

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
 Data File : BF125693.D
 Acq On : 28 Sep 2021 17:28
 Operator : JU/CG
 Sample : M3961-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-09(8.5-9)

Quant Time: Sep 28 17:54:40 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)

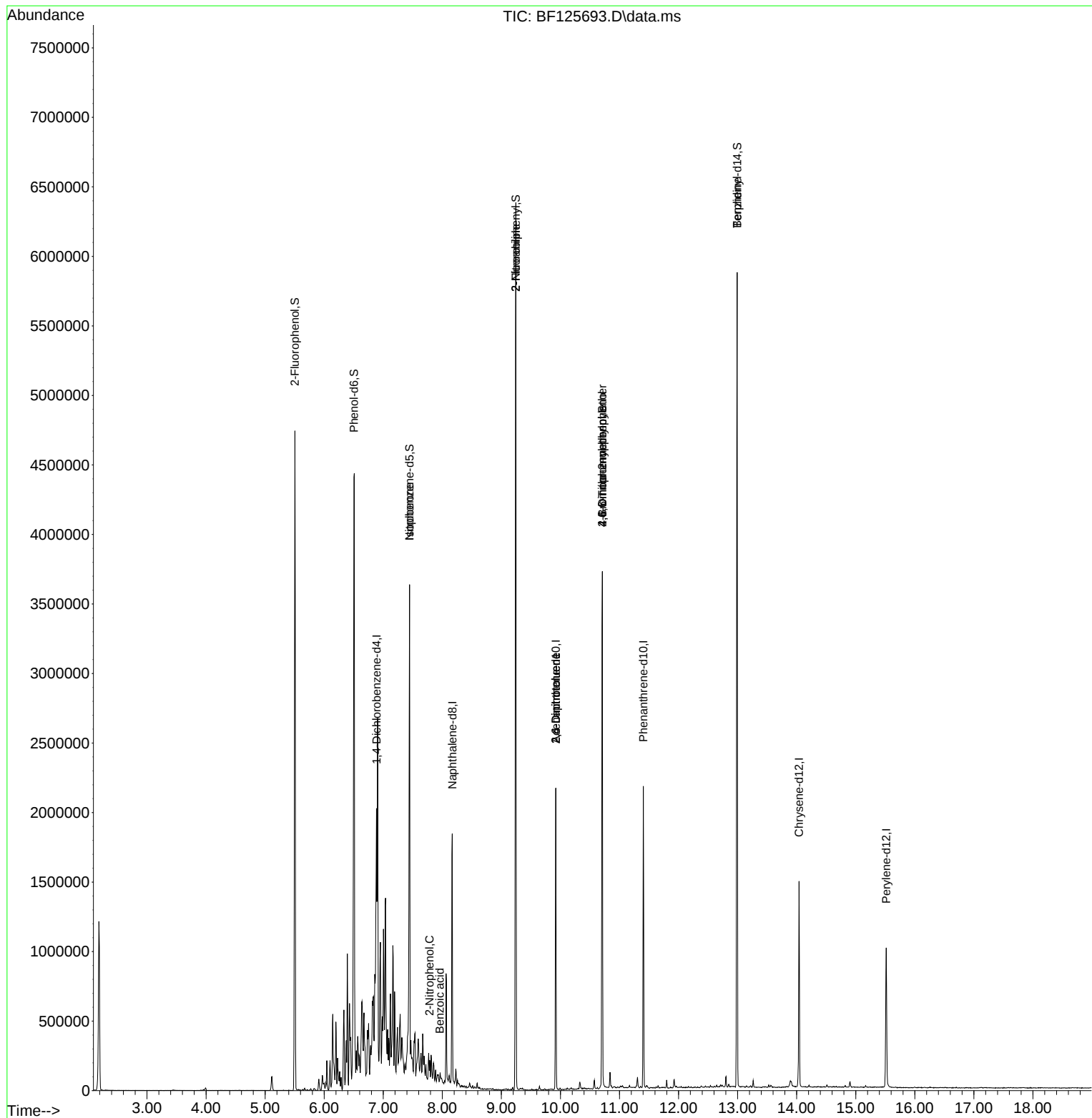
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	200029	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	824372	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	422160	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	711148	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	462447	20.000	ng	0.00
86) Perylene-d12	15.515	264	444948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1537857	126.668	ng	0.00
7) Phenol-d6	6.504	99	1886039	115.549	ng	0.00
23) Nitrobenzene-d5	7.445	82	1113646	94.226	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	499326	126.858	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2035075	86.920	ng	0.00
79) Terphenyl-d14	12.992	244	1994302	74.682	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	4011	Below Cal	#	1
25) Isophorone	7.445	82	1105368	41.761	ng	# 59
26) 2-Nitrophenol	7.787	139	1073	5.884	ng	# 1
32) Benzoic acid	7.957	122	122	8.639	ng	# 27
48) 2-Nitroaniline	9.245	65	2737	4.568	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	52681	12.430	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	52681	11.363	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	949	9.236	ng	# 7
67) 4-Bromophenyl-phenylether	10.710	248	27287	3.656	ng	# 1
77) Benzidine	12.992	184	24940	2.053	ng	98

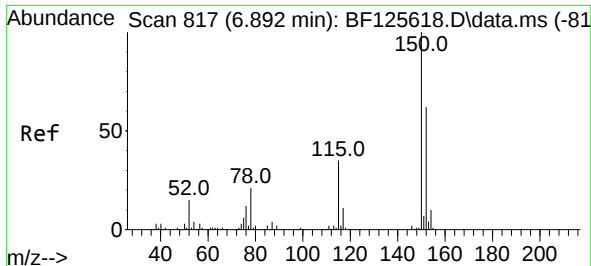
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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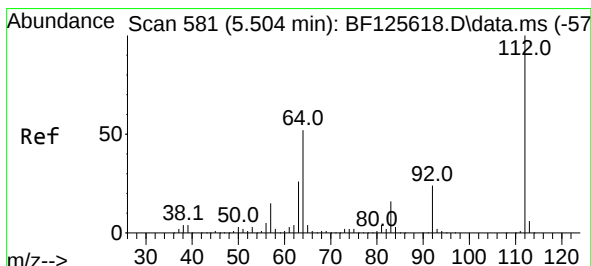
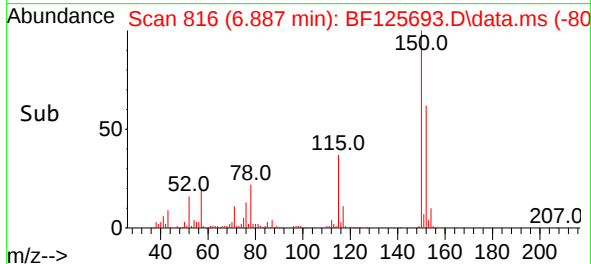
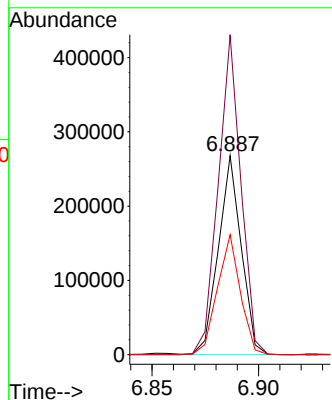
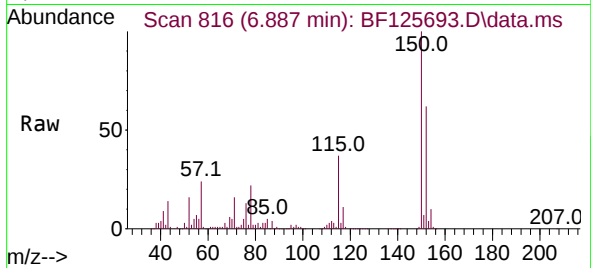




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125693.D
Acq: 28 Sep 2021 17:28

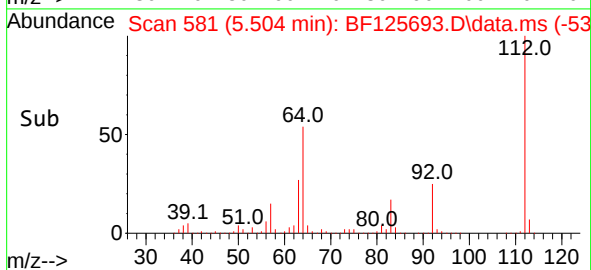
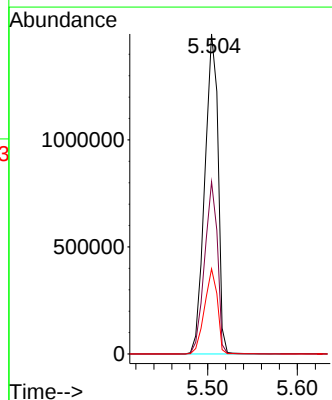
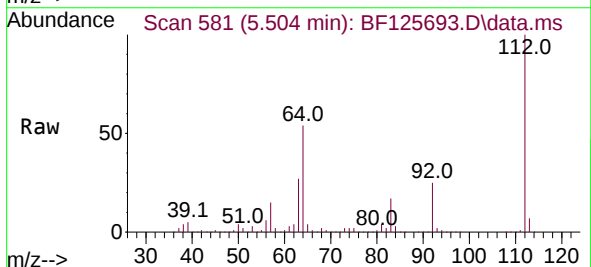
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(8.5-9)

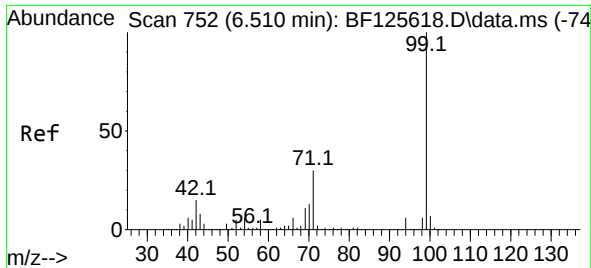
Tgt Ion:152 Resp: 200029
Ion Ratio Lower Upper
152 100
150 160.8 117.6 176.4
115 60.3 47.1 70.7



#5
2-Fluorophenol
Concen: 126.668 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125693.D
Acq: 28 Sep 2021 17:28

Tgt Ion:112 Resp: 1537857
Ion Ratio Lower Upper
112 100
64 53.8 44.2 66.2
63 26.6 26.2 39.2

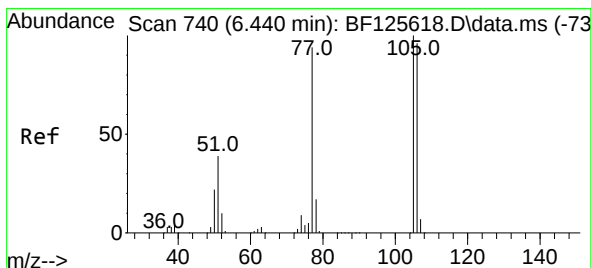
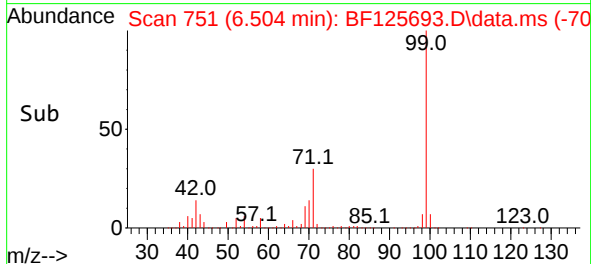
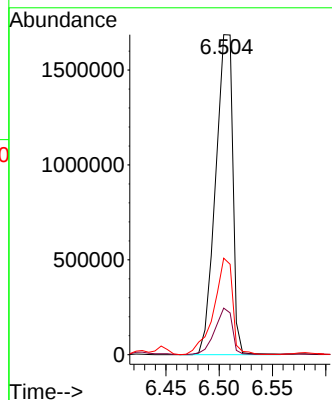
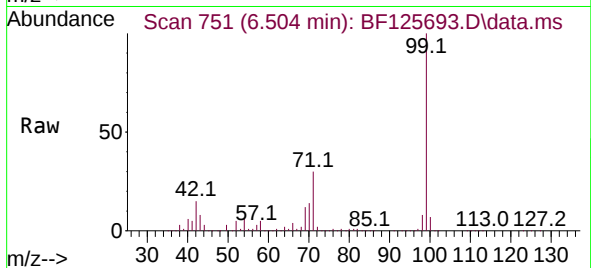




#7
Phenol-d6
Concen: 115.549 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125693.D
Acq: 28 Sep 2021 17:28

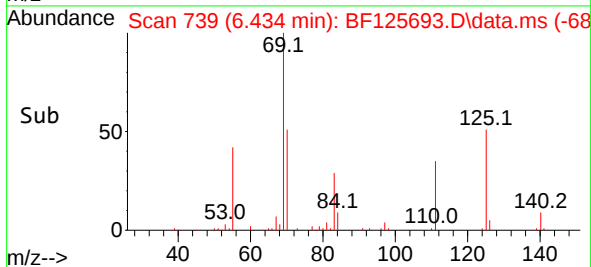
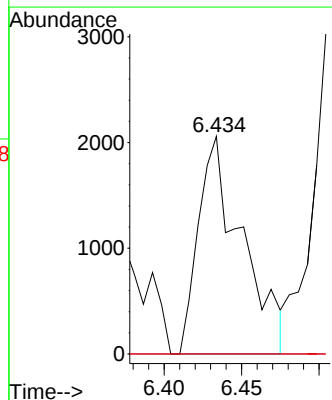
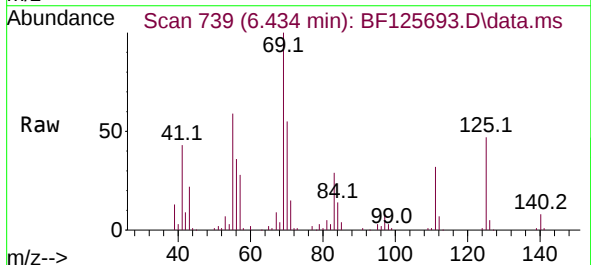
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(8.5-9)

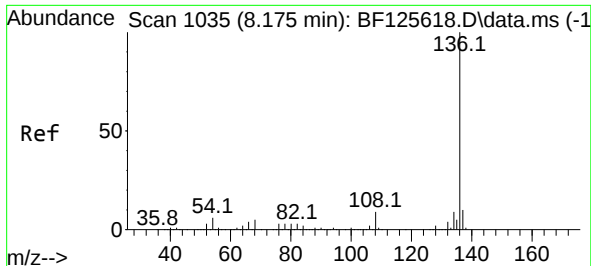
Tgt Ion: 99 Resp: 1886039
Ion Ratio Lower Upper
99 100
42 14.5 23.5 35.3#
71 30.2 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125693.D
Acq: 28 Sep 2021 17:28

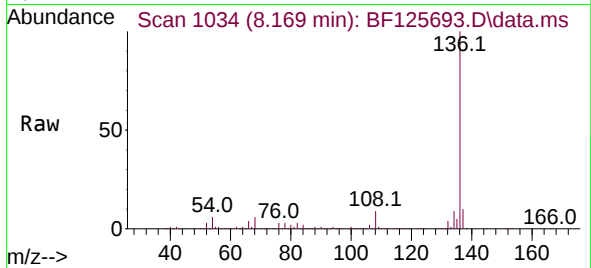
Tgt Ion: 77 Resp: 4011
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



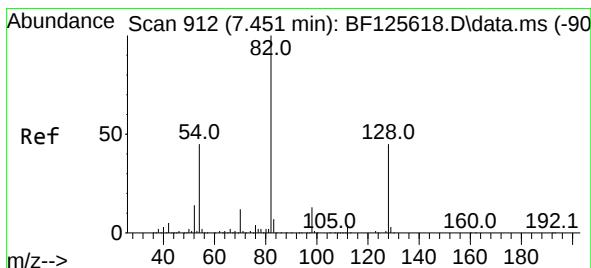
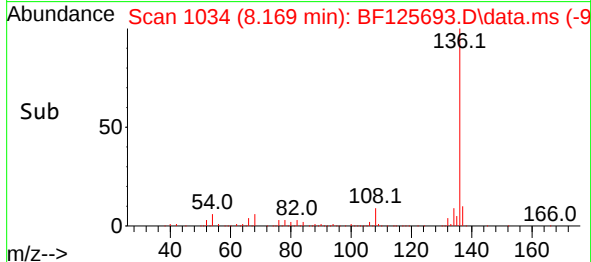
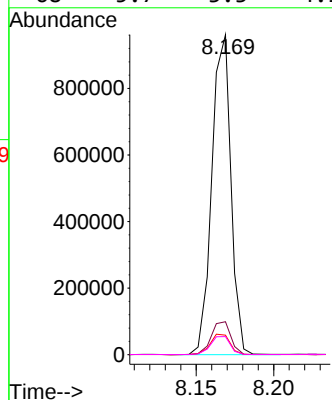


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125693.D
Acq: 28 Sep 2021 17:28

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(8.5-9)

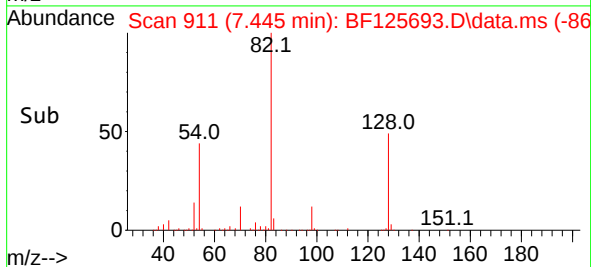
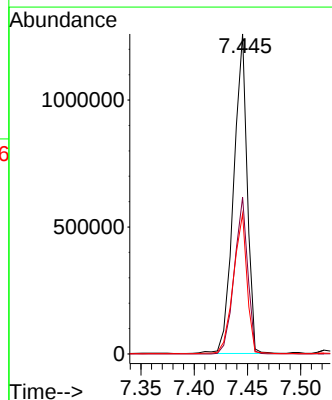
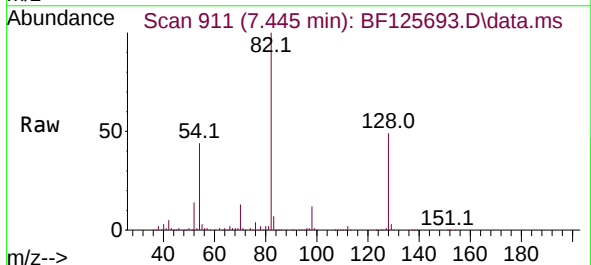


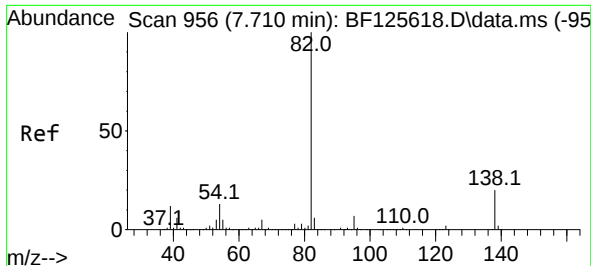
Tgt Ion:136 Resp: 824372
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 6.1 6.4 9.6#
68 5.7 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 94.226 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125693.D
Acq: 28 Sep 2021 17:28

Tgt Ion: 82 Resp: 1113646
Ion Ratio Lower Upper
82 100
128 49.0 40.6 60.8
54 43.7 49.6 74.4#

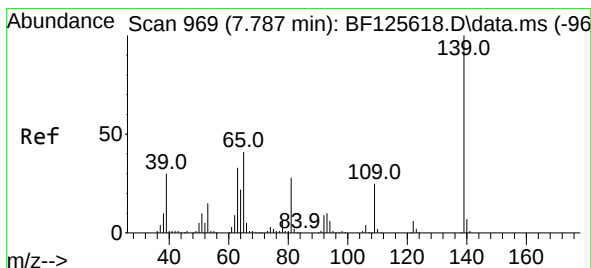
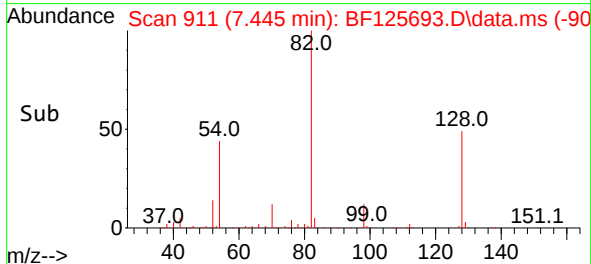
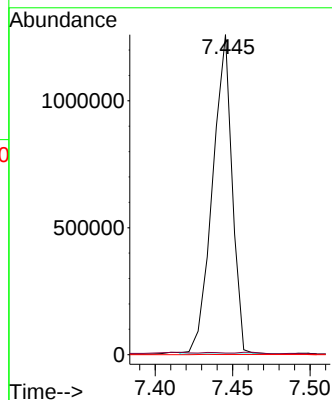
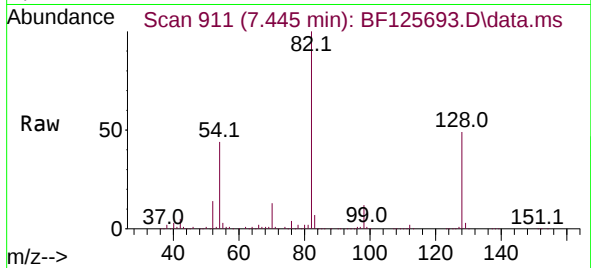




#25
Isophorone
Concen: 41.761 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125693.D
Acq: 28 Sep 2021 17:28

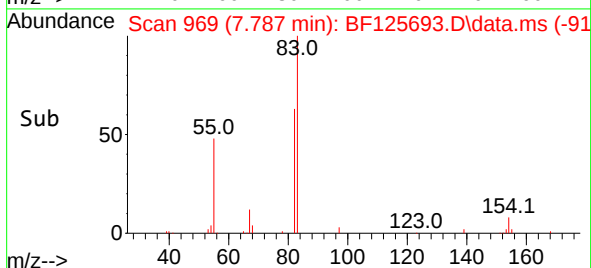
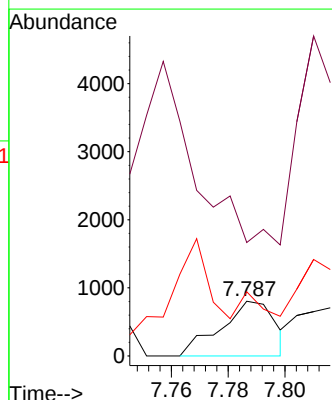
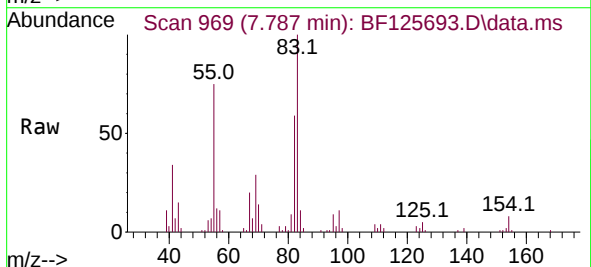
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ClientSampleId :
SUB-SLAB-09(8.5-9)

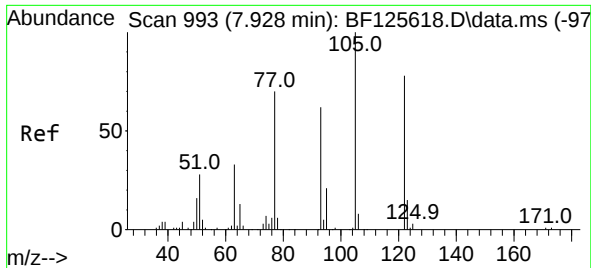
Tgt Ion: 82 Resp: 1105368
Ion Ratio Lower Upper
82 100
95 0.5 6.5 9.7#
138 0.0 18.4 27.6#



#26
2-Nitrophenol
Concen: 5.884 ng
RT: 7.787 min Scan# 969
Delta R.T. -0.000 min
Lab File: BF125693.D
Acq: 28 Sep 2021 17:28

Tgt Ion:139 Resp: 1073
Ion Ratio Lower Upper
139 100
109 207.5 26.0 39.0#
65 117.3 31.0 46.4#

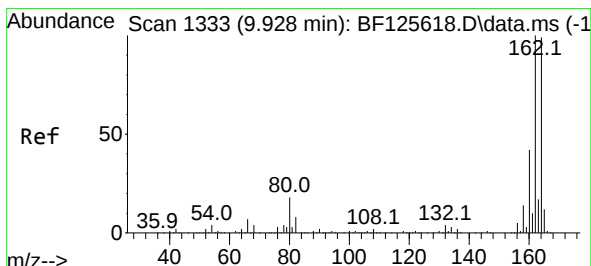
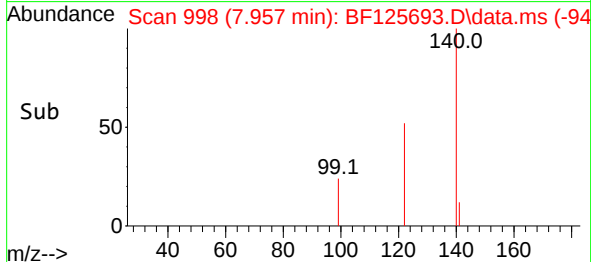
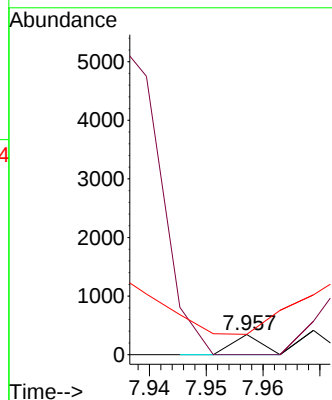
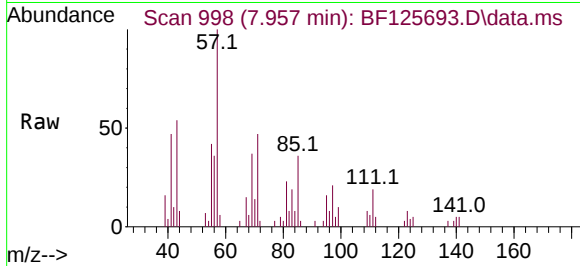




#32
Benzoic acid
Concen: 8.639 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.029 min
Lab File: BF125693.D
Acq: 28 Sep 2021 17:28

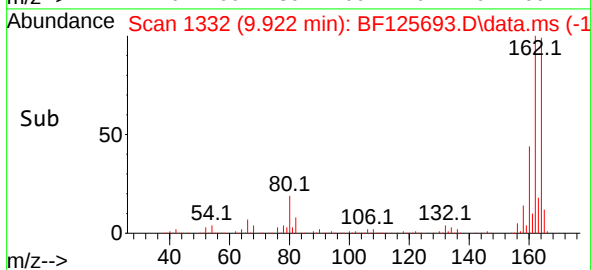
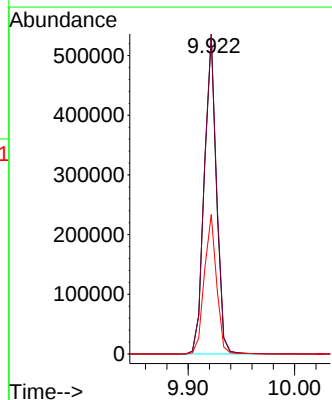
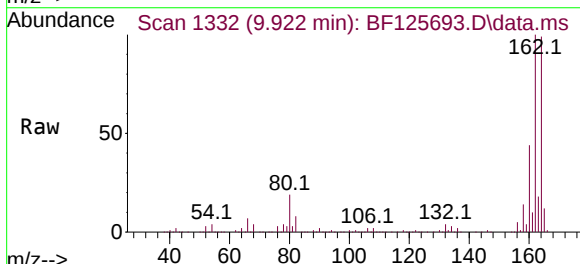
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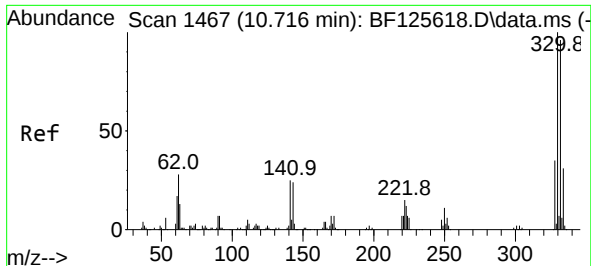
Tgt Ion:122 Resp: 122
Ion Ratio Lower Upper
122 100
105 0.0 97.6 137.6#
77 100.6 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125693.D
Acq: 28 Sep 2021 17:28

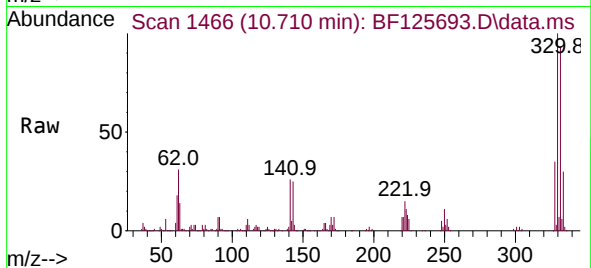
Tgt Ion:164 Resp: 422160
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 43.9 38.0 57.0



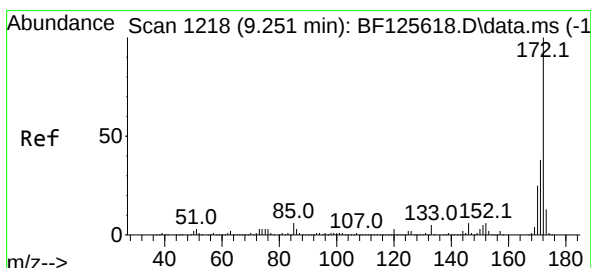
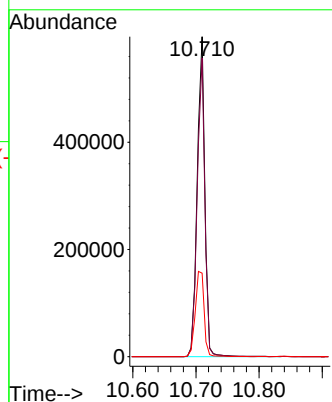
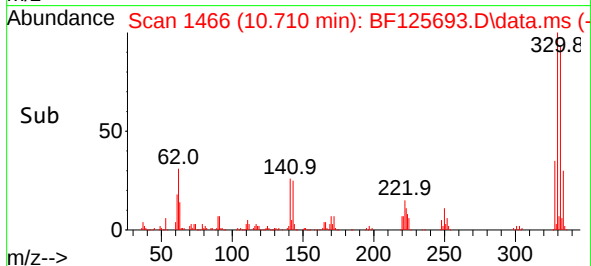


#42
2,4,6-Tribromophenol
Concen: 126.858 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125693.D
Acq: 28 Sep 2021 17:28

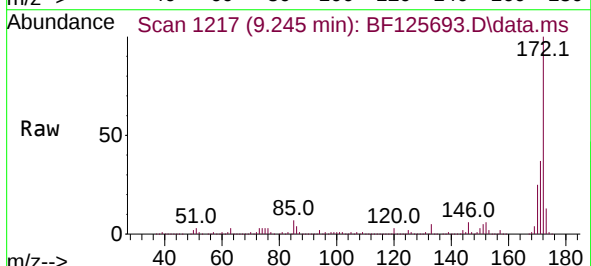
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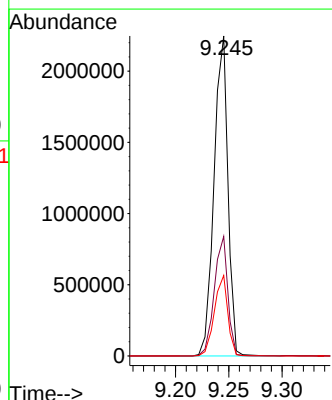
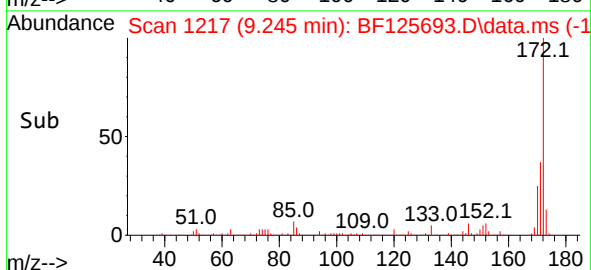
Tgt Ion:330 Resp: 499326
Ion Ratio Lower Upper
330 100
332 93.6 76.2 114.4
141 30.9 44.6 66.8#

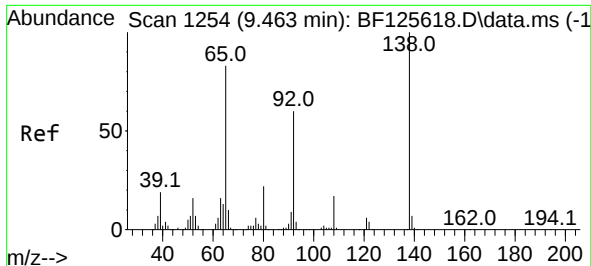


#45
2-Fluorobiphenyl
Concen: 86.920 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125693.D
Acq: 28 Sep 2021 17:28



Tgt Ion:172 Resp: 2035075
Ion Ratio Lower Upper
172 100
171 37.3 26.5 39.7
170 25.2 18.8 28.2

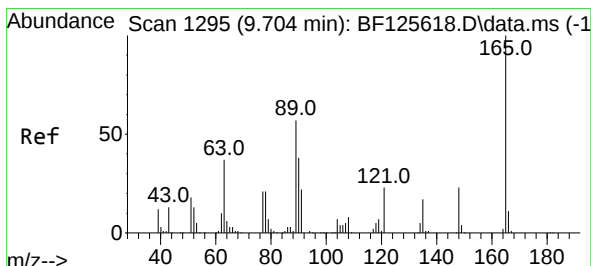
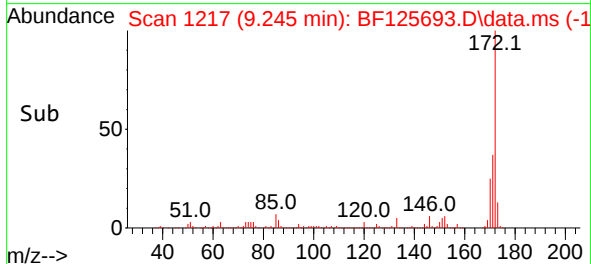
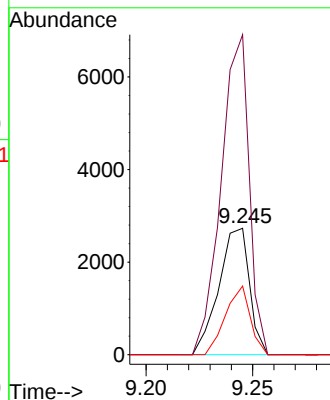
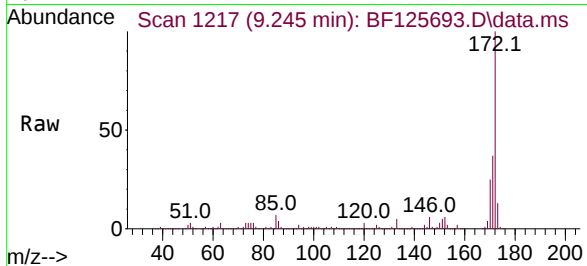




#48
2-Nitroaniline
Concen: 4.568 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125693.D
Acq: 28 Sep 2021 17:28

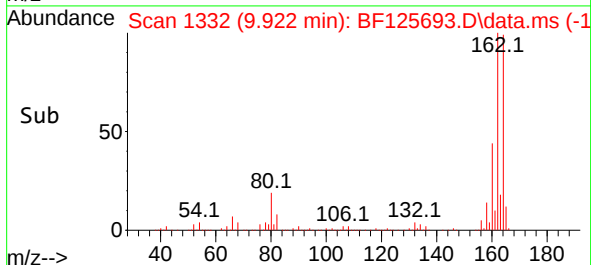
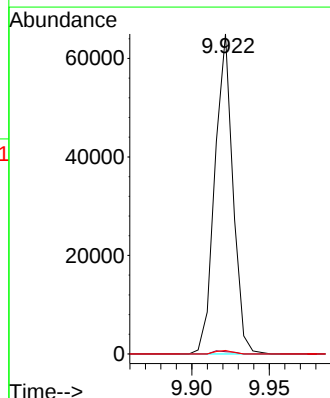
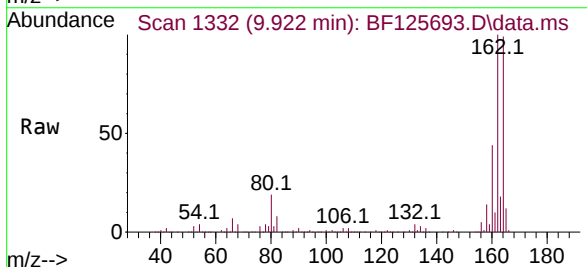
Instrument :
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SUB-SLAB-09(8.5-9)

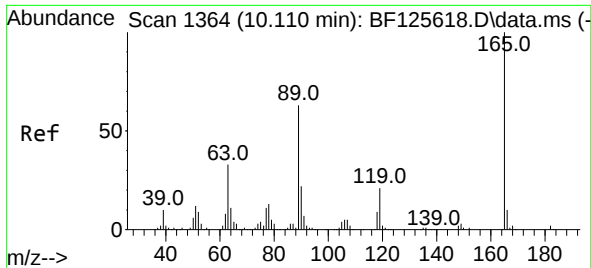
Tgt Ion: 65 Resp: 2737
Ion Ratio Lower Upper
65 100
92 253.0 55.5 83.3#
138 54.3 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.430 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125693.D
Acq: 28 Sep 2021 17:28

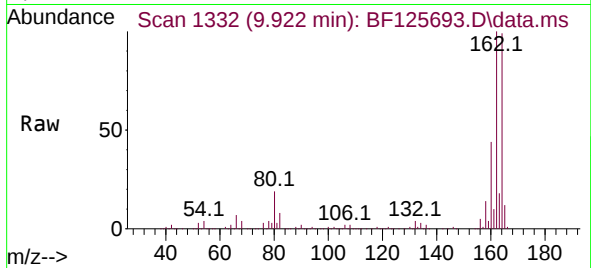
Tgt Ion:165 Resp: 52681
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 1.1 40.6 60.8#



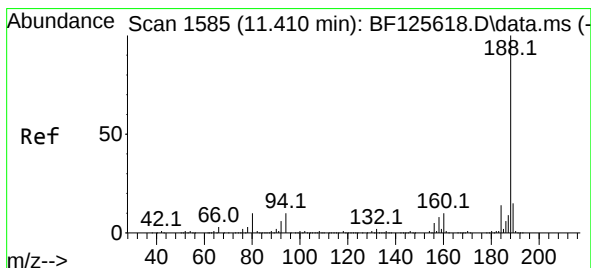
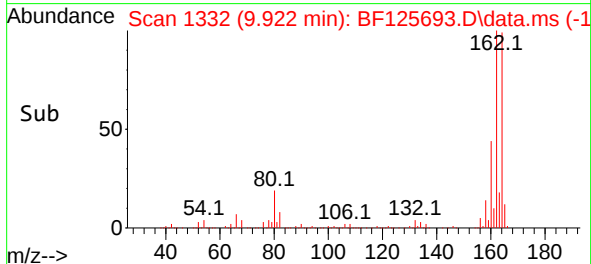
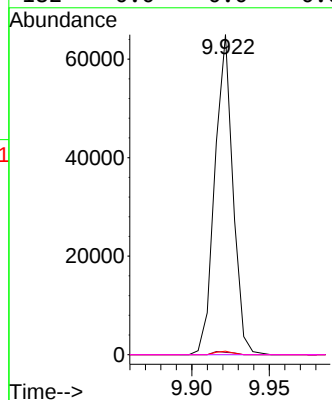


#57
2,4-Dinitrotoluene
Concen: 11.363 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125693.D
Acq: 28 Sep 2021 17:28

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(8.5-9)

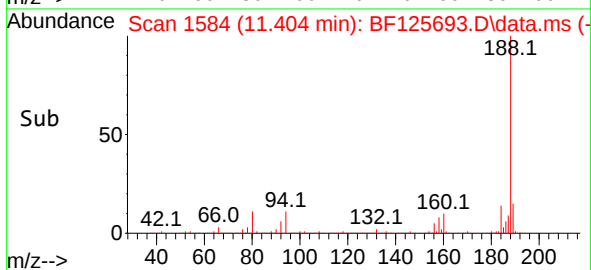
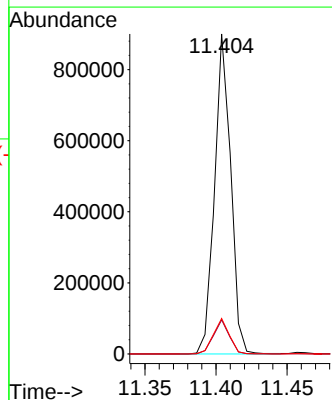
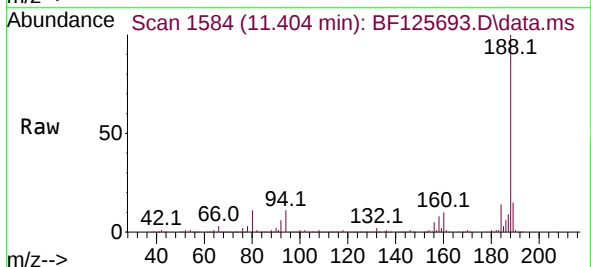


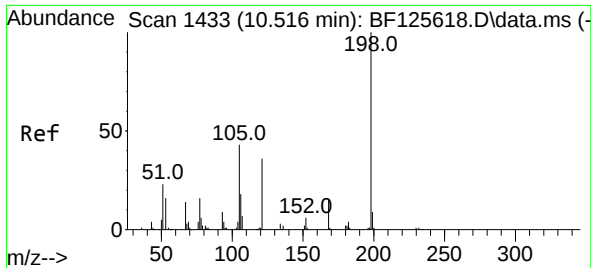
Tgt Ion:165 Resp: 52681
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125693.D
Acq: 28 Sep 2021 17:28

Tgt Ion:188 Resp: 711148
Ion Ratio Lower Upper
188 100
94 10.6 6.7 10.1#
80 11.1 7.5 11.3

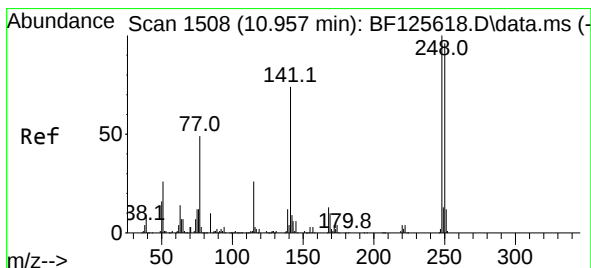
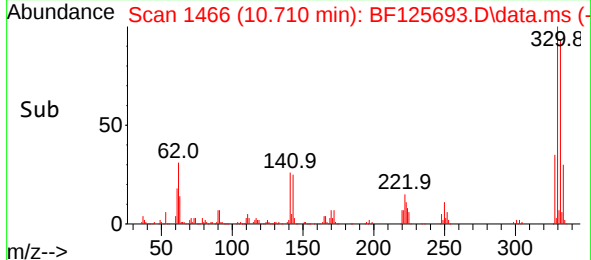
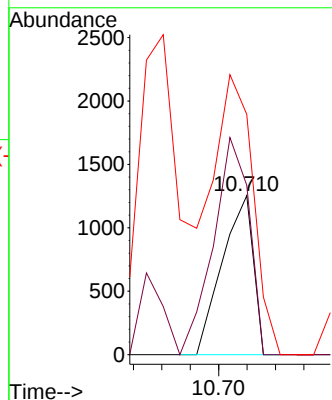
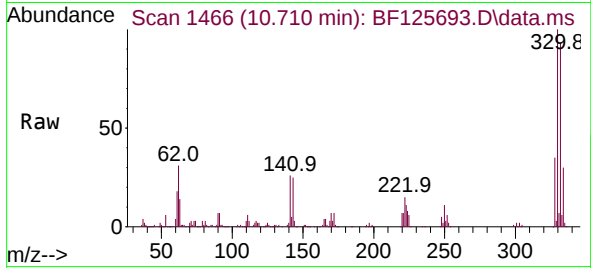




#65
4,6-Dinitro-2-methylphenol
Concen: 9.236 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125693.D
Acq: 28 Sep 2021 17:28

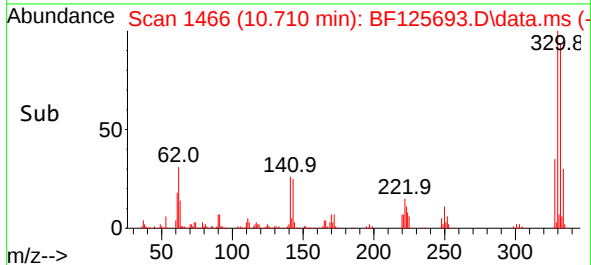
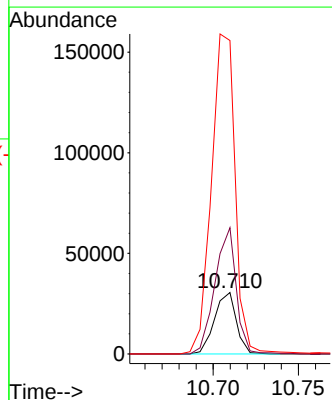
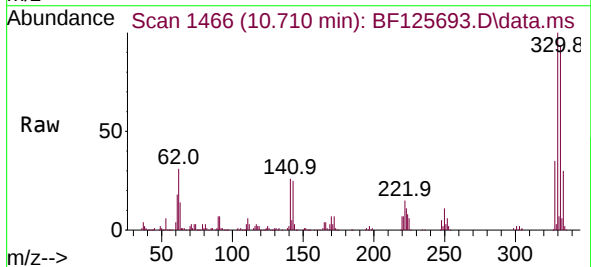
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(8.5-9)

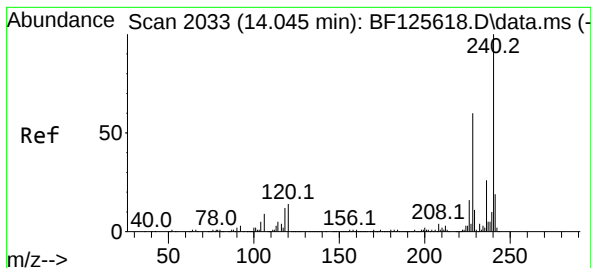
Tgt Ion:198 Resp: 949
Ion Ratio Lower Upper
198 100
51 106.5 45.3 85.3#
105 151.1 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.656 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125693.D
Acq: 28 Sep 2021 17:28

Tgt Ion:248 Resp: 27287
Ion Ratio Lower Upper
248 100
250 205.7 74.2 111.4#
141 510.5 60.4 90.6#

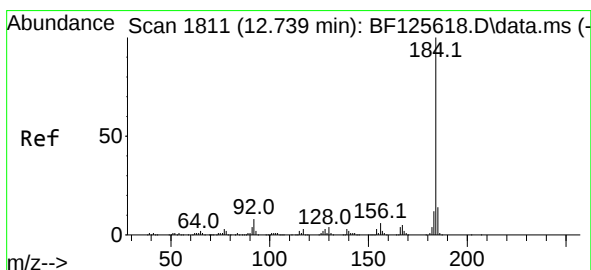
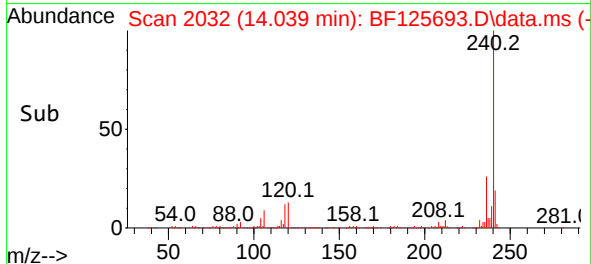
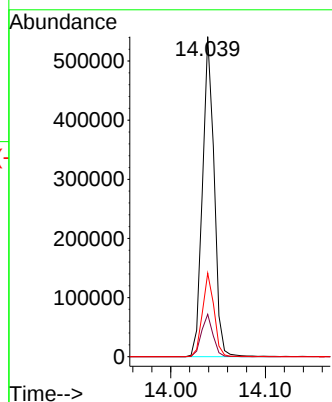
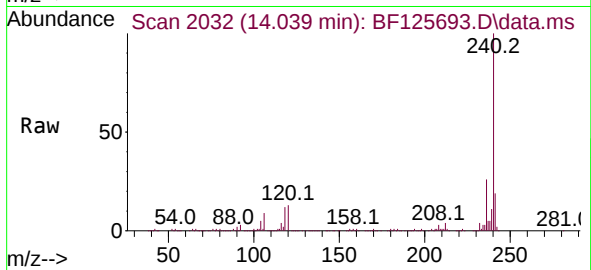




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125693.D
Acq: 28 Sep 2021 17:28

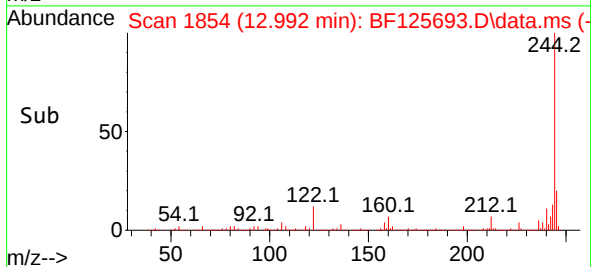
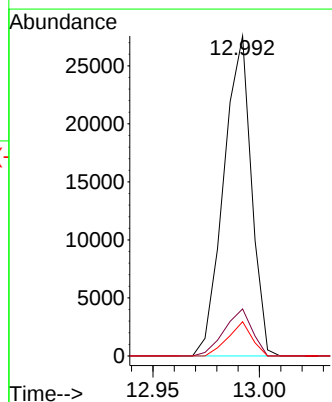
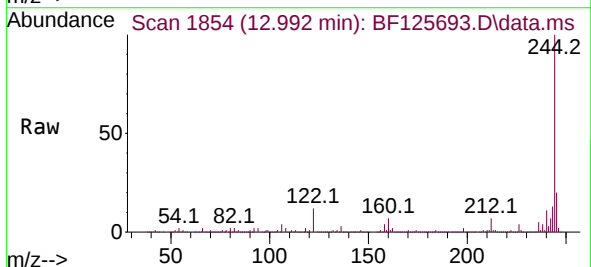
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(8.5-9)

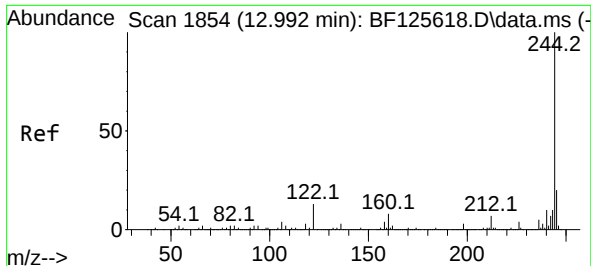
Tgt Ion:240 Resp: 462447
Ion Ratio Lower Upper
240 100
120 13.2 10.8 16.2
236 26.1 21.6 32.4



#77
Benzidine
Concen: 2.053 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF125693.D
Acq: 28 Sep 2021 17:28

Tgt Ion:184 Resp: 24940
Ion Ratio Lower Upper
184 100
185 14.7 10.8 16.2
183 10.7 8.1 12.1

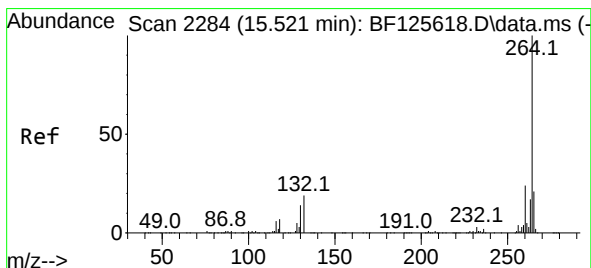
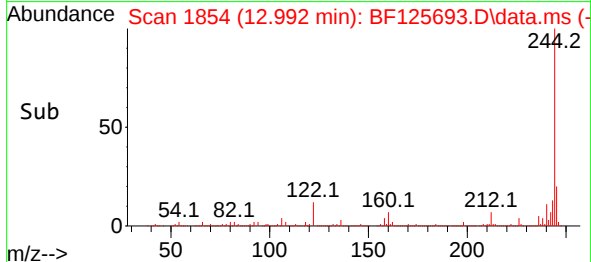
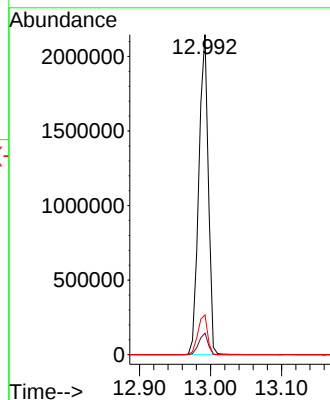
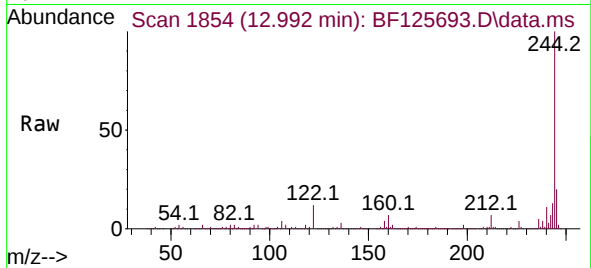




#79
 Terphenyl-d14
 Concen: 74.682 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF125693.D
 Acq: 28 Sep 2021 17:28

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-09(8.5-9)

Tgt Ion:244 Resp: 1994302
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 12.4 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: BF125693.D
 Acq: 28 Sep 2021 17:28

Tgt Ion:264 Resp: 444948
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.6 29.4
 265 21.4 17.2 25.8

