

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
 Data File : BF125629.D
 Acq On : 24 Sep 2021 19:45
 Operator : JU/CG
 Sample : M3911-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 03:00:50 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)

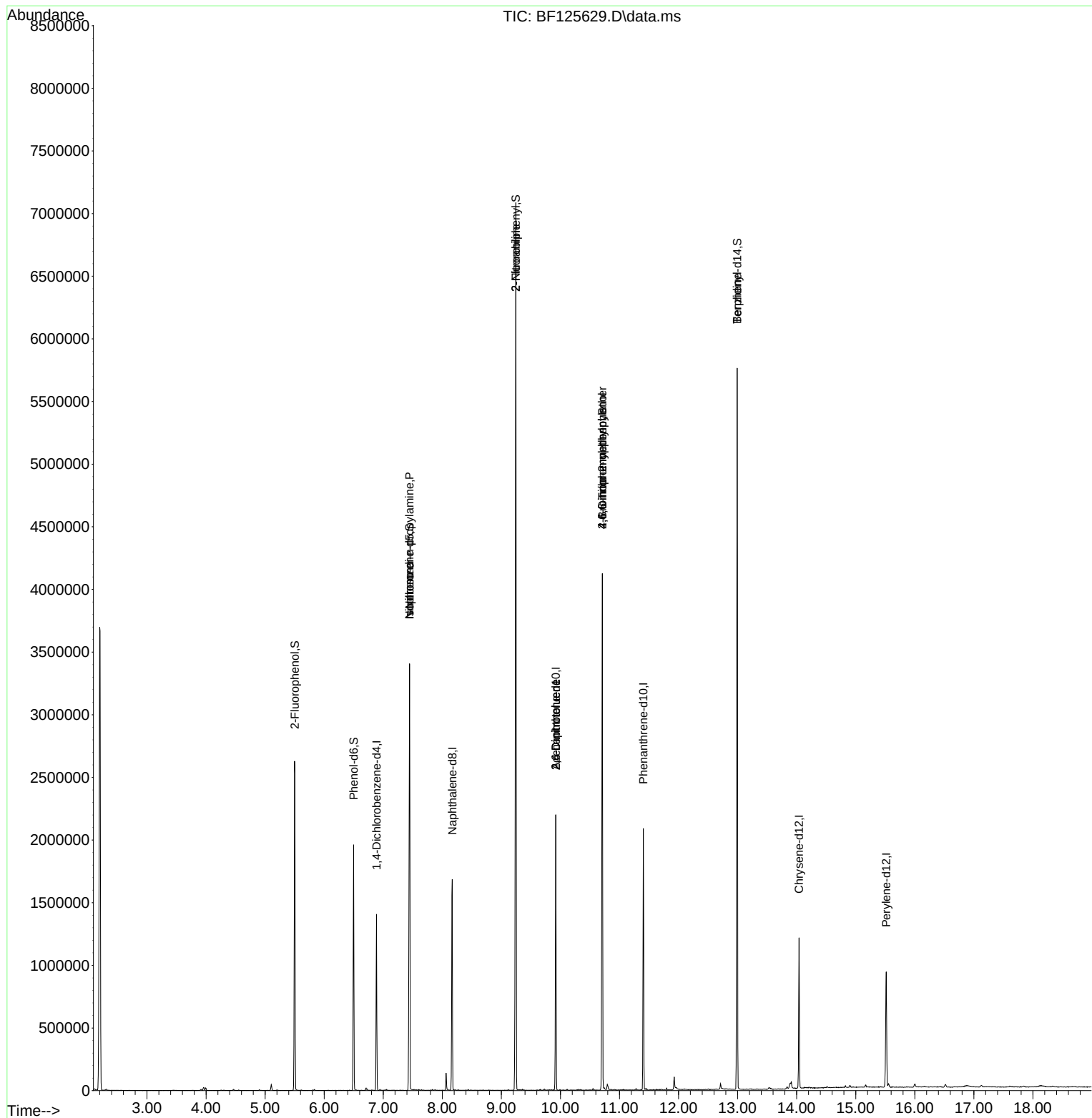
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	198942	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	818437	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	428455	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	721253	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	366390	20.000	ng	0.00
86) Perylene-d12	15.515	264	400329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	830144	68.749	ng	0.00
7) Phenol-d6	6.498	99	635828	39.167	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1259679	107.355	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	541708	135.604	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2354702	101.318	ng	0.00
79) Terphenyl-d14	12.992	244	2031043	95.998	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.498	77	1033	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	158071	17.102	ng	# 51
25) Isophorone	7.445	82	1256044	47.798	ng	# 59
48) 2-Nitroaniline	9.245	65	3417	4.663	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	53685	12.464	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	53685	11.390	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1228	9.297	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	30257	3.997	ng	# 1
77) Benzidine	12.992	184	26686	2.773	ng	# 94

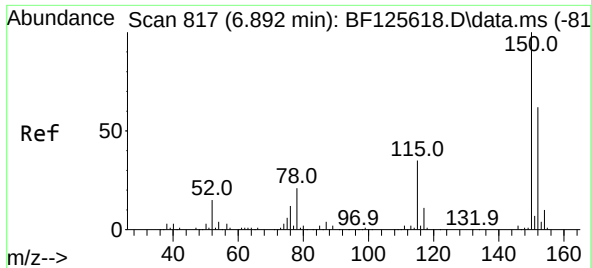
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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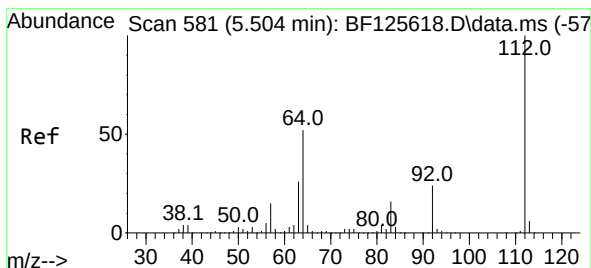
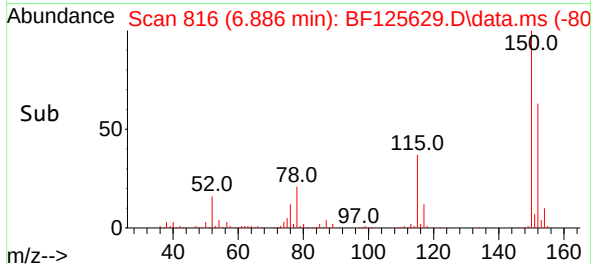
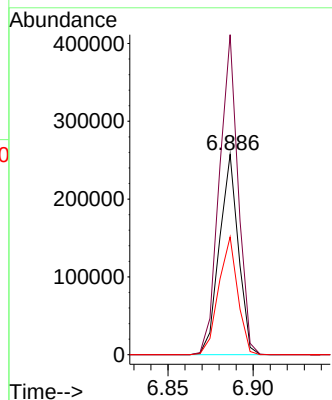
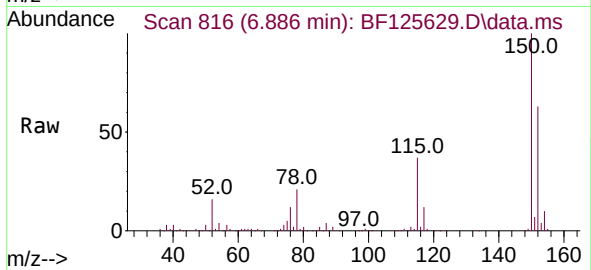




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125629.D
Acq: 24 Sep 2021 19:45

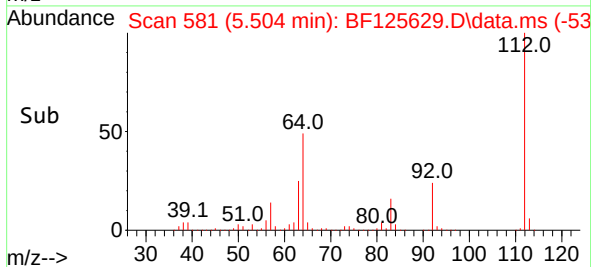
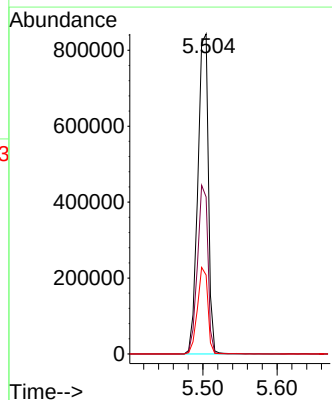
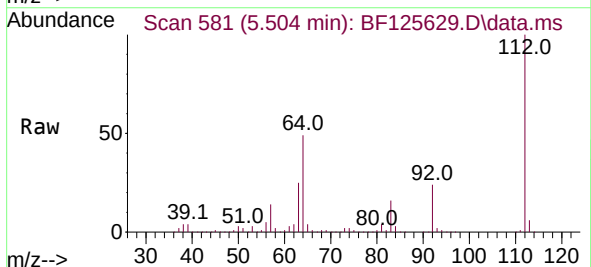
Instrument :
BNA_F
ClientSampleId :

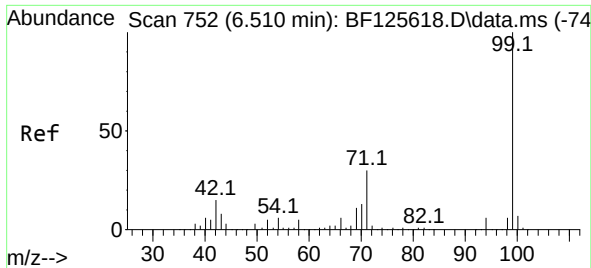
Tgt Ion:152 Resp: 198942
Ion Ratio Lower Upper
152 100
150 159.8 117.6 176.4
115 58.8 47.1 70.7



#5
2-Fluorophenol
Concen: 68.749 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125629.D
Acq: 24 Sep 2021 19:45

Tgt Ion:112 Resp: 830144
Ion Ratio Lower Upper
112 100
64 49.0 44.2 66.2
63 24.6 26.2 39.2#

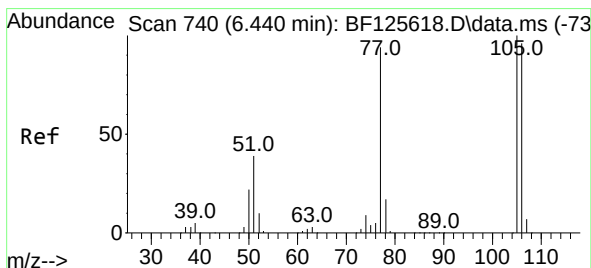
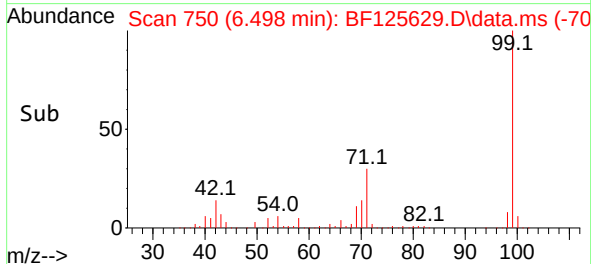
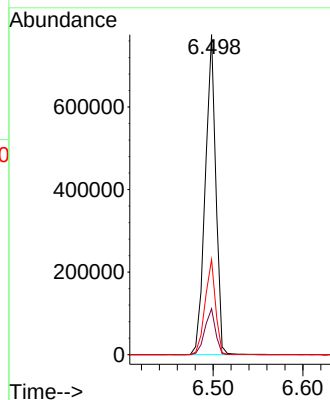
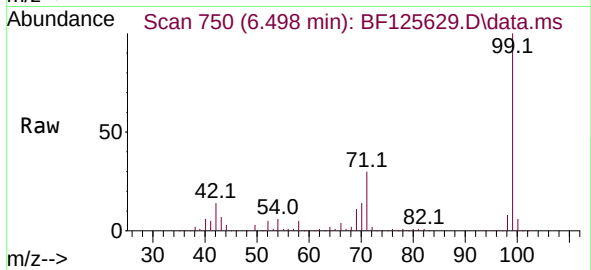




#7
Phenol-d6
Concen: 39.167 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125629.D
Acq: 24 Sep 2021 19:45

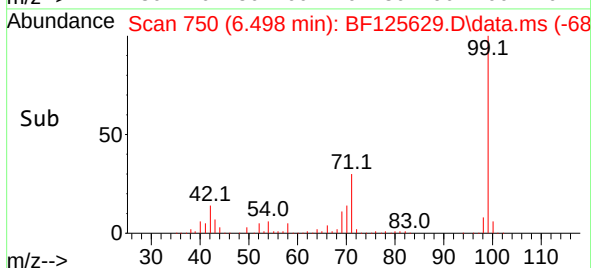
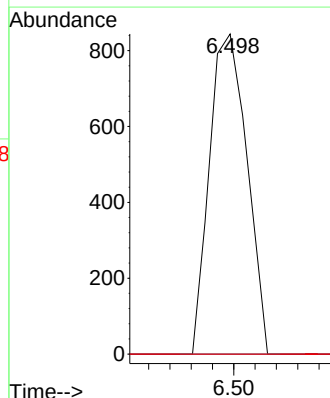
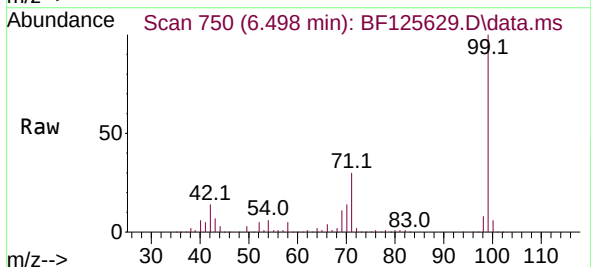
Instrument :
BNA_F
ClientSampleId :

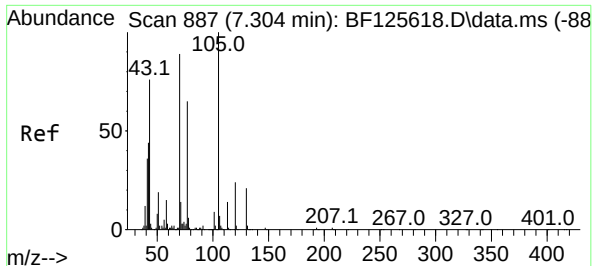
Tgt Ion: 99 Resp: 635828
Ion Ratio Lower Upper
99 100
42 14.3 23.5 35.3#
71 29.7 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.498 min Scan# 750
Delta R.T. 0.058 min
Lab File: BF125629.D
Acq: 24 Sep 2021 19:45

Tgt Ion: 77 Resp: 1033
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

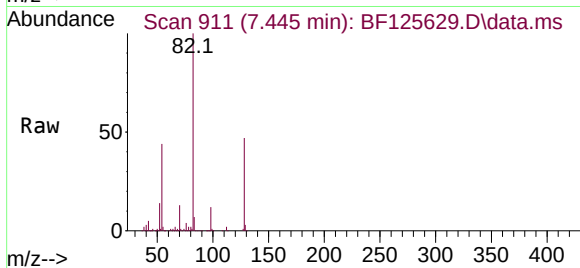




#19

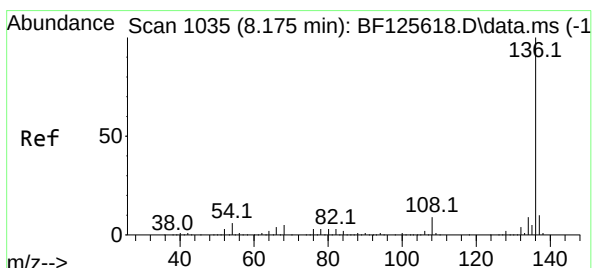
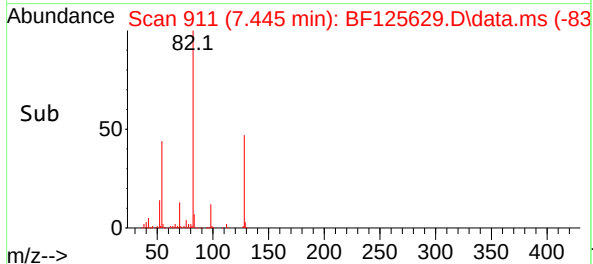
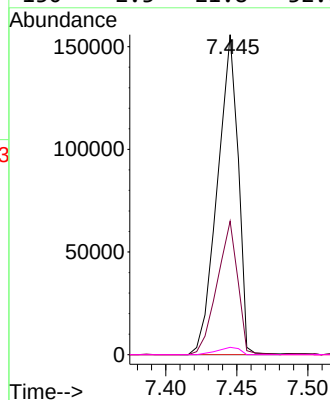
n-Nitroso-di-n-propylamine
 Concen: 17.102 ng
 RT: 7.445 min Scan# 911
 Delta R.T. 0.141 min
 Lab File: BF125629.D
 Acq: 24 Sep 2021 19:45

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion: 70 Resp: 158071

Ion	Ratio	Lower	Upper
70	100		
42	41.7	72.2	108.2#
101	0.0	7.8	11.8#
130	2.3	21.8	32.6#

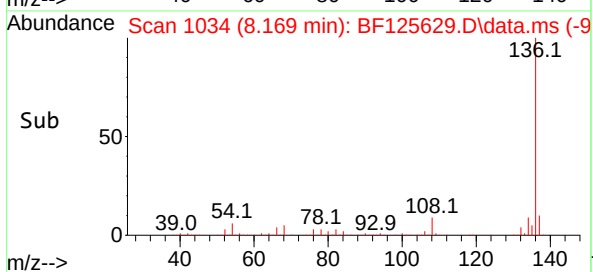
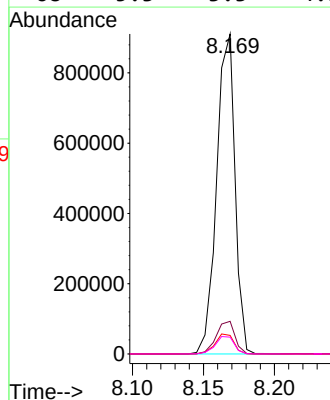
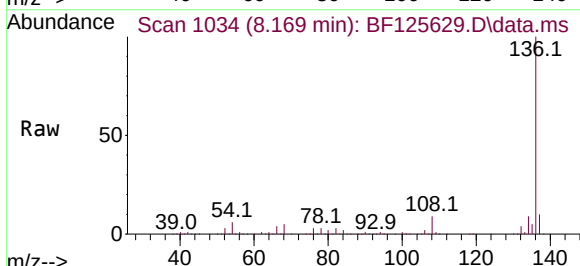


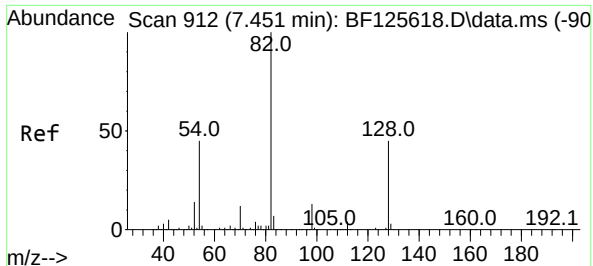
#21

Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.169 min Scan# 1034
 Delta R.T. -0.006 min
 Lab File: BF125629.D
 Acq: 24 Sep 2021 19:45

Tgt Ion: 136 Resp: 818437

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.8	14.6
54	5.8	6.4	9.6#
68	5.3	3.3	4.9#

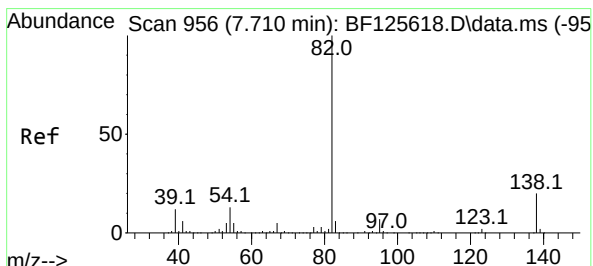
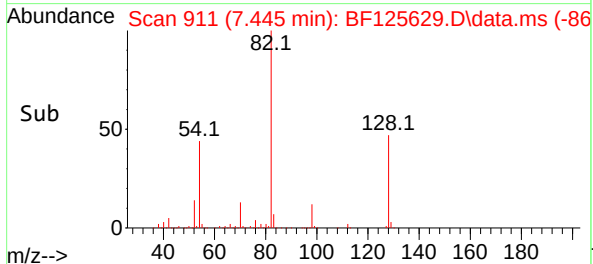
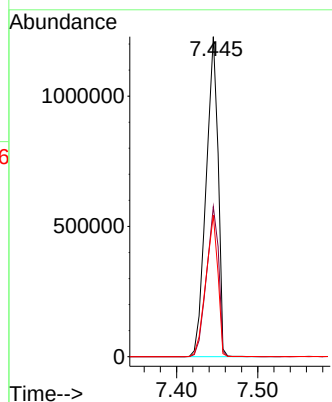
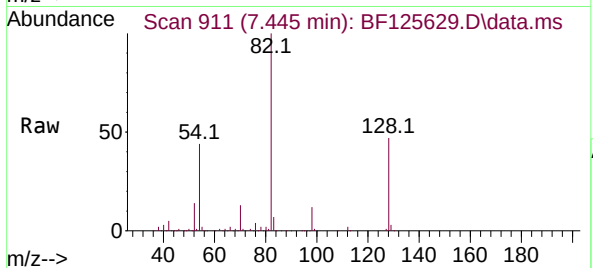




#23
Nitrobenzene-d5
Concen: 107.355 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125629.D
Acq: 24 Sep 2021 19:45

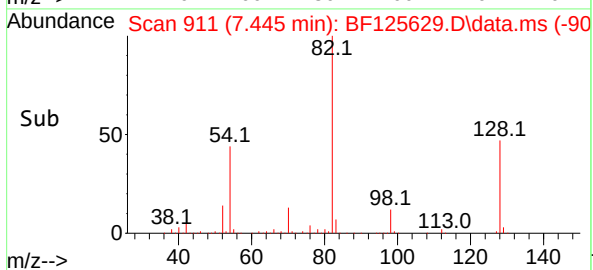
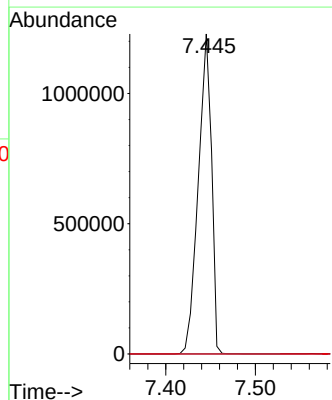
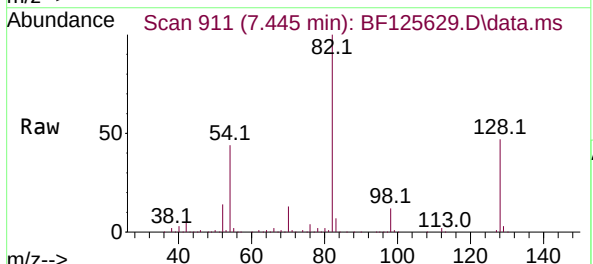
Instrument :
BNA_F
ClientSampleId :

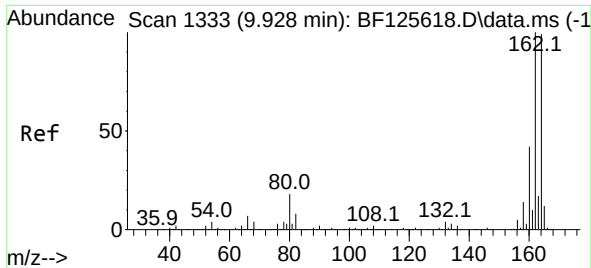
Tgt Ion: 82 Resp: 1259679
Ion Ratio Lower Upper
82 100
128 46.9 40.6 60.8
54 44.3 49.6 74.4#



#25
Isophorone
Concen: 47.798 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125629.D
Acq: 24 Sep 2021 19:45

Tgt Ion: 82 Resp: 1256044
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

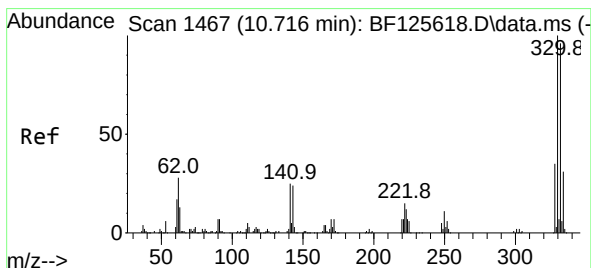
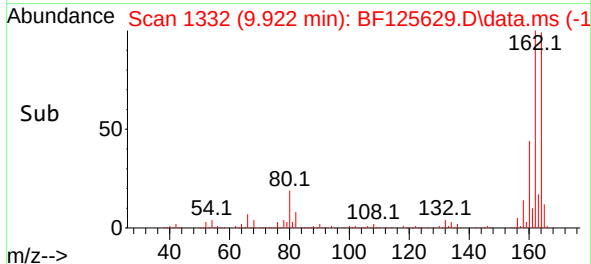
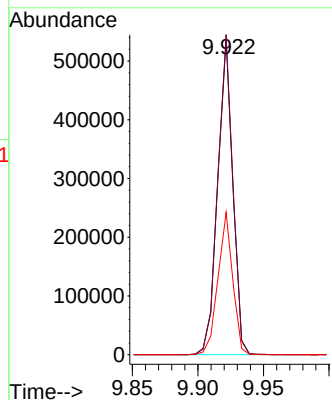
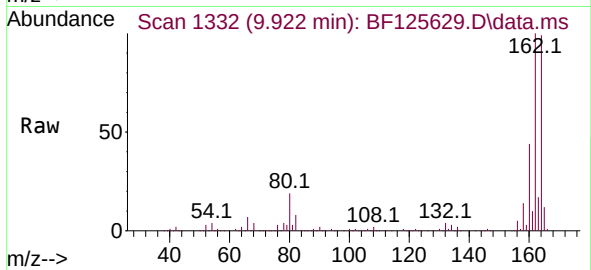




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125629.D
Acq: 24 Sep 2021 19:45

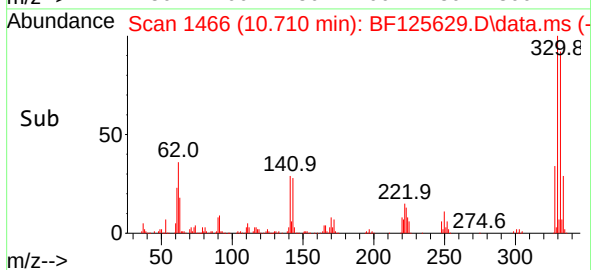
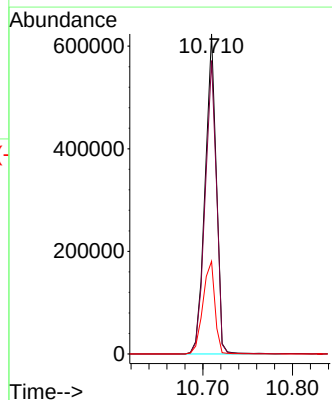
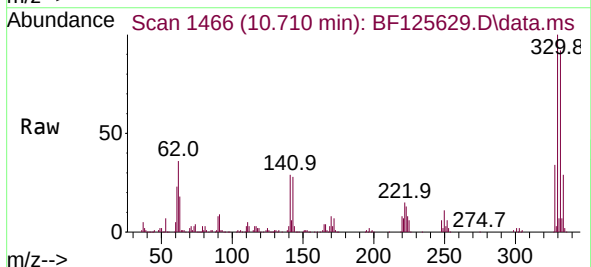
Instrument :
BNA_F
ClientSampleId :

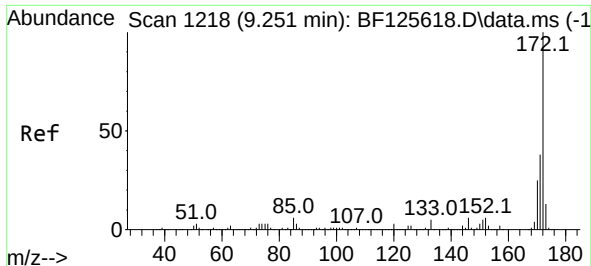
Tgt Ion:164 Resp: 428455
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 45.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 135.604 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125629.D
Acq: 24 Sep 2021 19:45

Tgt Ion:330 Resp: 541708
Ion Ratio Lower Upper
330 100
332 93.1 76.2 114.4
141 30.9 44.6 66.8#

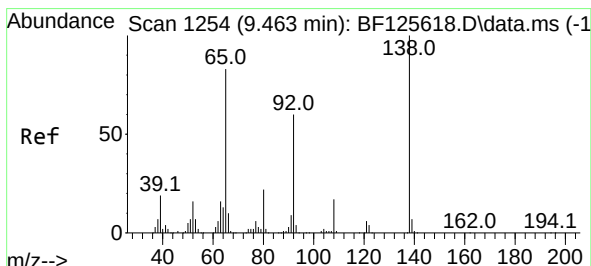
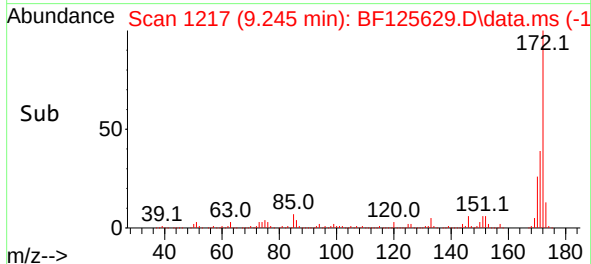
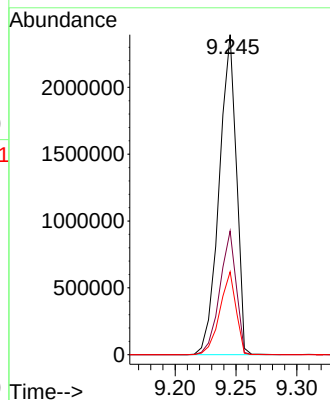
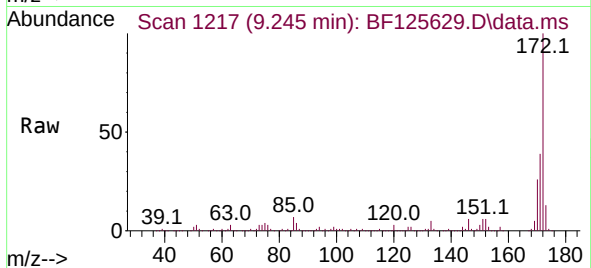




#45
2-Fluorobiphenyl
Concen: 101.318 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125629.D
Acq: 24 Sep 2021 19:45

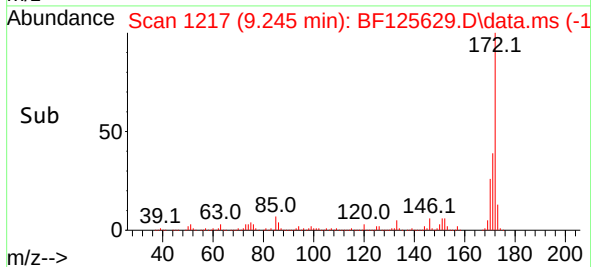
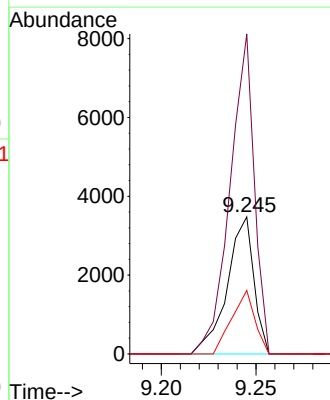
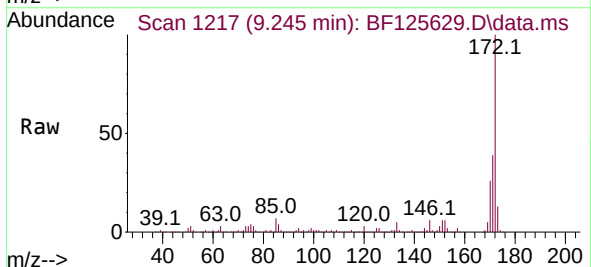
Instrument :
BNA_F
ClientSampleId :

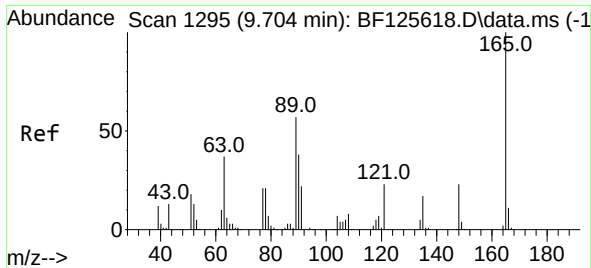
Tgt Ion:172 Resp: 2354702
Ion Ratio Lower Upper
172 100
171 38.6 26.5 39.7
170 25.9 18.8 28.2



#48
2-Nitroaniline
Concen: 4.663 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125629.D
Acq: 24 Sep 2021 19:45

Tgt Ion: 65 Resp: 3417
Ion Ratio Lower Upper
65 100
92 233.5 55.5 83.3#
138 46.3 93.5 140.3#

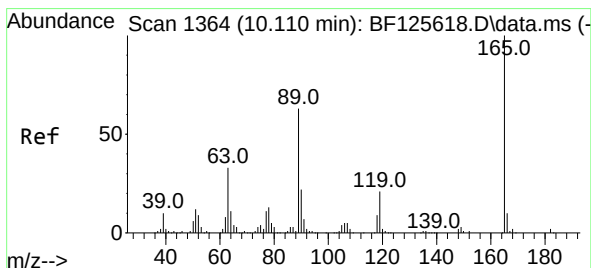
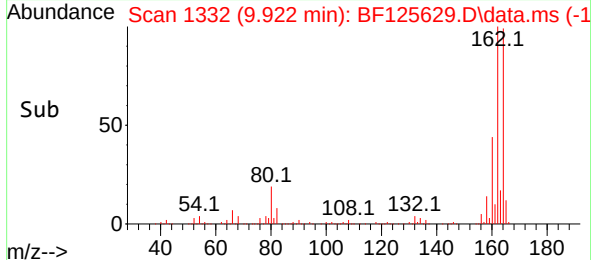
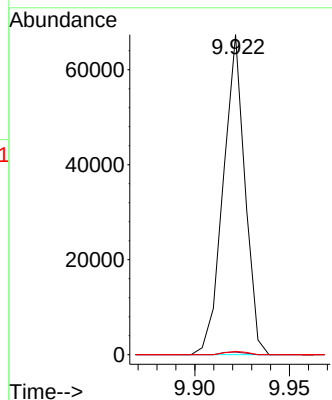
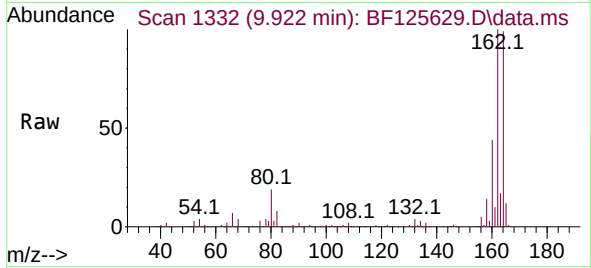




#51
2,6-Dinitrotoluene
Concen: 12.464 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125629.D
Acq: 24 Sep 2021 19:45

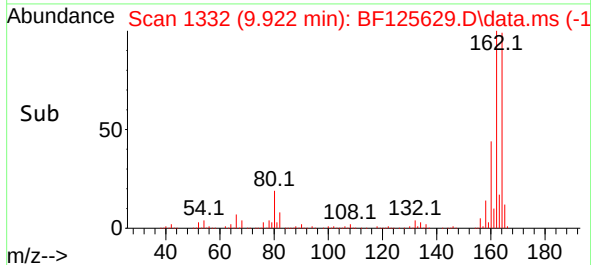
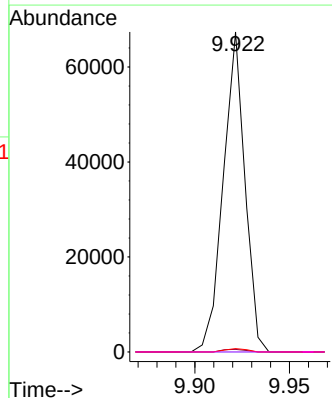
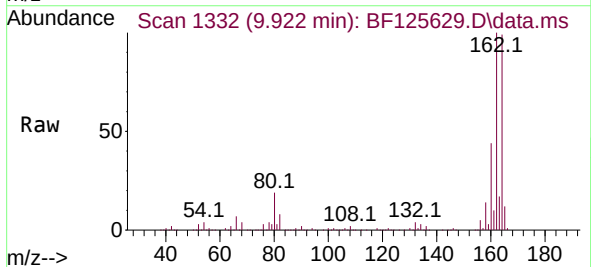
Instrument :
BNA_F
ClientSampleId :

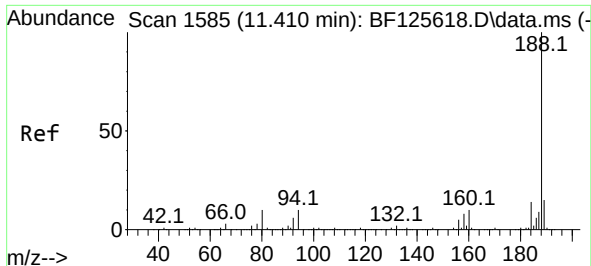
Tgt Ion:165 Resp: 53685
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.390 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125629.D
Acq: 24 Sep 2021 19:45

Tgt Ion:165 Resp: 53685
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

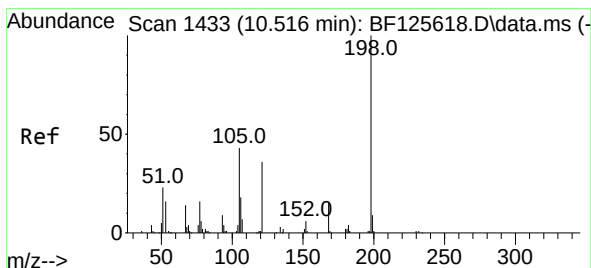
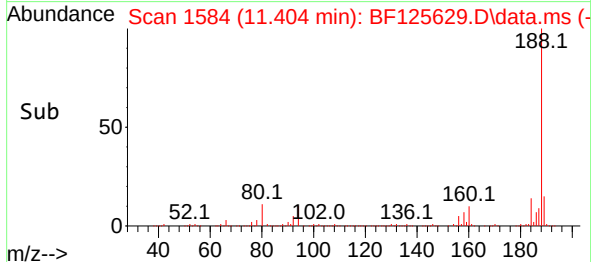
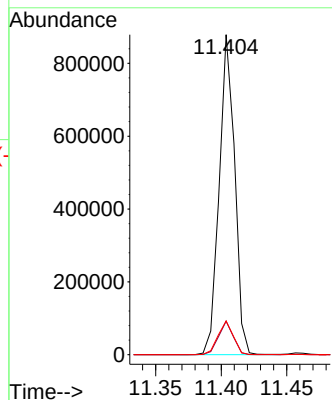
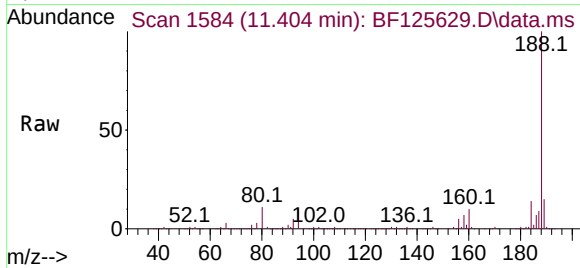




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125629.D
Acq: 24 Sep 2021 19:45

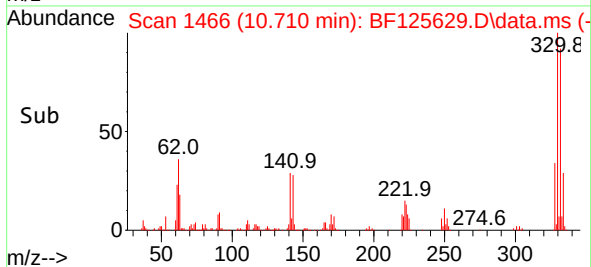
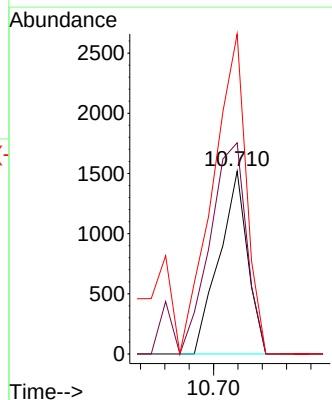
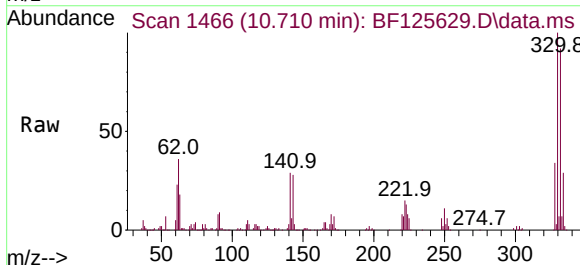
Instrument :
BNA_F
ClientSampleId :

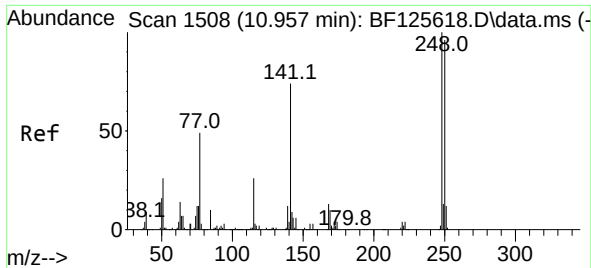
Tgt Ion:188 Resp: 721253
Ion Ratio Lower Upper
188 100
94 10.5 6.7 10.1#
80 10.6 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.297 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125629.D
Acq: 24 Sep 2021 19:45

Tgt Ion:198 Resp: 1228
Ion Ratio Lower Upper
198 100
51 115.6 45.3 85.3#
105 175.2 30.6 70.6#

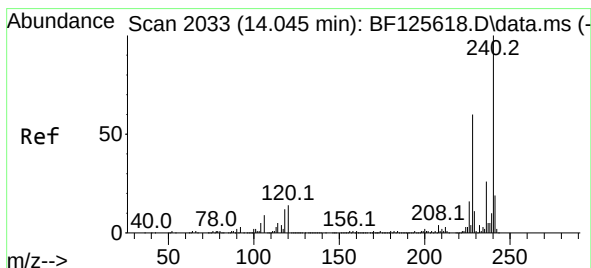
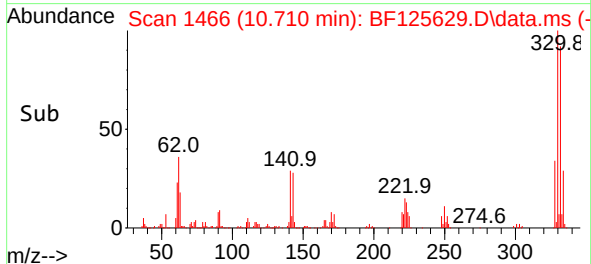
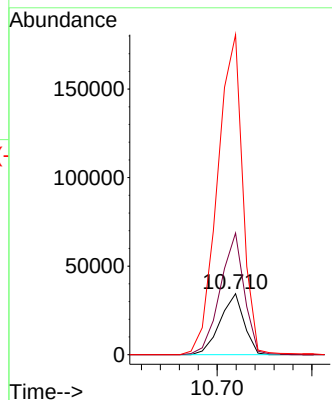
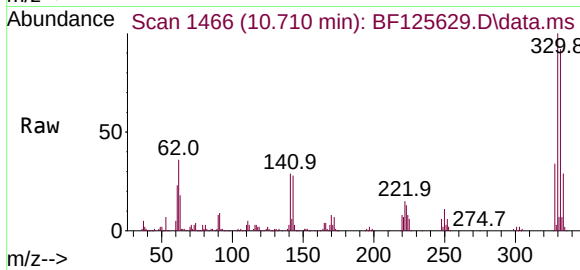




#67
4-Bromophenyl-phenylether
Concen: 3.997 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125629.D
Acq: 24 Sep 2021 19:45

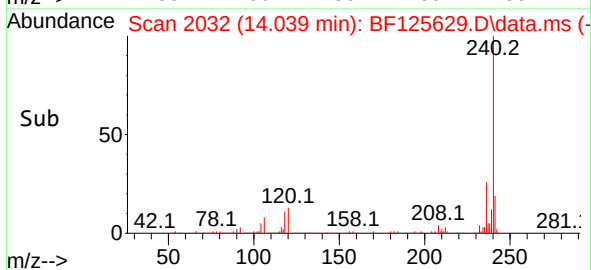
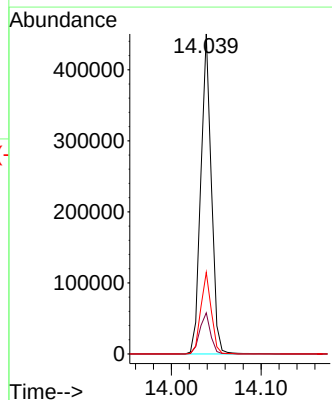
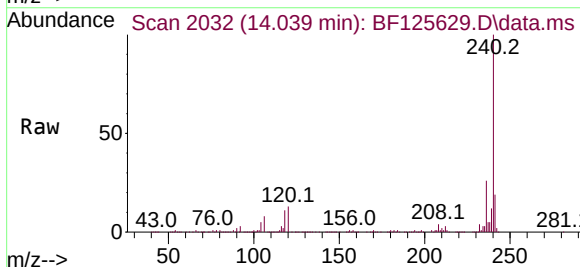
Instrument :
BNA_F
ClientSampleId :

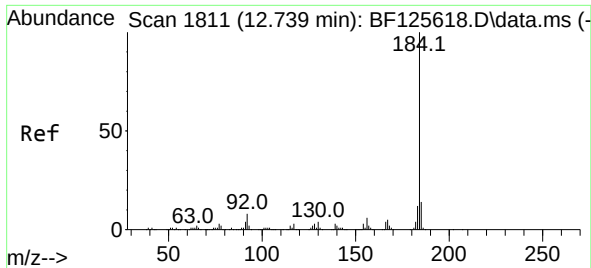
Tgt Ion:248 Resp: 30257
Ion Ratio Lower Upper
248 100
250 199.4 74.2 111.4#
141 524.3 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125629.D
Acq: 24 Sep 2021 19:45

Tgt Ion:240 Resp: 366390
Ion Ratio Lower Upper
240 100
120 12.8 10.8 16.2
236 25.5 21.6 32.4

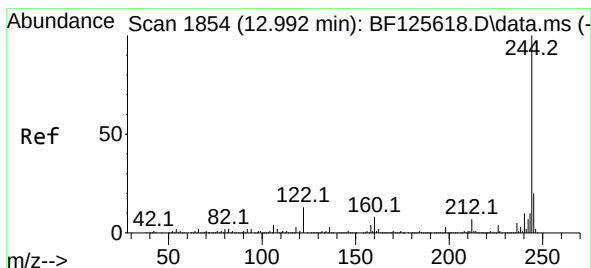
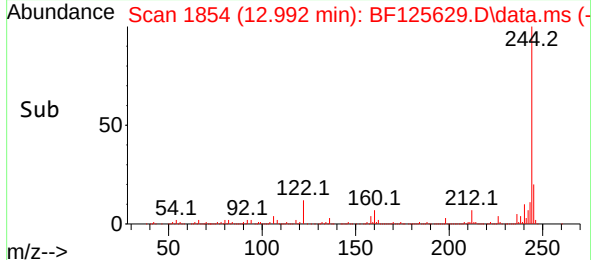
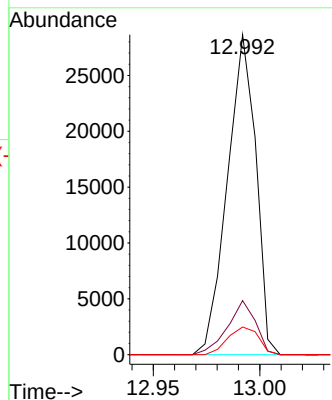
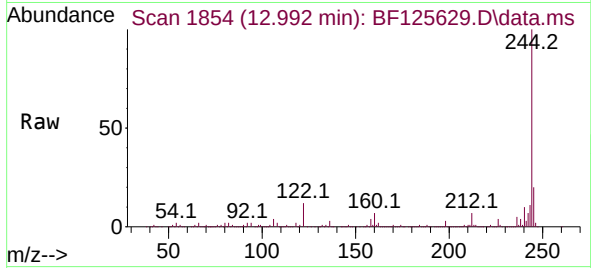




#77
Benzidine
Concen: 2.773 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF125629.D
Acq: 24 Sep 2021 19:45

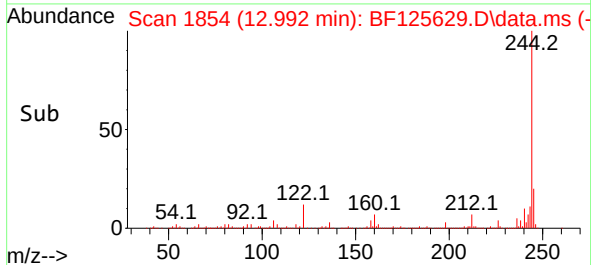
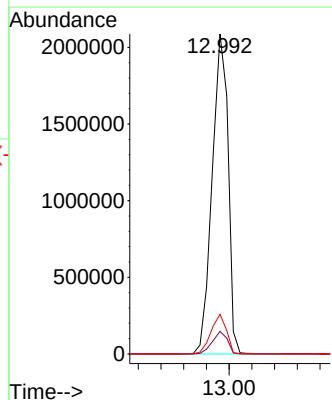
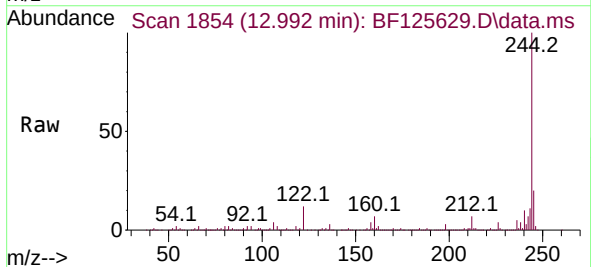
Instrument :
BNA_F
ClientSampled :

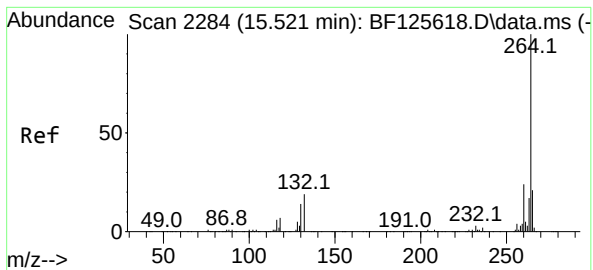
Tgt Ion:184 Resp: 26686
Ion Ratio Lower Upper
184 100
185 16.9 10.8 16.2#
183 8.7 8.1 12.1



#79
Terphenyl-d14
Concen: 95.998 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125629.D
Acq: 24 Sep 2021 19:45

Tgt Ion:244 Resp: 2031043
Ion Ratio Lower Upper
244 100
212 7.1 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: BF125629.D
 Acq: 24 Sep 2021 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:264	Resp:	400329
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.6 29.4
265	21.1	17.2 25.8

