

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
 Data File : BF125661.D
 Acq On : 25 Sep 2021 17:33
 Operator : JU/CG
 Sample : M3908-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-06-(6-8)

Quant Time: Sep 27 01:23:06 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)

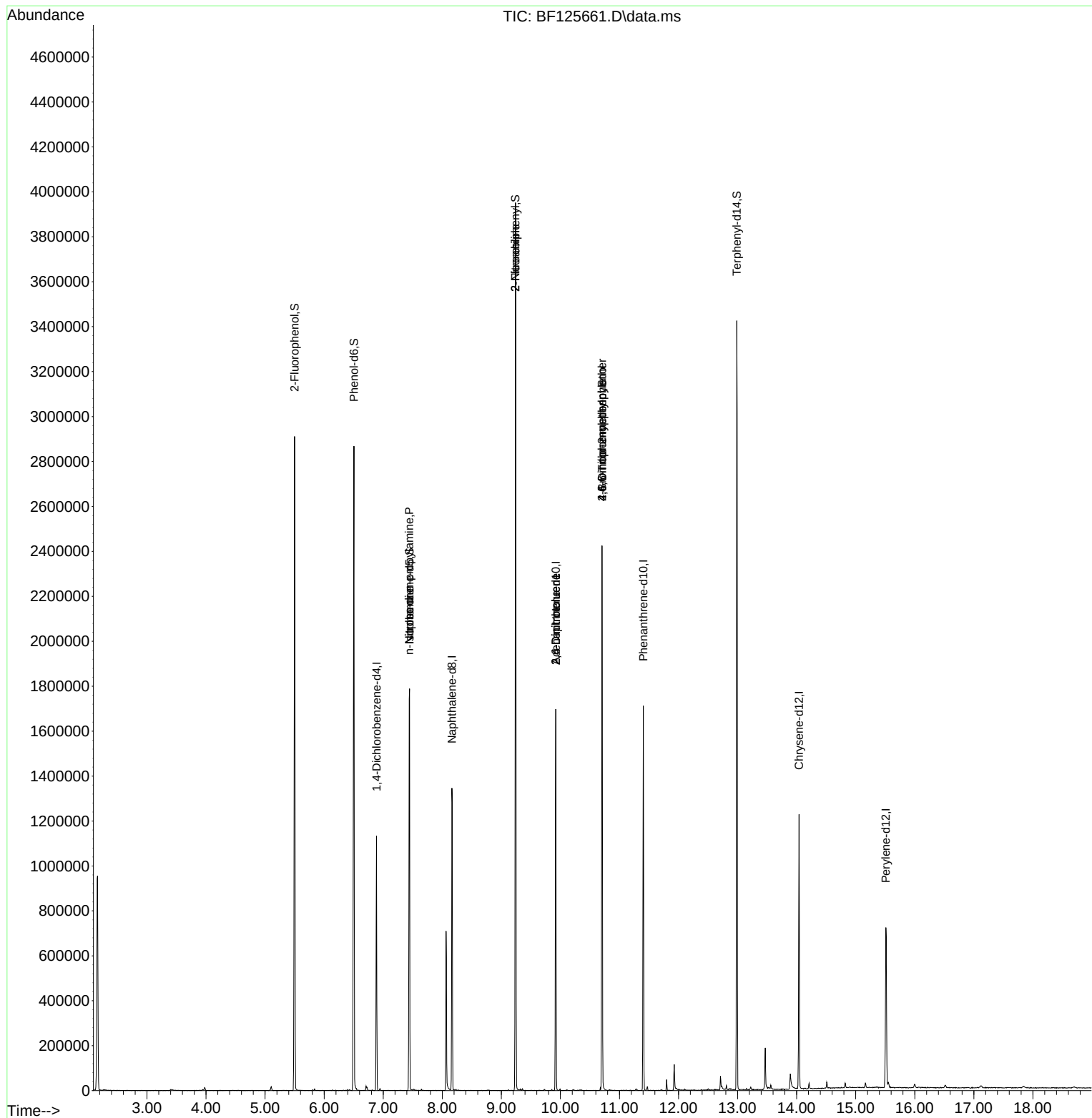
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	154604	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	631258	20.000	ng	#-0.01
39) Acenaphthene-d10	9.922	164	332584	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	568220	20.000	ng	0.00
76) Chrysene-d12	14.039	240	381299	20.000	ng	0.00
86) Perylene-d12	15.510	264	335633	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	876890	93.447	ng	0.00
7) Phenol-d6	6.504	99	1041456	82.552	ng	0.00
23) Nitrobenzene-d5	7.445	82	614914	67.944	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	303198	97.777	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1229838	62.977	ng	-0.01
79) Terphenyl-d14	12.986	244	1168344	53.063	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1562	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.440	70	75625	10.528	ng	# 51
25) Isophorone	7.445	82	614904	30.338	ng	# 59
48) 2-Nitroaniline	9.239	65	1685	4.479	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	40857	12.300	ng	# 28
57) 2,4-Dinitrotoluene	9.922	165	40857	11.261	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.704	198	603	9.190	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	17002	2.851	ng	# 1

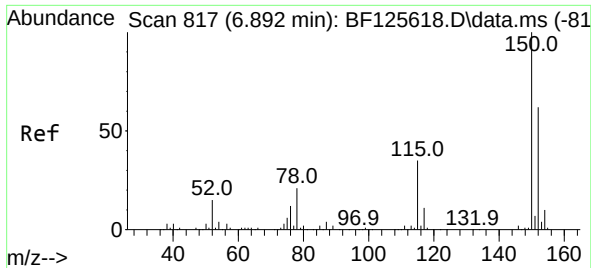
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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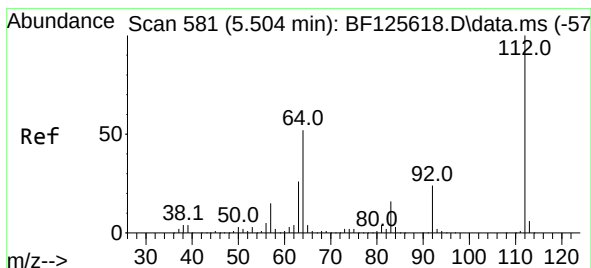
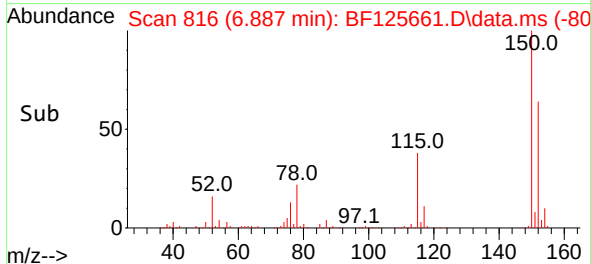
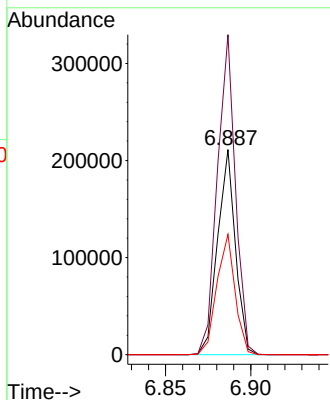
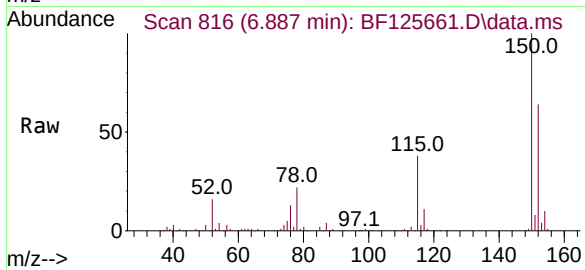




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125661.D
Acq: 25 Sep 2021 17:33

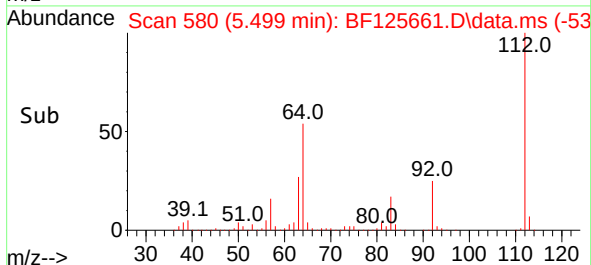
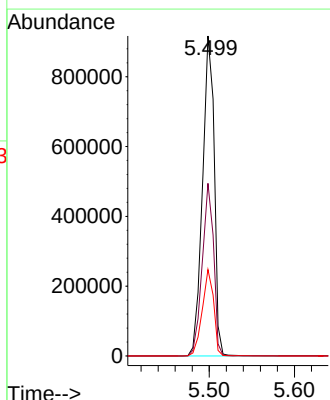
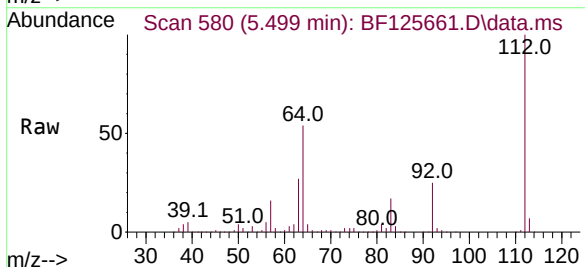
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-06-(6-8)

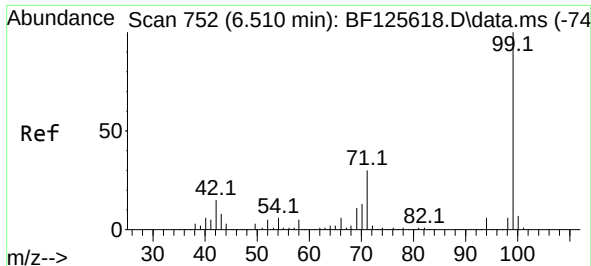
Tgt Ion:152 Resp: 154604
Ion Ratio Lower Upper
152 100
150 156.0 117.6 176.4
115 58.7 47.1 70.7



#5
2-Fluorophenol
Concen: 93.447 ng
RT: 5.499 min Scan# 580
Delta R.T. -0.005 min
Lab File: BF125661.D
Acq: 25 Sep 2021 17:33

Tgt Ion:112 Resp: 876890
Ion Ratio Lower Upper
112 100
64 54.0 44.2 66.2
63 27.0 26.2 39.2

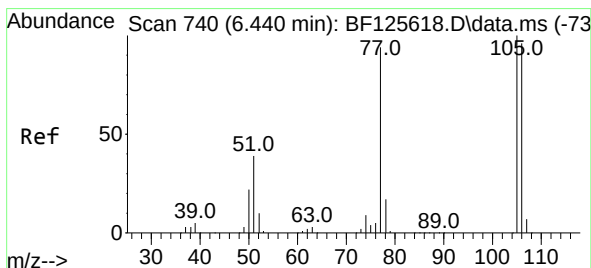
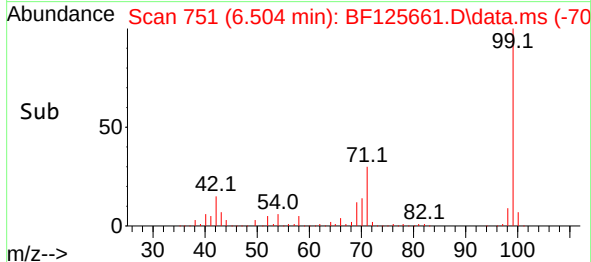
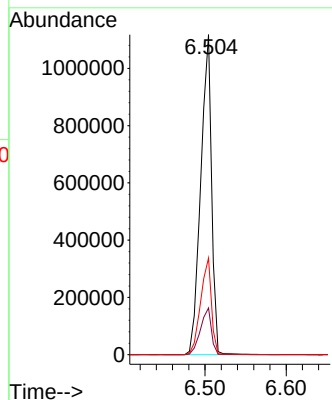
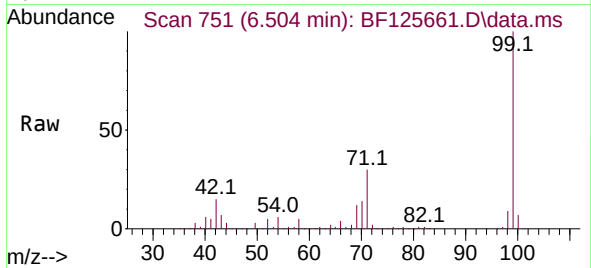




#7
Phenol-d6
Concen: 82.552 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125661.D
Acq: 25 Sep 2021 17:33

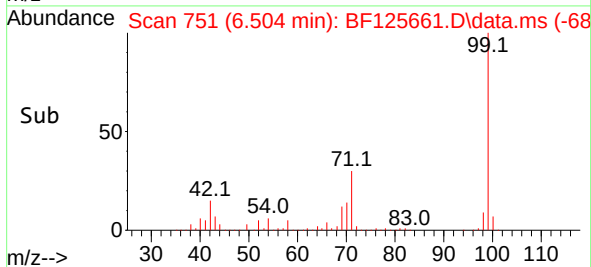
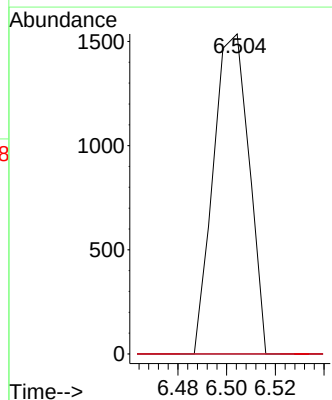
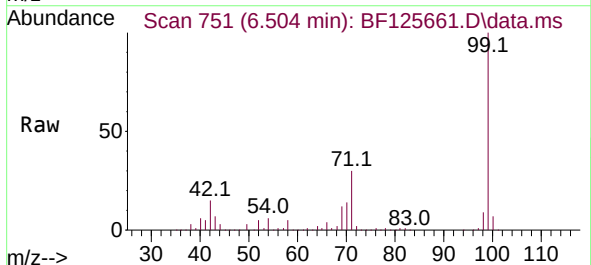
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-06-(6-8)

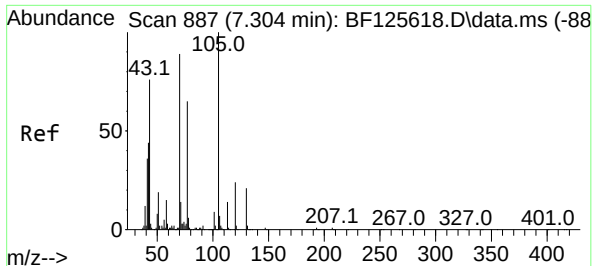
Tgt Ion: 99 Resp: 1041456
Ion Ratio Lower Upper
99 100
42 14.6 23.5 35.3#
71 30.2 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.064 min
Lab File: BF125661.D
Acq: 25 Sep 2021 17:33

Tgt Ion: 77 Resp: 1562
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

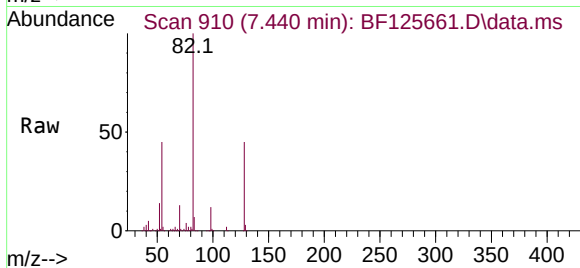




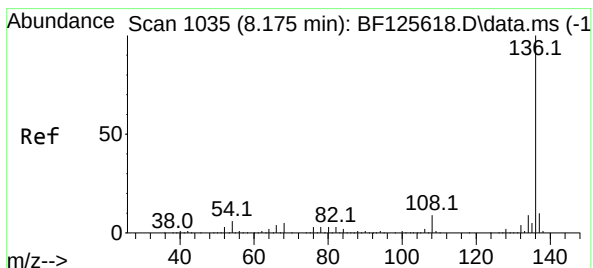
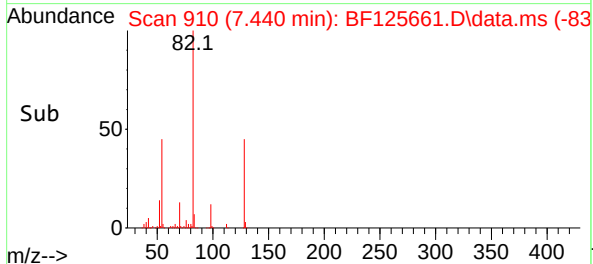
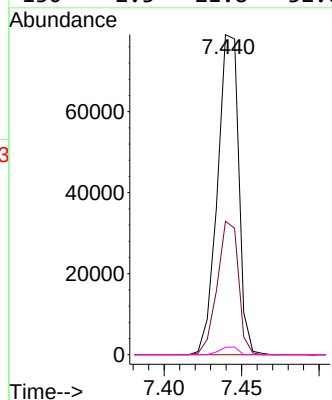
#19

n-Nitroso-di-n-propylamine
Concen: 10.528 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.136 min
Lab File: BF125661.D
Acq: 25 Sep 2021 17:33

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-06-(6-8)



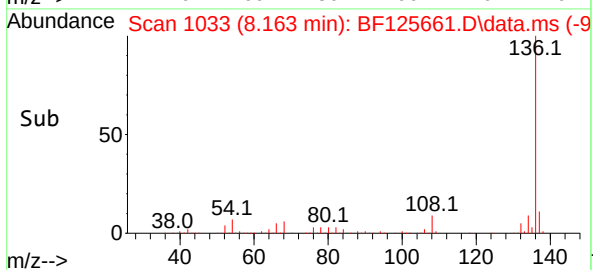
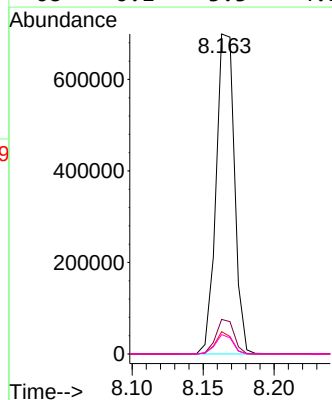
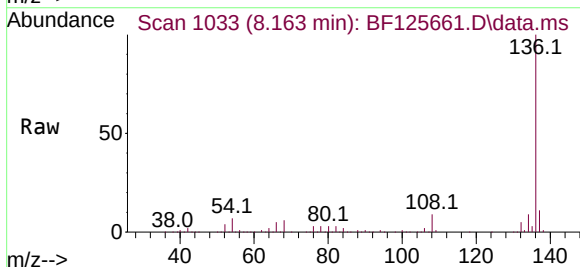
Tgt Ion: 70	Resp: 75625
Ion Ratio	Lower Upper
70	100
42	41.7 72.2 108.2#
101	0.0 7.8 11.8#
130	2.3 21.8 32.6#

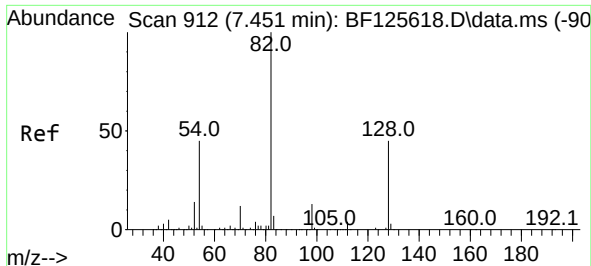


#21

Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF125661.D
Acq: 25 Sep 2021 17:33

Tgt Ion: 136	Resp: 631258
Ion Ratio	Lower Upper
136	100
137	10.8 9.8 14.6
54	7.0 6.4 9.6
68	6.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 67.944 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125661.D

Acq: 25 Sep 2021 17:33

Instrument :

BNA_F

ClientSampleId :

SUB-SLAB-06-(6-8)

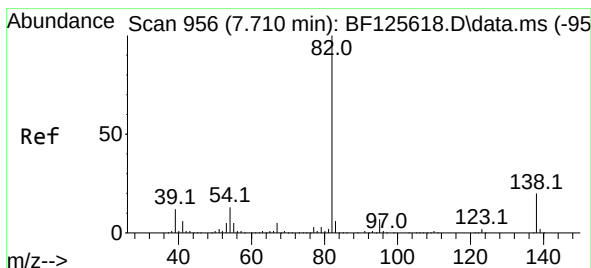
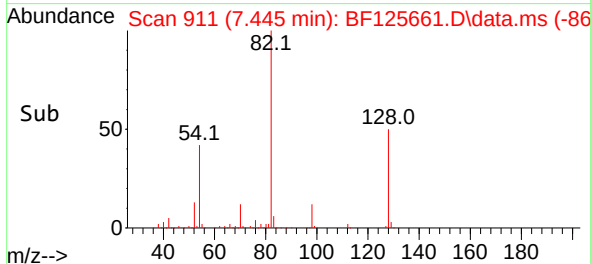
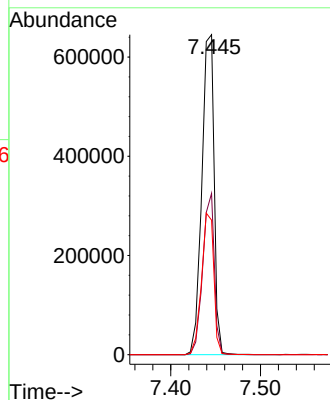
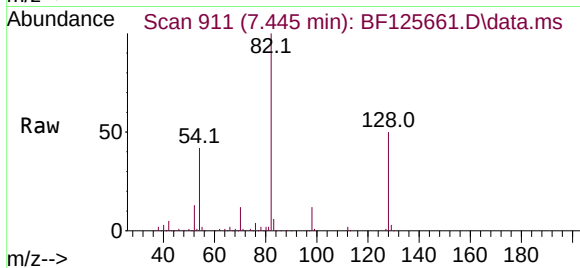
Tgt Ion: 82 Resp: 614914

Ion Ratio Lower Upper

82 100

128 50.4 40.6 60.8

54 42.0 49.6 74.4#



#25

Isophorone

Concen: 30.338 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF125661.D

Acq: 25 Sep 2021 17:33

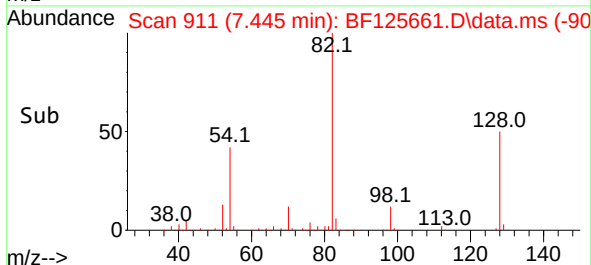
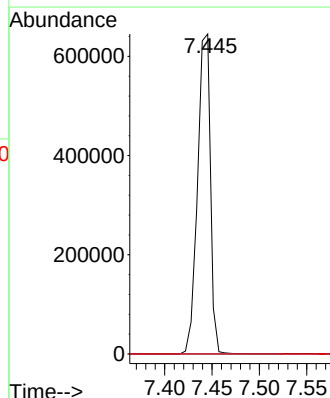
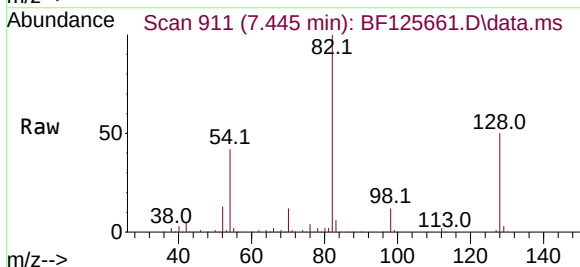
Tgt Ion: 82 Resp: 614904

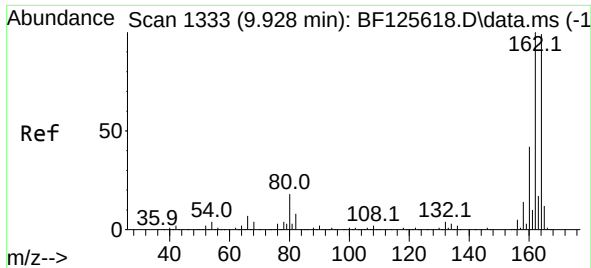
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

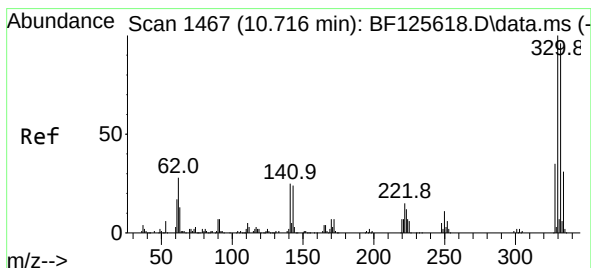
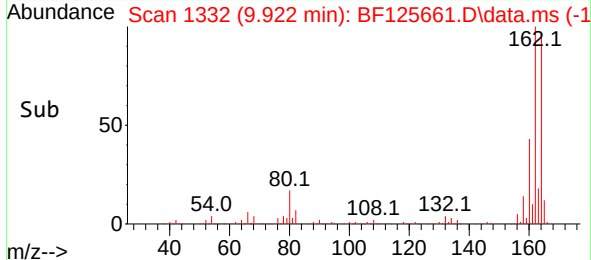
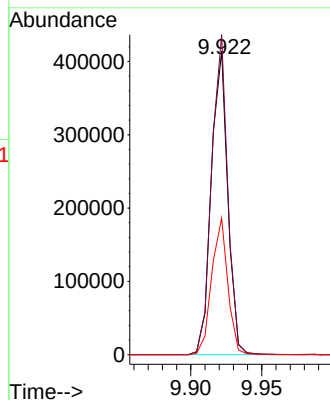
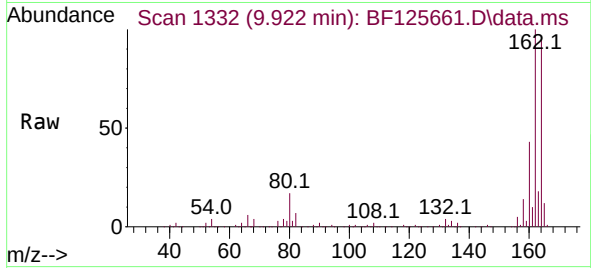




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125661.D
Acq: 25 Sep 2021 17:33

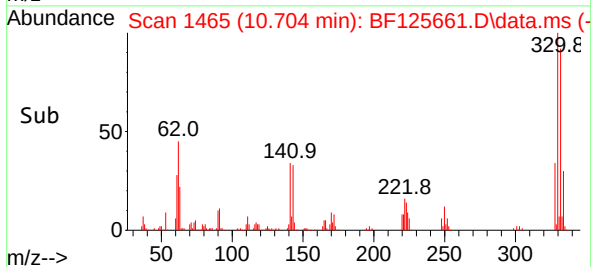
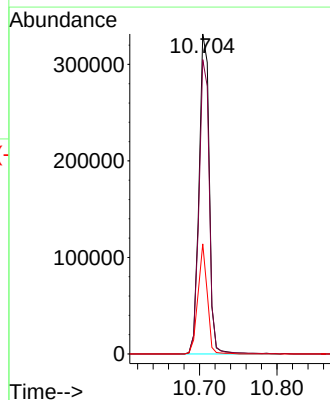
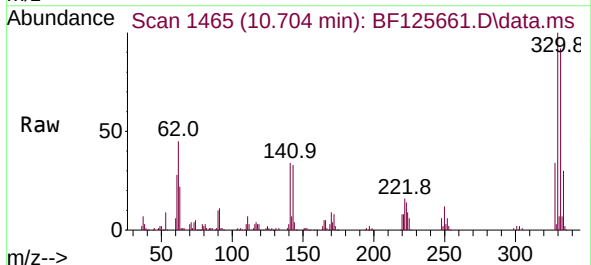
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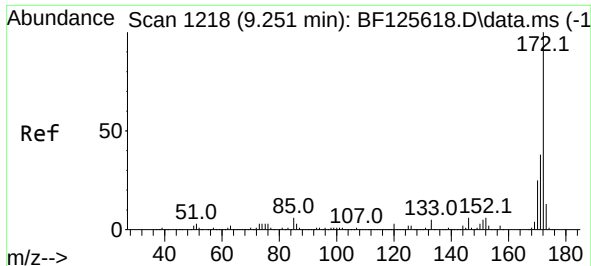
Tgt Ion:164 Resp: 332584
Ion Ratio Lower Upper
164 100
162 105.4 81.3 121.9
160 45.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 97.777 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF125661.D
Acq: 25 Sep 2021 17:33

Tgt Ion:330 Resp: 303198
Ion Ratio Lower Upper
330 100
332 93.2 76.2 114.4
141 31.1 44.6 66.8#

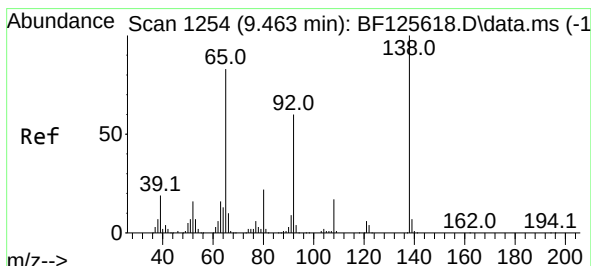
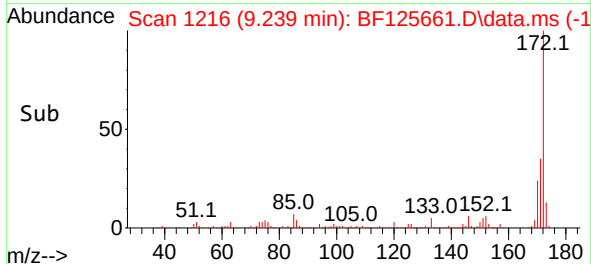
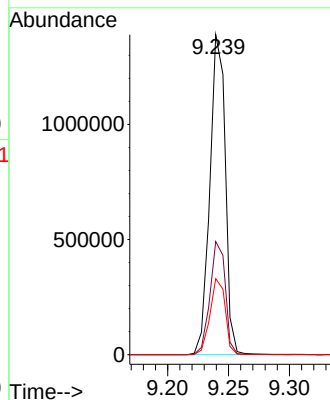
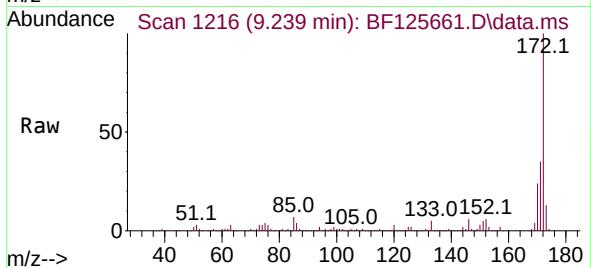




#45
2-Fluorobiphenyl
Concen: 62.977 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF125661.D
Acq: 25 Sep 2021 17:33

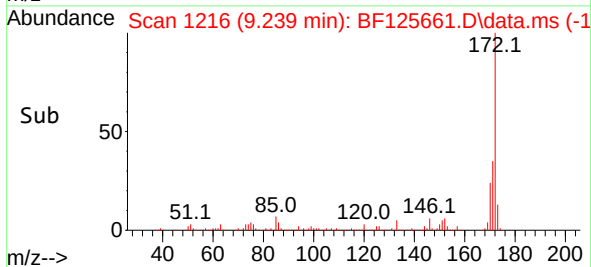
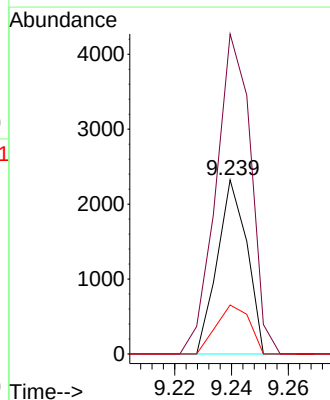
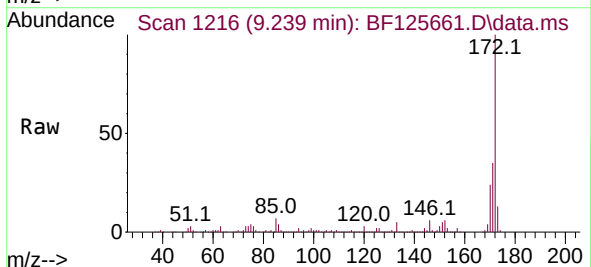
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BNA_F
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SUB-SLAB-06-(6-8)

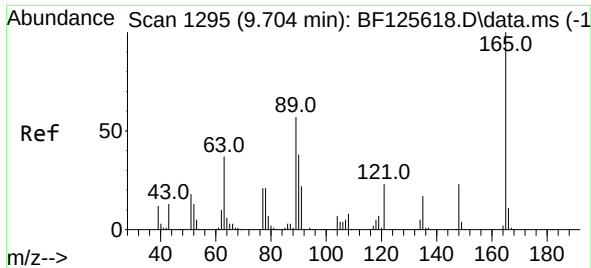
Tgt Ion:172 Resp: 1229838
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 23.8 18.8 28.2



#48
2-Nitroaniline
Concen: 4.479 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.224 min
Lab File: BF125661.D
Acq: 25 Sep 2021 17:33

Tgt Ion: 65 Resp: 1685
Ion Ratio Lower Upper
65 100
92 183.9 55.5 83.3#
138 28.2 93.5 140.3#

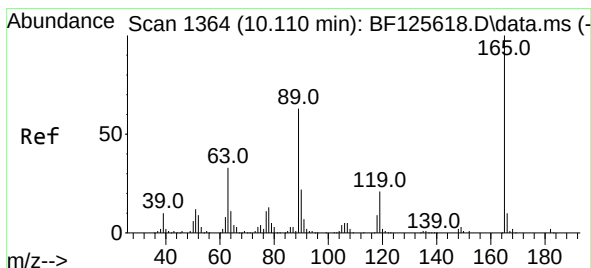
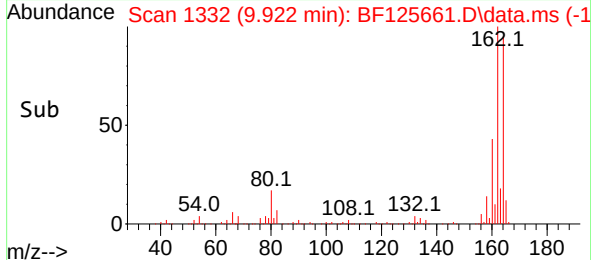
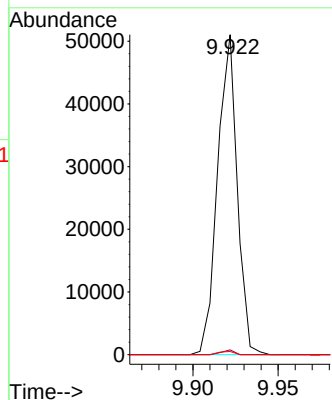
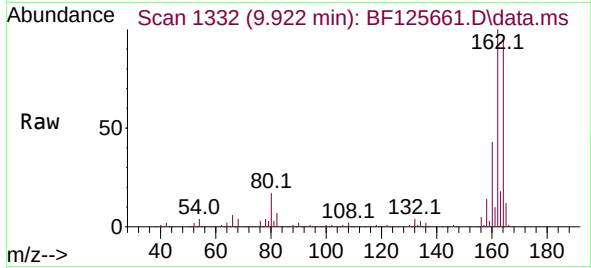




#51
2,6-Dinitrotoluene
Concen: 12.300 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125661.D
Acq: 25 Sep 2021 17:33

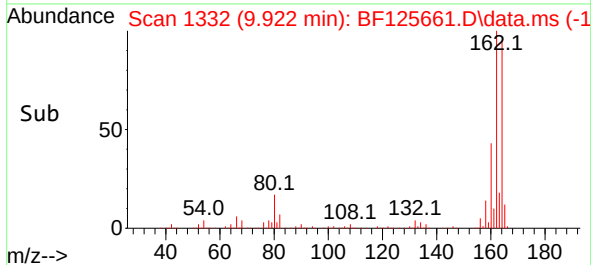
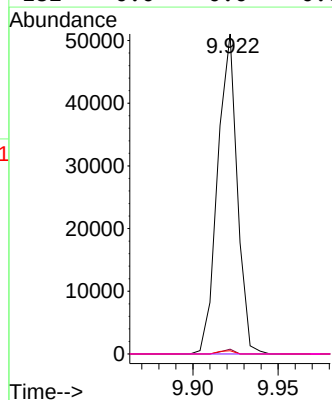
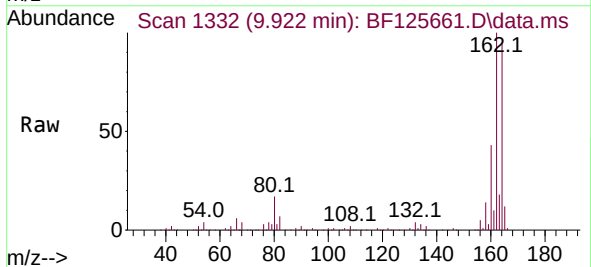
Instrument :
BNA_F
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SUB-SLAB-06-(6-8)

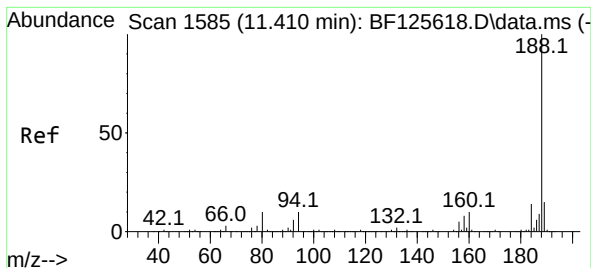
Tgt Ion:165 Resp: 40857
Ion Ratio Lower Upper
165 100
63 1.5 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.261 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125661.D
Acq: 25 Sep 2021 17:33

Tgt Ion:165 Resp: 40857
Ion Ratio Lower Upper
165 100
63 1.5 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

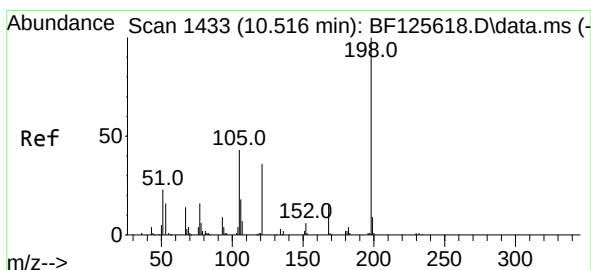
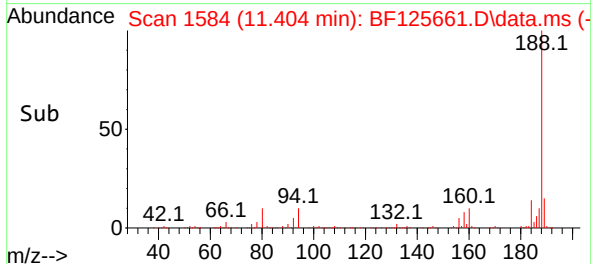
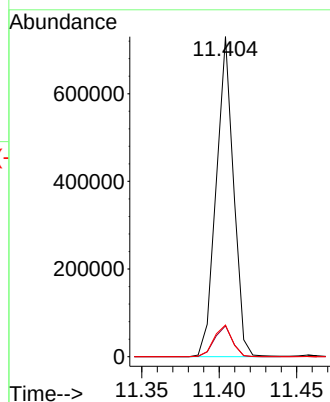
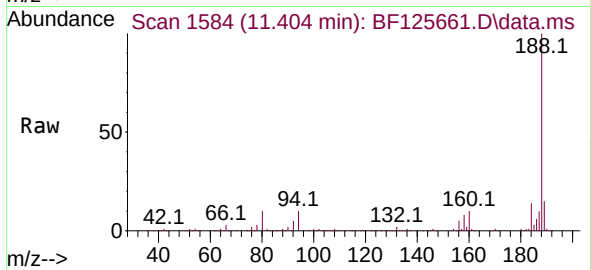




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125661.D
Acq: 25 Sep 2021 17:33

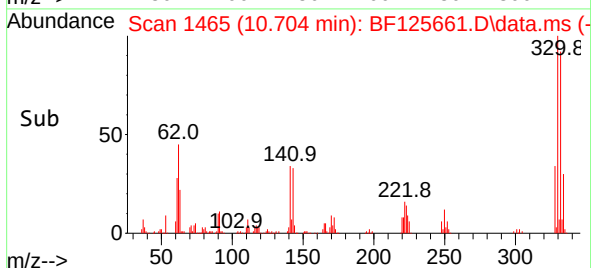
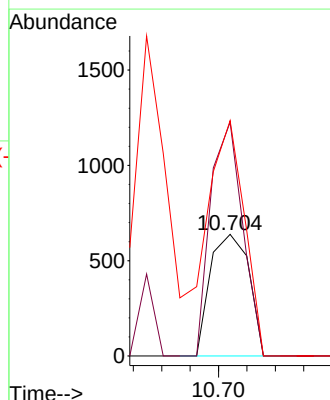
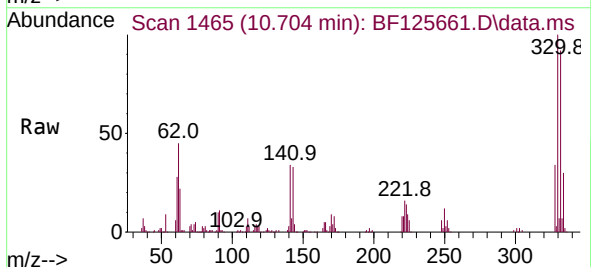
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-06-(6-8)

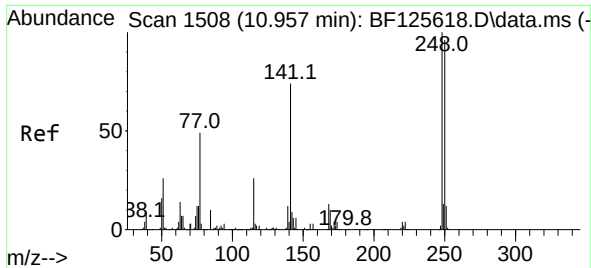
Tgt Ion:188 Resp: 568220
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 9.9 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.190 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF125661.D
Acq: 25 Sep 2021 17:33

Tgt Ion:198 Resp: 603
Ion Ratio Lower Upper
198 100
51 192.3 45.3 85.3#
105 193.6 30.6 70.6#

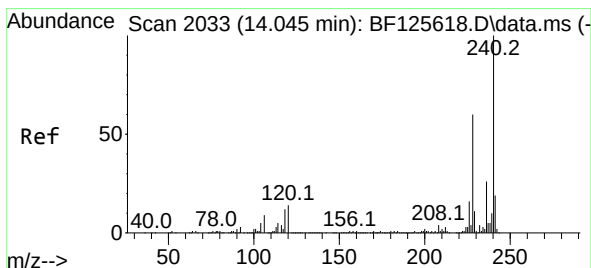
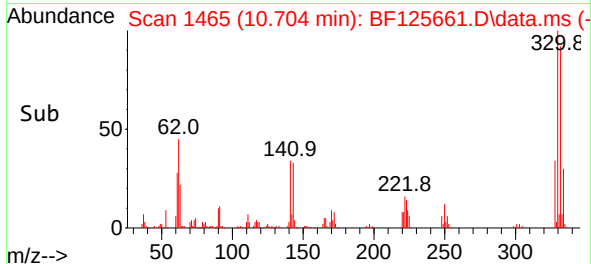
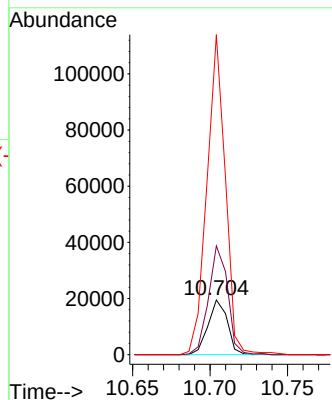
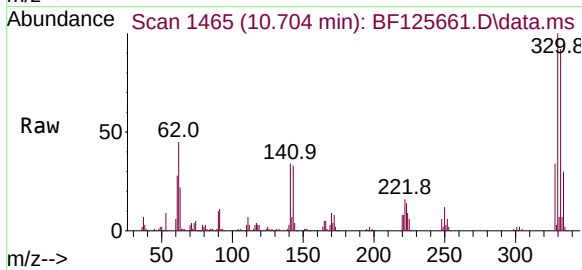




#67
4-Bromophenyl-phenylether
Concen: 2.851 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.253 min
Lab File: BF125661.D
Acq: 25 Sep 2021 17:33

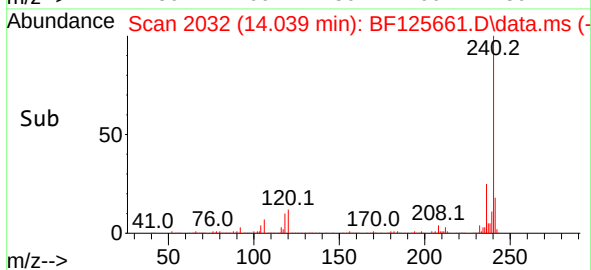
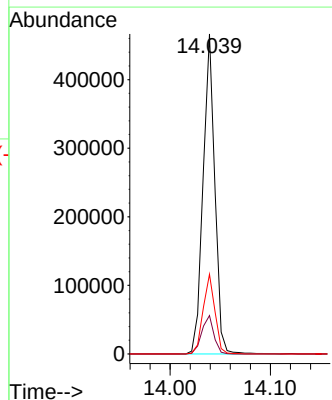
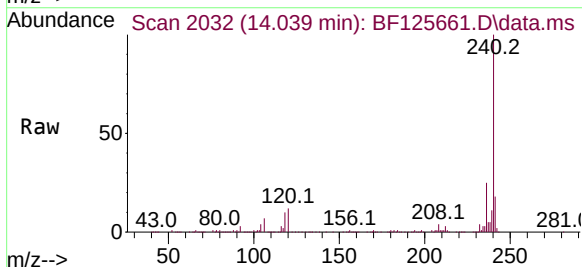
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-06-(6-8)

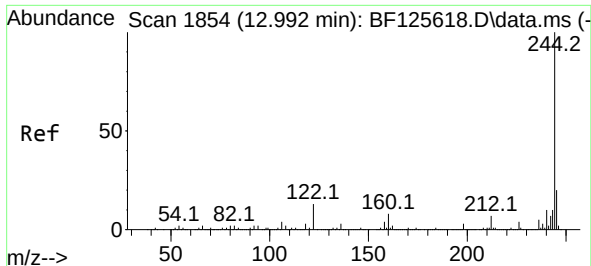
Tgt Ion:248 Resp: 17002
Ion Ratio Lower Upper
248 100
250 198.9 74.2 111.4#
141 584.7 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125661.D
Acq: 25 Sep 2021 17:33

Tgt Ion:240 Resp: 381299
Ion Ratio Lower Upper
240 100
120 12.0 10.8 16.2
236 24.9 21.6 32.4

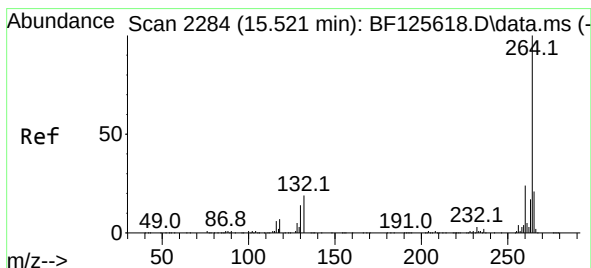
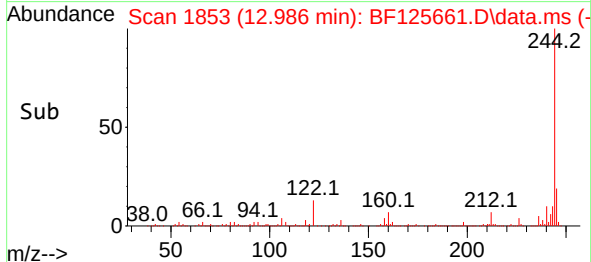
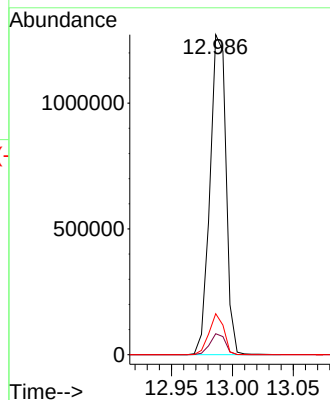
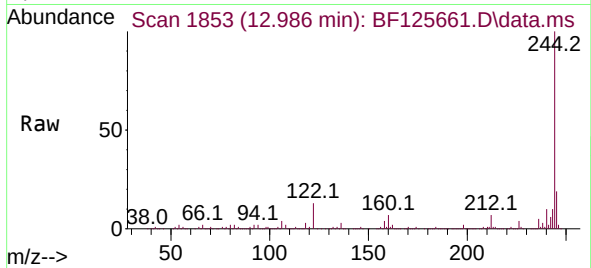




#79
 Terphenyl-d14
 Concen: 53.063 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF125661.D
 Acq: 25 Sep 2021 17:33

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-06-(6-8)

Tgt Ion:244 Resp: 1168344
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 12.8 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. -0.011 min
 Lab File: BF125661.D
 Acq: 25 Sep 2021 17:33

Tgt Ion:264 Resp: 335633
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 20.9 17.2 25.8

