

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092721\
 Data File : BF125673.D
 Acq On : 27 Sep 2021 15:45
 Operator : JU/CG
 Sample : M3938-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-07(8-10)

Quant Time: Sep 27 16:33:52 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)

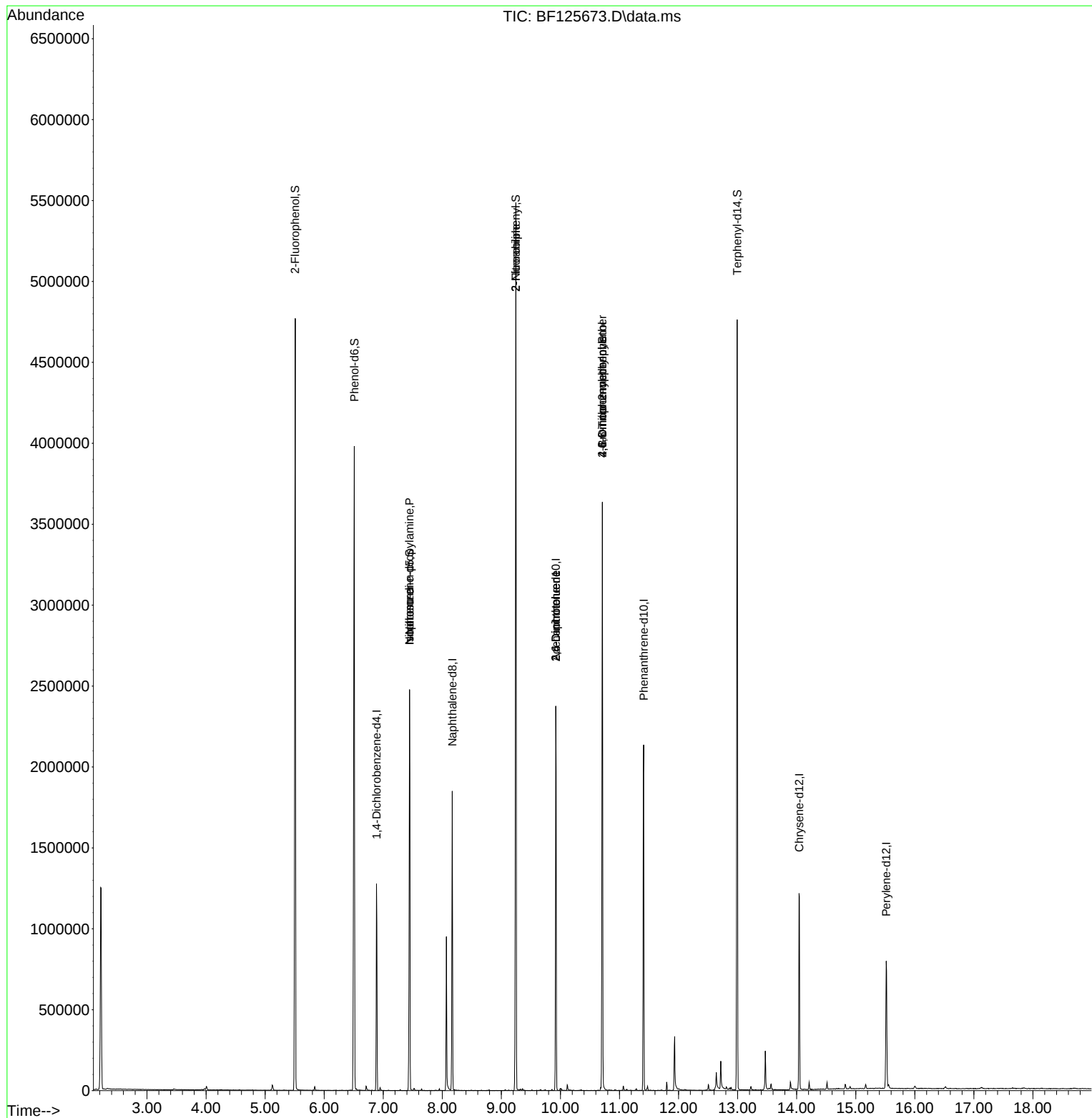
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	196731	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	806763	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	489150	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	797696	20.000	ng	0.00
76) Chrysene-d12	14.045	240	429258	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	365105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1468865	123.013	ng	0.00
7) Phenol-d6	6.510	99	1637616	102.011	ng	0.00
23) Nitrobenzene-d5	7.445	82	885144	76.527	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	473491	103.820	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1740170	59.986	ng	0.00
79) Terphenyl-d14	12.992	244	1618007	65.275	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	2427	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	109804	12.013	ng	# 51
25) Isophorone	7.445	82	882274	34.060	ng	# 59
48) 2-Nitroaniline	9.245	65	2148	4.436	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	60802	12.397	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	60802	11.338	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	952	9.212	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	25468	3.042	ng	# 1

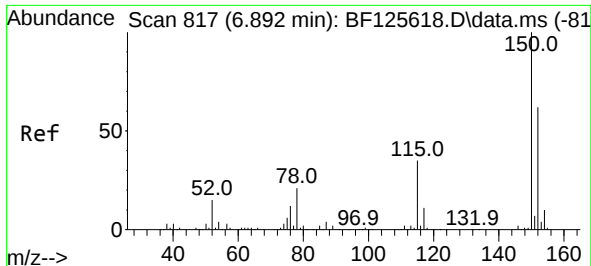
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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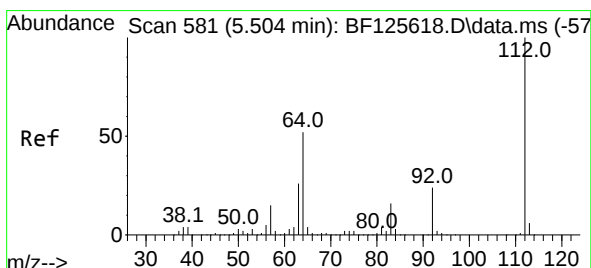
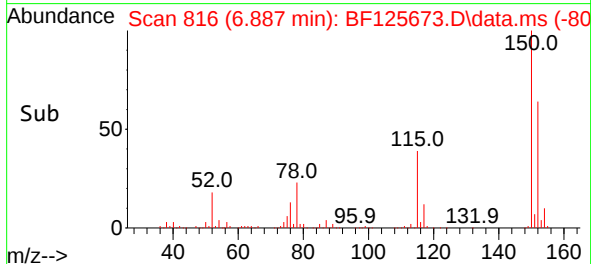
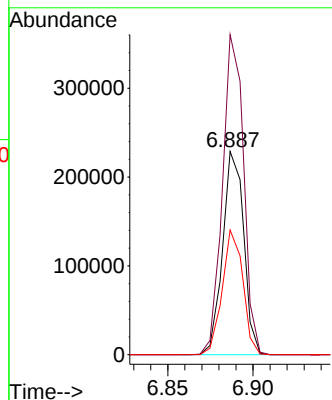
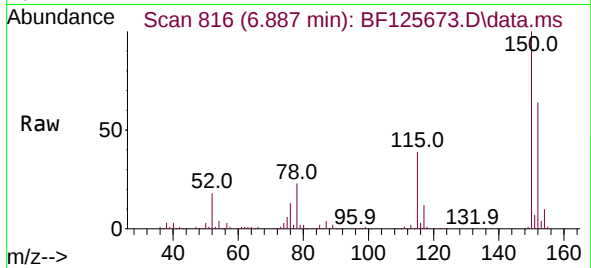




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125673.D
Acq: 27 Sep 2021 15:45

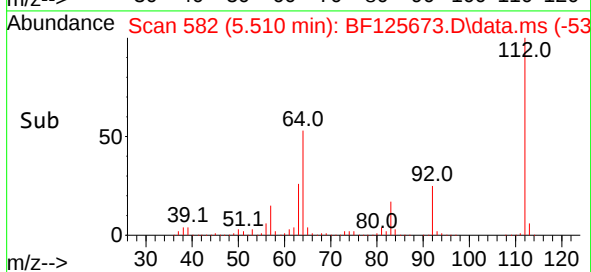
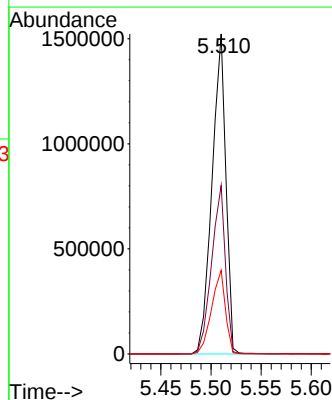
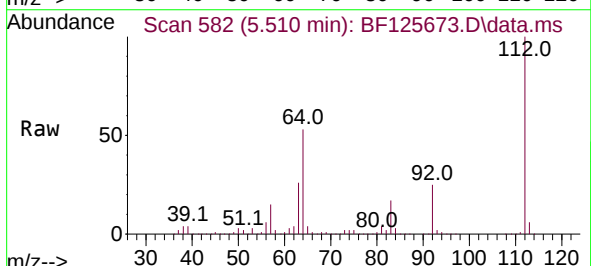
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-07(8-10)

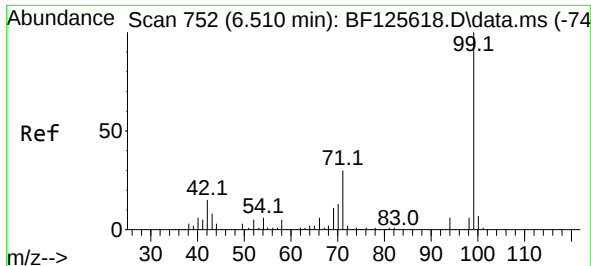
Tgt Ion:152 Resp: 196731
Ion Ratio Lower Upper
152 100
150 157.5 117.6 176.4
115 61.3 47.1 70.7



#5
2-Fluorophenol
Concen: 123.013 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125673.D
Acq: 27 Sep 2021 15:45

Tgt Ion:112 Resp: 1468865
Ion Ratio Lower Upper
112 100
64 52.6 44.2 66.2
63 26.2 26.2 39.2

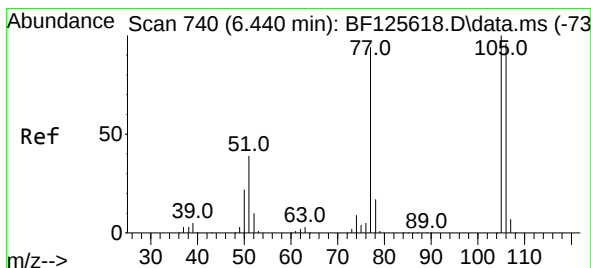
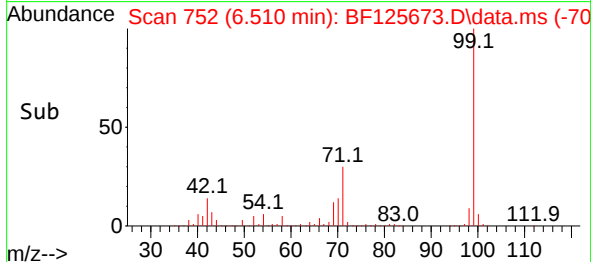
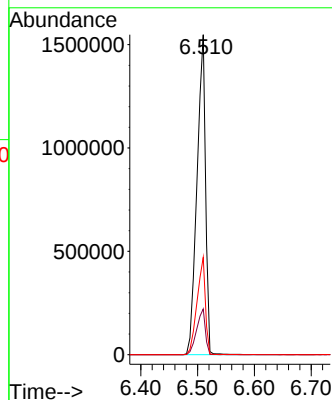
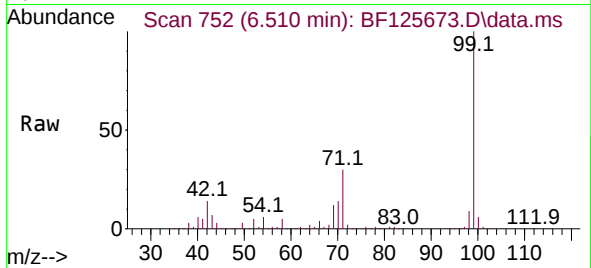




#7
Phenol-d6
Concen: 102.011 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125673.D
Acq: 27 Sep 2021 15:45

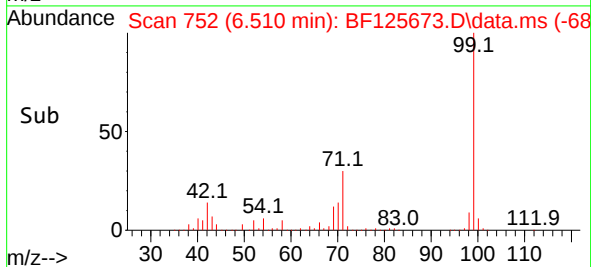
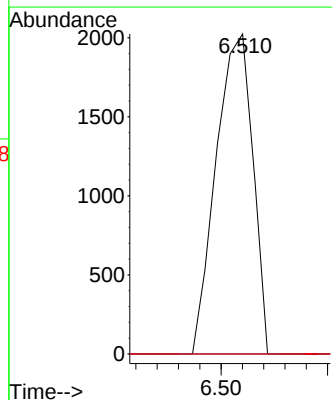
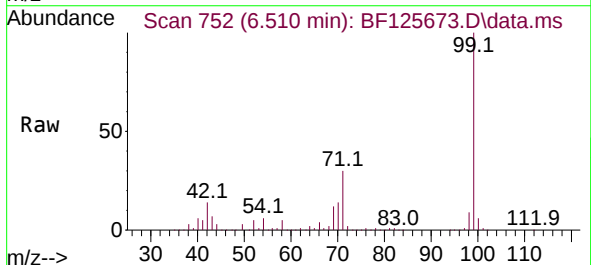
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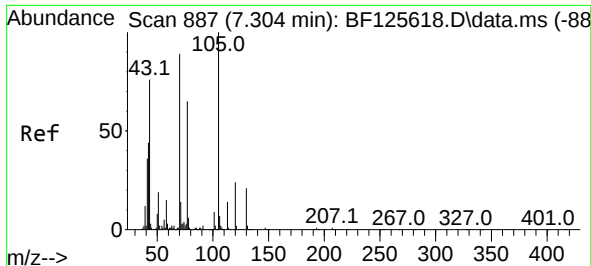
Tgt Ion: 99 Resp: 1637616
Ion Ratio Lower Upper
99 100
42 14.3 23.5 35.3#
71 30.4 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125673.D
Acq: 27 Sep 2021 15:45

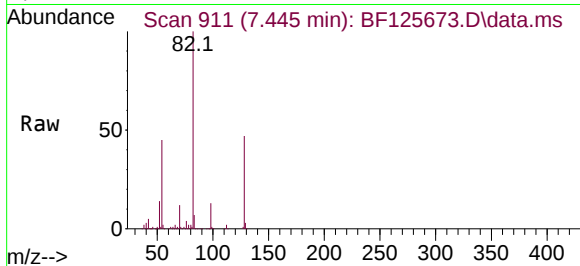
Tgt Ion: 77 Resp: 2427
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



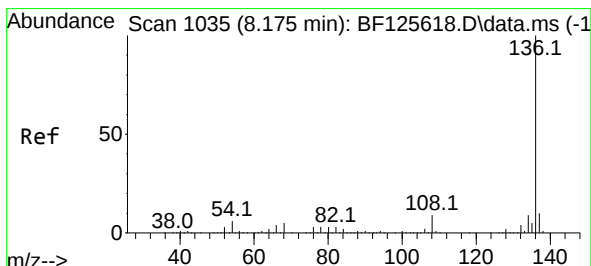
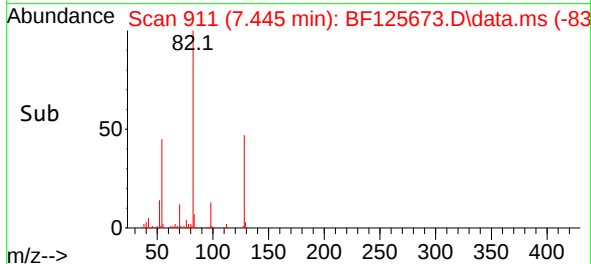
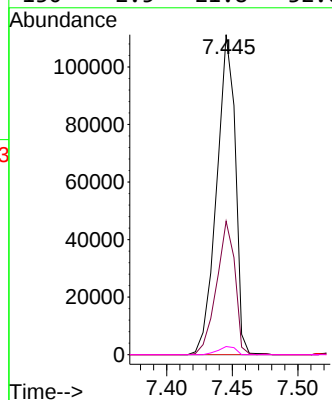


#19
n-Nitroso-di-n-propylamine
Concen: 12.013 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125673.D
Acq: 27 Sep 2021 15:45

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-07(8-10)

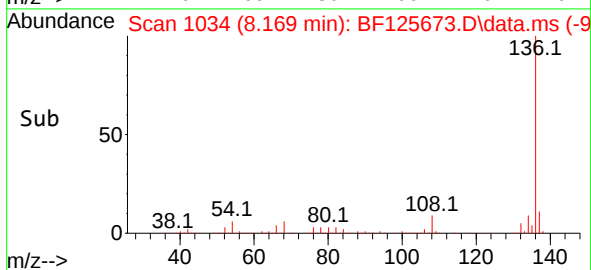
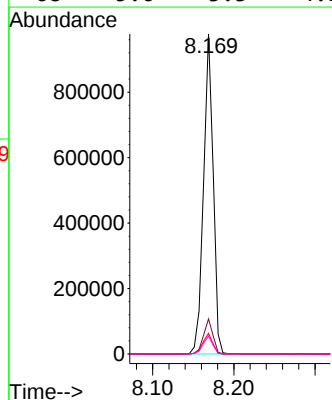
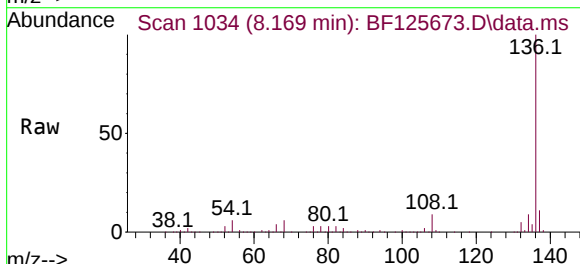


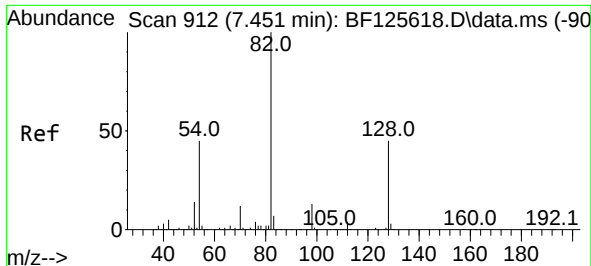
Tgt Ion: 70 Resp: 109804
Ion Ratio Lower Upper
70 100
42 41.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125673.D
Acq: 27 Sep 2021 15:45

Tgt Ion: 136 Resp: 806763
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 6.4 6.4 9.6
68 5.6 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 76.527 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125673.D

Acq: 27 Sep 2021 15:45

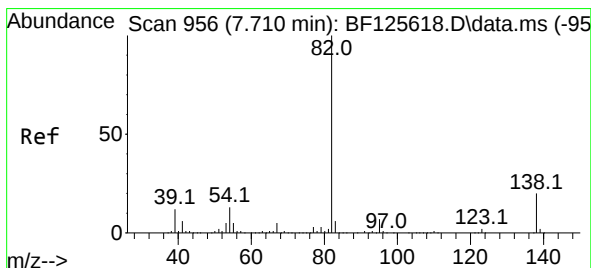
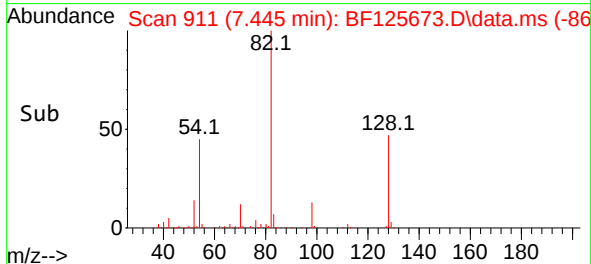
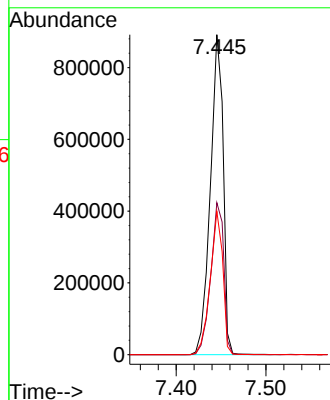
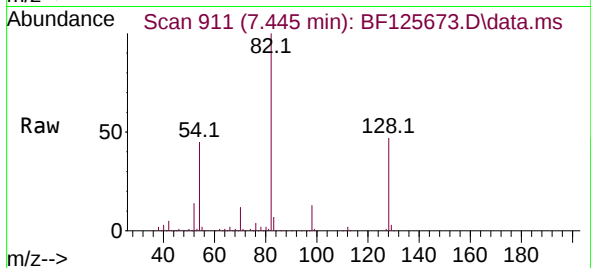
Instrument :

BNA_F

ClientSampleId :

SUB-SLAB-07(8-10)

Tgt Ion:	82	Resp:	885144
Ion	Ratio	Lower	Upper
82	100		
128	47.5	40.6	60.8
54	44.8	49.6	74.4#



#25

Isophorone

Concen: 34.060 ng

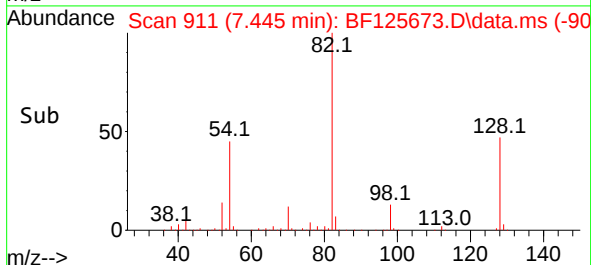
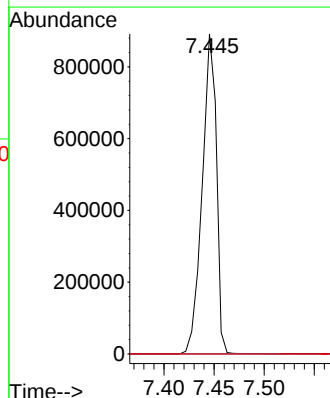
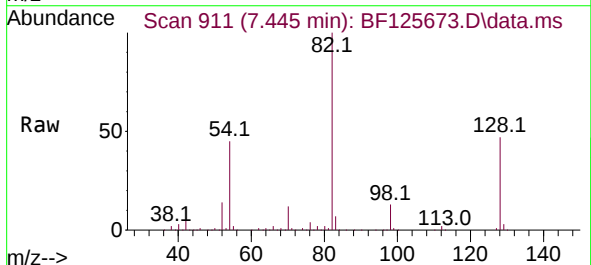
RT: 7.445 min Scan# 911

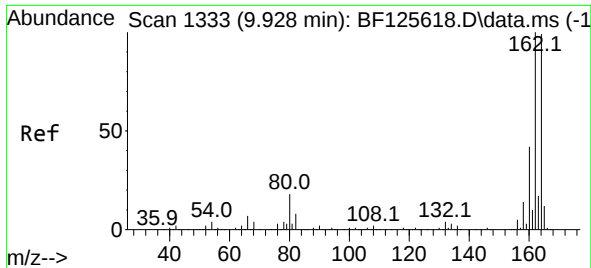
Delta R.T. -0.265 min

Lab File: BF125673.D

Acq: 27 Sep 2021 15:45

Tgt Ion:	82	Resp:	882274
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

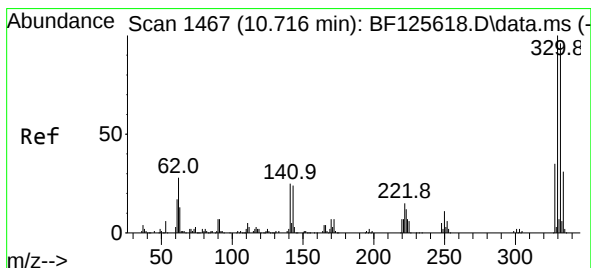
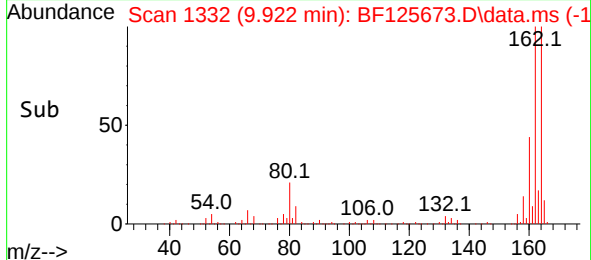
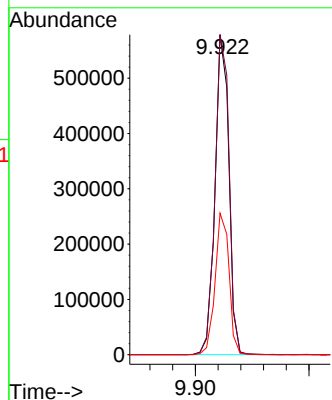
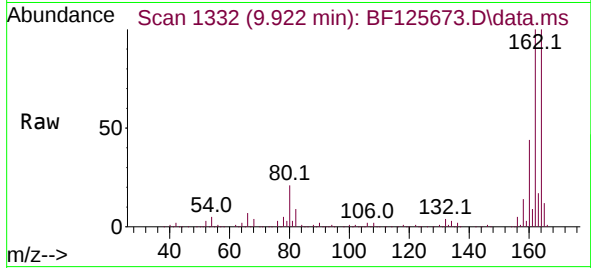




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125673.D
Acq: 27 Sep 2021 15:45

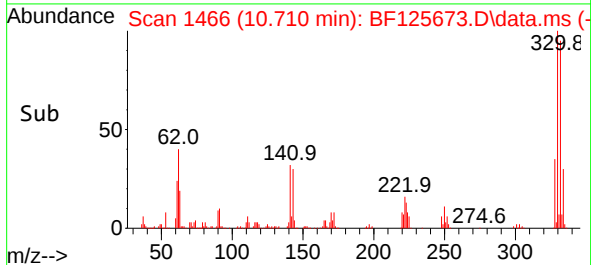
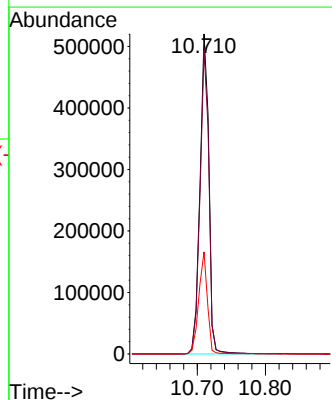
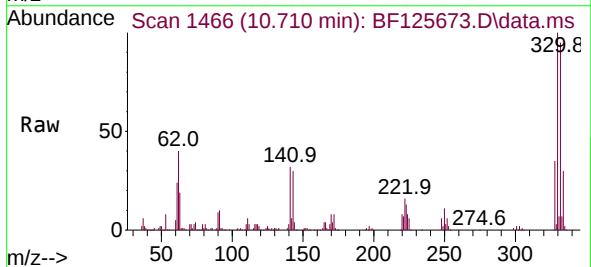
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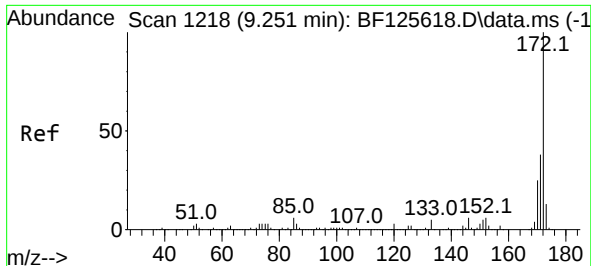
Tgt Ion:164 Resp: 489150
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 44.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 103.820 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125673.D
Acq: 27 Sep 2021 15:45

Tgt Ion:330 Resp: 473491
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 31.0 44.6 66.8#

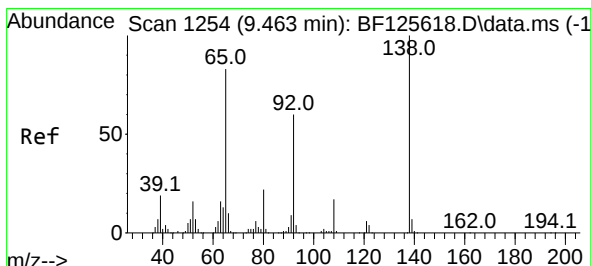
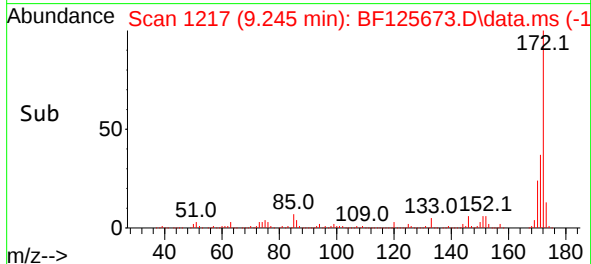
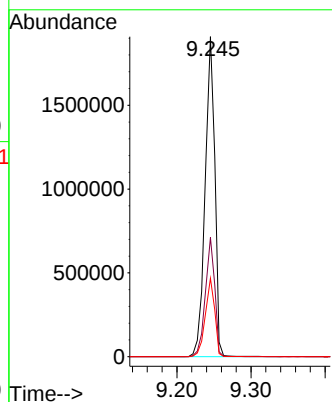
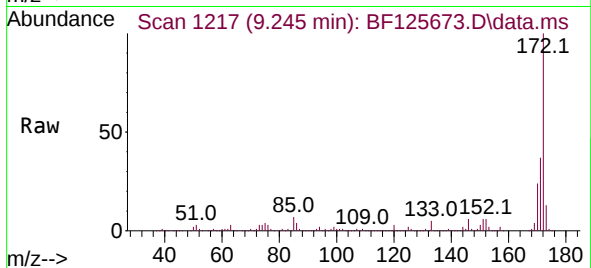




#45
2-Fluorobiphenyl
Concen: 59.986 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125673.D
Acq: 27 Sep 2021 15:45

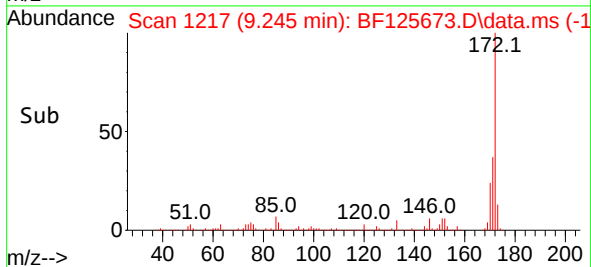
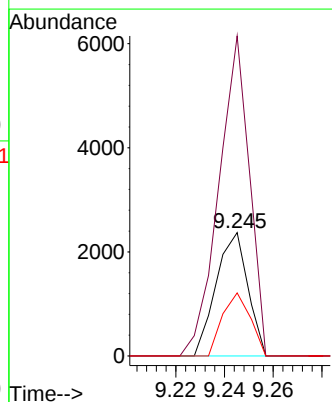
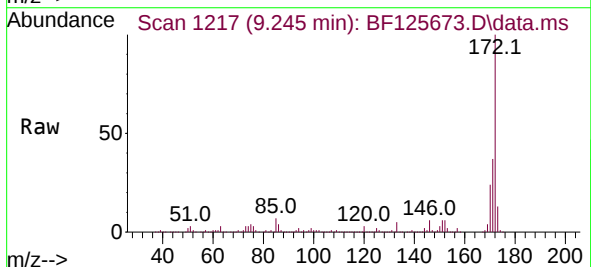
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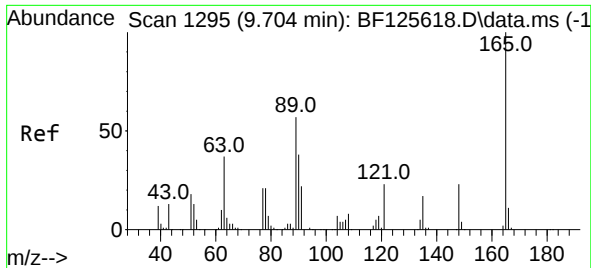
Tgt Ion:172 Resp: 1740170
Ion Ratio Lower Upper
172 100
171 37.2 26.5 39.7
170 24.5 18.8 28.2



#48
2-Nitroaniline
Concen: 4.436 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125673.D
Acq: 27 Sep 2021 15:45

Tgt Ion: 65 Resp: 2148
Ion Ratio Lower Upper
65 100
92 259.3 55.5 83.3#
138 51.2 93.5 140.3#

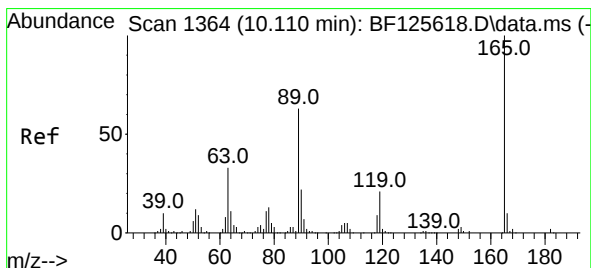
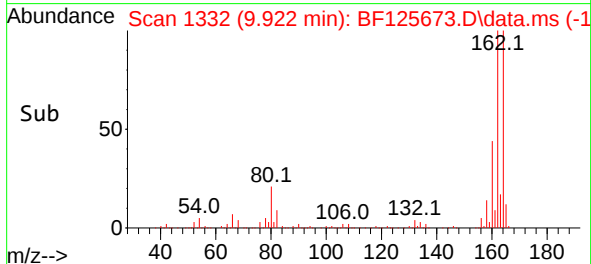
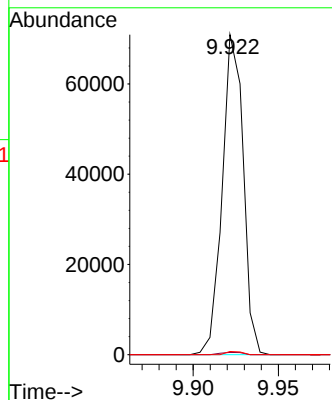
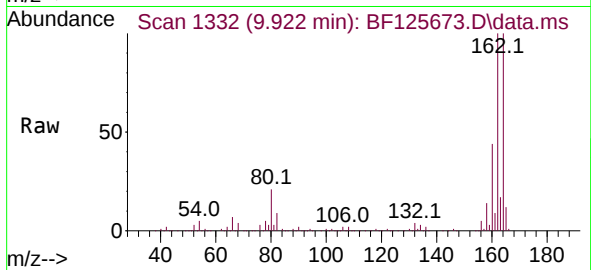




#51
2,6-Dinitrotoluene
Concen: 12.397 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125673.D
Acq: 27 Sep 2021 15:45

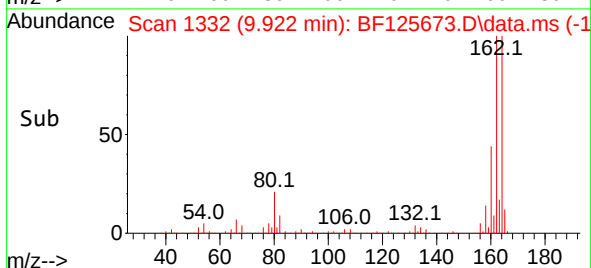
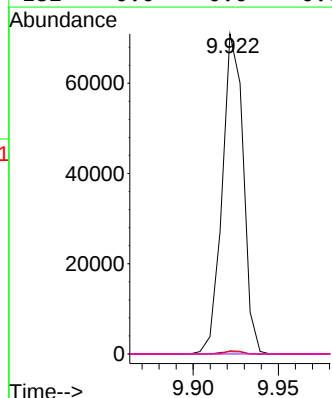
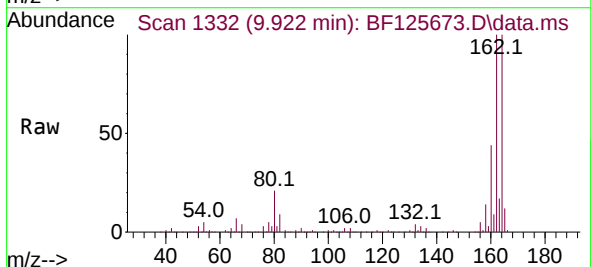
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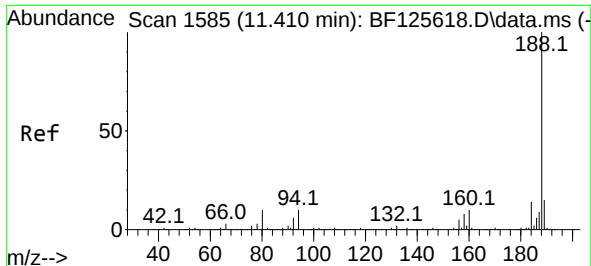
Tgt Ion:165 Resp: 60802
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.338 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125673.D
Acq: 27 Sep 2021 15:45

Tgt Ion:165 Resp: 60802
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

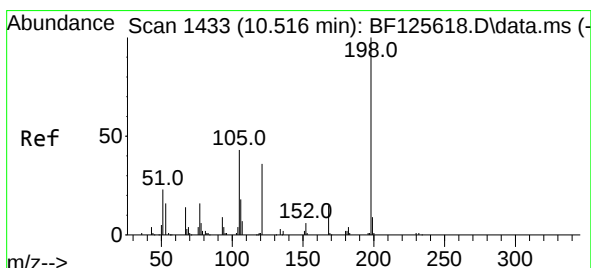
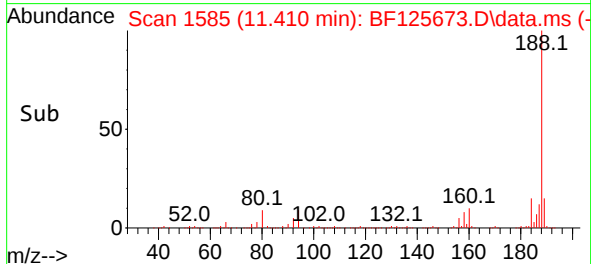
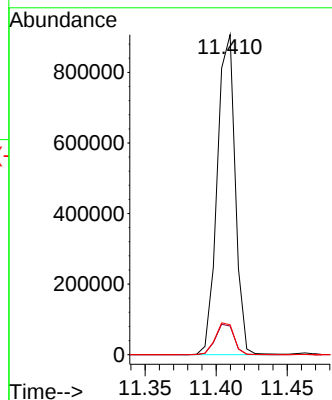
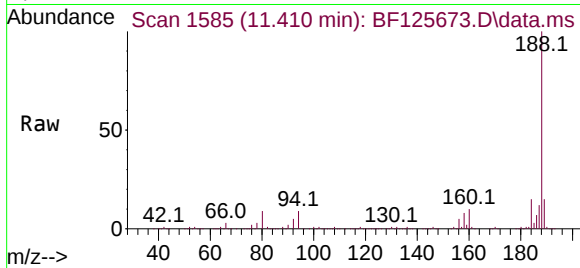




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125673.D
Acq: 27 Sep 2021 15:45

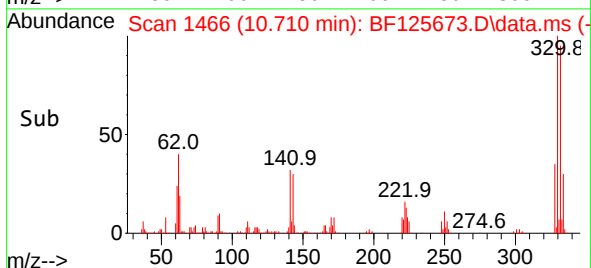
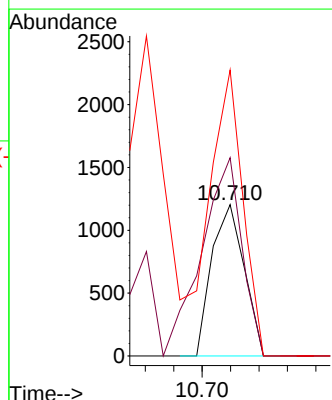
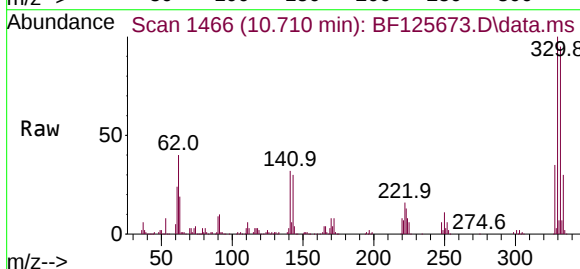
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-07(8-10)

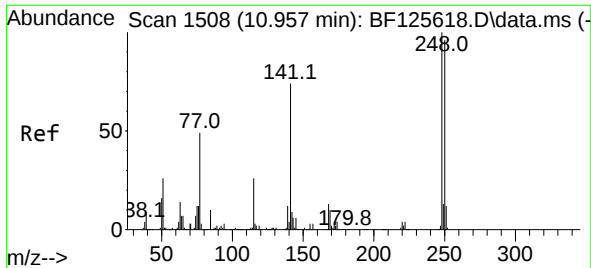
Tgt Ion:188 Resp: 797696
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.4 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.212 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125673.D
Acq: 27 Sep 2021 15:45

Tgt Ion:198 Resp: 952
Ion Ratio Lower Upper
198 100
51 131.0 45.3 85.3#
105 188.8 30.6 70.6#

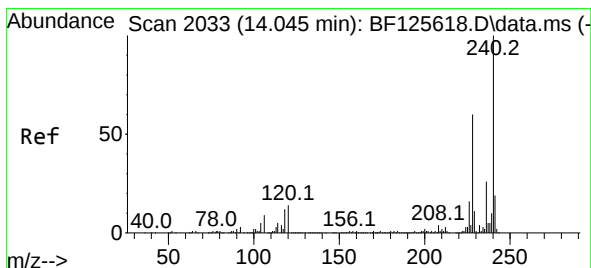
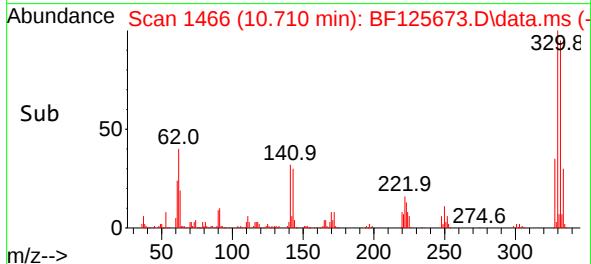
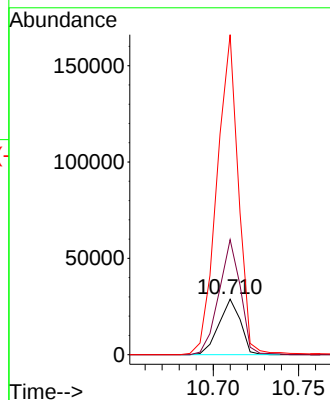
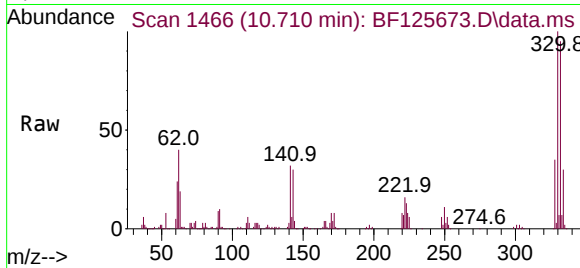




#67
4-Bromophenyl-phenylether
Concen: 3.042 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125673.D
Acq: 27 Sep 2021 15:45

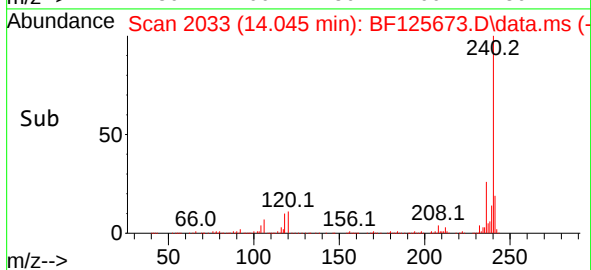
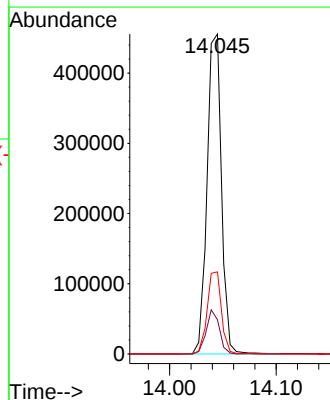
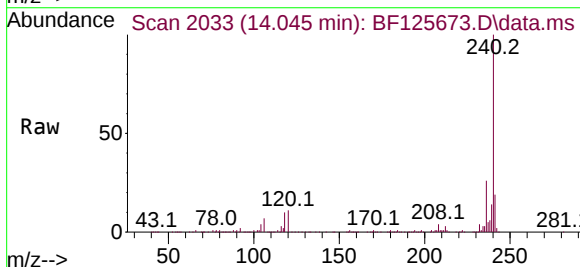
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-07(8-10)

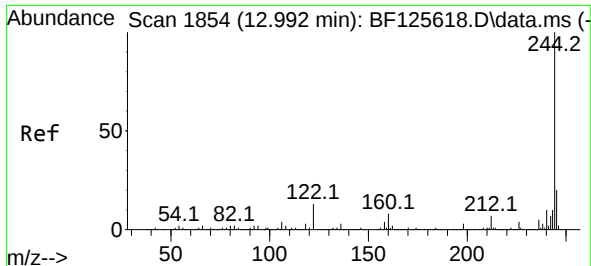
Tgt Ion:248 Resp: 25468
Ion Ratio Lower Upper
248 100
250 207.2 74.2 111.4#
141 576.2 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125673.D
Acq: 27 Sep 2021 15:45

Tgt Ion:240 Resp: 429258
Ion Ratio Lower Upper
240 100
120 10.7 10.8 16.2#
236 25.7 21.6 32.4

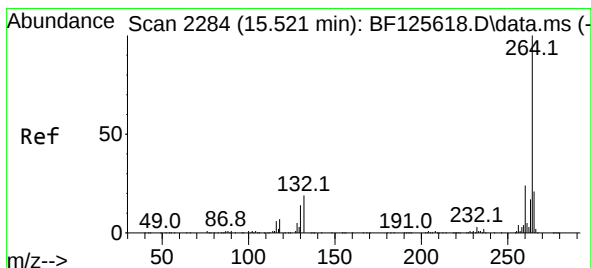
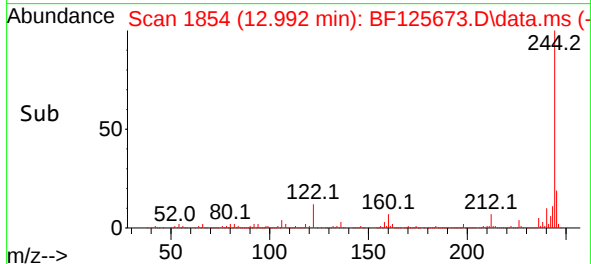
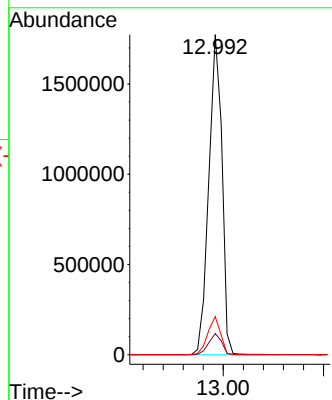
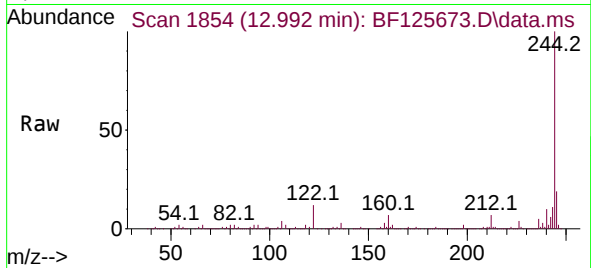




#79
Terphenyl-d14
Concen: 65.275 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125673.D
Acq: 27 Sep 2021 15:45

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-07(8-10)

Tgt Ion:244 Resp: 1618007
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 11.9 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: BF125673.D
Acq: 27 Sep 2021 15:45

Tgt Ion:264 Resp: 365105
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.6 17.2 25.8

