27 Sep 2021 14:08

Tgt Ion:165 Resp: 56440
Ion Ratio Lower Upper
165 100
63 0.6 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

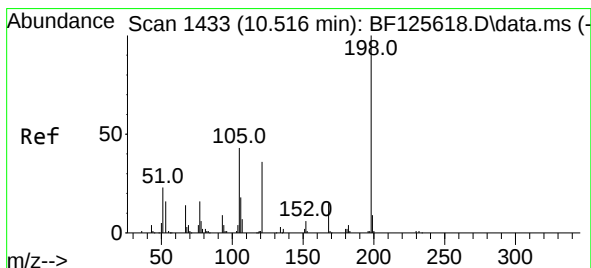
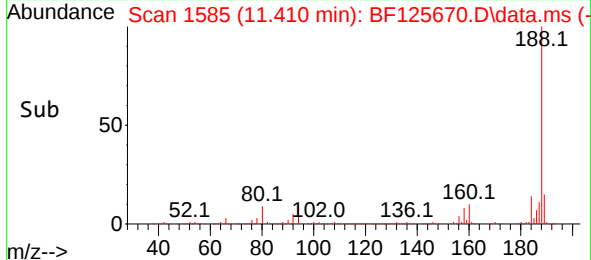
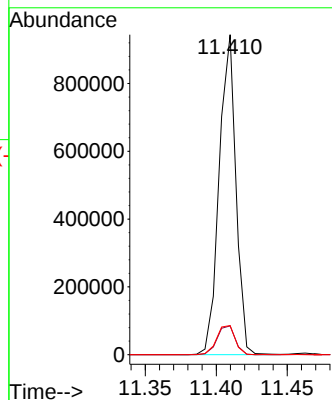
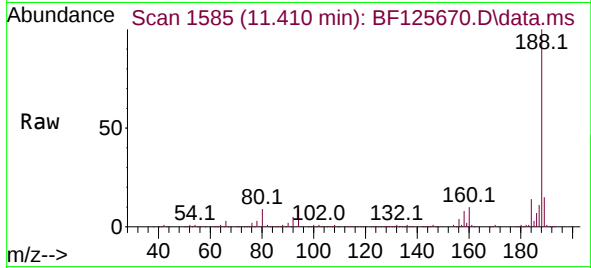




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125670.D
Acq: 27 Sep 2021 14:08

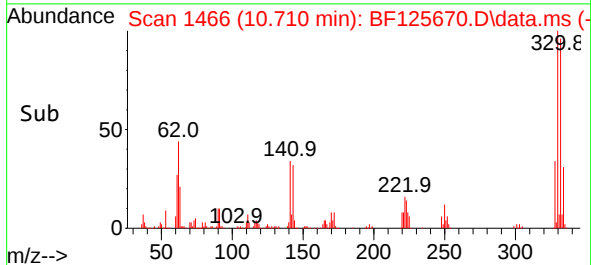
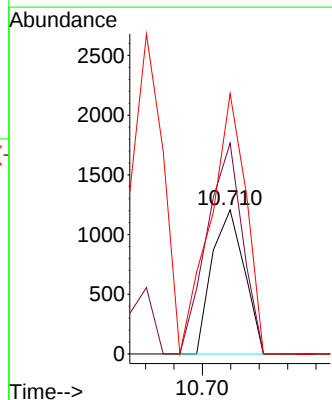
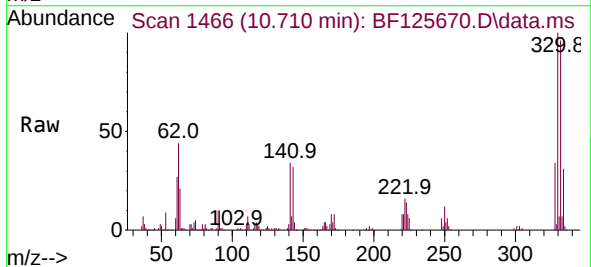
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-07(5-7)

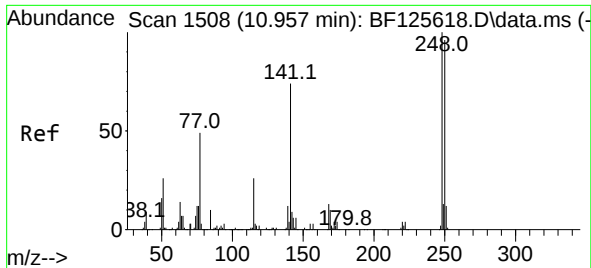
Tgt Ion:188 Resp: 773181
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.1 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.219 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125670.D
Acq: 27 Sep 2021 14:08

Tgt Ion:198 Resp: 956
Ion Ratio Lower Upper
198 100
51 146.4 45.3 85.3#
105 180.8 30.6 70.6#

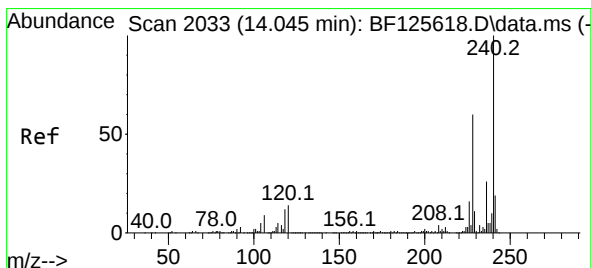
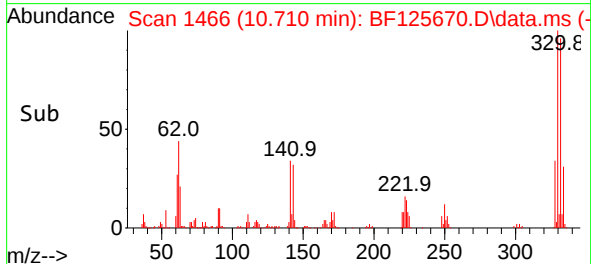
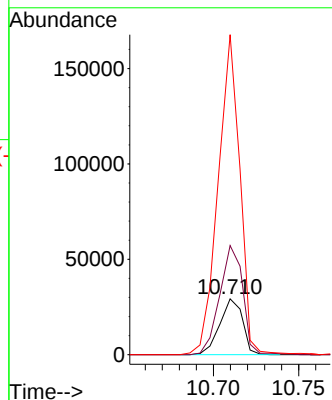
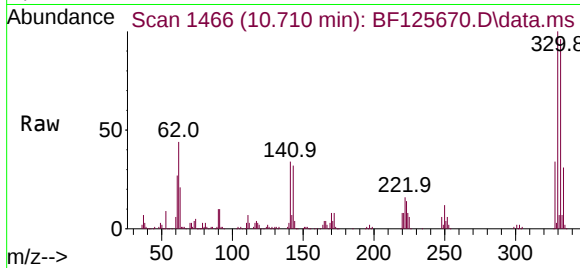




#67
4-Bromophenyl-phenylether
Concen: 3.353 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125670.D
Acq: 27 Sep 2021 14:08

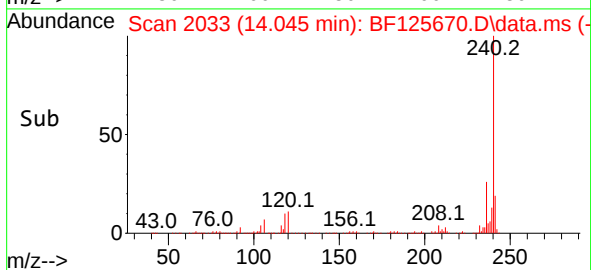
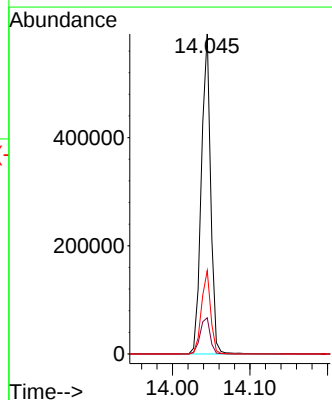
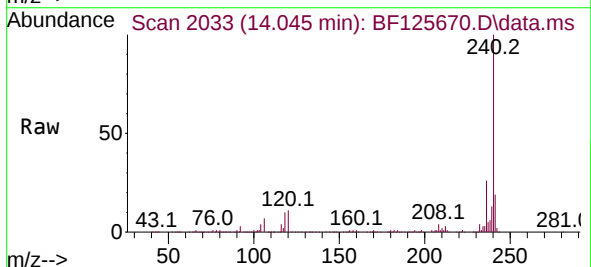
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-07(5-7)

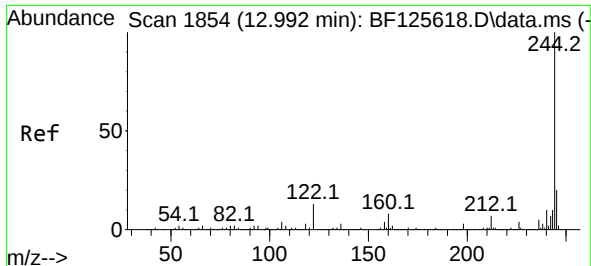
Tgt Ion:248 Resp: 27206
Ion Ratio Lower Upper
248 100
250 195.5 74.2 111.4#
141 573.2 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125670.D
Acq: 27 Sep 2021 14:08

Tgt Ion:240 Resp: 493187
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 26.0 21.6 32.4

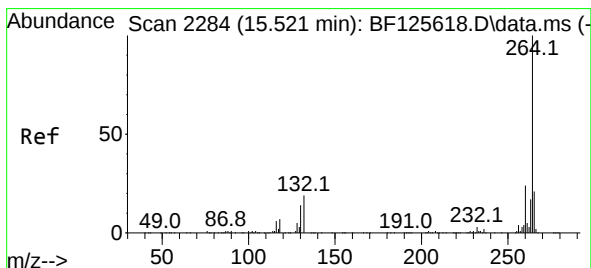
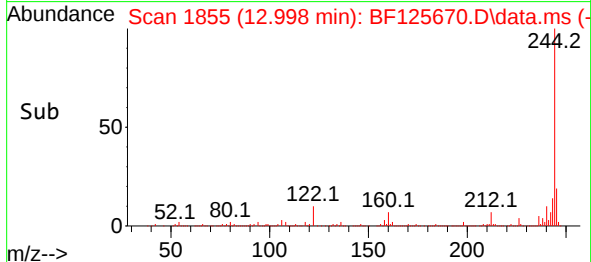
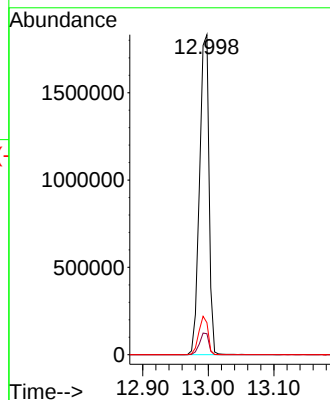
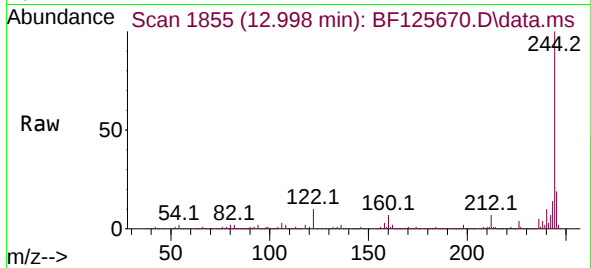




#79
 Terphenyl-d14
 Concen: 64.651 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF125670.D
 Acq: 27 Sep 2021 14:08

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-07(5-7)

Tgt Ion:244 Resp: 1841205
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 10.0 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF125670.D
 Acq: 27 Sep 2021 14:08

Tgt Ion:264 Resp: 367008
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 21.0 17.2 25.8

