

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092721\
 Data File : BF125674.D
 Acq On : 27 Sep 2021 16:18
 Operator : JU/CG
 Sample : M3938-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-05(6-2.6)

Quant Time: Sep 27 17:30:31 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)

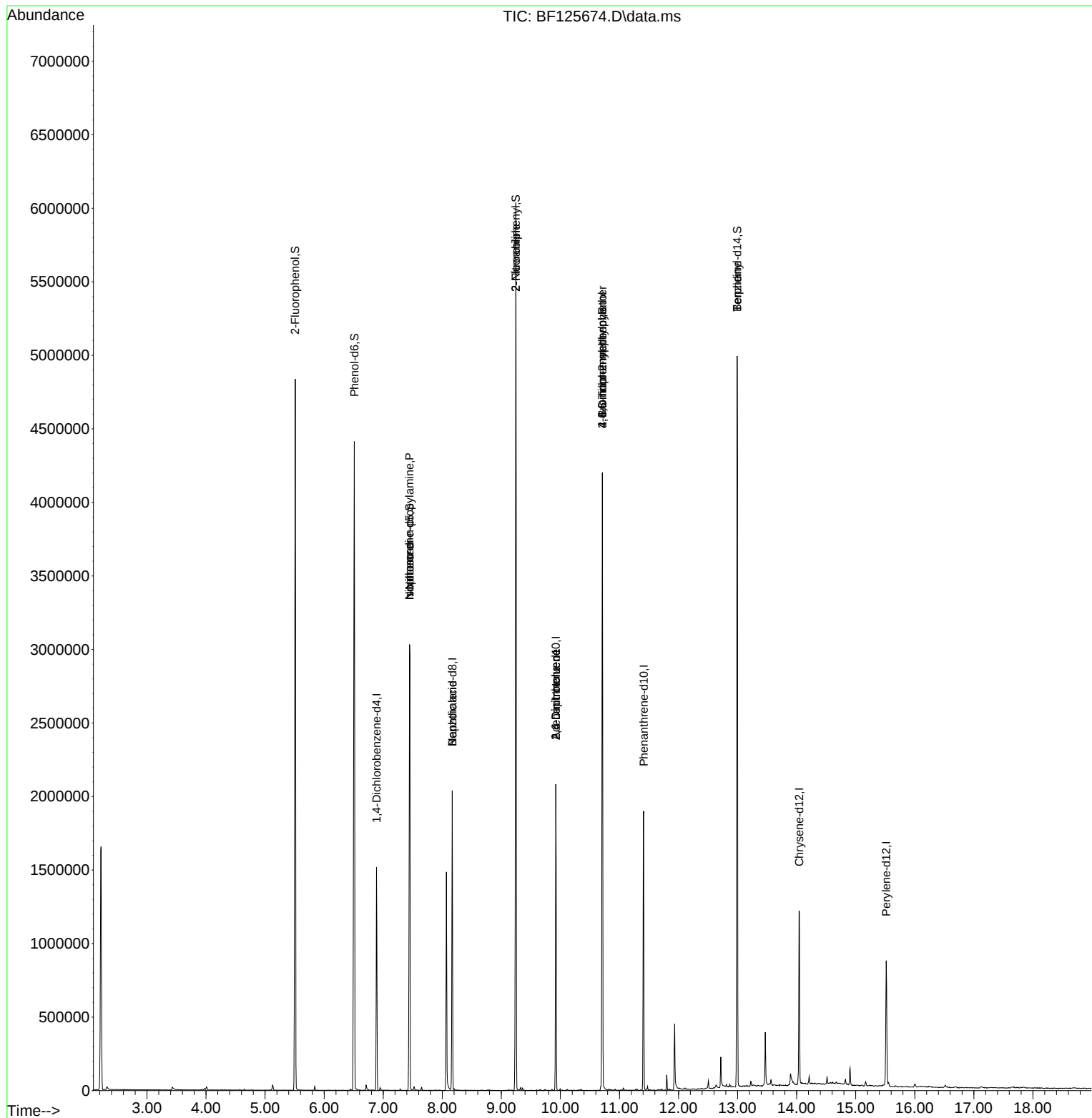
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	224154	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	903933	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	430058	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	733116	20.000	ng	0.00
76) Chrysene-d12	14.045	240	429247	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	381883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1599375	117.556	ng	0.00
7) Phenol-d6	6.510	99	1986619	108.612	ng	0.00
23) Nitrobenzene-d5	7.445	82	1172661	90.486	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	570354	142.243	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1944827	80.558	ng	0.00
79) Terphenyl-d14	12.992	244	1814826	73.218	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	2826	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	147505	14.164	ng	# 51
25) Isophorone	7.445	82	1172639	40.403	ng	# 59
32) Benzoic acid	8.169	122	107	8.637	ng	# 1
48) 2-Nitroaniline	9.245	65	2669	4.551	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	53344	12.380	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	53344	11.324	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1067	9.256	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	32090	4.171	ng	# 1
77) Benzidine	12.992	184	23233	2.060	ng	97

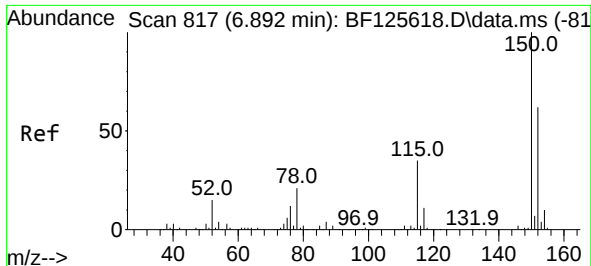
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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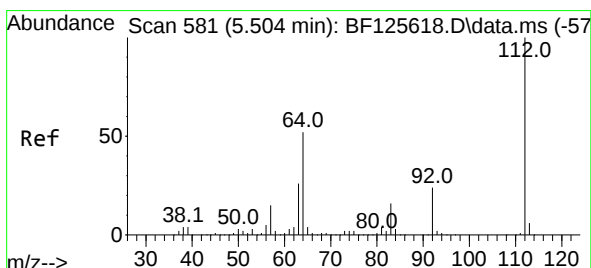
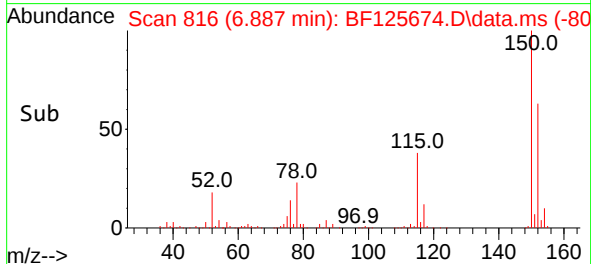
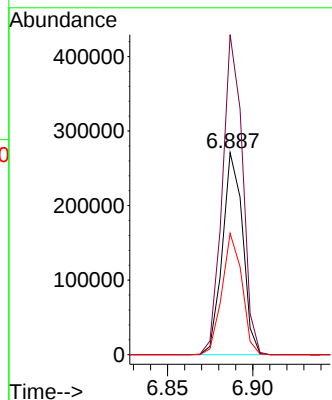
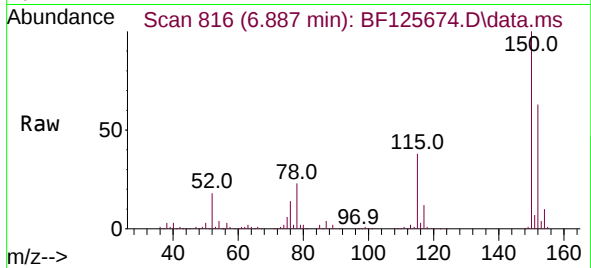




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125674.D
Acq: 27 Sep 2021 16:18

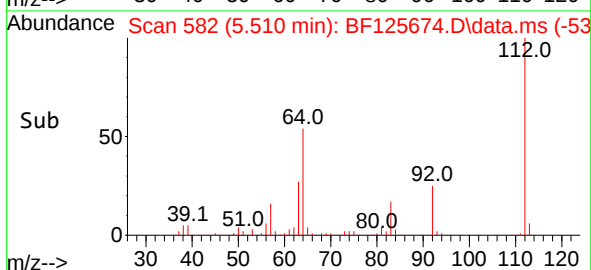
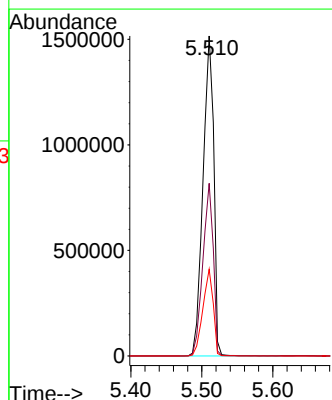
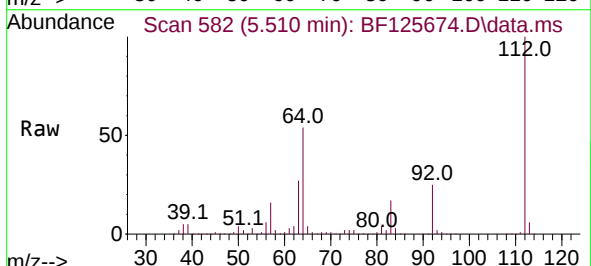
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-05(6-2.6)

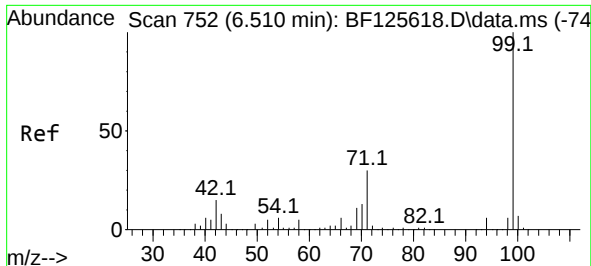
Tgt Ion:152 Resp: 224154
Ion Ratio Lower Upper
152 100
150 158.4 117.6 176.4
115 60.0 47.1 70.7



#5
2-Fluorophenol
Concen: 117.556 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125674.D
Acq: 27 Sep 2021 16:18

Tgt Ion:112 Resp: 1599375
Ion Ratio Lower Upper
112 100
64 54.0 44.2 66.2
63 27.1 26.2 39.2

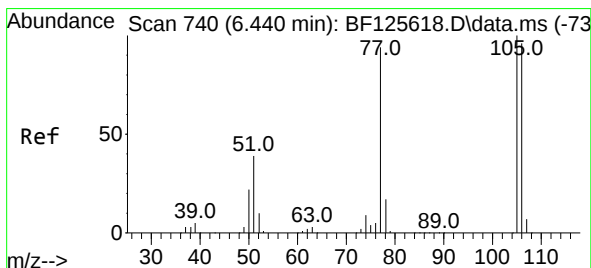
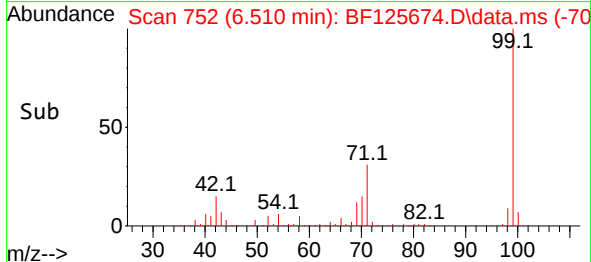
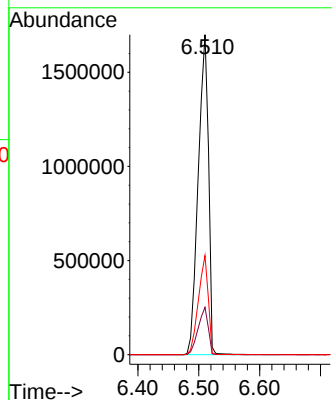
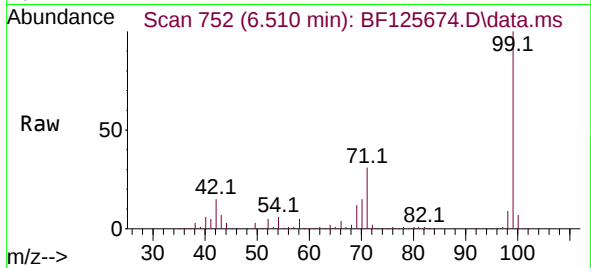




#7
Phenol-d6
Concen: 108.612 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125674.D
Acq: 27 Sep 2021 16:18

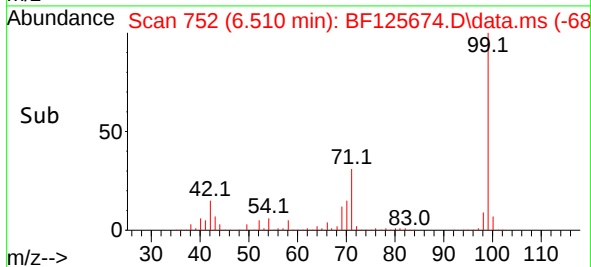
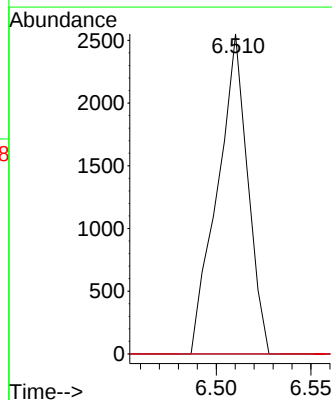
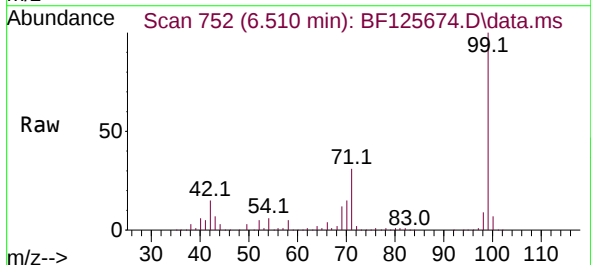
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-05(6-2.6)

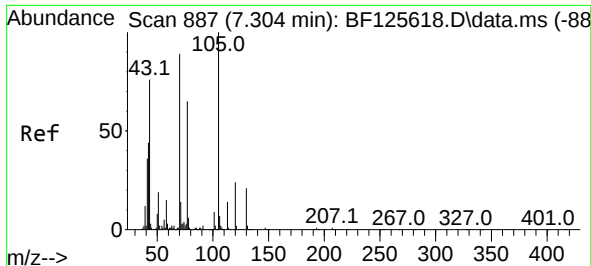
Tgt Ion: 99 Resp: 1986619
Ion Ratio Lower Upper
99 100
42 14.8 23.5 35.3#
71 31.0 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125674.D
Acq: 27 Sep 2021 16:18

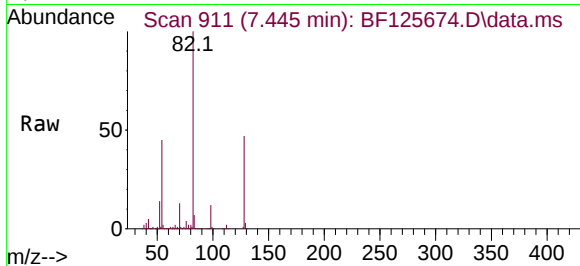
Tgt Ion: 77 Resp: 2826
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



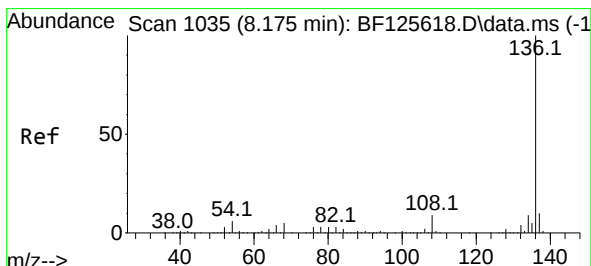
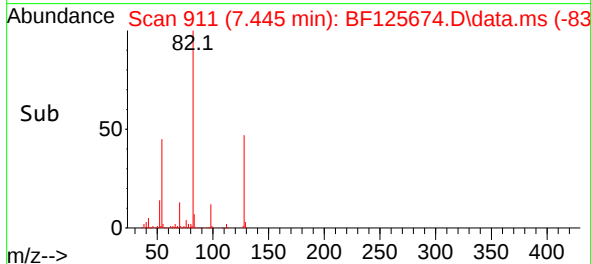
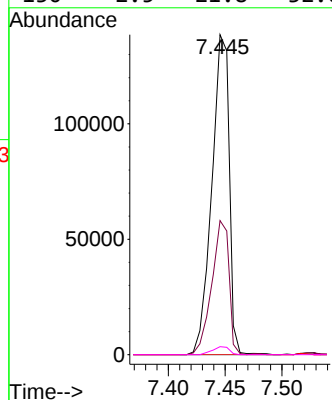


#19
n-Nitroso-di-n-propylamine
Concen: 14.164 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125674.D
Acq: 27 Sep 2021 16:18

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-05(6-2.6)

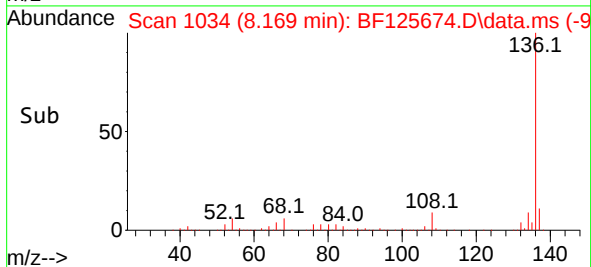
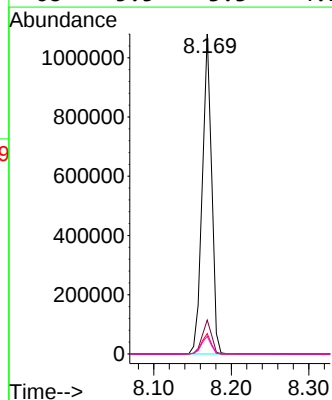
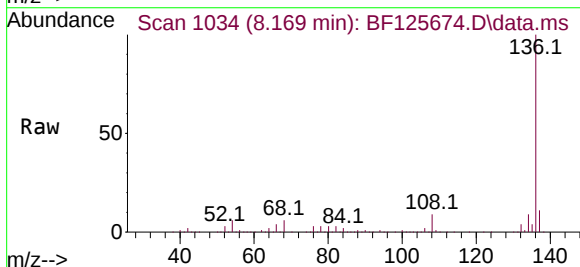


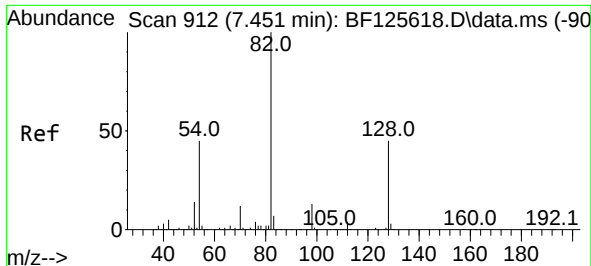
Tgt Ion: 70 Resp: 147505
Ion Ratio Lower Upper
70 100
42 41.9 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125674.D
Acq: 27 Sep 2021 16:18

Tgt Ion: 136 Resp: 903933
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 6.3 6.4 9.6#
68 5.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 90.486 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125674.D

Acq: 27 Sep 2021 16:18

Instrument :

BNA_F

ClientSampleId :

SUB-SLAB-05(6-2.6)

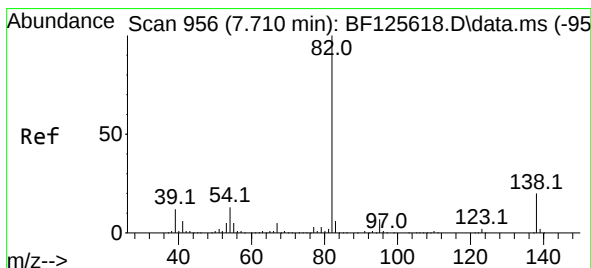
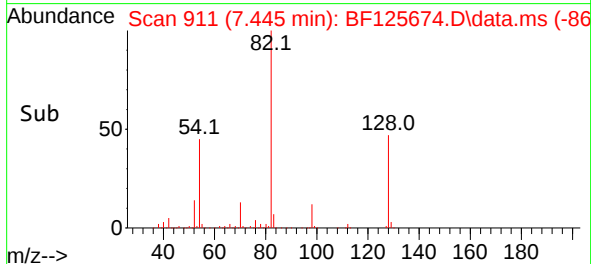
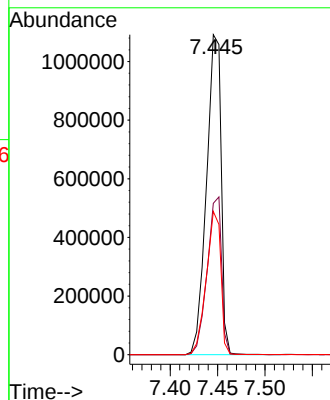
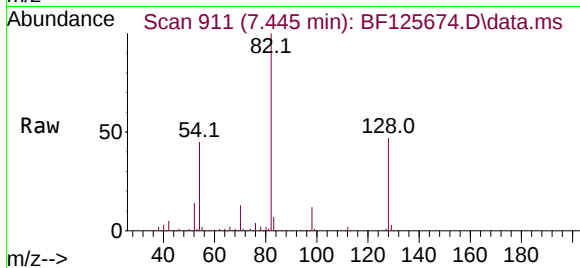
Tgt Ion: 82 Resp: 1172661

Ion Ratio Lower Upper

82 100

128 47.3 40.6 60.8

54 44.7 49.6 74.4#



#25

Isophorone

Concen: 40.403 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF125674.D

Acq: 27 Sep 2021 16:18

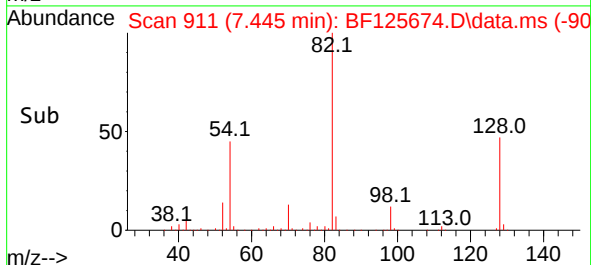
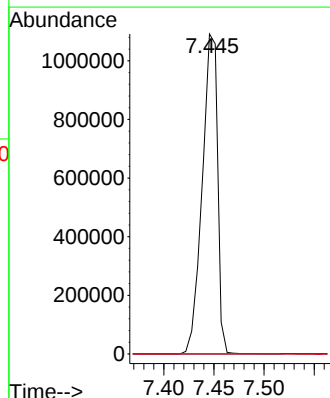
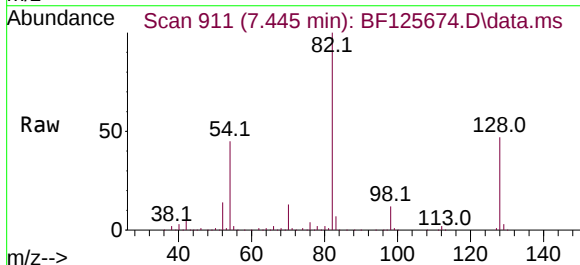
Tgt Ion: 82 Resp: 1172639

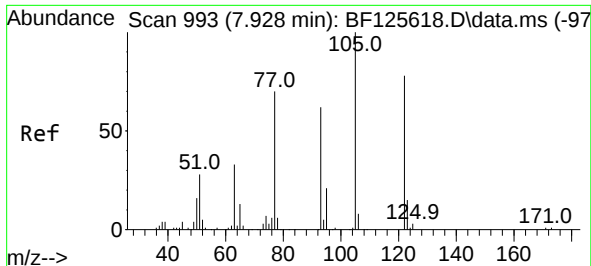
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

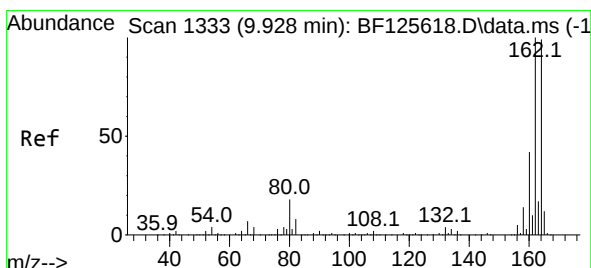
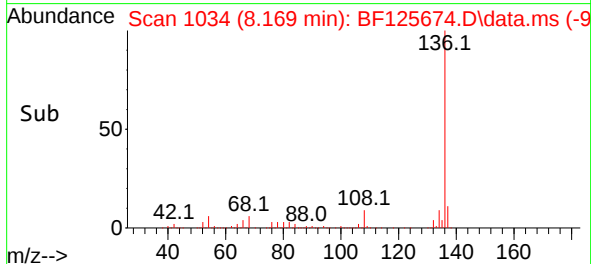
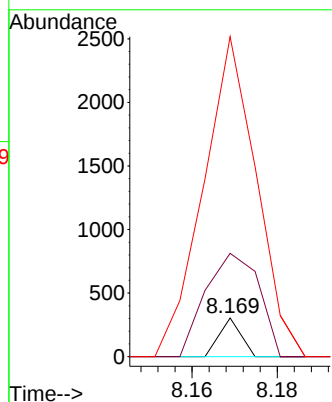
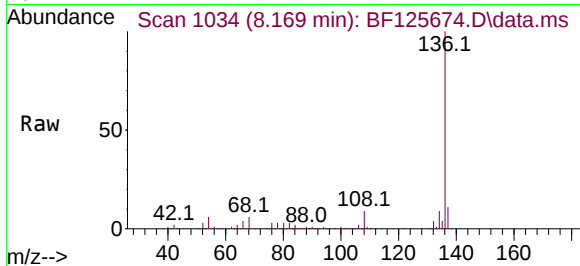




#32
Benzoic acid
Concen: 8.637 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.241 min
Lab File: BF125674.D
Acq: 27 Sep 2021 16:18

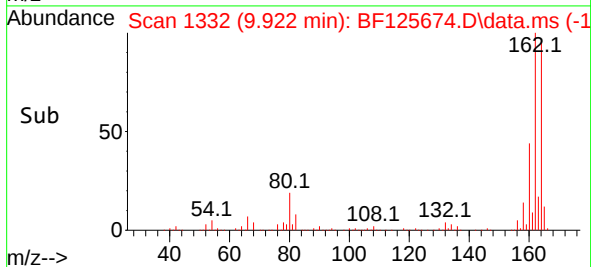
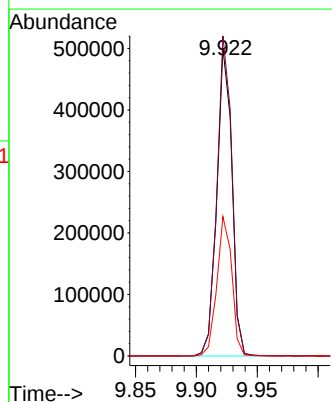
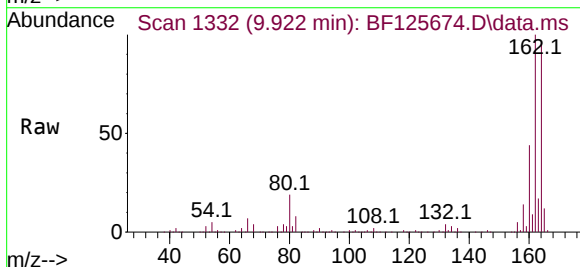
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SUB-SLAB-05(6-2.6)

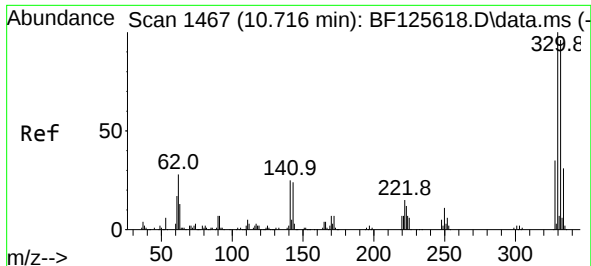
Tgt Ion:122 Resp: 107
Ion Ratio Lower Upper
122 100
105 267.4 97.6 137.6#
77 828.0 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125674.D
Acq: 27 Sep 2021 16:18

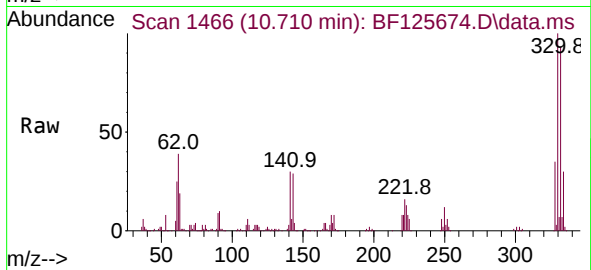
Tgt Ion:164 Resp: 430058
Ion Ratio Lower Upper
164 100
162 103.9 81.3 121.9
160 45.2 38.0 57.0



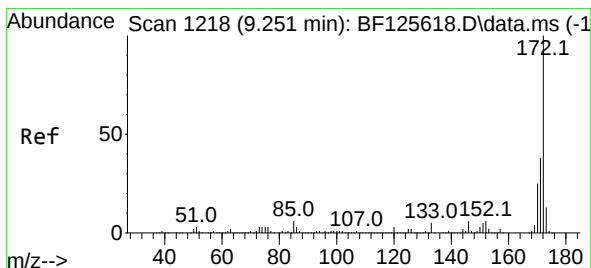
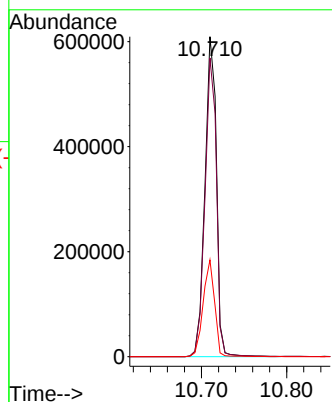
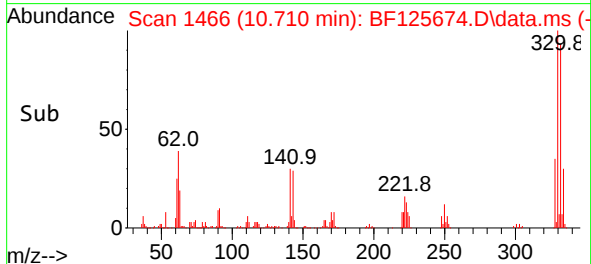


#42
2,4,6-Tribromophenol
Concen: 142.243 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125674.D
Acq: 27 Sep 2021 16:18

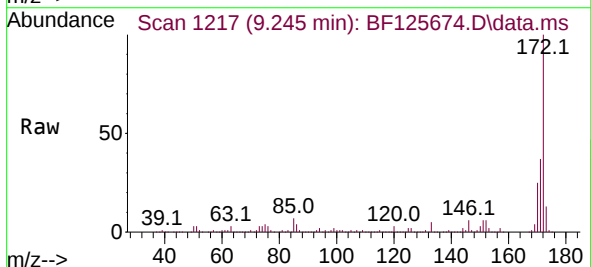
Instrument :
BNA_F
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SUB-SLAB-05(6-2.6)



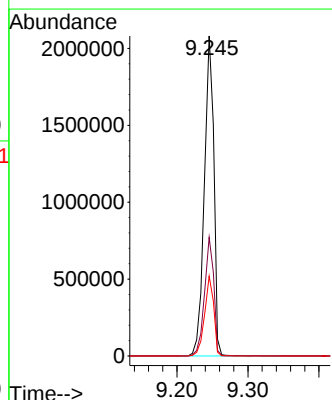
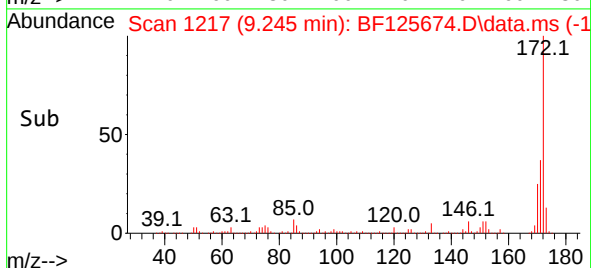
Tgt Ion: 330 Resp: 570354
Ion Ratio Lower Upper
330 100
332 93.6 76.2 114.4
141 30.3 44.6 66.8#

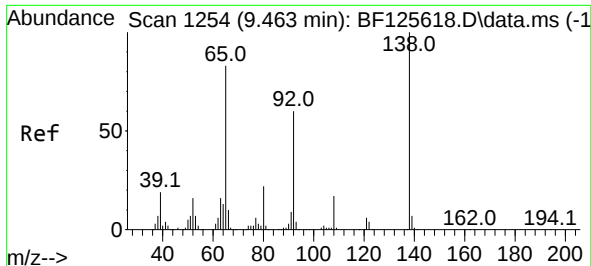


#45
2-Fluorobiphenyl
Concen: 80.558 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125674.D
Acq: 27 Sep 2021 16:18



Tgt Ion: 172 Resp: 1944827
Ion Ratio Lower Upper
172 100
171 37.1 26.5 39.7
170 24.9 18.8 28.2

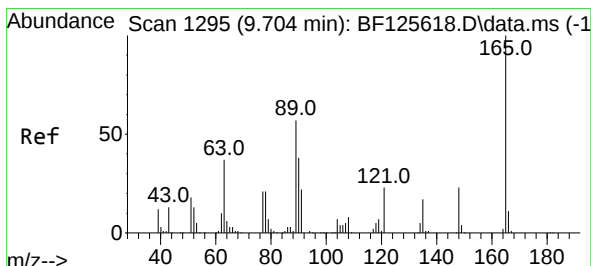
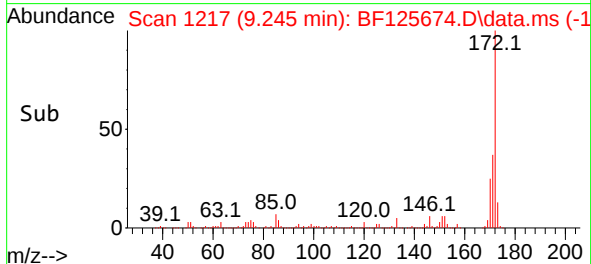
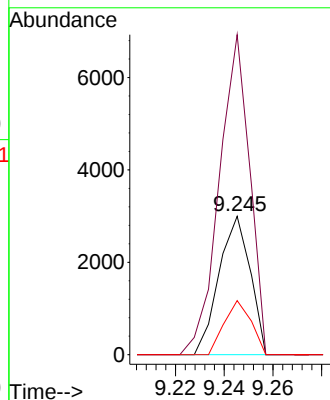
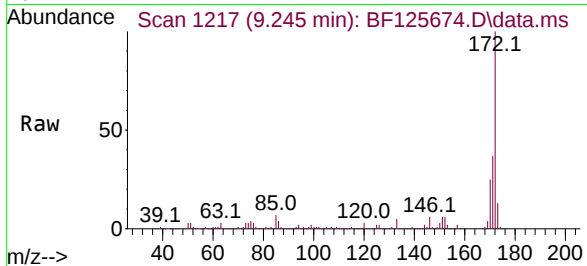




#48
2-Nitroaniline
Concen: 4.551 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125674.D
Acq: 27 Sep 2021 16:18

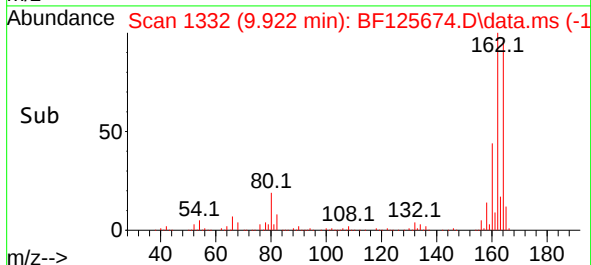
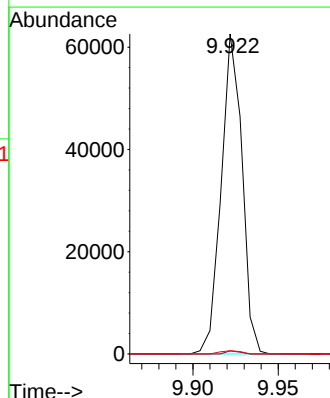
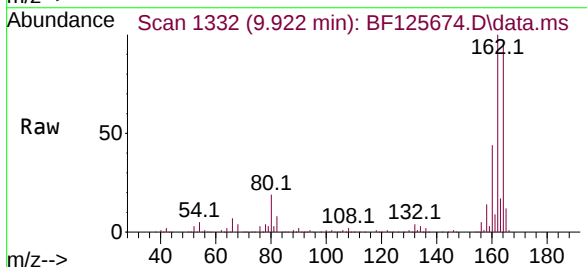
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-05(6-2.6)

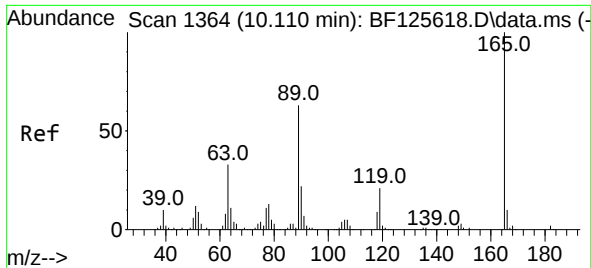
Tgt Ion: 65 Resp: 2669
Ion Ratio Lower Upper
65 100
92 231.1 55.5 83.3#
138 39.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.380 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125674.D
Acq: 27 Sep 2021 16:18

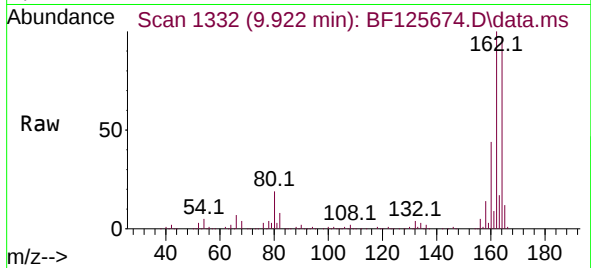
Tgt Ion: 165 Resp: 53344
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.0 40.6 60.8#



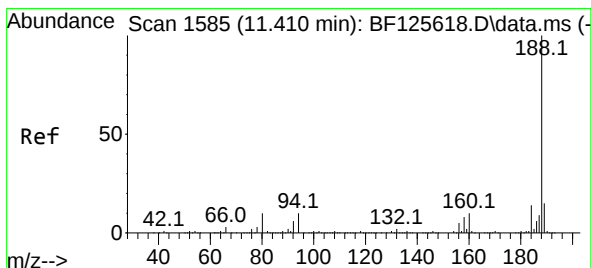
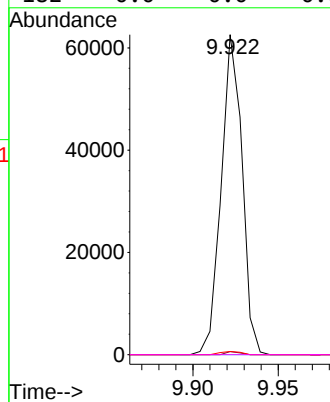
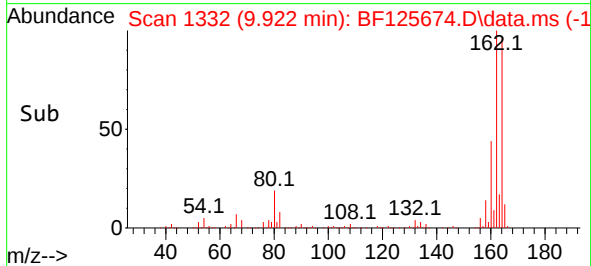


#57
2,4-Dinitrotoluene
Concen: 11.324 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125674.D
Acq: 27 Sep 2021 16:18

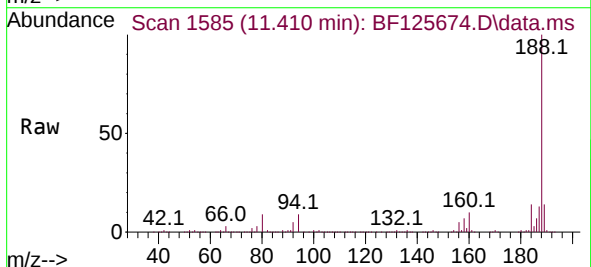
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-05(6-2.6)



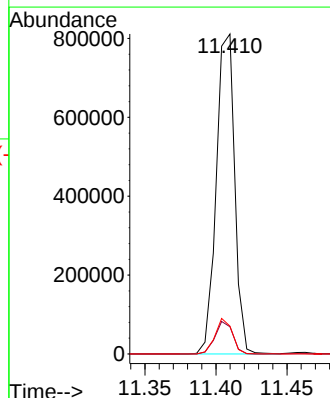
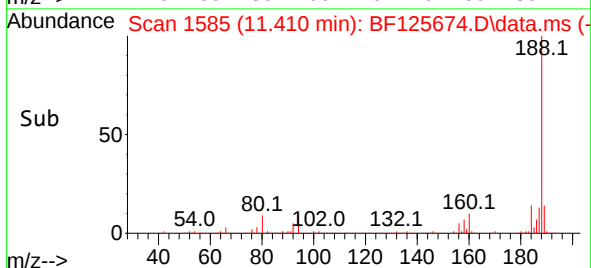
Tgt Ion:165 Resp: 53344
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

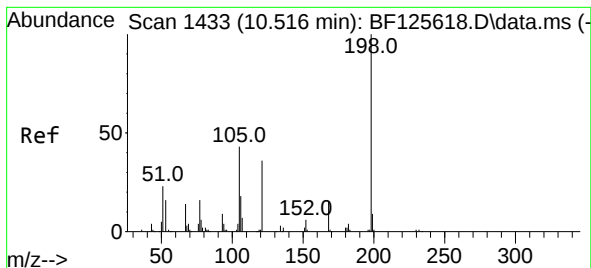


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125674.D
Acq: 27 Sep 2021 16:18



Tgt Ion:188 Resp: 733116
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 8.7 7.5 11.3

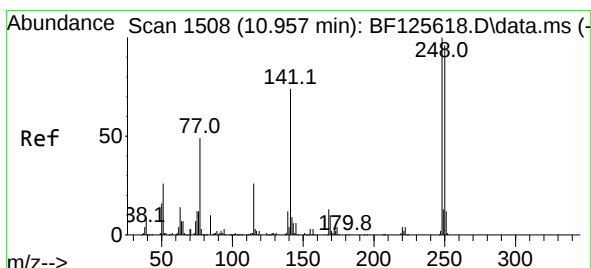
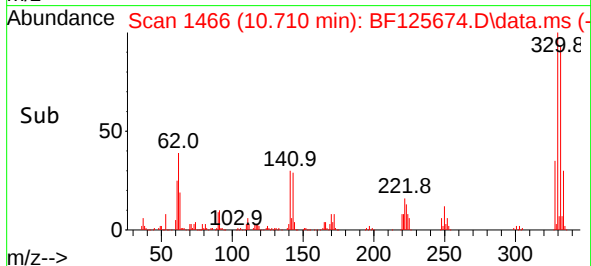
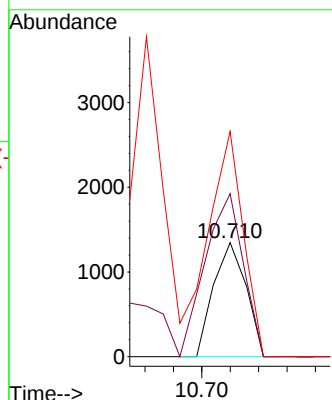
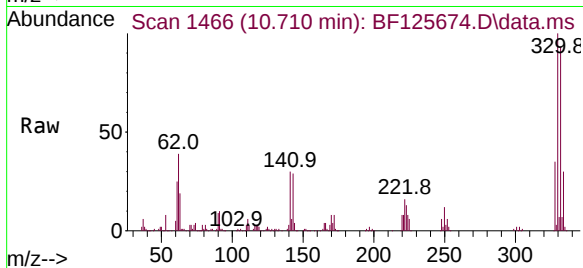




#65
4,6-Dinitro-2-methylphenol
Concen: 9.256 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125674.D
Acq: 27 Sep 2021 16:18

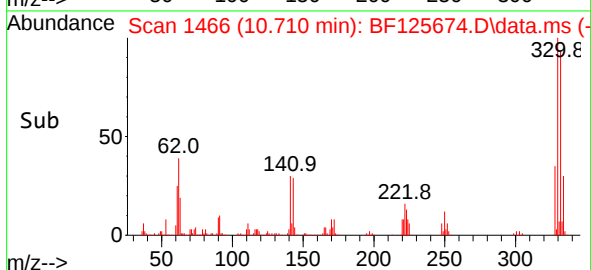
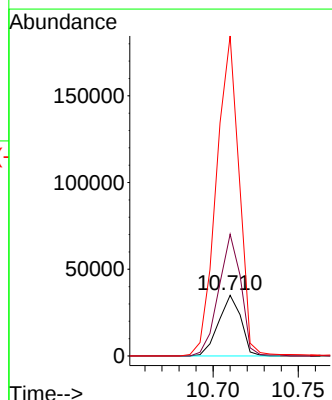
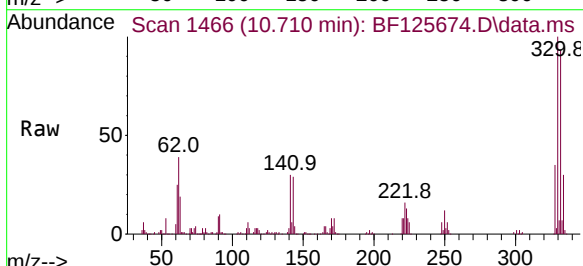
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-05(6-2.6)

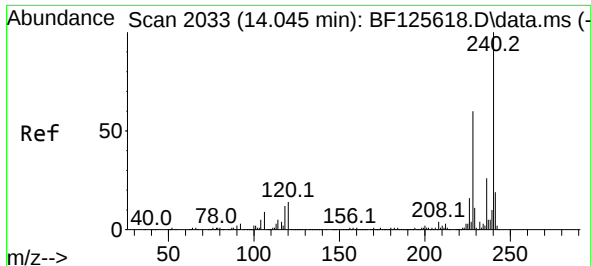
Tgt Ion:198 Resp: 1067
Ion Ratio Lower Upper
198 100
51 142.9 45.3 85.3#
105 197.5 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.171 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125674.D
Acq: 27 Sep 2021 16:18

Tgt Ion:248 Resp: 32090
Ion Ratio Lower Upper
248 100
250 200.7 74.2 111.4#
141 527.3 60.4 90.6#

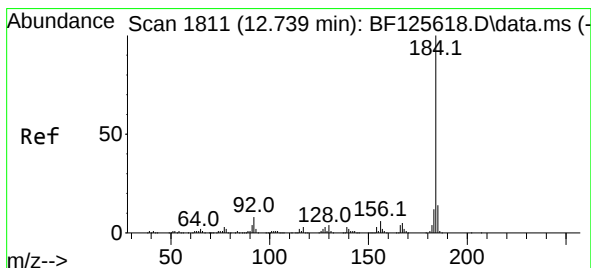
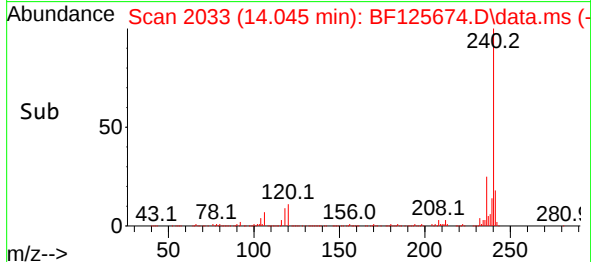
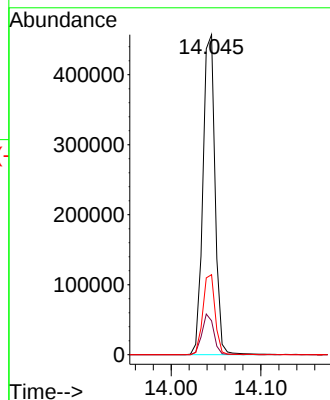
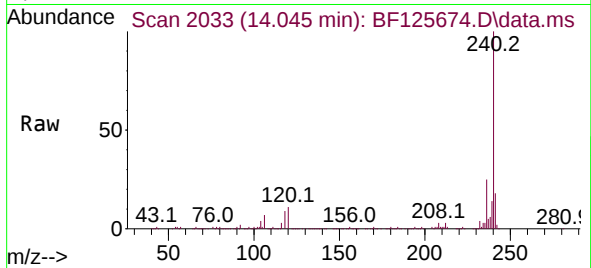




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF125674.D
Acq: 27 Sep 2021 16:18

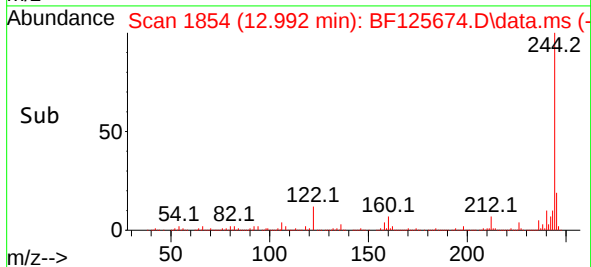
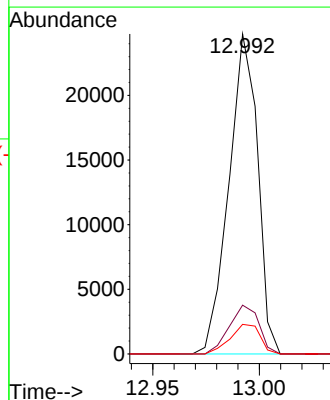
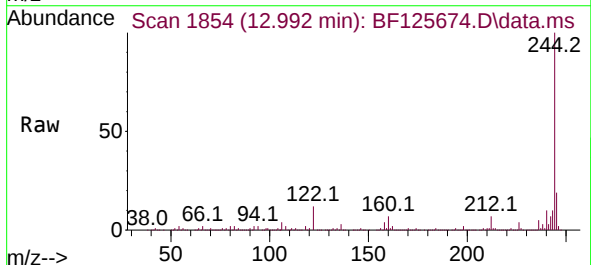
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-05(6-2.6)

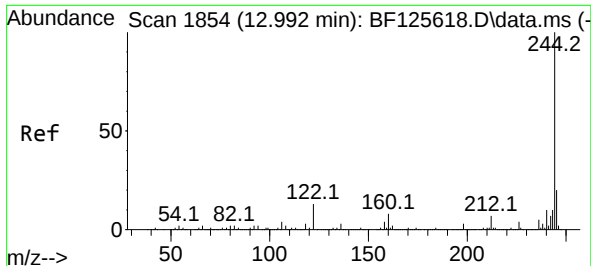
Tgt Ion:240 Resp: 429247
Ion Ratio Lower Upper
240 100
120 10.6 10.8 16.2#
236 25.0 21.6 32.4



#77
Benzidine
Concen: 2.060 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF125674.D
Acq: 27 Sep 2021 16:18

Tgt Ion:184 Resp: 23233
Ion Ratio Lower Upper
184 100
185 15.3 10.8 16.2
183 9.3 8.1 12.1

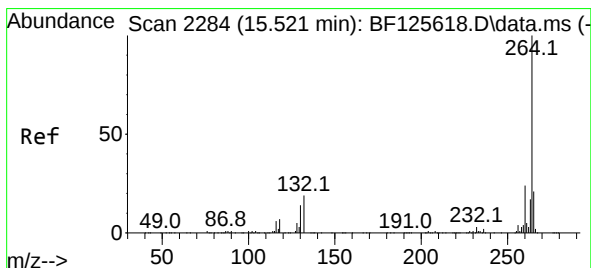
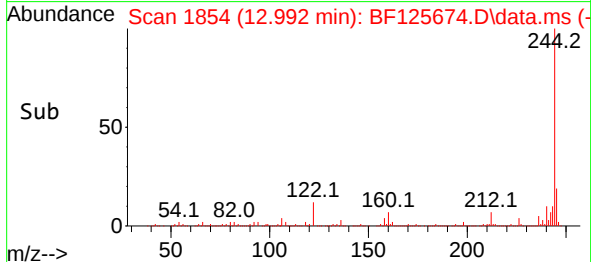
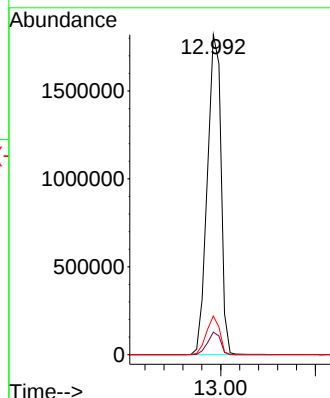
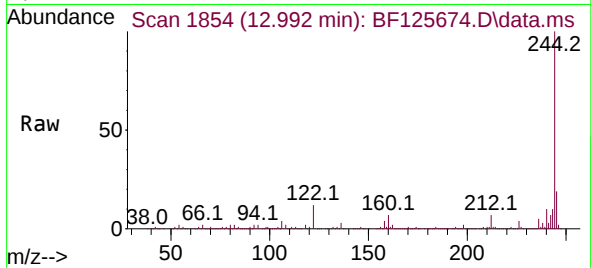




#79
 Terphenyl-d14
 Concen: 73.218 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF125674.D
 Acq: 27 Sep 2021 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-05(6-2.6)

Tgt Ion:244 Resp: 1814826
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 12.1 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: BF125674.D
 Acq: 27 Sep 2021 16:18

Tgt Ion:264 Resp: 381883
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 21.6 17.2 25.8

