

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
 Data File : BF125654.D
 Acq On : 25 Sep 2021 13:54
 Operator : JU/CG
 Sample : M3922-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-02-(5-7)

Quant Time: Sep 27 01:21:32 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)

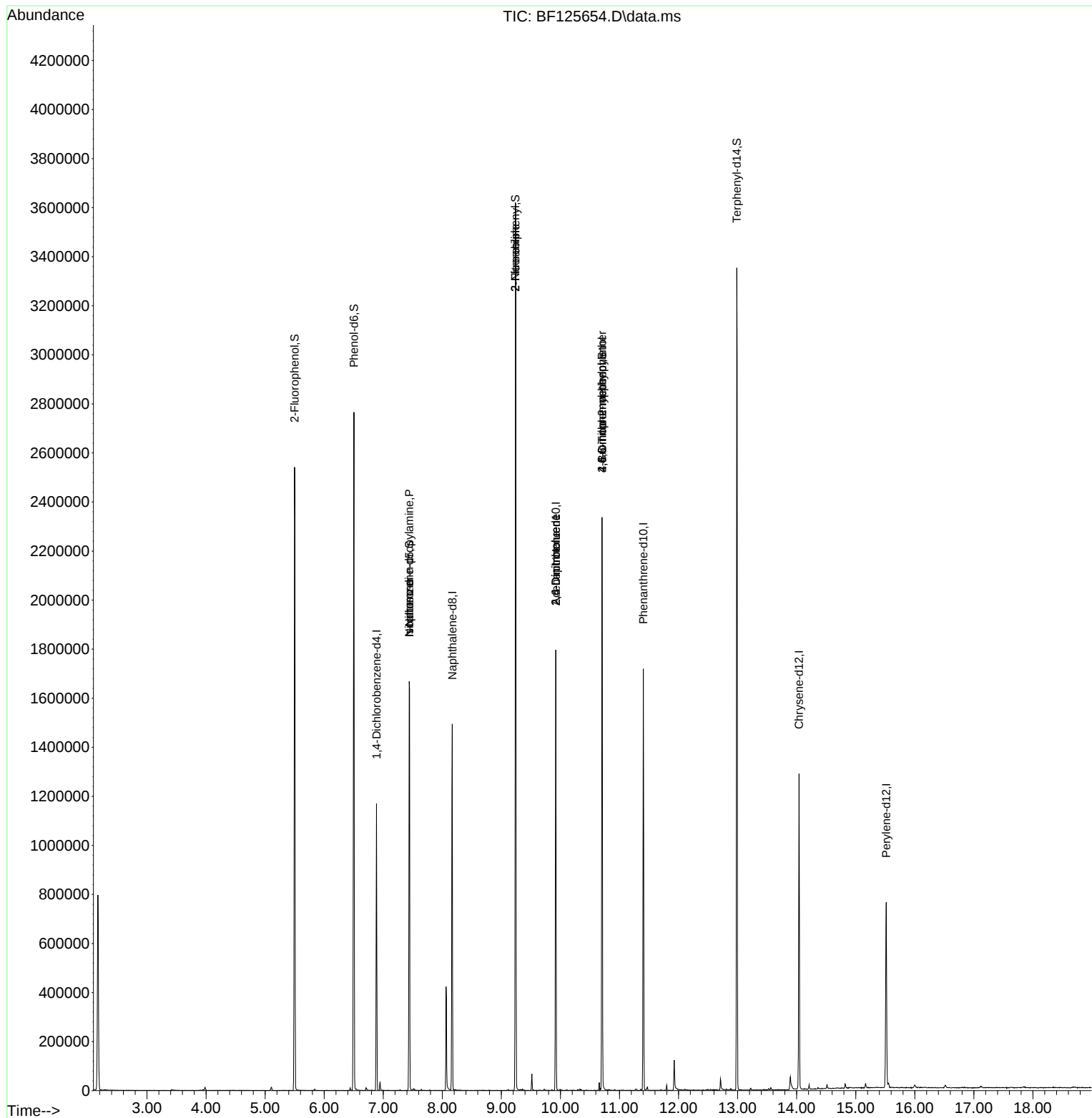
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	163489	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	672771	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	348860	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	593933	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	406456	20.000	ng	0.00
86) Perylene-d12	15.515	264	333187	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	802667	80.889	ng	0.00
7) Phenol-d6	6.504	99	970852	72.773	ng	0.00
23) Nitrobenzene-d5	7.439	82	577606	59.884	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	281634	86.586	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1171279	55.719	ng	-0.01
79) Terphenyl-d14	12.986	244	1158201	49.347	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	1205	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.439	70	71804	9.453	ng	# 49
25) Isophorone	7.439	82	577595	26.739	ng	# 59
48) 2-Nitroaniline	9.239	65	1432	4.418	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	43999	12.518	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	43999	11.434	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.704	198	405	9.127	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	16151	2.591	ng	# 1

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

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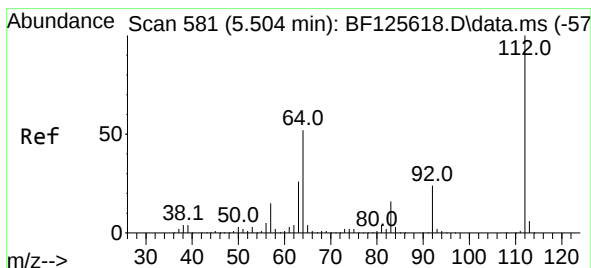
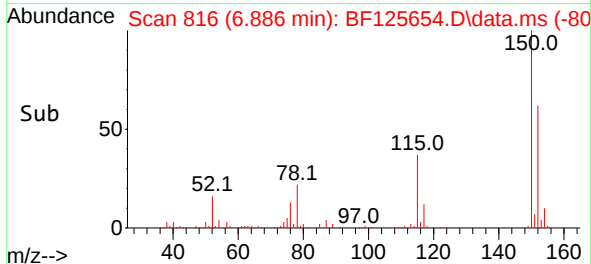
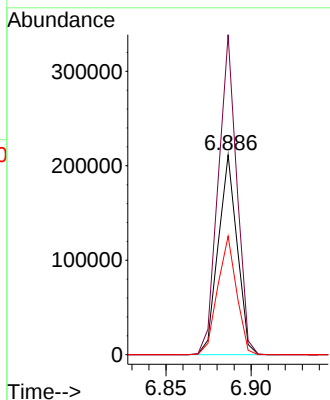
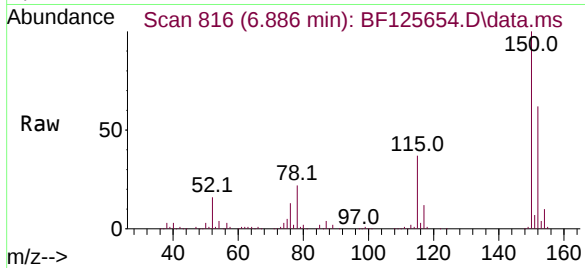




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125654.D
Acq: 25 Sep 2021 13:54

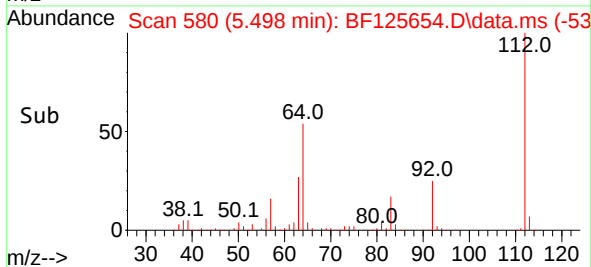
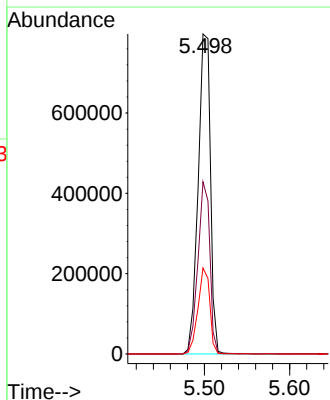
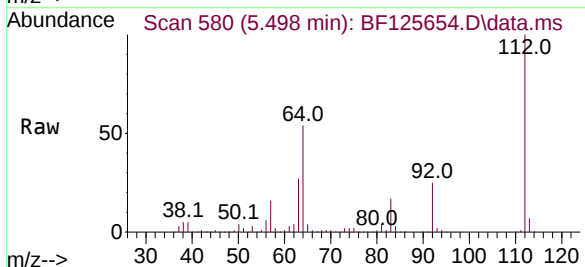
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-02-(5-7)

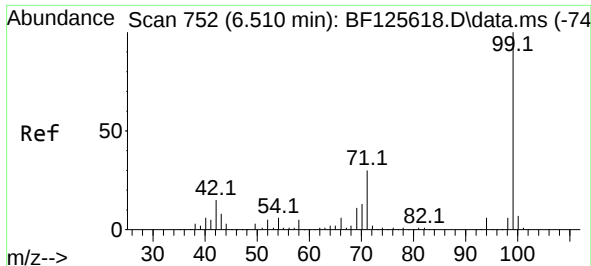
Tgt Ion:152 Resp: 163489
Ion Ratio Lower Upper
152 100
150 160.1 117.6 176.4
115 59.3 47.1 70.7



#5
2-Fluorophenol
Concen: 80.889 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.006 min
Lab File: BF125654.D
Acq: 25 Sep 2021 13:54

Tgt Ion:112 Resp: 802667
Ion Ratio Lower Upper
112 100
64 53.8 44.2 66.2
63 26.9 26.2 39.2

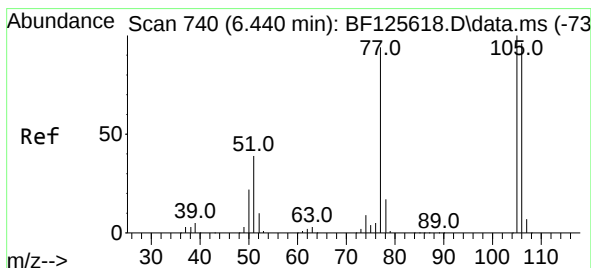
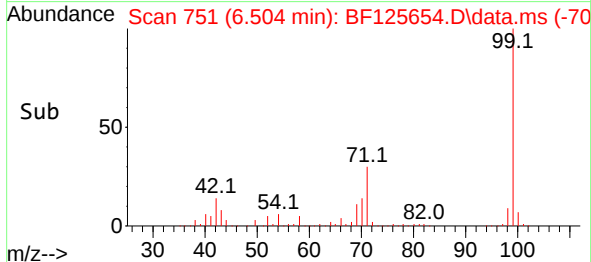
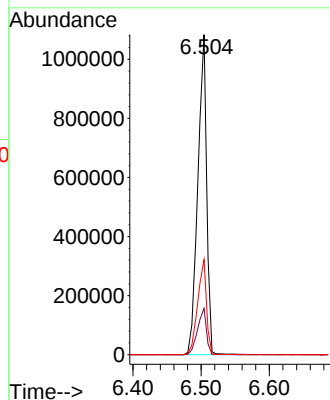
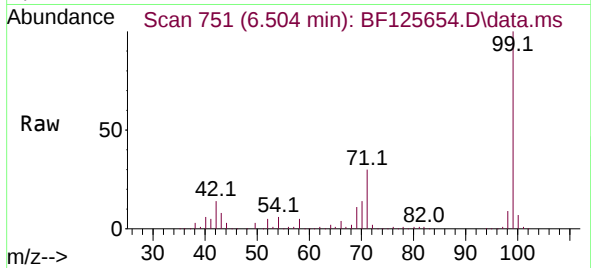




#7
Phenol-d6
Concen: 72.773 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125654.D
Acq: 25 Sep 2021 13:54

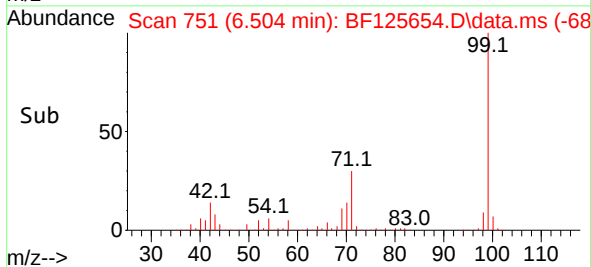
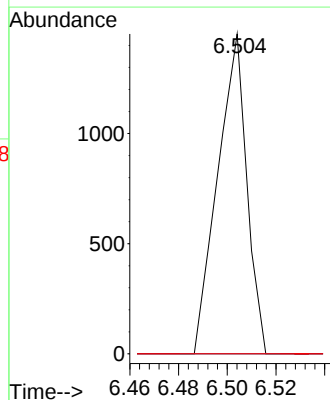
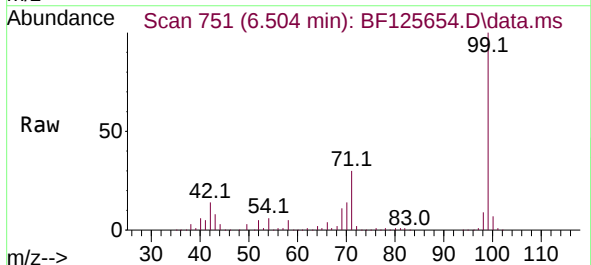
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-02-(5-7)

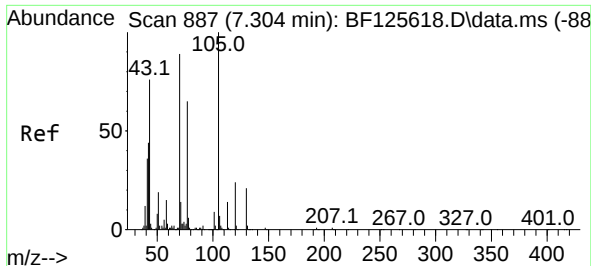
Tgt Ion: 99 Resp: 970852
Ion Ratio Lower Upper
99 100
42 14.4 23.5 35.3#
71 29.7 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.064 min
Lab File: BF125654.D
Acq: 25 Sep 2021 13:54

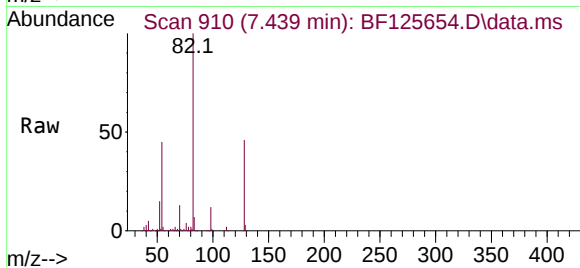
Tgt Ion: 77 Resp: 1205
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



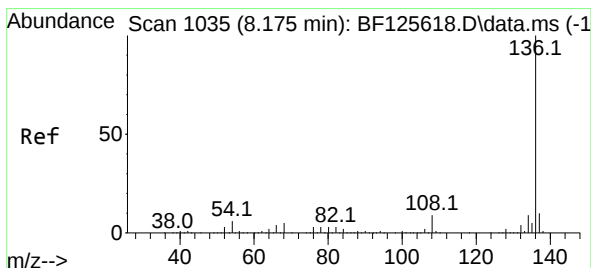
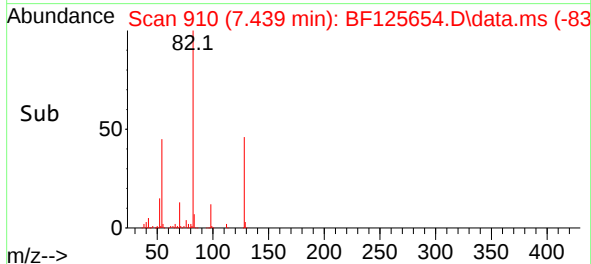
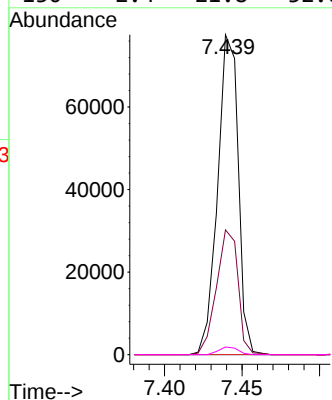


#19
n-Nitroso-di-n-propylamine
Concen: 9.453 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.135 min
Lab File: BF125654.D
Acq: 25 Sep 2021 13:54

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-02-(5-7)

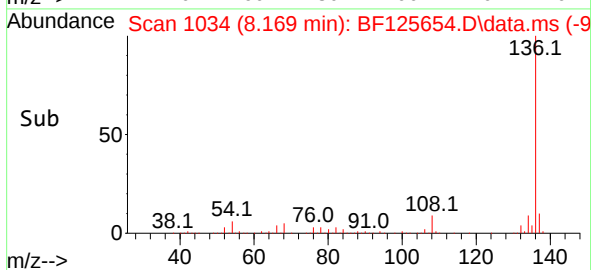
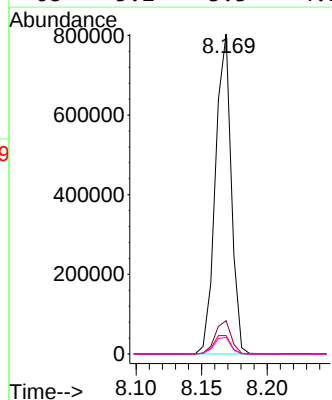
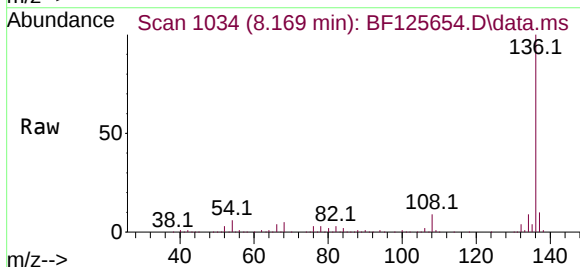


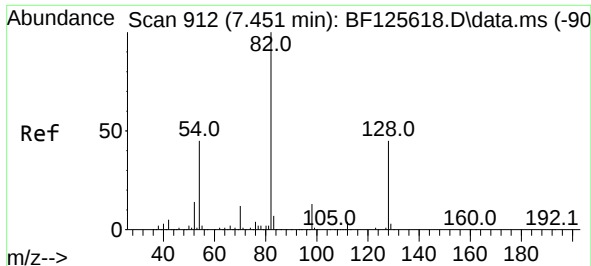
Tgt Ion: 70 Resp: 71804
Ion Ratio Lower Upper
70 100
42 39.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125654.D
Acq: 25 Sep 2021 13:54

Tgt Ion: 136 Resp: 672771
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 5.8 6.4 9.6#
68 5.2 3.3 4.9#

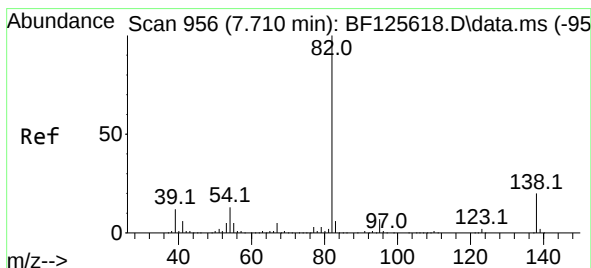
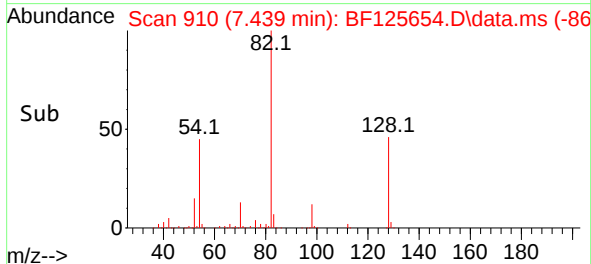
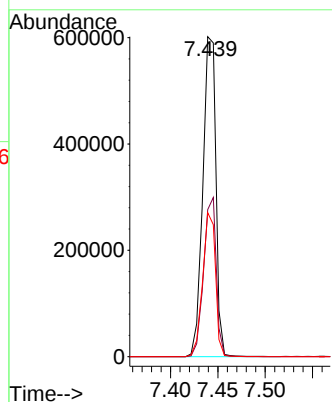
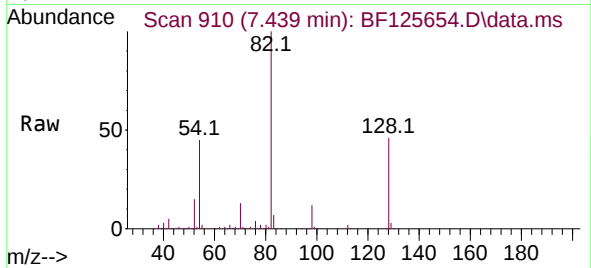




#23
Nitrobenzene-d5
Concen: 59.884 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF125654.D
Acq: 25 Sep 2021 13:54

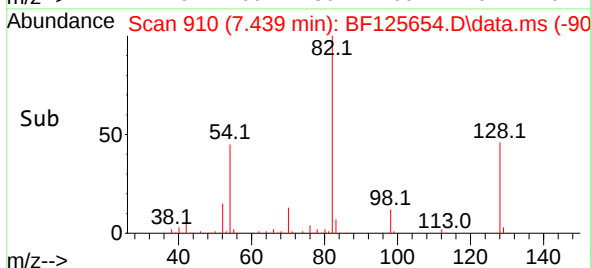
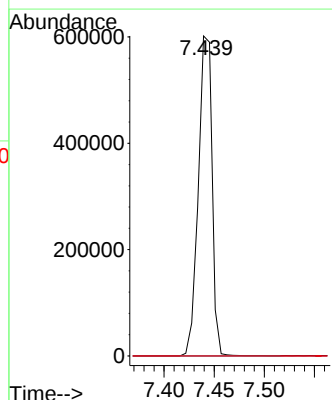
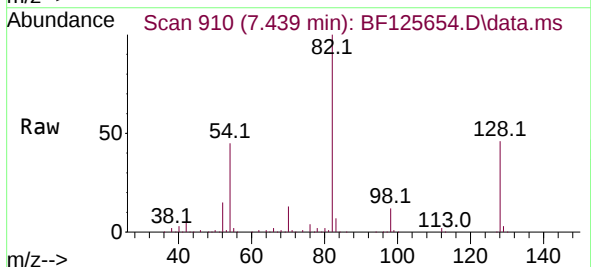
Instrument :
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ClientSampleId :
SUB-SLAB-02-(5-7)

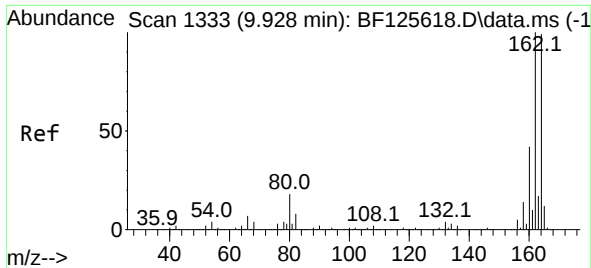
Tgt Ion: 82 Resp: 577606
Ion Ratio Lower Upper
82 100
128 45.9 40.6 60.8
54 45.0 49.6 74.4#



#25
Isophorone
Concen: 26.739 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.271 min
Lab File: BF125654.D
Acq: 25 Sep 2021 13:54

Tgt Ion: 82 Resp: 577595
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

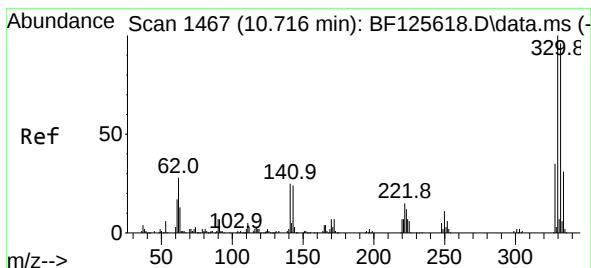
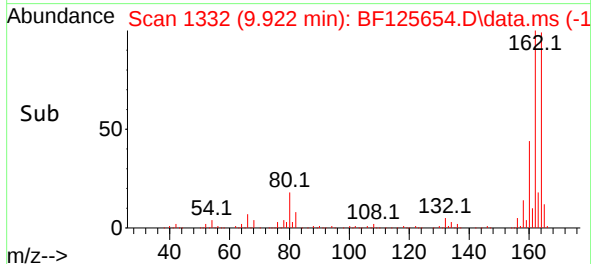
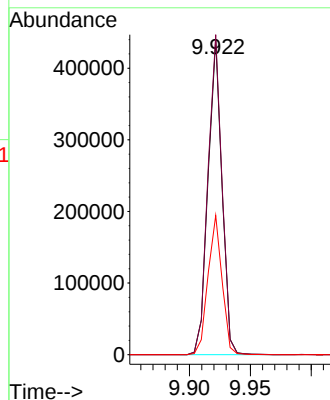
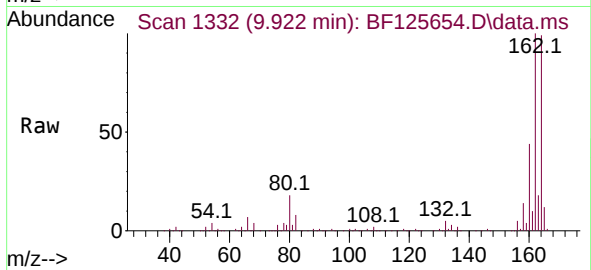




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.007 min
Lab File: BF125654.D
Acq: 25 Sep 2021 13:54

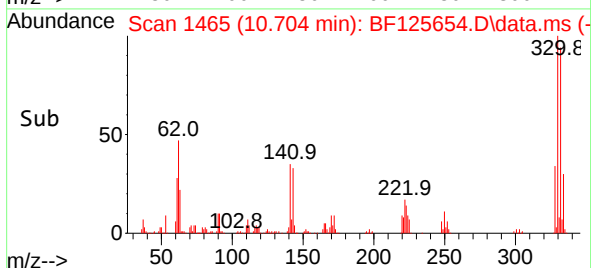
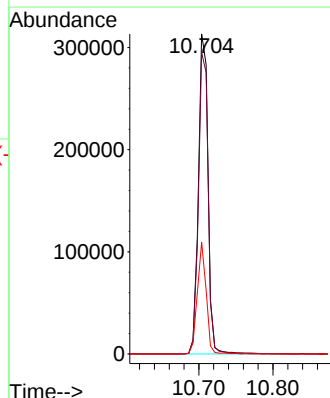
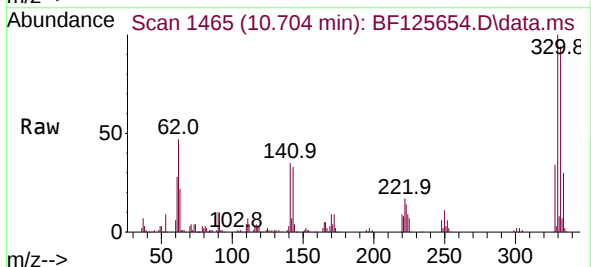
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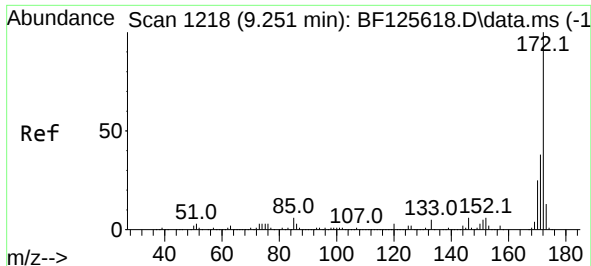
Tgt Ion:164 Resp: 348860
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 44.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 86.586 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF125654.D
Acq: 25 Sep 2021 13:54

Tgt Ion:330 Resp: 281634
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 32.1 44.6 66.8#

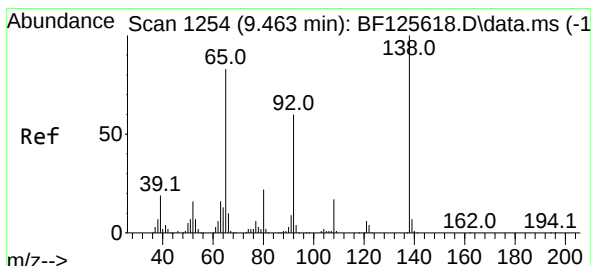
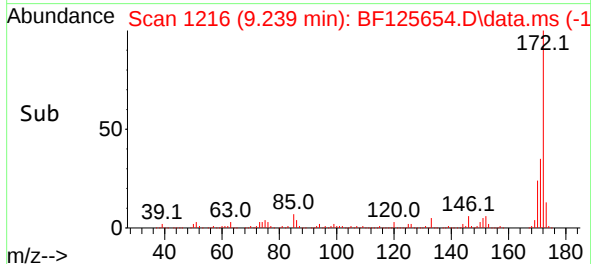
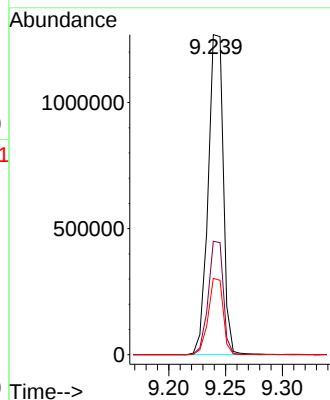
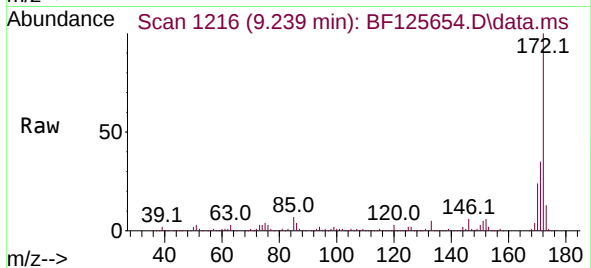




#45
2-Fluorobiphenyl
Concen: 55.719 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF125654.D
Acq: 25 Sep 2021 13:54

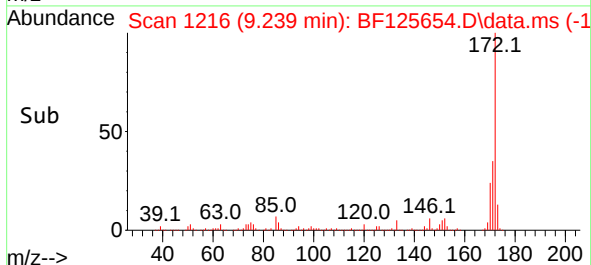
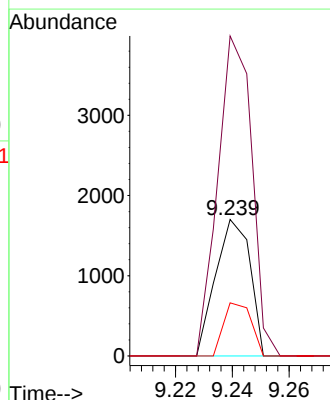
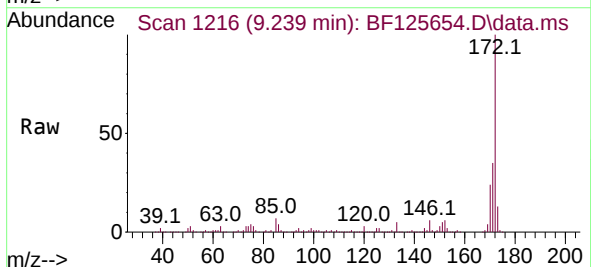
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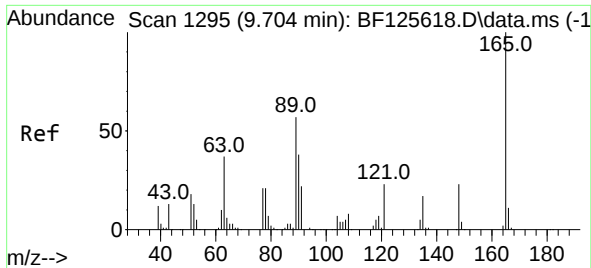
Tgt Ion:172 Resp: 1171279
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 23.9 18.8 28.2



#48
2-Nitroaniline
Concen: 4.418 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.224 min
Lab File: BF125654.D
Acq: 25 Sep 2021 13:54

Tgt Ion: 65 Resp: 1432
Ion Ratio Lower Upper
65 100
92 234.6 55.5 83.3#
138 39.0 93.5 140.3#

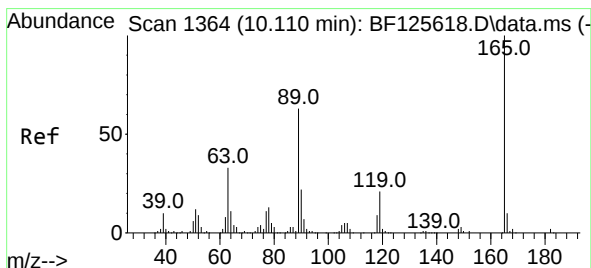
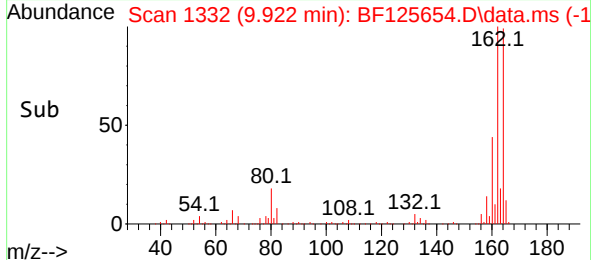
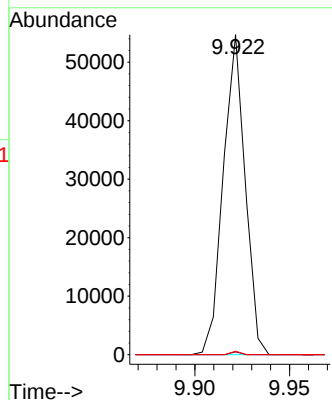
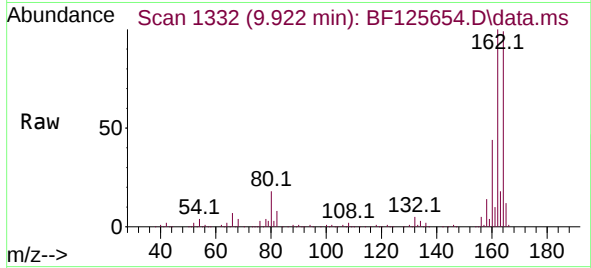




#51
2,6-Dinitrotoluene
Concen: 12.518 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.217 min
Lab File: BF125654.D
Acq: 25 Sep 2021 13:54

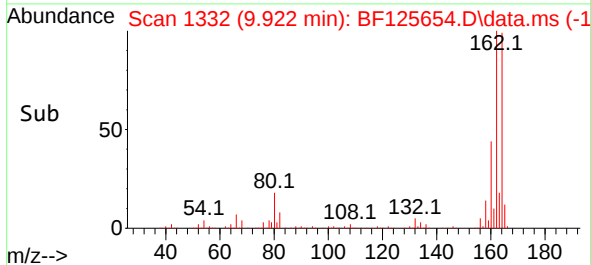
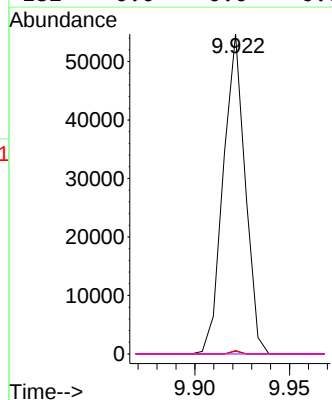
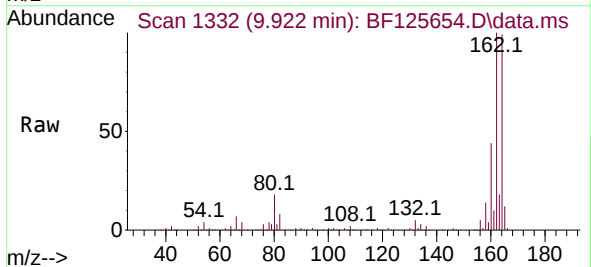
Instrument :
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SUB-SLAB-02-(5-7)

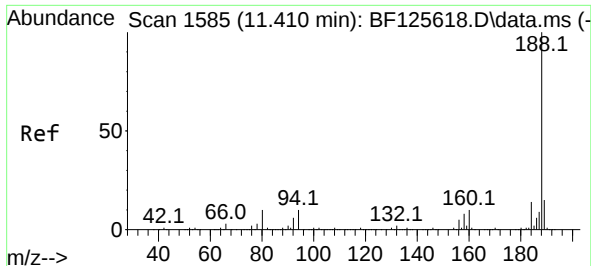
Tgt Ion:165 Resp: 43999
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.434 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125654.D
Acq: 25 Sep 2021 13:54

Tgt Ion:165 Resp: 43999
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

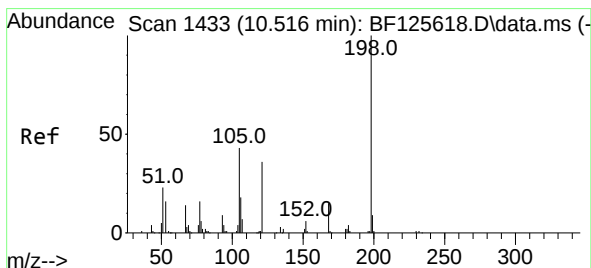
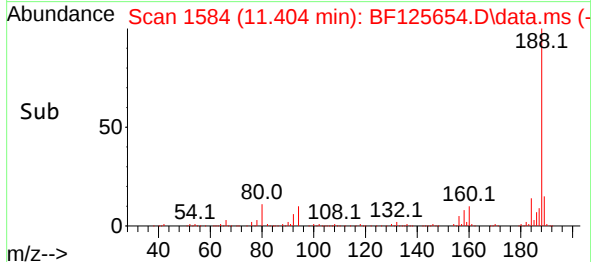
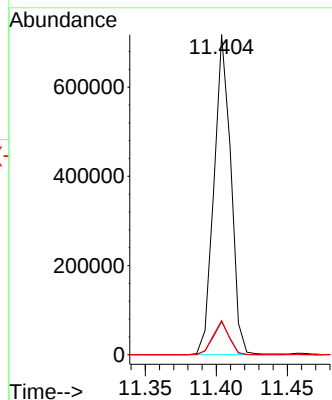
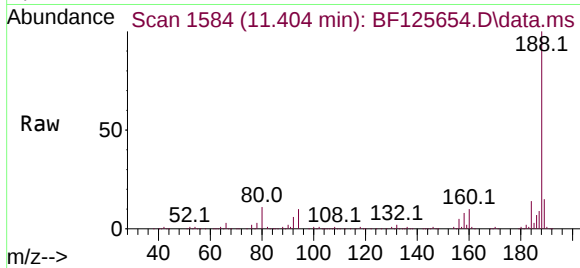




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125654.D
Acq: 25 Sep 2021 13:54

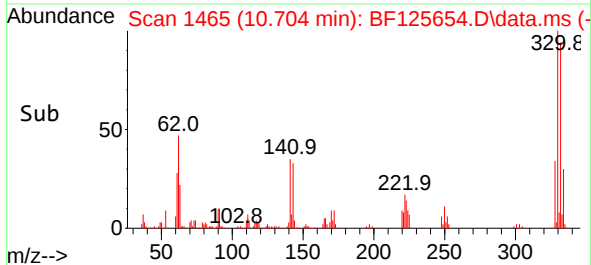
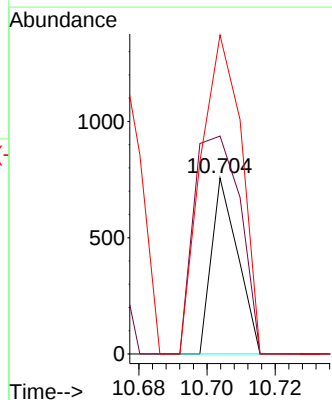
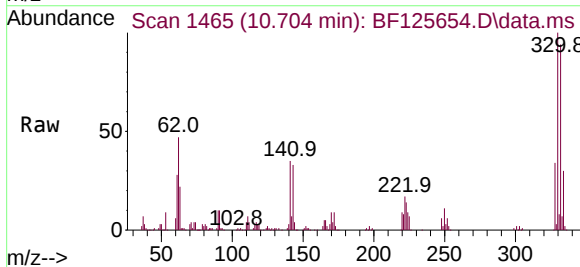
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-02-(5-7)

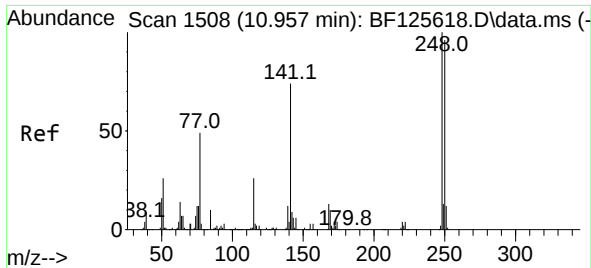
Tgt Ion:188 Resp: 593933
Ion Ratio Lower Upper
188 100
94 10.4 6.7 10.1#
80 10.7 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.127 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF125654.D
Acq: 25 Sep 2021 13:54

Tgt Ion:198 Resp: 405
Ion Ratio Lower Upper
198 100
51 123.8 45.3 85.3#
105 181.1 30.6 70.6#

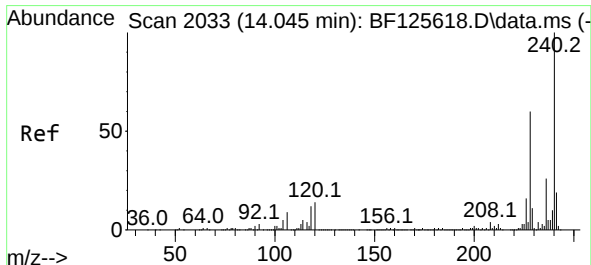
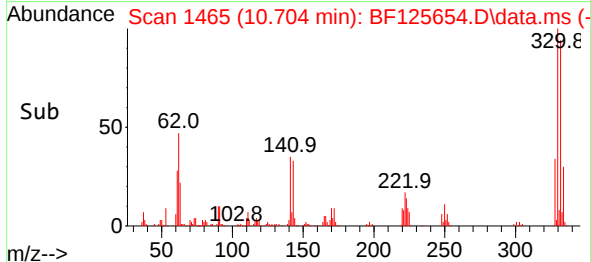
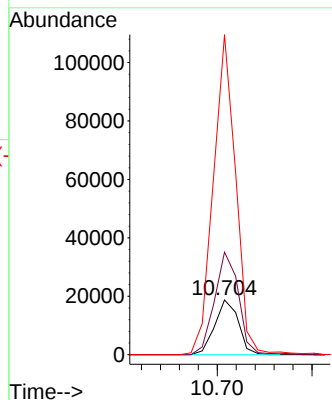
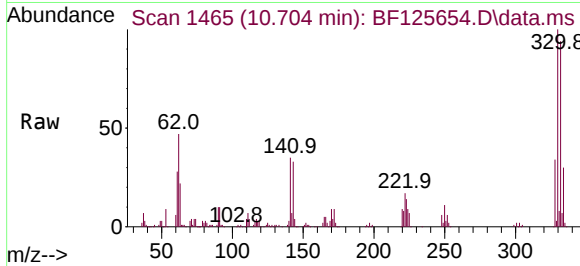




#67
4-Bromophenyl-phenylether
Concen: 2.591 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.253 min
Lab File: BF125654.D
Acq: 25 Sep 2021 13:54

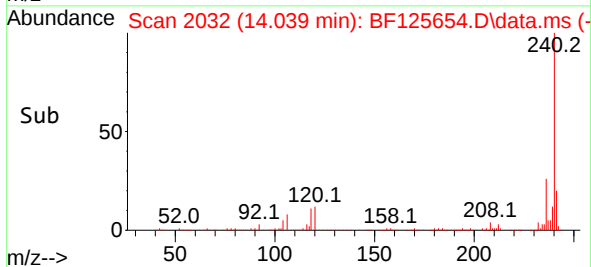
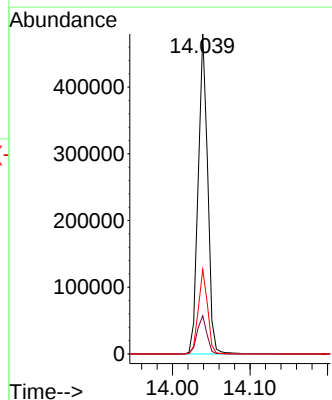
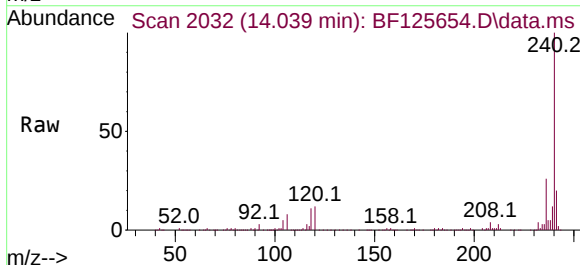
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-02-(5-7)

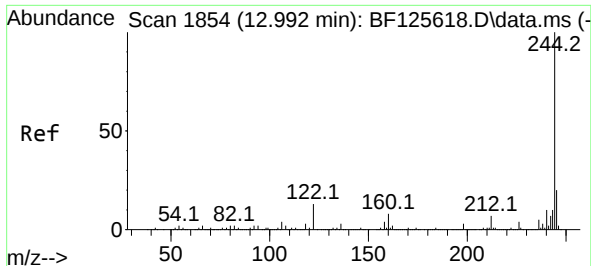
Tgt Ion:248 Resp: 16151
Ion Ratio Lower Upper
248 100
250 187.5 74.2 111.4#
141 584.7 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125654.D
Acq: 25 Sep 2021 13:54

Tgt Ion:240 Resp: 406456
Ion Ratio Lower Upper
240 100
120 12.0 10.8 16.2
236 26.4 21.6 32.4

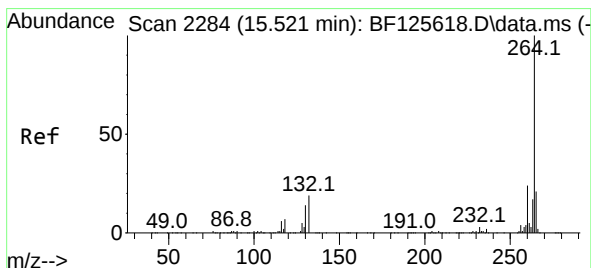
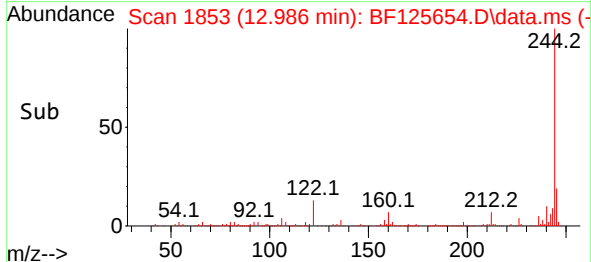
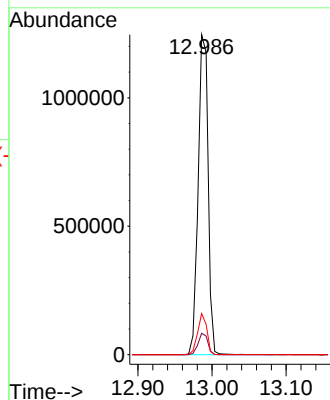
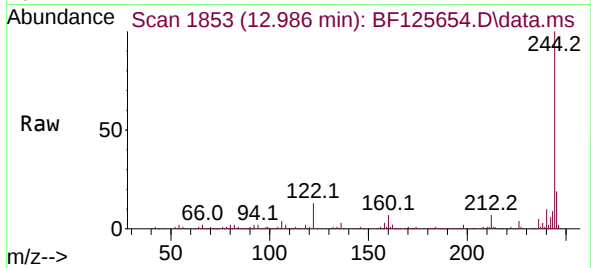




#79
Terphenyl-d14
Concen: 49.347 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF125654.D
Acq: 25 Sep 2021 13:54

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-02-(5-7)

Tgt Ion:244 Resp: 1158201
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 12.8 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: BF125654.D
Acq: 25 Sep 2021 13:54

Tgt Ion:264 Resp: 333187
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 20.2 17.2 25.8

