

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
 Data File : BF125690.D
 Acq On : 28 Sep 2021 15:51
 Operator : JU/CG
 Sample : M3961-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-09(20.21)

Quant Time: Sep 28 17:53:04 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)

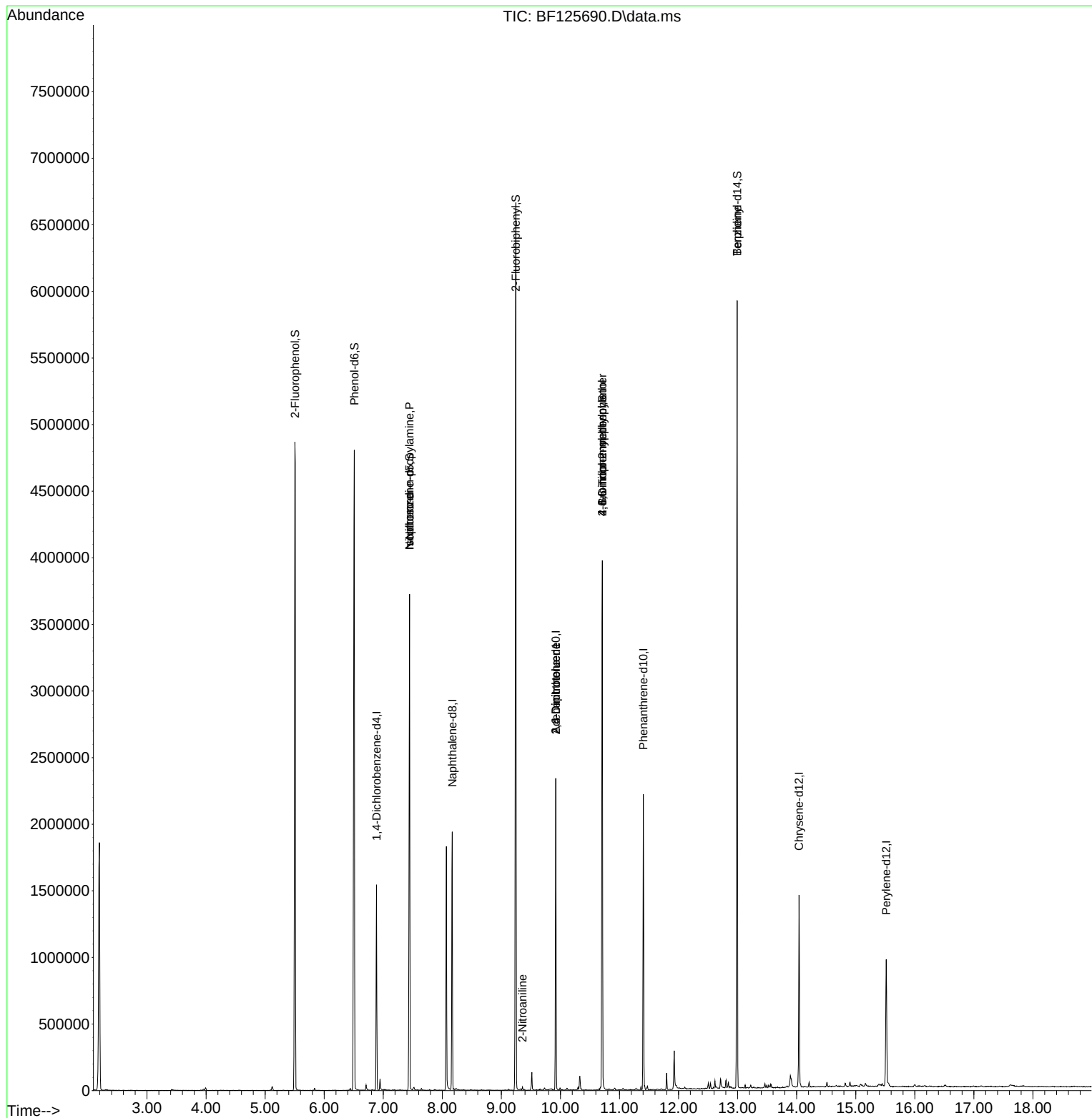
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	214600	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	869703	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	442903	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	741152	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	435131	20.000	ng	0.00
86) Perylene-d12	15.515	264	418334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1684772	129.346	ng	0.00
7) Phenol-d6	6.510	99	2037242	116.338	ng	0.00
23) Nitrobenzene-d5	7.445	82	1195360	95.868	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	543232	131.549	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2147024	87.496	ng	0.00
79) Terphenyl-d14	12.992	244	1930324	76.824	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	2833	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	151856	15.231	ng	# 51
25) Isophorone	7.445	82	1193368	42.736	ng	# 59
48) 2-Nitroaniline	9.357	65	238	4.191	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	55878	12.521	ng	# 28
57) 2,4-Dinitrotoluene	9.922	165	55878	11.436	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.710	198	985	9.235	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	29665	3.814	ng	# 1
77) Benzidine	12.992	184	24217	2.119	ng	# 94

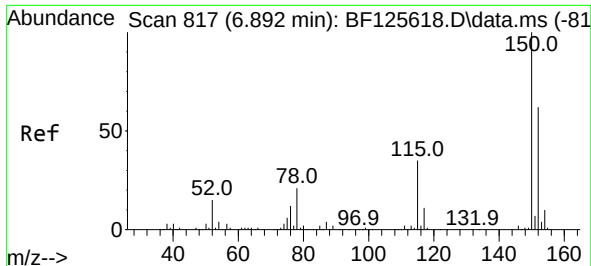
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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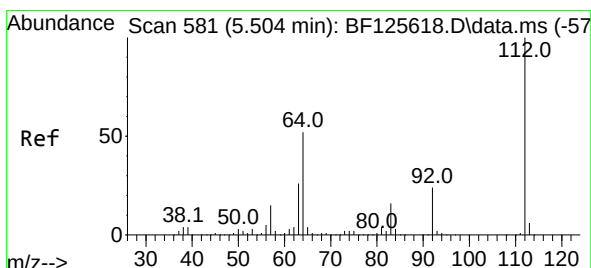
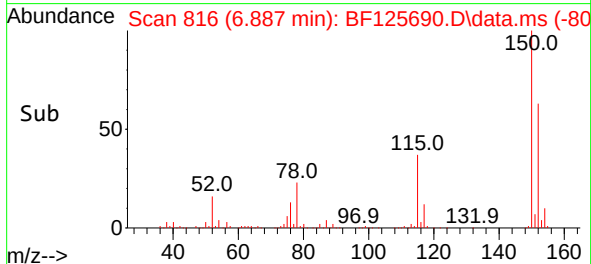
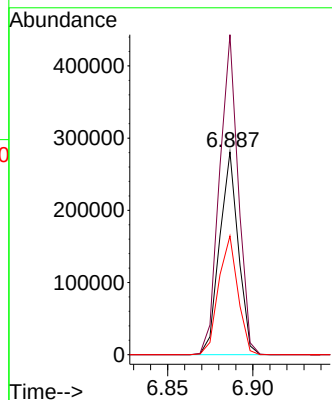
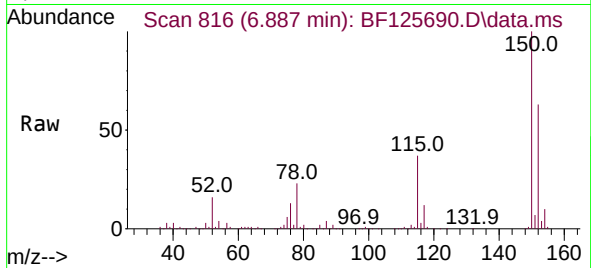




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125690.D
Acq: 28 Sep 2021 15:51

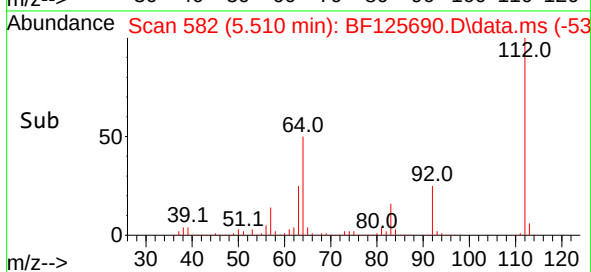
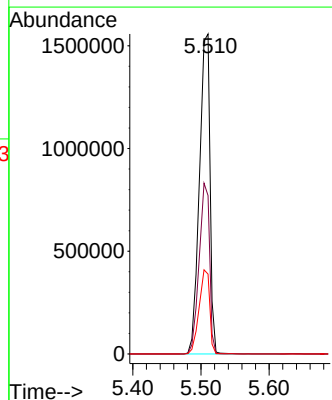
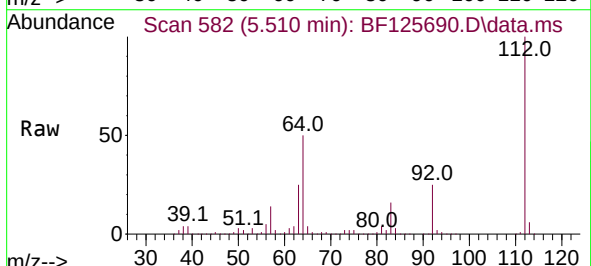
Instrument :
BNA_F
ClientSampleId :
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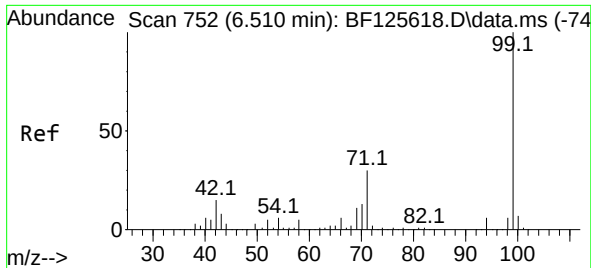
Tgt Ion:152 Resp: 214600
Ion Ratio Lower Upper
152 100
150 157.8 117.6 176.4
115 58.6 47.1 70.7



#5
2-Fluorophenol
Concen: 129.346 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125690.D
Acq: 28 Sep 2021 15:51

Tgt Ion:112 Resp: 1684772
Ion Ratio Lower Upper
112 100
64 49.5 44.2 66.2
63 25.0 26.2 39.2#

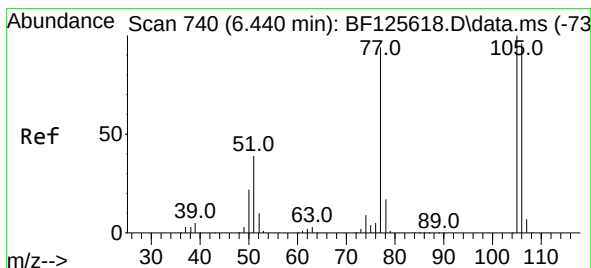
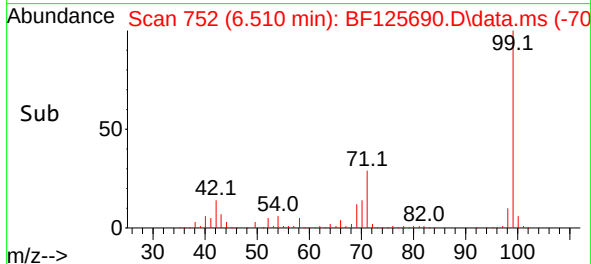
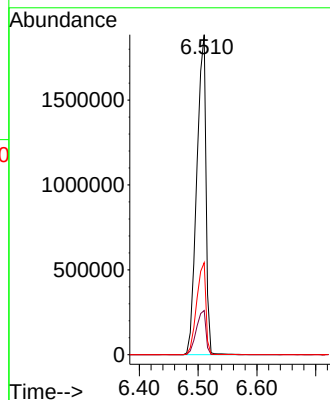
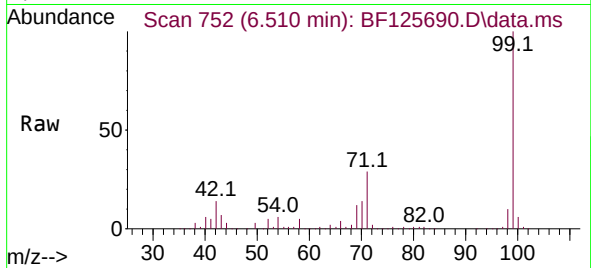




#7
Phenol-d6
Concen: 116.338 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125690.D
Acq: 28 Sep 2021 15:51

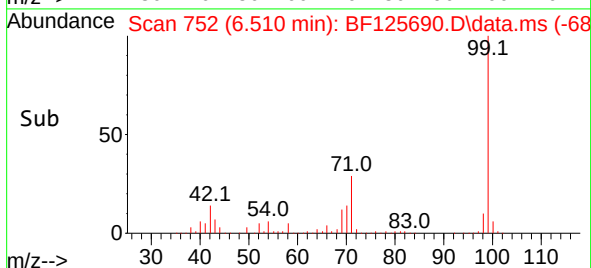
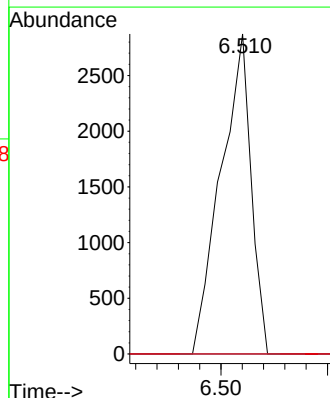
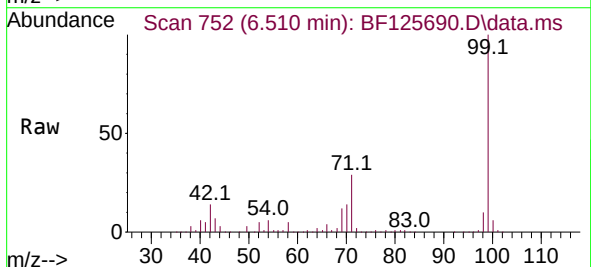
Instrument :
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ClientSampleId :
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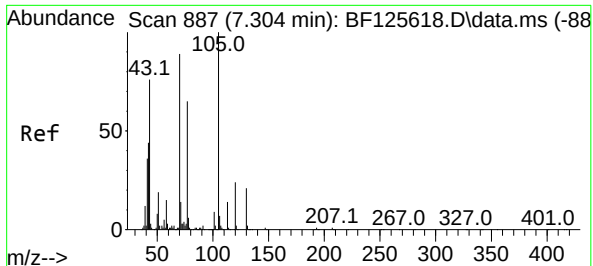
Tgt Ion: 99 Resp: 2037242
Ion Ratio Lower Upper
99 100
42 13.8 23.5 35.3#
71 28.8 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125690.D
Acq: 28 Sep 2021 15:51

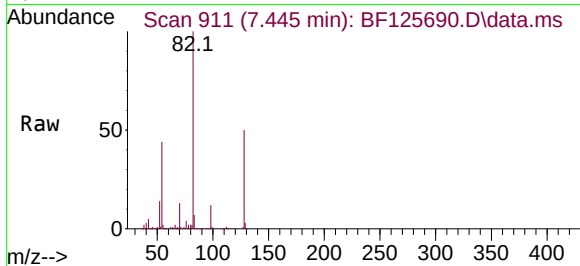
Tgt Ion: 77 Resp: 2833
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

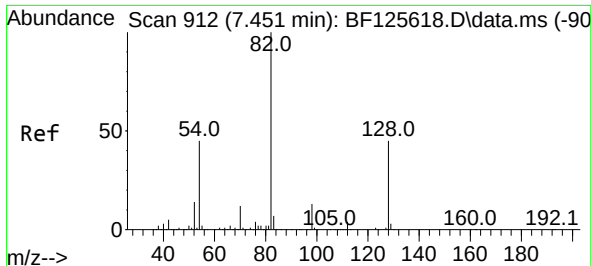




#19
n-Nitroso-di-n-propylamine
Concen: 15.231 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125690.D
Acq: 28 Sep 2021 15:51

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)

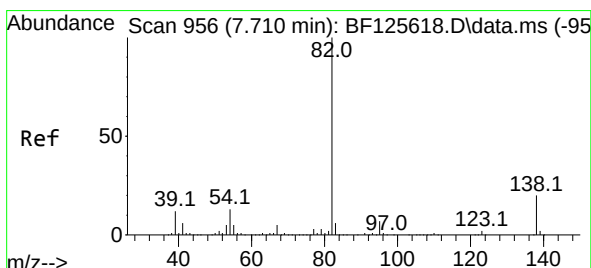
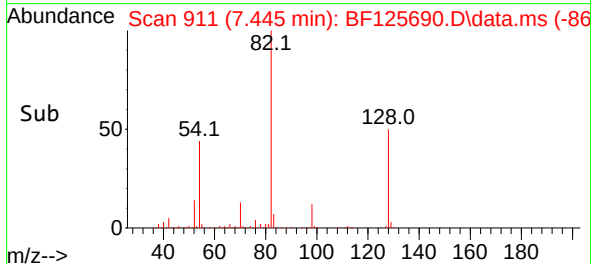
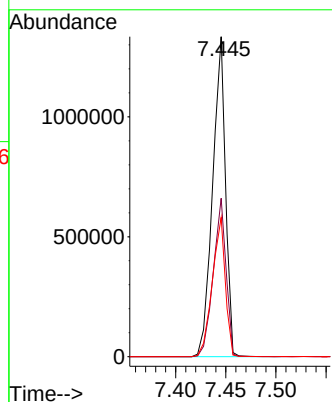
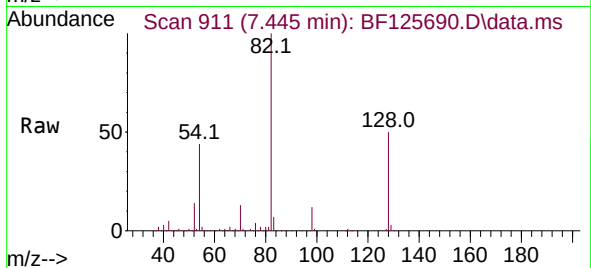




#23
Nitrobenzene-d5
Concen: 95.868 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125690.D
Acq: 28 Sep 2021 15:51

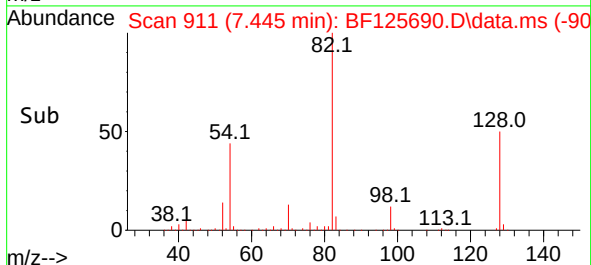
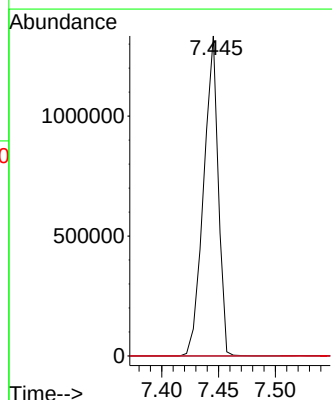
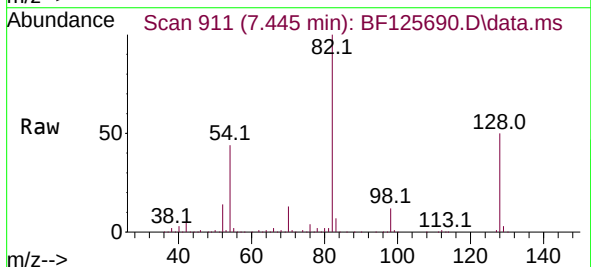
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)

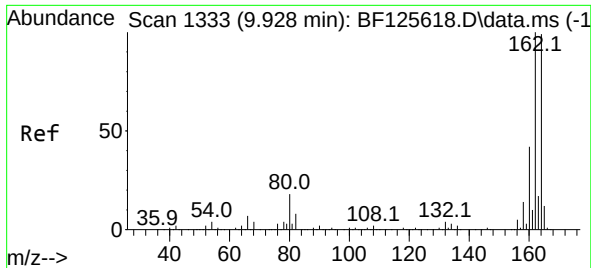
Tgt Ion: 82 Resp: 1195360
Ion Ratio Lower Upper
82 100
128 49.5 40.6 60.8
54 43.5 49.6 74.4#



#25
Isophorone
Concen: 42.736 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125690.D
Acq: 28 Sep 2021 15:51

Tgt Ion: 82 Resp: 1193368
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

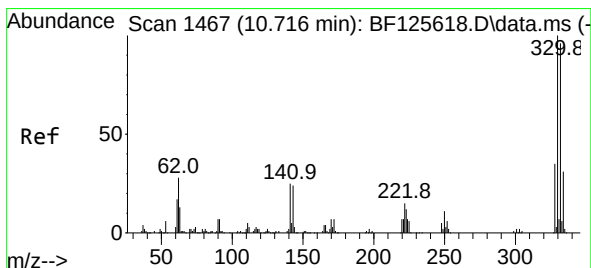
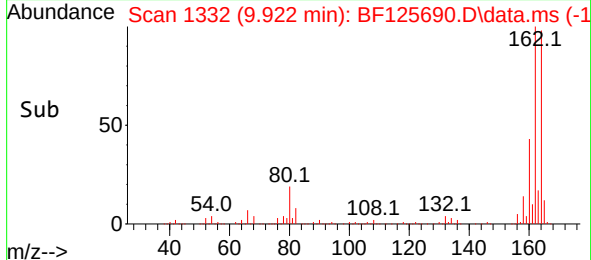
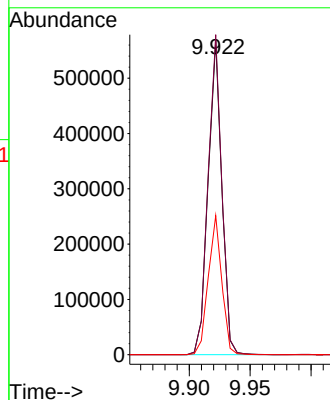
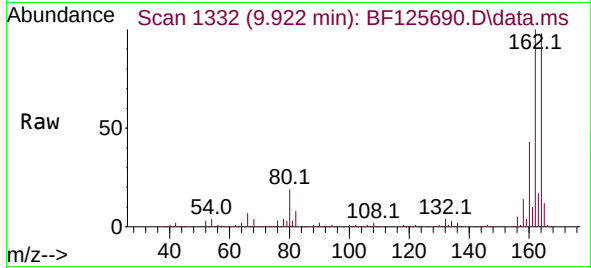




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125690.D
Acq: 28 Sep 2021 15:51

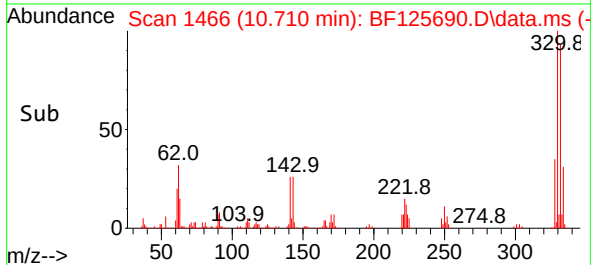
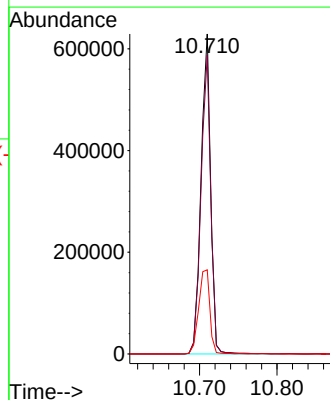
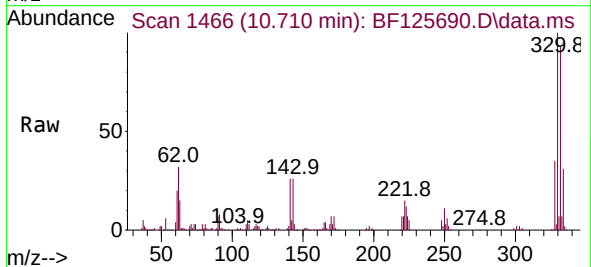
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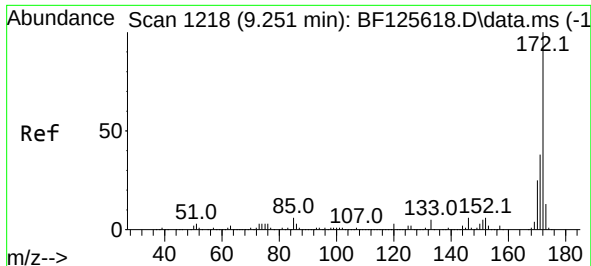
Tgt Ion:164 Resp: 442903
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 44.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 131.549 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125690.D
Acq: 28 Sep 2021 15:51

Tgt Ion:330 Resp: 543232
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 30.5 44.6 66.8#

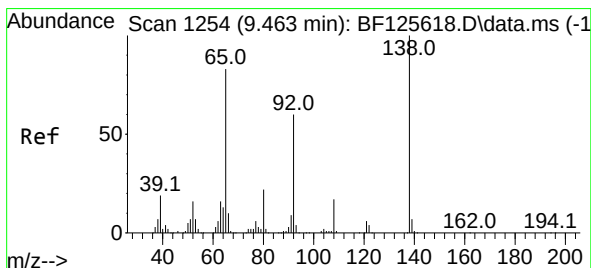
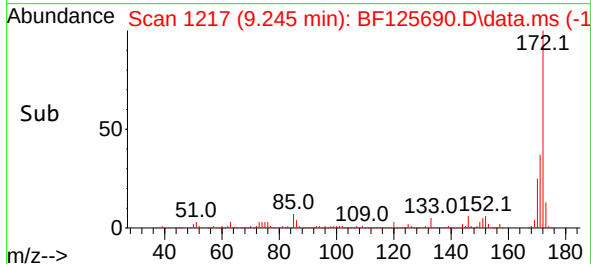
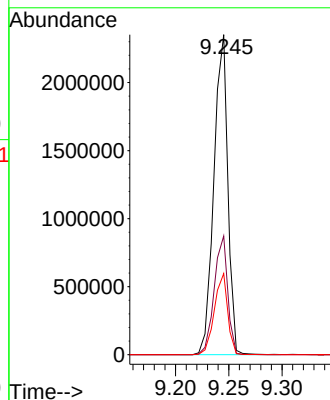
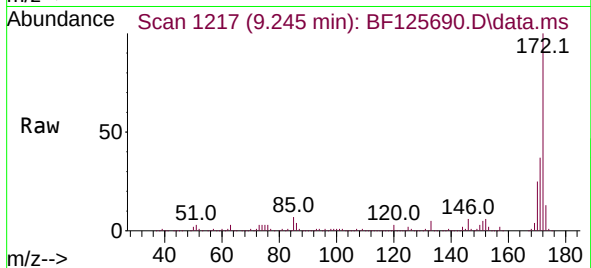




#45
2-Fluorobiphenyl
Concen: 87.496 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125690.D
Acq: 28 Sep 2021 15:51

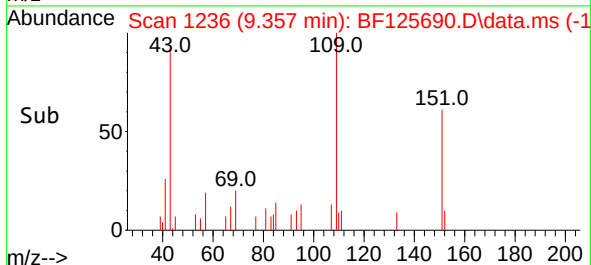
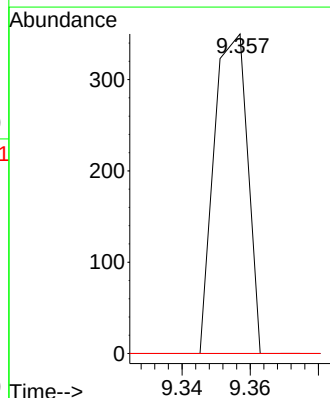
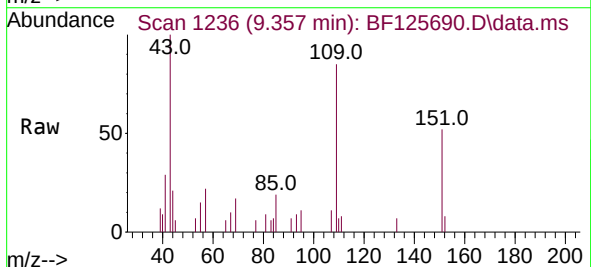
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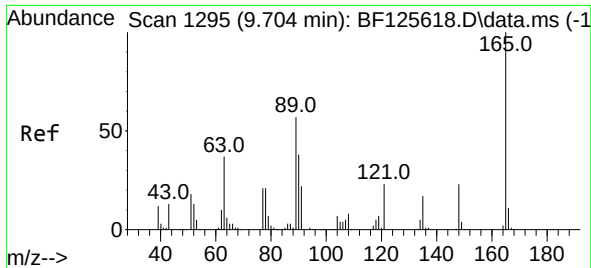
Tgt Ion:172 Resp: 2147024
Ion Ratio Lower Upper
172 100
171 37.1 26.5 39.7
170 25.4 18.8 28.2



#48
2-Nitroaniline
Concen: 4.191 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.106 min
Lab File: BF125690.D
Acq: 28 Sep 2021 15:51

Tgt Ion: 65 Resp: 238
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#

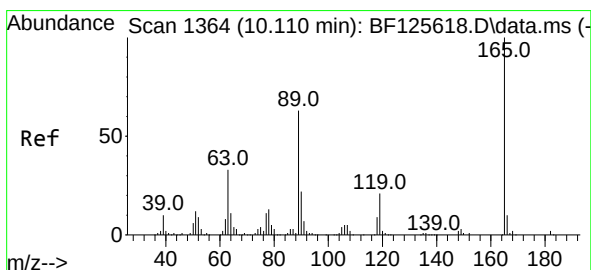
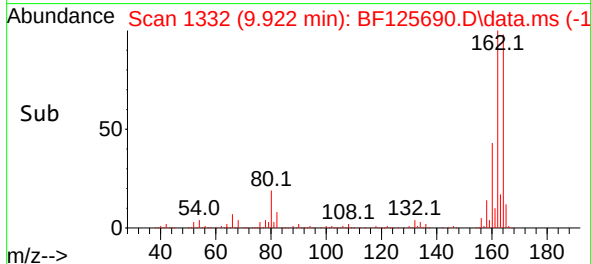
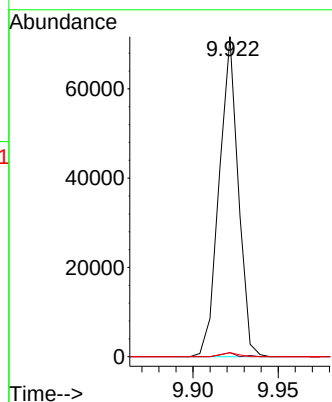
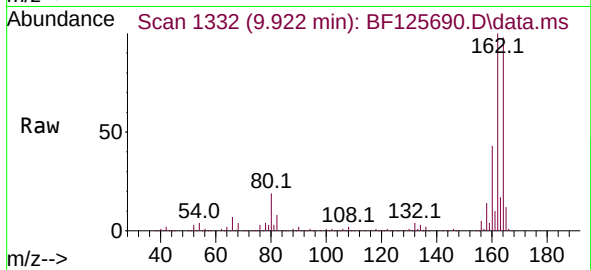




#51
2,6-Dinitrotoluene
Concen: 12.521 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125690.D
Acq: 28 Sep 2021 15:51

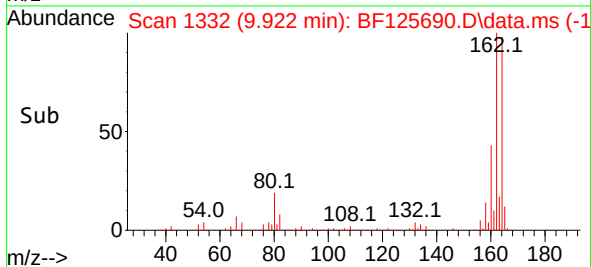
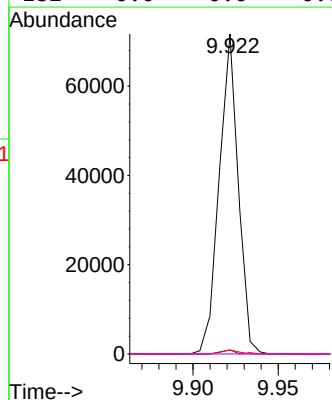
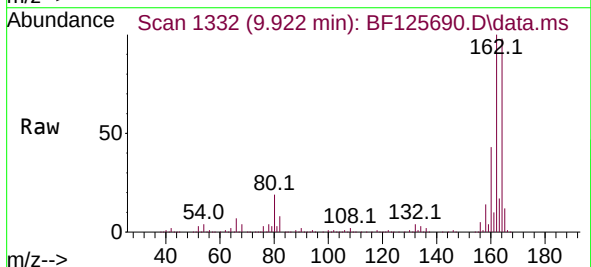
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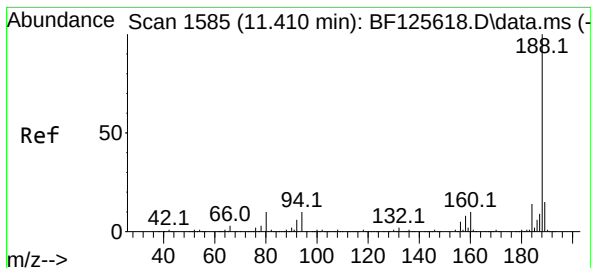
Tgt Ion:165 Resp: 55878
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.436 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125690.D
Acq: 28 Sep 2021 15:51

Tgt Ion:165 Resp: 55878
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

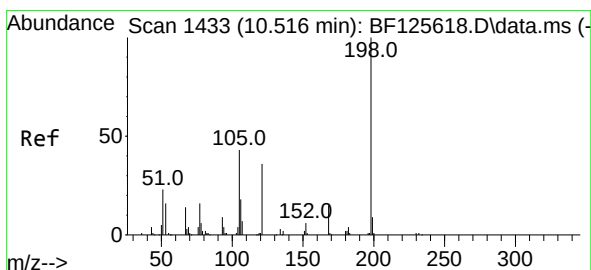
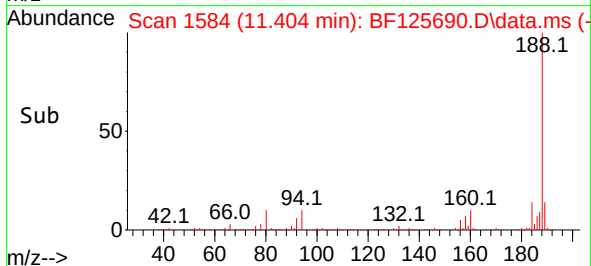
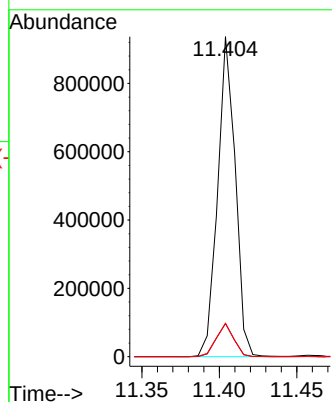
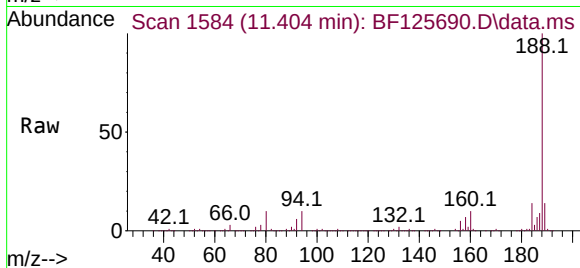




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125690.D
Acq: 28 Sep 2021 15:51

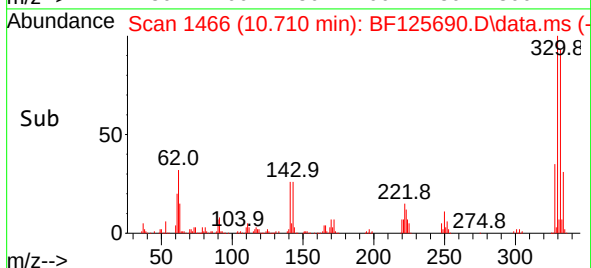
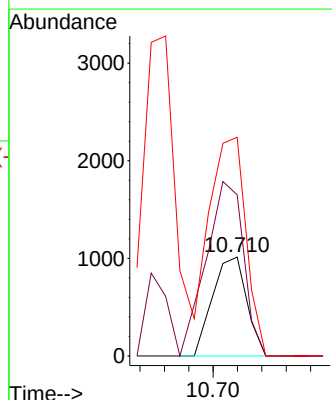
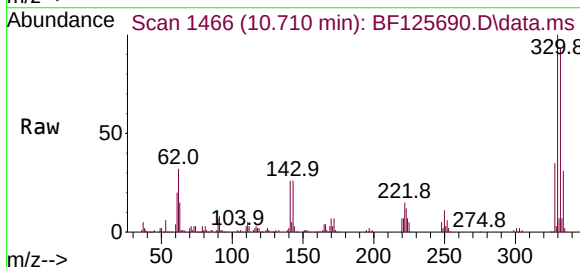
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)

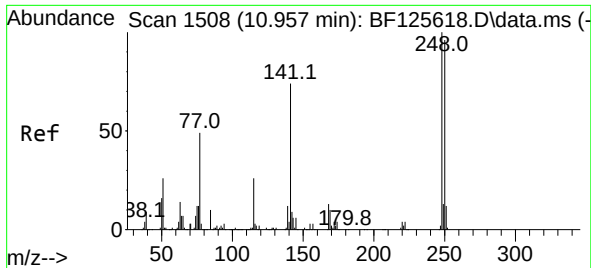
Tgt Ion:188 Resp: 741152
Ion Ratio Lower Upper
188 100
94 10.4 6.7 10.1#
80 10.4 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.235 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125690.D
Acq: 28 Sep 2021 15:51

Tgt Ion:198 Resp: 985
Ion Ratio Lower Upper
198 100
51 163.0 45.3 85.3#
105 221.3 30.6 70.6#

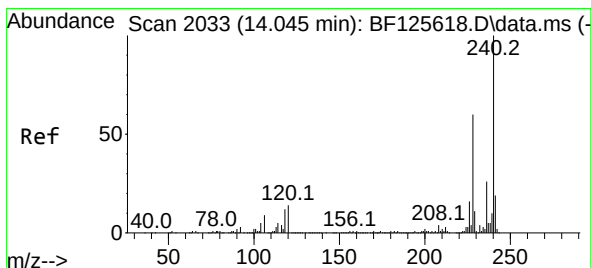
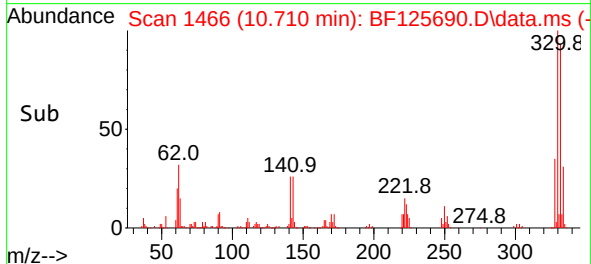
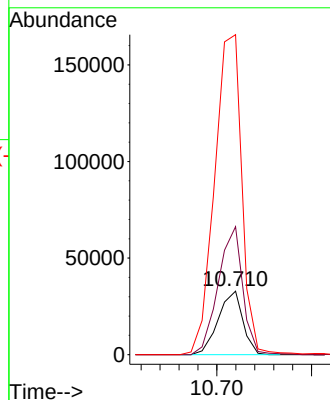
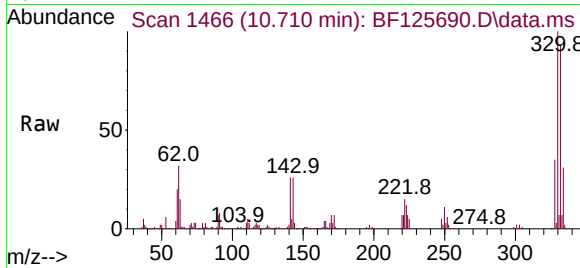




#67
4-Bromophenyl-phenylether
Concen: 3.814 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125690.D
Acq: 28 Sep 2021 15:51

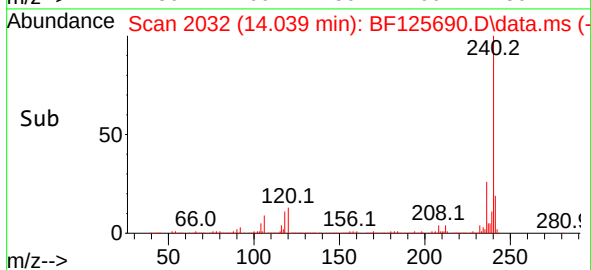
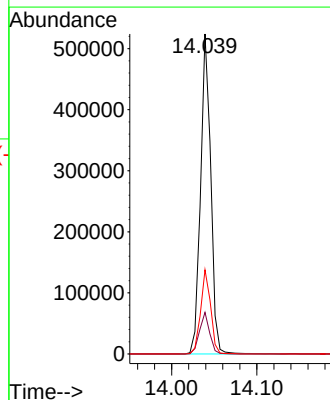
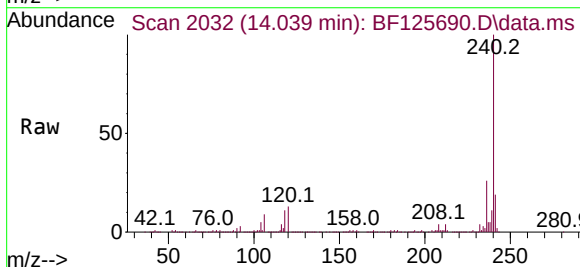
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)

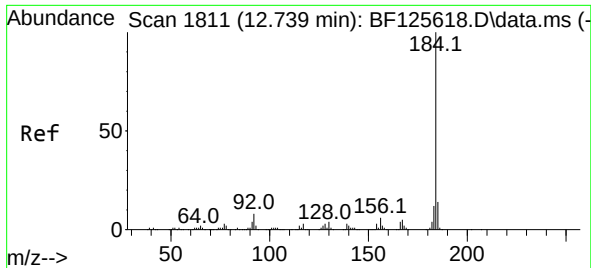
Tgt Ion:248 Resp: 29665
Ion Ratio Lower Upper
248 100
250 201.4 74.2 111.4#
141 503.5 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125690.D
Acq: 28 Sep 2021 15:51

Tgt Ion:240 Resp: 435131
Ion Ratio Lower Upper
240 100
120 13.0 10.8 16.2
236 26.3 21.6 32.4

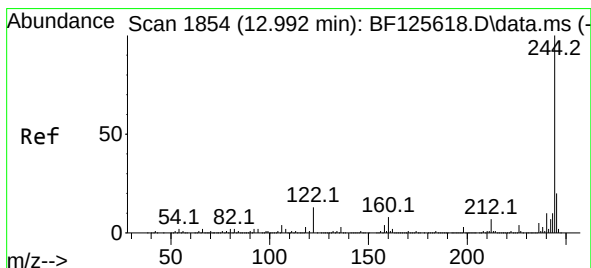
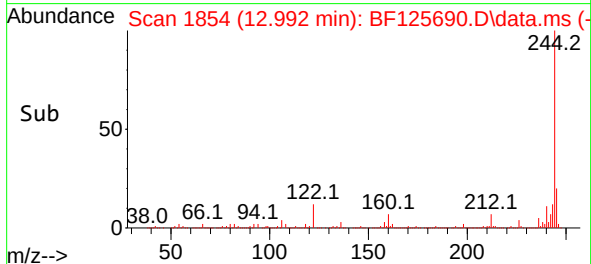
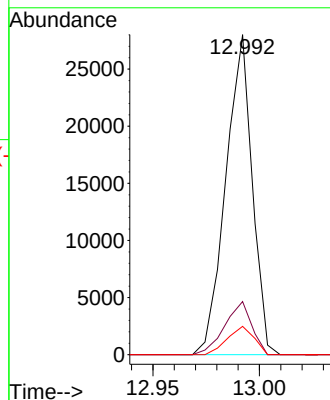
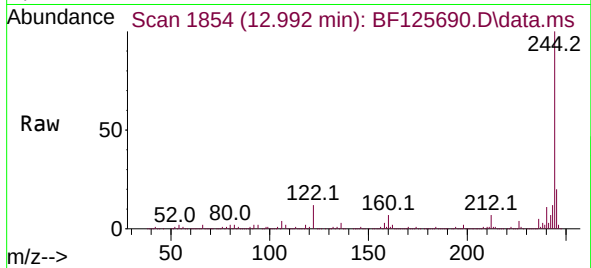




#77
Benzidine
Concen: 2.119 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF125690.D
Acq: 28 Sep 2021 15:51

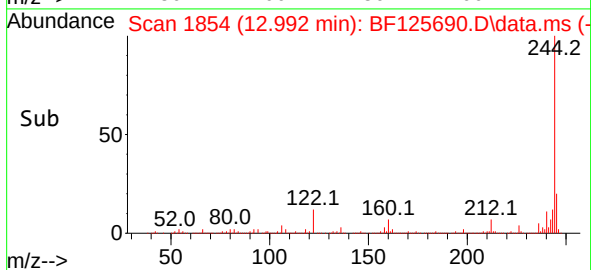
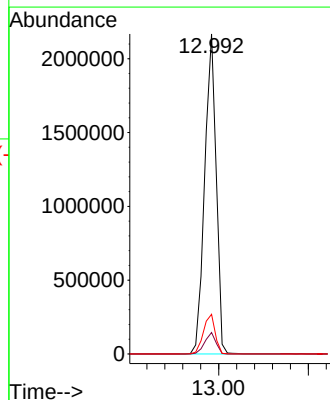
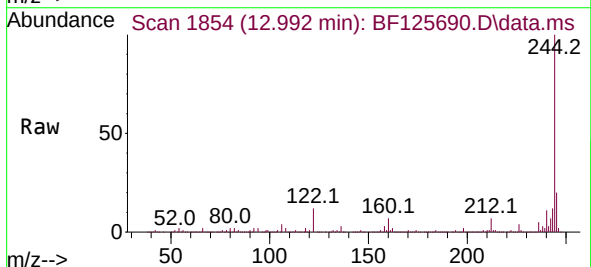
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)

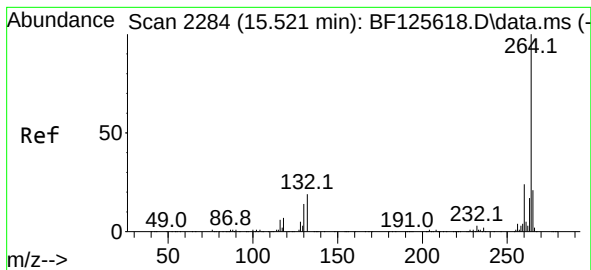
Tgt Ion:184 Resp: 24217
Ion Ratio Lower Upper
184 100
185 16.6 10.8 16.2#
183 8.8 8.1 12.1



#79
Terphenyl-d14
Concen: 76.824 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125690.D
Acq: 28 Sep 2021 15:51

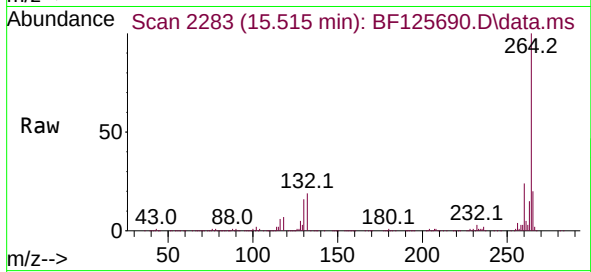
Tgt Ion:244 Resp: 1930324
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 12.4 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF125690.D
 Acq: 28 Sep 2021 15:51

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-09(20.21)



Tgt Ion:264 Resp: 418334

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	20.4	17.2	25.8

